



**Sardar Patel University**

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University Press

# 61th Annual Report 2016-2017

(Under Section 40 of Sardar Patel University Act, 1955)



**Sardar Patel University**

**Vallabh Vidyanagar**

NAAC-Accredited 'A' Grade with CGPA 3.25  
(23-1-2017 to 22-1-2022)

# **Sardar Patel University Vallabh Vidyanagar**



## **61<sup>th</sup> Annual Report 2016-17**

**(Under Section 40 of Sardar Patel University Act. 1955)**

## From the Desk of the Chief Editor

Sardar Patel University is a premier University of the Gujarat. Since its establishment in 1955, it has maintained the highest standards and has propagated best practice in higher education. In alignment with its motto 'Shil Vrutam Falam Srutam, it fosters a long-term commitment to nation building and an unflinching adherence to universal human values. The university maintained its position at the top in the Gujarat. It is the 'University of high degree' envisioned by its founders it will continue to do the work of the future.

There is good news in the air. Government of India has resolved to create 20 world-class Universities. This naturally requires us to consider what a world-class University is like. The worldwide debate on 'world class' as a concept has its origins in the early 1990s and is thus not very old, though the western world had already developed some of its earlier models of world class Universities quite long ago. Therefore, it should not come as a surprise to us when we find lengthy discussions on 'excellence' in books and encyclopaedias. *Quality* became a subject of debate around the same time as *world class*.

The *American Heritage Dictionary of the English Language* (1992) explains that the term 'world-class' is a reference to something "ranking among the foremost in the world; of an international standard of excellence; of the highest order." Questions like who would decide what is the best 'in the world', or of 'international standard' in terms of 'excellence' etc. The value of history, then, is that it teaches us what man has done and thus what man is." Ideally, the only clue to what a world class university is lies in what existing 'world class universities' have on offer which the others do not. The questions that need to be answered, then, are *what*, *why*, *how*, and with *what purpose*.

*World-class* is a noun-compound as a lexico-grammatical category and is used to refer to any given thing, aspect, institution etc "being of the highest calibre in the world" (*Webster's Collegiate Dictionary*, 1995); "ranking among the foremost in the world; of the highest order", traces its origins in the descriptions of "athletes capable of performing at an international level of competition". This was extended in recent times to mean "of an international standard of excellence". The word currently now being applied to "a wide variety of categories" (*American Heritage Dictionary of the English Language*, 1992) like (a) to be ranking among the world's best, and thus outstanding; (b) being able to attract or to comprise of world-class players, performers etc.

Alden and Lin (2004) list features comprising a world class university: (a) it enjoys an international reputation for teaching and research; (b) it is recognised not only by other world class universities, but by other agencies outside the academic world; (c) it has a number of world class departments, with several good researchers and world leaders in their respective fields of specialisation; (d) it seeks to identify and builds on its research strengths and has a distinctive reputation and focus in terms of its 'lead' subjects; (e) it generates innovative ideas and produces basic and applied research in abundance; (f) it produces path-breaking research output recognised by peers and Nobel Prize Winners; (g) it attracts the most able students and produces the best graduates, some of whom end up in positions of influence and/or power; (h) it can attract and retain the best staff and students even from other countries; (i) it attracts a high proportion of postgraduate students from the country and abroad on its taught courses and research programmes; (j) it operates within a global market and is international in many activities, research links, student and staff exchanges, visitors of international standing; (k) has a very sound financial base: receives large endowment capital and income, and has diversified sources of income: government, private companies sector, research income, overseas student

fees; (l) provides high quality and supportive research and educational environment for both its staff and students: high quality buildings and facilities/high quality campus; (m) has a first class management team with strategic vision and implementation plans, and has the confidence to set its own agenda; (n) often has a long history of superior achievement, and contributes substantially to society and our times; and (o) continually benchmarks with top universities and departments worldwide.

These are just some of the pointers. There could be more that friends from the Business Administration, Business Studies, Economics and the Sciences can further add to the list. Our responsibility has increased greatly after we attained the status of being the only state-aided University in Gujarat to have secured an 'A' Grade with 3.25 CGPA. The time has come for all of us to join hands in helping our University work systematically toward becoming a world-class University.

The report in your hand is the product of excellent team work, of many minds and hands. All the Heads of the Departments contributed their share. The member of the editorial board including, Prof. Samir Patel, Dr. Vasant Patel, Prof. Haresh Kaheriya, Prof. S. S. Soni, Dr. (Mrs) Jyotiben Tiwari, Dr. Mayank Bhatt of the editorial board of their intellectual inputs and active contribution; and the technical assistant of Mr. Manoj Chauhan, Mr. Suresh P Parmar, Mr. Mukesh Gohel, Mr. Sagar Patel for collecting, collating, composing and correcting the final report proof-reading and approved by editorial board.

We seek your continuous support and will be happy to receive constructive feedback!

Vallabh Vidyanagar  
20<sup>th</sup> February 2018

Pinakini Pandya  
(Chief Editor)

## **Editorial Board**

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- Prof. (Ms.) Pinakiniben Pandya (Chief Editor)
- Prof. Samir Patel
- Dr. Haresh Kaheriya
- Dr. S. S. Soni
- Dr. Vasant Patel
- Dr. (Mrs) Jyotiben Tiwari
- Dr. Mayank Bhatt

## **Technical Assistance**

- Mr. Manoj Chauhan
- Mr. Suresh P Parmar
- Mr. Mukesh Gohel
- Mr. Sagar Patel



**Professor (Dr.) Shirish Kulkarni**  
**Vice Chancellor**  
**Sardar Patel University, Vallabh Vidyanagar, Gujarat (India)**

## **Foreword**

This is ‘a renaissance time for learning and teaching’ for us. This is a time of great changes and challenges. We have to recognize changes and challenges as an opportunity to do things differently, to create possibilities where none existed. Our every decision must be made with an eye toward the future. We have to re-examine what it means to prepare students for leadership in this country. Recent technological advances bring other part of the world into our homes every day, and students arrive on campus with a more global-worldview. Today’s campus is a microcosm of the world with all its demographic, ethnic, cultural and economic diversity. Our commitment must be to the university’s long term core values. With that strong sense of purpose and determination, we will emerge a stronger university in the years ahead. The events and accomplishments of this year reflect our ongoing commitment to make the university better to future generation.

It gives me great pleasure to give you this brief overview of the achievements of the university in the academic 2016-17 by way of my foreword to our Annual Report.

We acknowledge the receipt of the generous grants made available to us by the UGC and other governmental agencies for providing funds for various research and other activities in the University for the year under the review, and thank them.

**Research Grants to the University:** The University has built track-record in attracting research funding from the UGC and other funding agencies like DST, DBT, ICSSR etc at the national level and agencies of the Government of Gujarat. We have today 03 University Departments recognized by the UGC under CAS scheme and 12 Departments under SAP-DRS scheme. Our teachers apply and get funding for Major and Minor Research Project.

1).247.50 lac to the Department of Biosciences at the level of CAS-I for a period of five years from 2015-2020; (2) ₹103.00 lac and 01 Project Fellow to the Department of Materials Science, Sardar Patel University under Centre for Advanced Study Phase-III for 5 years from 2015-2020; (3) ₹116.00 lac to the Department of Mathematics under SAP-DRS (Phase-III) for a period of five years from 2015-2020; (4) ₹82.00 lac to the Department of Statistics under SAP-DRS (Phase-II) with 02 Project Fellows for a period of five years from 2015-2020; (5) ₹82.00 lac and 01 Project Fellow to the Department of Home Science, Sardar Patel University under SAP-DRS for 5 years from 2016-2021; (6) ₹25.00 lac and 01 Project Fellow to the Department of Gujarati, Sardar Patel University under SAP-DRS for 5 years from 2016-2021; (7) ₹53,00,000 lac to the department of business studies under SAP iii. Our teachers apply and get funding for Major and Minor Research Projects. 14 new research projects Sanctioned by agency.

2. UGC Emeritus Fellowships to four of our teachers: (a) Dr M K Patel, Retired Professor and Head, Department of Business Studies, Sardar Patel University; (b) Dr B R Brahmhatt, Professor, Department of Gujarati, Sardar Patel University; (c) Dr (Ms) Urmilaben Thaker, Retired Professor and Head, Department of Information and Library Science, Sardar Patel University; and (d) Dr S J Bhatt, Retired Professor and Head, Department of Mathematics, Sardar Patel University. Congratulations to these four colleagues on their achievement which is the outcome of their total output as scholars in their respective areas of specialization.

3. The UGC has sanctioned three innovative courses under B.Voc., beginning from the academic year 2015-16: (i) Export and Import Management; (ii) Supply Chain and Logistics; and (iii) Insurance and Financial Management to C P Patel and F H Shah Commerce College, Anand which is affiliated to Sardar Patel University.

**Agencies of GoI:** The National Board of Higher Mathematics (NBHM) has sanctioned a grant of ₹ 20.00 lac to the Department of Mathematics under the NBHM Regional Library in Mathematics (Western Region).

**Major Seminars/Conferences/Workshops:** more than 70 seminars, workshops, conferences organized by departments. 190 lectures delivered. 112 papers presented in international, national, state level seminars, conferences by teachers.

**Faculties' achievement & honour:**

Professor (Dr) N V Sastry of the Department of Chemistry of this University was appointed as one of its Nominees by the Government of Gujarat on our University Syndicate for a period of three years, i.e., 2015-2018. Professor (Dr) Priti Srinivas Sajja of the Department of Computer Science and Technology, Sardar Patel University was appointed Director, University Granth Nirman Board by the Government of Gujarat for a period of three years.

New research projects received by Dr. H. M. Patel (48,62,000/-), Dr. S. S. Soni (88,78,099/-), Dr. Manishkumar Mishra (30,98,260/-).

Prof. Datta Madamwar received international FIBA Award and Biannual BHU Centennial Award at BRSI International Conference at NEERI, Nagpur. Dr.T. V. Ramman Rao received Pratibha Puraskar Award in Science & Technology from Acharya Nagarjuna University. Dr. P. D. Shethi award received by Dr. Vasudev Thakkar for Best Research Paper on HPTLC 'Simultaneous detection and quantification of phytohormones. Vibha Vaishnav Honoured with 'Amrut Mahotsav Paritoshik' from a Social Organization "Vadnagara Nagar Mandal, Mumbai.

**Publications:** Teachers in the Departments have continued to publish books and research papers in National/International Journals throughout the period under review. **Books:** Teachers in our University Departments published 49 books in all and the break-up is as follows: Departments of basic science: 12; Departments of social science: 07 books; and Departments of economics and MBA: 07 book, departments of language: 03. **Research Papers:** Teachers in the University Departments published nearly 266 international, 80 national, 15 state levels research papers in journals. The research output has been quite satisfactory thus far.

**Internal Quality Assurance Cell:** The Internal Quality Assurance Cell of this University has been very active throughout the year. It has been involved in the preparation and submission of proposal to UGC for the special grants to SPU in the Diamond Jubilee year to accelerate the process of regeneration of villages by the application of modern arts, sciences and technology to rural areas. It has also pr drafting of rules and regulations for admission, examination, and administrative processes.

**International Students Centre:** Our International Students Centre (ISC) admits foreign and NRI students on our various programmes through a single window system ever since 2004. We admitted 12 students from Nepal; 10 from Yemen; 09 from Thailand; 01 from Namibia; 01 Tanzanian; 07 Afghani; 07 Ethiopian; 01 Bangladeshi; and 02 USA etc; totalling 61 ICCR-Sponsored scholars on our rolls. We are trying to create more accommodation space as the ICCR has been persuading us to take admit increasing number of students year after year. We also have 02 USA, 01 Canadian, and 01 Tanzanian student, totalling 04 fresh NRI scholars enrolled on self-sponsored basis. we admitted 03 Afghani, 02 Nepali, 01 Ethopian, 01 Namibian, 01 South African, 01 Malawian in 2016-17.

**University Chairs:** Six chairs instituted by the University, viz. the Bhaikaka Adyayan Prkalp, Dr Babasaheb Ambedkar Adyayan Prkalp, Sri Aurobindo Chair of Integral Studies, Pujya Shri Mota Shikshan Chintan Vistaran Peeth, Corporation Bank Chair in Management, and Sardar Patel Chair; and

the three centres: CVM Centre for Gandhian Studies, and Sardar Vallabhbhai Centre, continue to be active and fully functional in fulfilling their respective mandate.

**Work Done by the University Sections:** The University has decided to decentralize the conduct of Practical Examinations beginning November/December 2015 for all semesters and in all faculties on the recommendation of a sub-committee constituted by the CBCS Review Committee with the Honourable Vice Chancellor as the Chair, to facilitate in the smooth conduct of these examinations and accelerate the process of declaration of results. Guidelines have been framed and approved for the purpose. The University has decided to give autonomy on experimental basis for the conduct of assessment of I and III Semester Examinations to affiliated colleges in the Faculties of Arts, Commerce, Science, and Management only at the Undergraduate Level. The Question Papers will be set centrally in the University. The University has further implemented online facilitation for enrolment for examinations at all levels in the University so as to maintain transparency, and thus ensure efficiency as a part of our policy for e-governance.

The Scholarship Section has disbursed scholarships under various Government of Gujarat and Government of India Schemes for SC, ST, OBC, EBC and Scholarships, and those for Physically- and Visually-Challenged to the tune of ₹131.00 lac; Free Studentships worth ₹23 lac for our students; ₹0.25 lac as Ratilal Vallavji Doshi Parivar Scholarship and other Endowment funds; and ₹33.00 lac provided by the Government of India under CSIR and DST-INSPIRE Fellowships during the period ending 31 March 2017. Added to these, we now have a Scholarship Assistance Centre to disburse scholarships under the Honourable Chief Minister's Scholarship, and the Honourable Chief Minister's Independent Minority Scholarship Plans.

Our University Health Centre conducted Blood and Thyroid Tests, ECG, Blood/Urine Sugar, Liver, Kidney, Uric Acid Levels, and Blood Count for University employees and identified some cases of diabetes, HDL, and High Uric Acid, provided them with adequate treatment and necessary counselling. The Estate Section completed renovation of Hostels, T-type Accommodation, laying of pavement blocs and other civil work.

**Student Achievement:** 30 Students of the University passed NET-JRF/NET-L and 04 passed SLET Examination; 04 students of the Department of Materials Science qualified GATE-2016-17 Examinations; 01 student of the Department of Chemistry passed GATE-2016-17 Examination; 77 students of various Departments have found placements in major state and national organizations. 112 students achieved Ph.D., 108 students got gold medals.

The University has opened gates to children, Youth Brigade, Underprivileged or disabled portion of society. In true sense it is working for the betterment of the community, through- education, imbibing a culture of service and preparing the leaders of tomorrow from the youngsters, called "the Demographic Dividend 'of the country. The university has set up various entrepreneurship support programmes.

I congratulate all the teachers and their respective Departments for winning laurels for the University! Transparency and accountability are central to our policies, and we believe that we need to keep our stakeholders well-informed, and seek constructive suggestions. Let me congratulate the members of the editorial board and the relevant sections in the University for putting in excellent work as a team in preparing this annual report.

Vallabh Vidyanagar  
20<sup>th</sup> February 2018

Prof. Shirish Kulkarni



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# Prologue

## Our Credo

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### **Mission**

Regeneration of rural Indian life with the application of the study and research in all the disciplines of knowledge in tune with the modern global developments.

### **Vision**

Sardar Patel University envisages blossoming of human potential through

- Nurturing of talent, skill, and scientific temper.
- Creation of knowledge.
- Incubation of wisdom.
- Sustenance of blithesome spirit.

Toward upholding national pride, international understanding, peace and prosperity by activating engines of academic excellence.

### **Goals**

- To serve the rural population by providing them with access to higher education.
- To continually explore new frontiers in the areas of Science and Technology.
- To constantly set and reach new levels of achievement in research in areas within Humanities and Social Science.
- To continue to focus on thrust areas in all the disciplines through indigenous research and collaborative ventures at the international level.
- To become a financially vibrant and sound institution of international standard.

***We Strive for Excellence, for Excellence Matters!***

## **National Level Dignitaries Who Delivered Convocation Addressses**

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- Dr Rajendra Prasad, the then Honourable President of India
- Dr S Radhakrishnan, the then Honourable Vice President of India
- Shri Kanaiyalal Munshi, Well known Gujarati Author, the then Honourable Food Minister of India
- Shri Ashok Mehta, the then Deputy Chairman, Planning Commission of India
- Prof D S Kothari, the then Chairman, University Grants Commission
- Dr Raja Rammanna, the then Director, Bhabha Atomic Research Centre
- Shri Morarjibhai Desai, the then Honourable Prime Minister of India
- Dr H N Sethna, the then Chairman, Atomic Energy Commission
- Shastri Shri Pandurang Vaijanath Athavale
- Dr (Mrs) Madhuriben Shah, the then Chairperson, University Grants Commission
- Justice P N Bhagwati, the then Honourable Chief Justice, Supreme Court of India
- R Venkatraman, the then Vice President of India
- Dr Shankar Dayal Sharma, the then Vice President of India
- Dr V Kurian, the then Chairman, NDDB
- Dr I G Patel, Eminent Economist, Ex-Governor Reserve Bank of India
- Dr C C Patel, Ex-Chairman-cum-MD, Sardar Sarovar Narmada Nigam
- Dr Manamohan Singh, the then Honourable Finance Minister, Government of India
- Justice A M Ahmadi, the then Honourable Chief Justice, Supreme Court
- Dr R Chidambaram, the then Chairman, Atomic Energy Commission
- Shri Sam Pitroda, the then Chairman, World Tel Ltd.
- Dr A P J Abdul Kalam, the then Scientific Advisor, Government of India
- Dr Anil Kakodkar, the then Chairman, Atomic Energy Commission
- Param Pujya Swami Shri Satyamitra Nandji Maharaj, Haridwar
- Shri Narendra Modi, the then Honourable Chief Minister of Gujarat State
- Prof D Acharya, the then Chairman, All India Council for Technical Education
- Shri P K Laheri, the then Chairman & MD, Sardar Sarovar Narmada Nigam
- Dr S Banerjee, Director, Bhabha Atomic Research Centre
- Shri Ramanlal Vora, the then Education Minister, Government of Gujarat.
- Shri Rahul Bajaj, Bajaj Auto Ltd, Pune
- Prof Ved Prakash, the Chairman, University Grant Commission (UGC)
- Prof Sitanshu Yashashchandra Mehta, Academic Scholar and Philosopher
- Dr Dinesh Patel, MD, Themis Medicare Ltd, Mumbai
- Dr Bhikhu Parekh, University of Hull, UK
- Dr G. Satheesh Reddy, Scientific Adviser to Raksha Mantri, Govt. of India, Director General (Missiles and Strategic Systems), Defence Research and Development Organisation

## Officers of the University

**(i) The Chancellor**  
Shri Om Prakash Kohli  
Governor of Gujarat and  
Chancellor of the Sardar Patel University  
Raj Bhavan, Gandhinagar - 382 010

**(ii) The Vice Chancellor**  
Prof (Dr) Shirish Kulkarni  
Vice Chancellor  
Sardar Patel University  
Vallabh Vidyanagar - 388 120

**(iii) The Deans of Faculties**

No	Faculty	Name of the Dean	Affiliation	Period
1	Arts	Dr J M Trivedi (I/C)	Professor Department of Sociology Sardar Patel University	18/01/2016 to 21/06/2016
		Dr M C Patel (I/C)	Principal N. S. Patel Arts College, Anand	22.6.2016 to 21.6.2019
2	Science	Dr Datta Madamwar	Professor BRD School of Biosciences Sardar Patel University	05/12/2014 to 04/12/2017
		Dr A B Patel (I/C)	Professor Department of Mathematics Sardar Patel University	10/6/2016 to 29/6/2016
3	Engineering	Dr N V Shastri (I/C)	Professor Department of Chemistry Sardar Patel University	15/6/2014 onwards
4	Business Studies Commerce	Dr P K Rathod	Head Department of Business Studies Sardar Patel University	1/9/2013 to 31/8/2016
		Dr P K Rathod (I/C)	Head Department of Business Studies Sardar Patel University	1/9/2016 onwards
5	Law	Dr Nilesh V Shah	Principal I/C P M Patel College of Law & Human Rights, Anand	5/5/2015 to 26/8/2016
		Dr Anilkumar B. Pandya (I/C)	M.S.Bhagat & CM Sonawala Law College, College Road Nadiad.	06/12/2016 onwards
6	Education	Dr D U Patel	N H Patel College of Education Bhalej Road Anand	10/03/2017 to 31/05/2019
7	Home Science	Dr Vinayak H Patel	Head Department of Home Science Sardar Patel University	01/10/2013 to 30/09/2016
		Dr Bhavanaben V Chauhan	Principal S M Patel College of Home Science, Vallabh Vidyanagar	13/12/2016 to 12/12/2019
8	Medicine	Dr Himanshu Pandya	Professor Pramukh Swami Medical College, Karamsad	18/10/2015 to 17/10/2018
9	Pharmaceutical Sciences	Dr D K Raval (I/C)	Professor Department of Chemistry Sardar Patel University	23/02/2012 Onward

No	Faculty	Name of the Dean	Affiliation	Period
10	Management	Dr Nikhil Zaveri	Principal SEMCOM Vallabh Vidyanagar	01/09/2013 to 12/12/2016
		Dr Y C Joshi	Director Department of Business Management Sardar Patel University	13/12/2016 to 12/12/2019
11	Homoeopathy	Dr Neelamben K Trivedi	Anand Homoeopathy Medical College Nr. Sardar Baug, Anand	1/4/2015 to 31/3/2018

**(iv) The Registrar**

I/c. Shri N. K. Bhatt (01/04/2016 to 01/05/2016)

Dr R H Rajput (02/05/2016 to 31/03/2017)

Sardar Patel University

**(v) Heads of University Departments**

Sr No	Postgraduate Department	Year of Establishment	Name of the Head
1	Biosciences	1958	Prof (Dr) A V R L Narsimhacharya (M.Sc., Ph.D.)
2	Business Management	1989	Prof (Dr) Y C Joshi (MBA, PhD)
3	Business Studies (Commerce)	1958	Prof (Dr) S K Bhatt (MCom, MPhil, PhD,)
4	Chemistry	1958	Prof (Dr) N V Sastry (MSc, PhD)
5	Computer Science	1986	Prof (Dr) P V Virparia (MCA, PhD)
6	Economics	1958	Prof (Dr) H P Trivedi (MA, PhD)
7	Education	1988	Prof (Dr) M A Chotalia (MSc, MEd, PhD)
8	Electronics	1988	Prof (Dr) (Ms) Basumati Patel (MSc, PhD)
9	English	1958	Prof (Dr) J H Khan (MA, MAAL (UK), MEd (Eng), PhD)
10	Gujarati	1958	Prof (Dr) P R Pathak (MA, PhD)
11	Hindi	1958	Prof (Dr) D S Tripathi (MA, PhD)
12	History	1959	Prof (Dr) J M Pandya (MA, PhD)
13	Home Science	1977	Prof (Dr) Vinayak Patel (MSc, PhD)
14	Library and Information Science	1982	Dr Nimesh D Oza (MLibSc, MPhil, PhD)
15	Materials Science	1990	Prof (Dr) (Ms) R H Patel (MSc, PhD)
16	Mathematics	1958	Prof (Dr) A H Hasmani (MA, PhD)



17	Media Studies	2005	Prof Dr J H Khan (Honorary Director) (MA, MAAL (UK), MEd (Eng), PhD)
18	Pharmaceutical Sciences	2010	Prof (Dr) D K Raval, (I/C Head) (MSc, PhD)
19	Physics	1958	Prof (Dr) (Ms) U H Patel (MSc, PhD)
20	Political Science	1958	Prof (Dr) Baldev Agja (MA, PhD)
21	Psychology	1982	Prof (Dr) S M Makwana (MA, PhD)
22	Sanskrit	1958	Prof (Dr) N P Patel (MA, PhD)
23	Social Work (MSW)	1997	Dr (Ms) Shivani Mishra (MSW, PhD ) (I/C Head)
24	Sociology	1958	Prof (Dr) R H Makwana (MA, PhD)
25	Statistics	1961	Prof (Dr) Ashok Shanubhogue (MSc, PhD)
26	CISST (Centre for Interdisciplinary Studies in Science & Technology)	2012	Prof (Dr) P C Vinodkumar (I/C Head) (MSc PhD)
27	USIC	1979	Shri Sulax Shah (I/C Head) (BE)

#### University Constitute College

Sr No	Constituent College	Year of Establishment	Principal
1	M B Patel College of Education	1960	Prof (Dr) R M Diwan (I/C) (MSc, MEd, PhD)

## Authorities of the University

### (i) The Senate

### (ii) The Syndicate (1st April 2015 to 31st March 2018)

	<b>The Vice Chancellor</b>	8	<b>Vacant</b>
1	Prof Shirish Kulkarni		
	Vice Chancellor		
	Sardar Patel University		
	Vallabh Vidyanagar – 388 120		
			<b>Ten Persons Elected by the Senate</b>
2	Commissioner of Higher Education	9	Dr Indrajit Narvarlal Patel
	Gujarat State, Old Sachivalaya		G-2, Saumil Apartment
	Block No 12, 3 <sup>rd</sup> Floor		Nr Kanya Girls's Hostel
	Gandhinagar – 382 010		Off Karamsad Road
			Vallabh Vidyanagar – 388 120
3	Office of the Commissioner	10	Shri Ketankumar Parsottamdas Patel
	Technical Education		Secretary
	Gujarat State, Old Sachivalaya		Charotar Education Society
	Sector-10, Block No-2, 2 <sup>nd</sup> Floor		Anand – 388 001
	Gandhinagar – 382 012		
4	Office of the Commissioner	11	Shri Pragneshkumar Arvindbhai Patel
	Health and Medical Services and Medical Education		'Nandanvan', 23,Yogi Park Society
	Medical Education and Research		Opp Anand Arts College
	G-Block, 2 <sup>nd</sup> Floor, Civil Hospital		Anand -388 001
	Sector 12, Gandhinagar – 382 012		
	<b>Two Heads of Department of the University</b>		
5	Prof Urmilaben Harmanbhai Patel*	12	Shri Bipinchandra Purshottamsad Patel
	Head, Department of Physics		Shri Motilal Nivas
	Sardar Patel University		Towar Bazar
	Vallabh Vidyanagar – 388 120		Anand -388 001
6	Dr Dilip Jayarambhai Chauhan (upto 26/06/2016)	13	Rajendrakumar Jaydevbhai Barot
	Head, Department of Economics		(upto 21/02/2017)
	Sardar Patel University		'Vandemataram' B/h H M Patel Bunglow
	Vallabh Vidyanagar – 388 120		Near Amikrupa Girls Hostel
			Vallabh Vidyanagar-388120
	<b>Two Principals of Degree Colleges Affiliated to the University</b>	14	Dr Ghanshyamsinh Narsinh Gadhavi
			(upto 07/12/2016)
7	Dr Mohanbhai Chhaganbhai Patel		16, Raghuvansh Co op Society
	Principal		Nr Hari Om Nagar, Nana Bazar
	N S Patel Arts College		Vallabh Vidyanagar – 388 120
	Anand – 388 001		

15	Vacant		<b>One Representative of the Institute of Agriculture, Anand</b>
		21	Shri Girish B Jani
			Bhavan's Munglal Goenka Inst of Post Graduate Studies & Reserch
16	Korali Premchand Morarbhai (upto 21/02/2017)		K M Munshi Marg, Mumbai – 400 007
	Anand Arts College		
	Anand-388001		
			<b>One Representative elected by the Birla Education Trust, Anand</b>
17	Ms Dipikaben Bhupendrabhai Patel (upto 21/02/2017)	22	Dr Farokh Sorabji Umrigar
	Near Panchayat Bhavan		Principal
	Lambhavel		Birla Vishwakarma Mahavidyalaya
	Anand – 388 001		Vallabh Vidyanagar – 388 120
18	Shri Parth Bipinchandra Patel (upto 21/02/2017)		<b>Four Persons Nominated by the State Government</b>
	Lecturer		
	Shree J M Patel Arts College	23	Shri Rajnikant J Patel
	Opp New Bus Station		Azad Chowk
	Anand – 388 001		Sojitra-388120
		24	Dr N V Shastri
	<b>Two Representative Elected by the Charutar Vidya Mandal</b>		Professor
			B-14 University staff colony
19	Dr Bhaveshbhai D Patel		Vallabh Vidyanagar – 388 120
	Principal		
	V P & R P T P Science College	25	Shri Nilesh Jayantibhai Patel
	Vallabh Vidyanagar – 388 120		1-Ambica sadan
			Nandan Bunglow
20	Shri Devangbhai Rameshbhai Patel		Near Big Bazar Asha vihar flat
	'Himansu' Petlad Road		Anand – 388 001
	Nadiad-387001		
		26	Shri Yogendrasinh Solanki
			18-B, Ankur Society
			Near Collector's Bunglow
			Anand – 388 001

(iii) **The Academic Council**

(iv) **The Faculties**

(v) **The Boards of Studies**

(vi) **The Board of Postgraduate Studies and Research**

## Officials of the University

Sr No	Designation	Name
1	Vice Chancellor	Dr Shirish Kulkarni MCom, PhD.
2	Registrar	Dr R H Rajput MCom, MA, LLB(Spl), PhD
3	Director, Physical Education	Dr Gursevak Singh Saggu MPE, NIS, PhD
4	Deputy Registrar	Mr Tushar Majmudar MSc, DCA
5	Deputy Registrar	Mr Nilesh M Patel MBA
6	Deputy Registrar	Ms Jagruti N Parmar MSc, MPhil, BEd, PhD
7	Chief Accounts Officer	Mr Naresh Bhatt MCom, MBA
8	Director, Computer Centre	Dr (Ms) Jyoti Tiwari MSc, PhD
9	University Engineer	Mr Parag N Vaidya BE (Civil), MBA
10	Assistant Registrar	Dr Mayank Bhatt MSc PhD
11	Coordinator, ERU	Shri Atul Patel MSc, MPhil
12	Asst.Librarian	Dr Shishir Mandalia Msc,Mlib,PhD
13	Medical Officer	Dr Vaidehi Patel MBBS, MD
14	Curator	Mr Amol A Mohite MA (Museology)
15	Development Officer	----
16	Press Manager	----

--- Shows the vacant positions

## Affiliated Colleges

College	Program	City	Stream	Program Level	Program Type
Adarsh Science College - Napa	Bachelor of Science	Napa	Science	UG	Self Finance
AIMS College of Management & Technology - Bakrol	B.B.A. (HM) (3 Years)	Bakrol	Management	UG	Self Finance
Akhilesh Sureshbhai Patel Arts College - Boriavi	Bachelor of Arts	Boriavi	Arts	UG	Self Finance
Anand Arts College - Anand	Bachelor of Arts	Anand	Arts	UG	Grant In Aid
Anand College of Education - Anand	Bachelor of Education (2 Years)	Anand	Education	UG	Self Finance
Anand College of Legal Studies - Anand	Bachelor of Laws (CBCS)	Anand	Law	UG	Self Finance
	Master of Law (Constitutional & Legal Order)	Anand	Law	PG	Self Finance
	Master of Law (Criminal Law)	Anand	Law	PG	Self Finance
Anand Commerce College - Anand	B.B.A. (General)	Anand	Management	UG	Grant In Aid
	B.B.A. (IB)	Anand	Management	UG	Self Finance
	Bachelor of Commerce	Anand	Business Studies	UG	Grant In Aid
	Bachelor of Computer Application	Anand	Science	UG	Self Finance
Anand Education College - Anand	Bachelor of Education (2 Years)	Anand	Education	UG	Grant In Aid
Anand Homoeopathic Medical College & Research Institute - Anand	Bachelor of Homeopathic Medicine and Surgery (BHMS)	Anand	Homeopathy	UG	Grant In Aid
	M.D.(Materia Medica)	Anand	Homeopathy	PG	Self Finance
	M.D.(Organon)	Anand	Homeopathy	PG	Self Finance
	M.D.(Repertory)	Anand	Homeopathy	PG	Self Finance
Anand Institute of Business Studies - Anand	B.B.A. (General)	Anand	Management	UG	Self Finance
	B.B.A. (ISM)	Anand	Management	UG	Self

College	Program	City	Stream	Program Level	Program Type
					Finance
	B.B.A. (ITM) (3 Years)	Anand	Management	UG	Self Finance
	Bachelor of Commerce	Anand	Business Studies	UG	Self Finance
	Master of Commerce	Anand	Business Studies	PG	Self Finance
Anand Institute of P.G.Studies in Arts - Anand	Bachelor of Library And Information Science	Anand	Arts	UG	Self Finance
	Master of Arts (English)	Anand	Arts	PG	Self Finance
	Master of Arts (Gujarati)	Anand	Arts	PG	Self Finance
	Master of Arts (Hindi)	Anand	Arts	PG	Self Finance
	Master of Arts (History)	Anand	Arts	PG	Self Finance
	Master of Library & Information Science (Part Time)	Anand	Arts	PG	Self Finance
Anand Institute of Social Work - Anand	Bachelor of Social Work	Anand	Arts	UG	Self Finance
	Master of Social Work	Anand	Arts	PG	Self Finance
	Master of Social Work (HR)	Anand	Arts	PG	Self Finance
Anand Law College - Anand	Bachelor of Laws (CBCS)	Anand	Law	UG	Grant In Aid
	Diploma in Labour Practice	Anand	Law	PG	Self Finance
	Diploma in Taxation Practice	Anand	Law	PG	Self Finance
	Integrated Bachelor of Arts and Bachelor of Law (BA, LLB)	Anand	Law	UG	Self Finance
	Integrated Bachelor of Business Administration and Bachelor of Law (BBA, LLB)	Anand	Law	UG	Self Finance
	Master of Law (Business Law) (Effective from 2016)	Anand	Law	PG	Self Finance
Anand Mercantile College of	B.B.A. (General)	Anand	Management	UG	Self Finance

College	Program	City	Stream	Program Level	Program Type
Science, Management & Computer Technology - Anand	Bachelor of Commerce	Anand	Business Studies	UG	Self Finance
	Bachelor of Computer Application	Anand	Science	UG	Self Finance
	Bachelor of Science	Anand	Science	UG	Self Finance
	Master of Science (Biotechnology)	Anand	Science	PG	Self Finance
	Master of Science (Information Technology)	Anand	Science	PG	Self Finance
Arts, Science & R. A. Patel Commerce College - Bhadran	Bachelor of Arts	Bhadran	Arts	UG	Grant In Aid
	Bachelor of Commerce	Bhadran	Business Studies	UG	Grant In Aid
	Bachelor of Science	Bhadran	Science	UG	Grant In Aid
Ashok & Rita Patel Institute of Integrated Study & Research in Biotechnology & Allied Sciences - New V.V.Nagar	Master of Science (Biotechnology)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Forensic Science)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Genetics)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Integrated BioTechnology)	V.V.Nagar	Science	UG	Self Finance
	Master of Science (Microbiology)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Pharmaceutical Chemistry)	V.V.Nagar	Science	PG	Self Finance
B.F.Shah Institute of Commerce & Management - Anand	B.B.A. (General)	Anand	Management	UG	Self Finance
	B.B.A. (IB)	Anand	Management	UG	Self Finance
B.J.Vanijya Mahavidyalaya - V.V.Nagar	B.B.A. (General)	V.V.Nagar	Management	UG	Grant In Aid
	B.B.A. (General)	V.V.Nagar	Management	UG	Self Finance
	Bachelor of Commerce	V.V.Nagar	Business Studies	UG	Grant In Aid
	Master of Commerce	V.V.Nagar	Business Studies	PG	Self Finance
	PGDCA	V.V.Nagar	Science	PG	Self Finance
B.N.Patel College of Physiotherapy -	Bachelor of Physiotherapy	Anand	Medicine	UG	Self Finance

College	Program	City	Stream	Program Level	Program Type
Anand					
B.N.Patel Institute of Paramedical & Science - Anand	B.Sc. Medical Technology	Anand	Medicine	UG	Self Finance
	Bachelor of Physician Assistant	Anand	Medicine	UG	Self Finance
	Bachelor of Physiotherapy	Anand	Medicine	UG	Self Finance
	Bachelor of Science	Anand	Science	UG	Self Finance
	Diploma in Medical Laboratory Technology (DMLT)	Anand	Medicine	PG	Self Finance
	Master of Science (Chemistry)	Anand	Science	PG	Self Finance
	Master of Science (Information Technology)	Anand	Science	PG	Self Finance
	Master Of Science - Medical Technology (CLT)	Anand	Medicine	PG	Self Finance
	Post Graduate Diploma in Hospital Management	Anand	Medicine	PG	Self Finance
	Postgraduate Diploma in Dialysis Technology	Anand	Medicine	PG	Self Finance
Bhaikaka Centre for Human Settlement - V.V.Nagar	Master of Planning (Urban & Regional Planning)	V.V.Nagar	Engineering	PG	Self Finance
Bhavan's Shri I. L. Pandya Arts, Sci. & Smt. Jashodhabahen M. Shah Commerce College - Dakor	Bachelor of Arts	Dakor	Arts	UG	Grant In Aid
	Bachelor of Commerce	Dakor	Business Studies	UG	Grant In Aid
	Bachelor of Science	Dakor	Science	UG	Grant In Aid
	Master of Arts (Gujarati)	Dakor	Arts	PG	Self Finance
	Master of Commerce	Dakor	Business Studies	PG	Self Finance
	Master of Science (Chemistry)	Dakor	Science	PG	Self Finance
C. B. Patel Arts College - Nadiad	Bachelor of Arts	Nadiad	Arts	UG	Grant In Aid
	Master of Arts (Economics)	Nadiad	Arts	PG	Self Finance
	Master of Arts	Nadiad	Arts	PG	Self



College	Program	City	Stream	Program Level	Program Type
	(English)				Finance
	Master of Arts (Gujarati)	Nadiad	Arts	PG	Self Finance
	Master of Arts (Hindi)	Nadiad	Arts	PG	Self Finance
	Master of Arts (Psychology)	Nadiad	Arts	PG	Self Finance
C.P.Patel & F.H.Shah Commerce College - Anand	B.B.A. (General)	Anand	Management	UG	Grant In Aid
	B.B.A. (ITM) (3 Years)	Anand	Management	UG	Self Finance
	B.Voc. (Banking & Financial Services)	Anand	Business Studies	UG	Grant In Aid
	B.Voc. (Export & Import Management)	Anand	Business Studies	UG	Grant In Aid
	B.Voc. (Insurance & Financial Marketing)	Anand	Business Studies	UG	Grant In Aid
	B.Voc. (Software Development)	Anand	Science	UG	Grant In Aid
	B.Voc. (Supply Chain & Logistics)	Anand	Business Studies	UG	Grant In Aid
	Bachelor of Commerce	Anand	Business Studies	UG	Grant In Aid
	Bachelor of Commerce	Anand	Business Studies	UG	Self Finance
	Bachelor of Computer Application	Anand	Science	UG	Self Finance
	Master of Commerce	Anand	Business Studies	PG	Self Finance
	PGDCA	Anand	Science	PG	Self Finance
C.Z.Patel College of Business and Management - New V.V.Nagar	B.B.A. (General)	V.V.Nagar	Management	UG	Self Finance
	B.B.A. (HM) (3 Years)	V.V.Nagar	Management	UG	Self Finance
	B.B.A. (TTM) (3 Years)	V.V.Nagar	Management	UG	Self Finance
	Bachelor of Commerce (Hon.) (3 Years)	V.V.Nagar	Business Studies	UG	Self Finance
	Master of Commerce (Corporate Banking & Insurance)	V.V.Nagar	Business Studies	PG	Self Finance
	B.Sc. Medical	Karamsad	Medicine	UG	Self

College	Program	City	Stream	Program Level	Program Type
CAM Institute of Allied Health Science & Technology - Karamsad	Technology (CLT)				Finance
	B.Sc. Medical Technology (RTT)	Karamsad	Medicine	UG	Self Finance
	B.Sc. Medical Technology (IMT)	Karamsad	Medicine	UG	Self Finance
	B.Sc. Medical Technology (RCT)	Karamsad	Medicine	UG	Self Finance
	B.Sc. Medical Technology (OTAT)	Karamsad	Medicine	UG	Self Finance
	Master Of Science - Medical Technology (PT)	Karamsad	Medicine	PG	Self Finance
	Postgraduate Diploma in Cardic Care Technology (PGDCCT)	Karamsad	Medicine	PG	Self Finance
	Postgraduate Diploma in Clinical Dietitics (PGDCD)	Karamsad	Medicine	PG	Self Finance
Centre for Interdisciplinary studies in Science and Technology (CISST) - V.V.Nagar	Master of Science (Applied Science)	V.V.Nagar	Technology	PG	Self Finance
	Master of Science (Bioinformatics)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Biomedical)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Defence Science)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Earth Science)	V.V.Nagar	Science	PG	Self Finance
Christian College of Education - Anand	Bachelor of Education (2 Years)	Anand	Education	UG	Self Finance
College of Architecture - Vasad	Bachelor of Architecture	Vasad	Engineering	UG	Self Finance
College of Physiotherapy - Ode	Bachelor of Physiotherapy	Ode	Medicine	UG	Self Finance
CVM College of Fine-Arts - V.V.Nagar	Bachelor of Visual Arts (Applied Arts/Sculpture/Painting)	V.V.Nagar	Arts	UG	Self Finance
CVM Institute of Human Resource Development - V.V.Nagar	Master of Arts (HRD)	V.V.Nagar	Arts	PG	Self Finance
D. M. Patel Arts & Shri S. S. Patel Commerce College - Ode	Bachelor of Arts	Ode	Arts	UG	Grant In Aid
	Bachelor of Commerce	Ode	Business Studies	UG	Grant In Aid

College	Program	City	Stream	Program Level	Program Type
D.C.Patel School of Architecture - V.V.Nagar	Bachelor of Architecture	V.V.Nagar	Engineering	UG	Self Finance
Dalia Physiotherapy College - Kheda	Bachelor of Physiotherapy	Kheda	Medicine	UG	Self Finance
Dharmaj College of Education - Dharmaj	Bachelor of Education (2 Years)	Dharmaj	Education	UG	Self Finance
Dinsha Patel College of Nursing - Nadiad	B.Sc. (Nursing)	Nadiad	Medicine	UG	Self Finance
District Institute of Education and Training, Government B.Ed. College - Kathlal	Bachelor of Education (2 Years)	Kathlal	Education	UG	Grant In Aid
Dr V.H.Dave Homoeopathic Medical College & Research Institute - Anand	Bachelor of Homeopathic Medicine and Surgery (BHMS)	Anand	Homeopathy	UG	Grant In Aid
	M.D.(Materia Medica)	Anand	Homeopathy	PG	Self Finance
	M.D.(Organon)	Anand	Homeopathy	PG	Self Finance
	M.D.(Repertory)	Anand	Homeopathy	PG	Self Finance
Dr. Indravadan. P. Patel Institute of Medical Technology & Research - Anand	Diploma in Medical Laboratory Technology (DMLT)	Anand	Medicine	PG	Self Finance
	Master of Science (Toxicology)	Anand	Medicine	PG	Self Finance
	Master Of Science - Medical Technology (CLT)	Anand	Medicine	PG	Self Finance
	P.G. Diploma in Toxicology	Anand	Medicine	PG	Self Finance
Dr.H.M.Patel School of Interior Design, A.P.I.E.D - V.V.Nagar	Bachelor of Interior Design (4 Years)	V.V.Nagar	Arts	UG	Self Finance
	Certificate Course Interior Design	V.V.Nagar	Arts	UG	Self Finance
	Master Of Interior Design	V.V.Nagar	Arts	PG	Self Finance
University External Cell- V.V.Nagar	Bachelor of Arts (English Stream) (External)	V.V.Nagar	Arts	UG	Self Finance
	Bachelor of Arts (External)	V.V.Nagar	Arts	UG	Self Finance
	Bachelor of Arts	V.V.Nagar	Arts	UG	Self

College	Program	City	Stream	Program Level	Program Type
	(Non-English Stream) (External)				Finance
	Bachelor of Commerce (EXTERNAL)	V.V.Nagar	Business Studies	UG	Self Finance
	Master of Arts (Economic) (External)	V.V.Nagar	Arts	PG	Self Finance
	Master of Arts (English) (External)	V.V.Nagar	Arts	PG	Self Finance
	Master of Arts (External)	V.V.Nagar	Arts	PG	Self Finance
	Master of Arts (Gujarati) (External)	V.V.Nagar	Arts	PG	Self Finance
	Master of Arts (Hindi) (External)	V.V.Nagar	Arts	PG	Self Finance
	Master of Arts (History)(External)	V.V.Nagar	Arts	PG	Self Finance
	Master of Arts (Sanskrit) (External)	V.V.Nagar	Arts	PG	Self Finance
	Master of Arts (Sociology) (External)	V.V.Nagar	Arts	PG	Self Finance
	Master of Commerce (EXTERNAL)	V.V.Nagar	Business Studies	PG	Self Finance
G.H.Patel Post Graduate Institute of Business Management - V.V.Nagar	Doctorate of Philosophy	V.V.Nagar	Management	PG	Grant In Aid
	Master of Business Administration	V.V.Nagar	Management	PG	Grant In Aid
	Master of Business Administration	V.V.Nagar	Management	PG	NRI
	Master of Business Administration	V.V.Nagar	Management	PG	Self Finance
Government Arts and Commerce College - Kathlal	Bachelor of Arts	Kathlal	Arts	UG	Grant In Aid
	Bachelor of Commerce	Kathlal	Business Studies	UG	Grant In Aid
H.M.Patel Institute of English Training & Research - V.V.Nagar	Bachelor of Education (English) (2 Years)	V.V.Nagar	Education	UG	Grant In Aid
	Master of Arts (ELT)	V.V.Nagar	Arts	PG	Self Finance
	Master of Philosophy	V.V.Nagar	Arts	PG	Self Finance

College	Program	City	Stream	Program Level	Program Type
	(English Language Teaching)				
I. V. Patel College of Commerce - Nadiad	Bachelor of Commerce	Nadiad	Business Studies	UG	Grant In Aid
	Master of Commerce	Nadiad	Business Studies	PG	Self Finance
I.J.Patel M.Ed Course - Mogri	Master of Education (2 YEARS)	Mogri	Education	PG	Self Finance
Institute of Language Studies and Applied Social Sciences - V.V.Nagar	Advanced Diploma in Child Guidance and Counselling	V.V.Nagar	Arts	PG	Self Finance
	Bachelor of Arts (Advanced)	V.V.Nagar	Arts	UG	Self Finance
	Bachelor of Social Work (Social Enterprise)	V.V.Nagar	Arts	UG	Self Finance
	MA (Journalism & Mass Communication)	V.V.Nagar	Arts	PG	Self Finance
	Master of Social Work	V.V.Nagar	Arts	PG	Self Finance
	Master of Social Work (HR)	V.V.Nagar	Arts	PG	Self Finance
Institute of Science & Technology for Advanced Studies and Research - V.V.Nagar	Master of Industrial Hygiene & Safety	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Chemistry)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Environmental Science & Technology)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Geoinformatics)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Industrial Chemistry)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Information Technology)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Instrumentation & Control)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Instrumentation)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Mobile Technology &	V.V.Nagar	Science	PG	Self Finance

College	Program	City	Stream	Program Level	Program Type
	Applications)				
	Master of Science (Oil,Fats & Waxes)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Polymer Science & Technology)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Surface Coating Technology)	V.V.Nagar	Science	PG	Self Finance
	Master of Valuation (Plant & Machinery)	V.V.Nagar	Science	PG	Self Finance
	Master of Valuation (Real Estate)	V.V.Nagar	Science	PG	Self Finance
Institute of Studies & Research in Renewable Energy - V.V.Nagar	Master of Science (Renewable Energy)	V.V.Nagar	Science	PG	Self Finance
Ipcowala School of Interior Design - Nadiad	Bachelor of Interior Design (3 Years)	Nadiad	Arts	UG	Self Finance
	Bachelor of Interior Design (4 Years)	Nadiad	Arts	UG	Self Finance
J. & J. College of Science - Nadiad	Bachelor of Science	Nadiad	Science	UG	Grant In Aid
	Master of Science (Chemistry)	Nadiad	Science	PG	Self Finance
	Master of Science (Mathematics)	Nadiad	Science	PG	Self Finance
	Master of Science (Microbiology)	Nadiad	Science	PG	Self Finance
	Master of Science (Physics)	Nadiad	Science	PG	Self Finance
J.H.Patel College of Management & Technology - Dahemi	B.B.A. (General)	Dahemi	Management	UG	Self Finance
	Bachelor of Computer Application	Dahemi	Science	UG	Self Finance
	Master of Science (Information Technology)	Dahemi	Science	PG	Self Finance
Jivkaran Institute of Business Administration - V.V.Nagar	B.B.A. (General)	V.V.Nagar	Management	UG	Self Finance
Jivkaran Institute of Science & Technology - V.V.Nagar	Bachelor of Computer Application	V.V.Nagar	Science	UG	Self Finance

College	Program	City	Stream	Program Level	Program Type
K.S College of Science,Management & Technology - V.V.Nagar	Bachelor of Commerce	V.V.Nagar	Business Studies	UG	Self Finance
	Bachelor of Computer Application	V.V.Nagar	Science	UG	Self Finance
Kheda Arts and Commerce College - Kheda	Bachelor of Arts	Kheda	Arts	UG	Grant In Aid
	Bachelor of Commerce	Kheda	Business Studies	UG	Grant In Aid
Khushalbhair M. Patel Institute of Physiotherapy - Karamsad	Bachelor of Physiotherapy	Karamsad	Medicine	UG	Self Finance
	Master of Physiotherapy	Karamsad	Medicine	PG	Self Finance
Knowledge Institute of Nursing - Bakrol	B.Sc. (Nursing)	Bakrol	Medicine	UG	Self Finance
Knowledge Institute of Physiotherapy - Bakrol	Bachelor of Physiotherapy	Bakrol	Medicine	UG	Self Finance
Late R. P. Patel Nursing College - Ode	B.Sc. (Nursing)	Ode	Medicine	UG	Self Finance
Late Smt. S. G. Patel Institute of Physiotherapy - Petlad	Bachelor of Physiotherapy	Petlad	Medicine	UG	Self Finance
M. D. Shah Commerce & B. D. Patel Arts College - Mahudha	Bachelor of Arts	Mahudha	Arts	UG	Grant In Aid
	Bachelor of Commerce	Mahudha	Business Studies	UG	Grant In Aid
M. S. Bhagat and C. S. Sonawala Law College - Nadiad	Bachelor of Laws (CBCS)	Nadiad	Law	UG	Grant In Aid
	Diploma in Taxation Practice	Nadiad	Law	PG	Self Finance
	Master of Law (Business Law) (Effective from 2016)	Nadiad	Law	PG	Self Finance
M.B.Patel Applied Science College - V.V.Nagar	B.Sc. Medical Technology	V.V.Nagar	Medicine	UG	Self Finance
	Bachelor of Science	V.V.Nagar	Science	UG	Self Finance
	Master of Science (Integrated BioTechnology)	V.V.Nagar	Science	UG	Self Finance
M.B.Patel College of Education - V.V.Nagar	Bachelor of Education (2 Years)	V.V.Nagar	Education	UG	Grant In Aid
M.B.Patel Science	Bachelor of Science	Anand	Science	UG	Grant In

College	Program	City	Stream	Program Level	Program Type
College - Anand					Aid
	Bachelor of Science	Anand	Science	UG	Self Finance
	Diploma in Medical Laboratory Technology (DMLT)	Anand	Medicine	PG	Self Finance
Manekchock Co-Op. Bank Arts & Mahemdabad Urban People's Co-Op. Bank Commerce College - Mahemdabad	Bachelor of Arts	Mahemdabad	Arts	UG	Grant In Aid
	Bachelor of Commerce	Mahemdabad	Business Studies	UG	Grant In Aid
N.H.Patel College of Education - Anand	Bachelor of Education (2 Years)	Anand	Education	UG	Grant In Aid
N.P.Patel Arts, Science & Commerce College - Anand	Bachelor of Commerce	Anand	Business Studies	UG	Self Finance
	Bachelor of Science	Anand	Science	UG	Self Finance
N.R.Patel B.Ed. College - Karamsad	Bachelor of Education (2 Years)	Karamsad	Education	UG	Self Finance
N.S.Patel Arts College - Anand	B.Voc. (Hospitality and Tourism)	Anand	Management	UG	Grant In Aid
	B.Voc. (Retail Management)	Anand	Management	UG	Grant In Aid
	Bachelor of Arts	Anand	Arts	UG	Grant In Aid
	Bachelor of Arts	Anand	Arts	UG	Self Finance
	Bachelor of Social Work	Anand	Arts	UG	Self Finance
	M.A. (Public Administration)	Anand	Arts	PG	Self Finance
	MA (Journalism & Mass Communication)	Anand	Arts	PG	Self Finance
	Master of Arts (Economics)	Anand	Arts	PG	Self Finance
	Master of Arts (English)	Anand	Arts	PG	Self Finance
	Master of Arts (Gujarati - (Folk and Indigenous Studies))	Anand	Arts	PG	Self Finance
	Master of Arts (Gujarati)	Anand	Arts	PG	Self Finance
	Master of Arts (Hindi)	Anand	Arts	PG	Self Finance



College	Program	City	Stream	Program Level	Program Type
	Master of Social Work	Anand	Arts	PG	Self Finance
	Master of Social Work (HR)	Anand	Arts	PG	Self Finance
N.V. Patel P.G. Department of Communication and Media Studies - V.V.Nagar	MA (Journalism & Mass Communication)	V.V.Nagar	Arts	PG	Self Finance
Nalini Arvind & T V Patel Arts College - V.V.Nagar	Bachelor of Arts	V.V.Nagar	Arts	UG	Grant In Aid
	Master of Arts (Logic & Philosophy)	V.V.Nagar	Arts	PG	Self Finance
Natubhai V. Patel College of Pure & Applied Sciences - V.V.Nagar	B.Sc. CA & IT	V.V.Nagar	Science	UG	Self Finance
	Bachelor of Computer Application	V.V.Nagar	Science	UG	Self Finance
	Bachelor of Science	V.V.Nagar	Science	UG	Self Finance
	Master of Science (Information Technology) (Integrated)	V.V.Nagar	Science	UG	Self Finance
Navajagruti Arts and Commerce College for Women - Khambhat	Bachelor of Arts	Khambhat	Arts	UG	Grant In Aid
P.G.Department of USIC - V.V.Nagar	Post BSc Diploma in Instrumentation	V.V.Nagar	Science	PG	Grant In Aid
P.G.Department of Biosciences - V.V.Nagar	Master of Science (Biochemistry)	V.V.Nagar	Science	PG	Grant In Aid
	Master of Science (Biochemistry)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Biotechnology)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Botany)	V.V.Nagar	Science	PG	Grant In Aid
	Master of Science (Botany)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Industrial Biotechnology)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Microbiology)	V.V.Nagar	Science	PG	Grant In Aid
	Master of Science (Microbiology)	V.V.Nagar	Science	PG	Self Finance

College	Program	City	Stream	Program Level	Program Type
	Master of Science (Zoology)	V.V.Nagar	Science	PG	Grant In Aid
	Master of Science (Zoology)	V.V.Nagar	Science	PG	Self Finance
P.G.Department of Business Studies - V.V.Nagar	Doctorate of Philosophy	V.V.Nagar	Business Studies	PG	Grant In Aid
	Doctorate of Philosophy	V.V.Nagar	Science	PG	Grant In Aid
	Master of Commerce	V.V.Nagar	Business Studies	PG	Grant In Aid
	Master of Commerce	V.V.Nagar	Business Studies	PG	Self Finance
	Master of Philosophy (Commerce)	V.V.Nagar	Business Studies	PG	Grant In Aid
	PGDBM	V.V.Nagar	Business Studies	PG	Self Finance
	PGDHRD	V.V.Nagar	Business Studies	PG	Self Finance
P.G.Department of Chemistry - V.V.Nagar	Master of Science (Chemistry)	V.V.Nagar	Science	PG	Grant In Aid
	Master of Science (Chemistry)	V.V.Nagar	Science	PG	Self Finance
P.G.Department of Computer Science - V.V.Nagar	Master of Computer Application	V.V.Nagar	Science	PG	Grant In Aid
	Master of Computer Application	V.V.Nagar	Science	PG	Self Finance
	Master of Philosophy (Computer Science)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Bioinformatics) (OLD)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Information Technology)	V.V.Nagar	Science	PG	Self Finance
	PGDCA	V.V.Nagar	Science	PG	Grant In Aid
	PGDCA	V.V.Nagar	Science	PG	Self Finance
P.G.Department of Economics - V.V.Nagar	Master of Arts (Economics)	V.V.Nagar	Arts	PG	Grant In Aid
	Master of Arts (Economics)	V.V.Nagar	Arts	PG	Self Finance
	Master of Philosophy	V.V.Nagar	Arts	PG	Grant In Aid

College	Program	City	Stream	Program Level	Program Type
	(Economics)				
P.G.Department of Education - V.V.Nagar	Doctorate of Philosophy	V.V.Nagar	Education	PG	Grant In Aid
	Master of Education (2 YEARS)	V.V.Nagar	Education	PG	Grant In Aid
	Master of Philosophy (Education)	V.V.Nagar	Education	PG	Self Finance
P.G.Department of Electronics - V.V.Nagar	Master of Science (Electronics)	V.V.Nagar	Science	PG	Grant In Aid
	Master of Science (Electronics)	V.V.Nagar	Science	PG	Self Finance
P.G.Department of English - V.V.Nagar	Master of Arts (English)	V.V.Nagar	Arts	PG	Grant In Aid
	Master of Arts (English)	V.V.Nagar	Arts	PG	Self Finance
	Master of Philosophy (English)	V.V.Nagar	Arts	PG	Grant In Aid
	Master of Philosophy (English)	V.V.Nagar	Arts	PG	Self Finance
P.G.Department of Gujarati - V.V.Nagar	Doctorate of Philosophy	V.V.Nagar	Arts	PG	Grant In Aid
	Master of Arts (Gujarati)	V.V.Nagar	Arts	PG	Grant In Aid
	Master of Arts (Gujarati)	V.V.Nagar	Arts	PG	Self Finance
	Master of Philosophy (Gujarati)	V.V.Nagar	Arts	PG	Grant In Aid
P.G.Department of Hindi - V.V.Nagar	(Hindi) Linguistics	V.V.Nagar	Arts	PG	Grant In Aid
	Drama and Dramatics	V.V.Nagar	Arts	PG	Grant In Aid
	Functional Hindi	V.V.Nagar	Arts	PG	Grant In Aid
	Master of Arts (Hindi)	V.V.Nagar	Arts	PG	Grant In Aid
	Master of Arts (Hindi)	V.V.Nagar	Arts	PG	Self Finance
	Master of Philosophy (Hindi)	V.V.Nagar	Arts	PG	Grant In Aid
	Master of Philosophy (Hindi)	V.V.Nagar	Arts	PG	Self Finance
P.G.Department of History - V.V.Nagar	Master of Arts (History)	V.V.Nagar	Arts	PG	Grant In Aid

College	Program	City	Stream	Program Level	Program Type
	Master of Arts (History)	V.V.Nagar	Arts	PG	Self Finance
	Master of Philosophy (History)	V.V.Nagar	Arts	PG	Grant In Aid
P.G.Department of Home Science - V.V.Nagar	Doctorate of Philosophy	V.V.Nagar	Home Science	PG	Grant In Aid
	Master of Science (Home Science) (Foods and Nutrition)	V.V.Nagar	Home Science	PG	Grant In Aid
	Master of Science (Home Science) (Foods and Nutrition)	V.V.Nagar	Home Science	PG	Self Finance
	Master of Science (Home Science) (General)	V.V.Nagar	Home Science	PG	Grant In Aid
	Master of Science (Home Science) (General)	V.V.Nagar	Home Science	PG	Self Finance
	Master of Science (Home Science) (Human Development)	V.V.Nagar	Home Science	PG	Self Finance
	Master of Science (Home Science) (Food Biotechnology)	V.V.Nagar	Home Science	PG	Self Finance
	Master of Science (Home Science) (Textile & Clothing)	V.V.Nagar	Home Science	PG	Self Finance
	Master of Science (Home Science) (Family Resource Management)	V.V.Nagar	Home Science	PG	Self Finance
P.G.Department of Library & Information Science - V.V.Nagar	Bachelor of Library And Information Science	V.V.Nagar	Arts	UG	Grant In Aid
	Bachelor of Library And Information Science	V.V.Nagar	Arts	UG	Self Finance
	Master of Library & Information Science (Full Time)	V.V.Nagar	Arts	PG	Grant In Aid

College	Program	City	Stream	Program Level	Program Type
	Master of Library & Information Science (Full Time)	V.V.Nagar	Arts	PG	Self Finance
	Master of Library & Information Science (Part Time)	V.V.Nagar	Arts	PG	Self Finance
	Master of Philosophy (Library and Information Science)	V.V.Nagar	Arts	PG	Self Finance
P.G.Department of Materials Science - V.V.Nagar	Master of Science (Materials Science)	V.V.Nagar	Science	PG	Grant In Aid
	Master of Science (Materials Science)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Nano Science & Nano Technology)	V.V.Nagar	Science	PG	Self Finance
P.G.Department of Mathematics - V.V.Nagar	Master of Philosophy (Mathematics)	V.V.Nagar	Science	PG	Grant In Aid
	Master of Science (Mathematics)	V.V.Nagar	Science	PG	Grant In Aid
	Master of Science (Mathematics)	V.V.Nagar	Science	PG	NRI
	Master of Science (Mathematics)	V.V.Nagar	Science	PG	Self Finance
P.G.Department of Pharmaceutical Science - V.V.Nagar	Master of Pharmacy (Quality Assurance)	V.V.Nagar	Pharmacy	PG	Self Finance
	Master of Pharmacy (Pharmaceutics)	V.V.Nagar	Pharmacy	PG	Self Finance
P.G.Department of Physics - V.V.Nagar	Master of Philosophy (Physics)	V.V.Nagar	Science	PG	Grant In Aid
	Master of Philosophy (Physics)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Physics)	V.V.Nagar	Science	PG	Grant In Aid
	Master of Science (Physics)	V.V.Nagar	Science	PG	Self Finance
P.G.Department of Political Science - V.V.Nagar	Master of Arts (Political Science)	V.V.Nagar	Arts	PG	Grant In Aid
	Master of Philosophy (Political Science)	V.V.Nagar	Arts	PG	Grant In Aid
P.G.Department of	Bachelor of	V.V.Nagar	Education	UG	Self

College	Program	City	Stream	Program Level	Program Type
Psychology - V.V.Nagar	Education (Special) (MR)				Finance
	Bachelor of Education (Special) (MR) (2 Years)	V.V.Nagar	Education	UG	Self Finance
	Master of Arts (Psychology)	V.V.Nagar	Arts	PG	Grant In Aid
	Master of Arts (Psychology)	V.V.Nagar	Arts	PG	Self Finance
	Master of Education (Special) (MR)	V.V.Nagar	Education	PG	Self Finance
	Master of Education (Special) (MR) (2 Years)	V.V.Nagar	Education	PG	Self Finance
	Master of Philosophy (Psychology)	V.V.Nagar	Arts	PG	Grant In Aid
P.G.Department of Sanskrit - V.V.Nagar	Master of Arts (Sanskrit)	V.V.Nagar	Arts	PG	Grant In Aid
	Master of Arts (Sanskrit)	V.V.Nagar	Arts	PG	Self Finance
	Master of Philosophy (Sanskrit)	V.V.Nagar	Arts	PG	Grant In Aid
P.G.Department of Social Work - V.V.Nagar	Master of Philosophy (Social Work)	V.V.Nagar	Arts	PG	Self Finance
	Master of Social Work	V.V.Nagar	Arts	PG	NRI
	Master of Social Work	V.V.Nagar	Arts	PG	Self Finance
	Master of Social Work (HR)	V.V.Nagar	Arts	PG	NRI
	Master of Social Work (HR)	V.V.Nagar	Arts	PG	Self Finance
P.G.Department of Sociology - V.V.Nagar	Master of Arts (Sociology)	V.V.Nagar	Arts	PG	Grant In Aid
	Master of Arts (Sociology)	V.V.Nagar	Arts	PG	Self Finance
	Master of Philosophy (Sociology)	V.V.Nagar	Arts	PG	Grant In Aid
P.G.Department of Statistics - V.V.Nagar	Master of Philosophy (Statistics)	V.V.Nagar	Science	PG	Grant In Aid
	Master of Science (Applied Statistics)	V.V.Nagar	Science	PG	Self Finance

College	Program	City	Stream	Program Level	Program Type
	Master of Science (Quality & Productivity Management)	V.V.Nagar	Science	PG	NRI
	Master of Science (Quality & Productivity Management)	V.V.Nagar	Science	PG	Self Finance
	Master of Science (Statistics)	V.V.Nagar	Science	PG	Grant In Aid
	Master of Science (Statistics)	V.V.Nagar	Science	PG	NRI
P.P.Patel College of Social Science - Dahemi	Bachelor of Social Work	Dahemi	Arts	UG	Self Finance
	Master of Social Work	Dahemi	Arts	PG	Self Finance
Parekh Brothers Science College - Kapadwanj	Bachelor of Science	Kapadwanj	Science	UG	Grant In Aid
	Master of Science (Chemistry)	Kapadwanj	Science	PG	Self Finance
Patel A. M. Rudelwala Commerce College - Borsad	Bachelor of Commerce	Borsad	Business Studies	UG	Grant In Aid
Patel J. B. Rudelwala Arts College - Borsad	Bachelor of Arts	Borsad	Arts	UG	Grant In Aid
Patel J. D. K. Davolwala Sci. College - Borsad	Bachelor of Science	Borsad	Science	UG	Grant In Aid
Pramukhswami Medical College - Karamsad	Bachelor of Medicine and Bachelor of Surgery (MBBS)	Karamsad	Medicine	UG	Self Finance
	Diploma in Anesthesia	Karamsad	Medicine	PG	Self Finance
	Diploma in Child Health	Karamsad	Medicine	PG	Self Finance
	Diploma in Clinical Pathology	Karamsad	Medicine	PG	Self Finance
	Diploma in Obstetrics & Gynecology	Karamsad	Medicine	PG	Self Finance
	Diploma in Ophthalmology	Karamsad	Medicine	PG	Self Finance
	Diploma in Orthopedics	Karamsad	Medicine	PG	Self Finance
	Diploma in Public Health	Karamsad	Medicine	PG	Self Finance
	Diploma in Radio-	Karamsad	Medicine	PG	Self

College	Program	City	Stream	Program Level	Program Type
	Diagnosis				Finance
	Diploma in Tuberculosis & Chest	Karamsad	Medicine	PG	Self Finance
	Doctorate of Philosophy	Karamsad	Medicine	PG	Self Finance
	MD (Paediatric)	Karamsad	Medicine	PG	Self Finance
	MD (Radio - Diagnosis)	Karamsad	Medicine	PG	Self Finance
	MD (Respiratory Medicine)	Karamsad	Medicine	PG	Self Finance
	MD - Anesthesiology	Karamsad	Medicine	PG	Self Finance
	MD - Bio-Chemistry	Karamsad	Medicine	PG	Self Finance
	MD - Dermatology, Venereology & Leprosy	Karamsad	Medicine	PG	Self Finance
	MD - General Medicine	Karamsad	Medicine	PG	Self Finance
	MD - Microbiology	Karamsad	Medicine	PG	Self Finance
	MD - Pathology	Karamsad	Medicine	PG	Self Finance
	MD - Pharmacology	Karamsad	Medicine	PG	Self Finance
	MD - Physiology	Karamsad	Medicine	PG	Self Finance
	MD - Social & Preventive Medicine / Community Medicine	Karamsad	Medicine	PG	Self Finance
	MD in (Chest Medicine)	Karamsad	Medicine	PG	Self Finance
	MD in (Forensic Medicine)	Karamsad	Medicine	PG	Self Finance
	MD/MS - Anatomy	Karamsad	Medicine	PG	Self Finance
	MD/MS - Obstetrics & Gynaecology	Karamsad	Medicine	PG	Self Finance
	MD/MS - Ophthalmology	Karamsad	Medicine	PG	Self Finance
	MS - ENT	Karamsad	Medicine	PG	Self Finance
	MS - General	Karamsad	Medicine	PG	Self



College	Program	City	Stream	Program Level	Program Type
	Surgery				Finance
	MS - Orthopedics	Karamsad	Medicine	PG	Self Finance
	Postgraduate Diploma in Dermatology, Venereology and Leprosy	Karamsad	Medicine	PG	Self Finance
	Postgraduate Diploma in Oto-Rhino-Laryngology	Karamsad	Medicine	PG	Self Finance
	Postgraduate Diploma in Skin & VD	Karamsad	Medicine	PG	Self Finance
R.N.Patel Ipcowala School of Law and Justice - V.V.Nagar	Integrated Bachelor of Arts (Honours) and Bachelor of Law (BA, LLB)	V.V.Nagar	Law	UG	Self Finance
	Integrated Bachelor of Business Administration (Honours) and Bachelor of Law (BBA, LLB)	V.V.Nagar	Law	UG	Self Finance
	Integrated Bachelor of Commerce (Honours) and Bachelor of Law (BCom, LLB)	V.V.Nagar	Law	UG	Self Finance
Rama Manubhai Desai College of Music & Dance - V.V.Nagar	Diploma in Guitar	V.V.Nagar	Arts	UG	Grant In Aid
	Diploma in Harmonium	V.V.Nagar	Arts	UG	Grant In Aid
	Diploma in Sitar	V.V.Nagar	Arts	UG	Grant In Aid
	Diploma in Tabla	V.V.Nagar	Arts	UG	Grant In Aid
	Diploma in Violin	V.V.Nagar	Arts	UG	Grant In Aid
	Diploma in Vocal Music	V.V.Nagar	Arts	UG	Grant In Aid
S.M.Patel College of Home Science - V.V.Nagar	Bachelor of Home Science (Food Science & Quality Control) (SF-Vocational)	V.V.Nagar	Home Science	UG	Self Finance
	Bachelor of Science (Home Science)	V.V.Nagar	Home Science	UG	Grant In Aid

College	Program	City	Stream	Program Level	Program Type
	Certificate Course Fashion Designer	V.V.Nagar	Home Science	UG	Self Finance
	Certificate Course Sport Nutrition	V.V.Nagar	Home Science	UG	Self Finance
	Diploma in Sport and Nutrition	V.V.Nagar	Home Science	UG	Self Finance
Sardar Patel College of Administration and Management - Bakrol	B.B.A. (General)	Bakrol	Management	UG	Self Finance
	B.B.A. (ISM)	Bakrol	Management	UG	Self Finance
	Bachelor of Computer Application	Bakrol	Science	UG	Self Finance
Sardar Patel College of Commerce - Bakrol	Bachelor of Commerce	Bakrol	Business Studies	UG	Self Finance
Sardar Patel College of Education - Bakrol	Bachelor of Education (2 Years)	Bakrol	Education	UG	Self Finance
Sardar Patel Institute of Applied Sciences - Bakrol	Bachelor of Science	Bakrol	Science	UG	Self Finance
Sardargunj Mercantile Co-Op. Bank Ltd. (Anand) English Medium College of Commerce and Management - V.V.Nagar	B.B.A. (General)	V.V.Nagar	Management	UG	Self Finance
	B.B.A. (ITM) (3 Years)	V.V.Nagar	Management	UG	Self Finance
	Bachelor of Commerce	V.V.Nagar	Business Studies	UG	Self Finance
	Bachelor of Computer Application	V.V.Nagar	Science	UG	Self Finance
	M.Com. (E-Business)	V.V.Nagar	Business Studies	PG	Self Finance
	Master of Commerce	V.V.Nagar	Business Studies	PG	Self Finance
	Master of E-Business	V.V.Nagar	Management	PG	Self Finance
Secondary Teacher's Training College - Kheda	Bachelor of Education (2 Years)	Kheda	Education	UG	Grant In Aid
Shah K. S. Arts and V. M. Parekh Commerce College - Kapadwanj	Bachelor of Arts	Kapadwanj	Arts	UG	Grant In Aid
	Bachelor of Commerce	Kapadwanj	Business Studies	UG	Grant In Aid
	Master of Arts (Sanskrit)	Kapadwanj	Arts	PG	Self Finance
Shantaben Manubhai Patel School of Studies & Research in	Bachelor of Architecture	V.V.Nagar	Engineering	UG	Self Finance
	Bachelor of Interior	V.V.Nagar	Arts	UG	Self

College	Program	City	Stream	Program Level	Program Type
Architecture & Interior Design - New V.V.Nagar	Design (3 Years)				Finance
	Bachelor of Interior Design (4 Years)	V.V.Nagar	Arts	UG	Self Finance
	Bachelor of Planning	V.V.Nagar	Engineering	UG	Self Finance
	Certificate Course Interior Design	V.V.Nagar	Arts	UG	Self Finance
Shivam Institute of Management Commerce & Computer Technology - Valasan	Bachelor of Computer Application	Valasan	Science	UG	Self Finance
Shivam Institute of Science & Peramedical College - Valasan	Master of Science (Industrial Chemistry)	Valasan	Science	PG	Self Finance
Shree Bhikhabhai Patel Arts College - Anand	Bachelor of Arts	Anand	Arts	UG	Grant In Aid
	Bachelor of Social Work	Anand	Arts	UG	Self Finance
	Master of Social Work	Anand	Arts	PG	Self Finance
Shree G. J. Patel College of Management & Technology - V.V.Nagar	B.B.A. (General)	V.V.Nagar	Management	UG	Self Finance
	Bachelor of Commerce	V.V.Nagar	Business Studies	UG	Self Finance
	Bachelor of Computer Application	V.V.Nagar	Science	UG	Self Finance
Shree G.H.Patel School of Nursing - Karamsad	Diploma in General Nursing and Midwifery	Karamsad	Medicine	UG	Self Finance
Shree J.M.Patel Arts College - Anand	Bachelor of Arts	Anand	Arts	UG	Self Finance
Shree J.M.Patel Institute of Social Work & Applied Arts - Anand	Bachelor of Social Work	Anand	Arts	UG	Self Finance
	Master of Social Work	Anand	Arts	PG	Self Finance
	Master of Social Work (HR)	Anand	Arts	PG	Self Finance
	Postgraduate Diploma in Mass Communication and Journalism	Anand	Arts	PG	Self Finance
Shree J.M.Patel P.G.Studies & Research in Humanities - Anand	Master of Arts (Education)	Anand	Arts	PG	Self Finance
	Master of Arts (English)	Anand	Arts	PG	Self Finance

College	Program	City	Stream	Program Level	Program Type
	Master of Arts (Gujarati)	Anand	Arts	PG	Self Finance
	Master of Arts (Hindi)	Anand	Arts	PG	Self Finance
	Master of Arts (Sanskrit)	Anand	Arts	PG	Self Finance
Shree P.M.Patel College of Computer Science & Technology - Anand	Bachelor of Computer Application	Anand	Science	UG	Self Finance
Shree P.M.Patel College of Education - Anand	Bachelor of Education (2 Years)	Anand	Education	UG	Self Finance
Shree P.M.Patel College of Electronics & Communication - Anand	Bachelor of Science	Anand	Science	UG	Self Finance
	Master of Science (Electronics & Communication)	Anand	Science	PG	Self Finance
Shree P.M.Patel College of Law & Human Rights - Anand	Bachelor of Laws (CBCS)	Anand	Law	UG	Self Finance
Shree P.M.Patel College of Paramedical Science & Technology - Anand	B.Sc. Medical Technology (CLT)	Anand	Medicine	UG	Self Finance
Shree P.M.Patel Institute of Biosciences - Anand	Bachelor of Science	Anand	Science	UG	Self Finance
Shree P.M.Patel Institute of Business Administration - Anand	B.B.A. (General)	Anand	Management	UG	Self Finance
	B.B.A. (ISM)	Anand	Management	UG	Self Finance
	B.B.A. (ITM) (3 Years)	Anand	Management	UG	Self Finance
Shree P.M.Patel Institute of P.G.Studies & Research in Science - Anand	Master of Philosophy (Chemistry)	Anand	Science	PG	Self Finance
	Master of Science (Biochemistry)	Anand	Science	PG	Self Finance
	Master of Science (Biotechnology)	Anand	Science	PG	Self Finance
	Master of Science (Chemistry)	Anand	Science	PG	Self Finance
	Master of Science (Microbiology)	Anand	Science	PG	Self Finance
Shree P.M.Patel	Master of Science	Anand	Science	PG	Self

College	Program	City	Stream	Program Level	Program Type
Institute of Post Graduate Studies and Research in Applied Science - Anand	(Forensic Science)				Finance
	Master of Science (Information Technology)	Anand	Science	PG	Self Finance
	PGDCAA	Anand	Science	PG	Self Finance
Shree P.M.Patel Post Graduate Institute of Law & Human Rights - Anand	Diploma in Corporate Law and Management	Anand	Law	UG	Self Finance
	Diploma in Cyber Law	Anand	Law	UG	Self Finance
	Diploma in Human Right Law	Anand	Law	UG	Self Finance
	Diploma in Labour Practice	Anand	Law	PG	Self Finance
	Diploma in Taxation Practice	Anand	Law	PG	Self Finance
	Master of Law (Business Law) (Effective from 2016)	Anand	Law	PG	Self Finance
	Master of Law (Criminal Law)	Anand	Law	PG	Self Finance
	Master of Law (Environment & Legal Order)	Anand	Law	PG	Self Finance
	Master of Law (Human Rights Law)	Anand	Law	PG	Self Finance
Shree R.N.Patel Institute of Design - Anand	Bachelor of Interior Design (4 Years)	Anand	Arts	UG	Self Finance
Shri Alpesh N. Patel Post Graduate Institute of Science & Research - Anand	Master of Science (Biochemistry)	Anand	Science	PG	Self Finance
	Master of Science (Biotechnology)	Anand	Science	PG	Self Finance
	Master of Science (Chemistry)	Anand	Science	PG	Self Finance
	Master of Science (Information Technology)	Anand	Science	PG	Self Finance
	Master of Science (Mathematics)	Anand	Science	PG	Self Finance
	Master of Science (Microbiology)	Anand	Science	PG	Self Finance
	Master of Science (Physics)	Anand	Science	PG	Self Finance
	Master Of Science -	Anand	Medicine	PG	Self

College	Program	City	Stream	Program Level	Program Type
	Medical Technology (CLT)				Finance
Shri Amrut Mody College of Mass Communication and Journalism - Nadiad	B.A. (Mass Communication & Journalism)	Nadiad	Arts	UG	Self Finance
Shri Babubhai Girdharbhai Patel College of Physiotherapy - Anand	Bachelor of Physiotherapy	Anand	Medicine	UG	Self Finance
	Master of Physiotherapy	Anand	Medicine	PG	Self Finance
Shri Bhaikaka Government Arts and Commerce College - Sojitra	Bachelor of Arts	Sojitra	Arts	UG	Grant In Aid
	Bachelor of Commerce	Sojitra	Business Studies	UG	Grant In Aid
Shri Bhikhabhai Patel Institute of PG studies & Research in Humanities - Anand	Master of Arts (English)	Anand	Arts	PG	Self Finance
	Master of Arts (Hindi)	Anand	Arts	PG	Self Finance
Shri D.N. Institute of Business Administration - Anand	B.B.A. (General)	Anand	Management	UG	Self Finance
	B.B.A. (ITM) (3 Years)	Anand	Management	UG	Self Finance
Shri D.N. Institute of Computer Applications - Anand	Bachelor of Computer Application	Anand	Science	UG	Self Finance
Shri D.N. Institute of P.G. Studies in Commerce - Anand	Master of Commerce	Anand	Business Studies	PG	Self Finance
Shri G.H.Patel College of Nursing - Karamsad	B.Sc. (Nursing)	Karamsad	Medicine	UG	Self Finance
Shri I.J.Patel B.Ed College - Mogri	Bachelor of Education (2 Years)	Mogri	Education	UG	Self Finance
Shri K. G. Patel College of Education - Ode	Bachelor of Education (2 Years)	Ode	Education	UG	Self Finance
Shri P.M.Patel Institute of Integrated M.Sc in Biotechnology - Anand	Bachelor of Science	Anand	Science	UG	Self Finance
	Master of Science (Integrated BioTechnology)	Anand	Science	UG	Self Finance
Shri R. P. Anada College of Education - Borsad	Bachelor of Education (2 Years)	Borsad	Education	UG	Grant In Aid
Shri R. P. Arts, K. B. Comm & Smt. B. C. J. Sci. College -	Bachelor of Arts	Khambhat	Arts	UG	Grant In Aid
	Bachelor of	Khambhat	Business	UG	Grant In

College	Program	City	Stream	Program Level	Program Type
Khambhat	Commerce		Studies		Aid
	Bachelor of Science	Khambhat	Science	UG	Grant In Aid
	Bachelor of Science (Home Science)	Khambhat	Home Science	UG	Grant In Aid
	Master of Science (Chemistry)	Khambhat	Science	PG	Self Finance
Shri S. D. Patel Arts & C. M. Patel Commerce College - Anklav	Bachelor of Arts	Anklav	Arts	UG	Grant In Aid
	Bachelor of Commerce	Anklav	Business Studies	UG	Grant In Aid
Shri V. Z. Patel Commerce College - Anand	Bachelor of Commerce	Anand	Business Studies	UG	Self Finance
Shri. R. K. Parikh Arts & Science College - Petlad	Bachelor of Arts	Petlad	Arts	UG	Grant In Aid
	Bachelor of Science	Petlad	Science	UG	Grant In Aid
	Master of Arts (Economics)	Petlad	Arts	PG	Self Finance
	Master of Arts (Gujarati)	Petlad	Arts	PG	Self Finance
	Master of Arts (Sociology)	Petlad	Arts	PG	Self Finance
Shri.Bavisgam B.Ed College - V.V.Nagar	Bachelor of Education (2 Years)	V.V.Nagar	Education	UG	Self Finance
Smt. Ashaben Rasikbhai Vikani Science College - Amsaran	Bachelor of Science	Amsaran	Science	UG	Self Finance
Smt. B. C. J. College of Education - Khambhat	Bachelor of Education (2 Years)	Khambhat	Education	UG	Grant In Aid
Smt. B. C. J. College of Education (M.Ed.) - Khambhat	Master of Education (2 YEARS)	Khambhat	Education	PG	Self Finance
Smt. Dhariniben A. Shukla B.Ed College - Mahemdabad	Bachelor of Education (2 Years)	Mahemdabad	Education	UG	Self Finance
Smt. Hiraba Motibhai Patel Institute of Performing Arts - Anand	Bachelor of Performing Arts	Anand	Arts	UG	Self Finance
Smt. Jayaben B. Patel College Commerce Studies and Research - Anand	Bachelor of Commerce	Anand	Business Studies	UG	Self Finance
Smt. Jayaben B. Patel	Master of	Anand	Business	PG	Self

College	Program	City	Stream	Program Level	Program Type
Post Graduate Institute of Business Studies & Research - Anand	Commerce		Studies		Finance
Smt. Kamlaben P.Patel Institute of Physiotherapy & Occupational Therapy - Anand	Bachelor of Occupational Therapy	Anand	Medicine	UG	Self Finance
	Master of Occupation Therapy	Anand	Medicine	PG	Self Finance
Smt. L.P.Patel Institute of Medical Laboratory Technology - Karamsad	Diploma in Medical Laboratory Technology (DMLT)	Karamsad	Medicine	PG	Self Finance
	Master Of Science - Medical Technology (CLT)	Karamsad	Medicine	PG	Self Finance
Smt. Minakshiben D. Patel Institute of Physical Science & Research - Anand	Master of Science (Chemistry)	Anand	Science	PG	Self Finance
	Master of Science (Mathematics)	Anand	Science	PG	Self Finance
	Master of Science (Physics)	Anand	Science	PG	Self Finance
Smt. S. I. Patel Ipcowala College of Commerce - Petlad	Bachelor of Commerce	Petlad	Business Studies	UG	Grant In Aid
	Master of Commerce	Petlad	Business Studies	PG	Self Finance
Smt. S. I. Patel Ipcowala College of Education - Petlad	Bachelor of Education (2 Years)	Petlad	Education	UG	Grant In Aid
Smt. Saralaben Babubhai Patel Arts & Shri Rambhai Nathabhai Amin Com. College - Vaso	Bachelor of Arts	Vaso	Arts	UG	Grant In Aid
	Bachelor of Commerce	Vaso	Business Studies	UG	Grant In Aid
Smt. Shantaben Kanchanlal Shah College of Education - Kapadwanj	Bachelor of Education (2 Years)	Kapadwanj	Education	UG	Self Finance
Smt. T. J. Patel English/Gujarati Medium Commerce College - Nadiad	Bachelor of Commerce	Nadiad	Business Studies	UG	Self Finance
Smt.Kamlaben.P Patel College of Home Science - Anand	Master of Science (Home Science) (Foods and Nutrition)	Anand	Home Science	PG	Self Finance
	Master of Science	Anand	Home	PG	Self



College	Program	City	Stream	Program Level	Program Type
	(Home Science) (Food Biotechnology)		Science		Finance
	Postgraduate Diploma in Dietetics	Anand	Home Science	PG	Self Finance
Smt.P.K.Inamdar College of Education - Bakrol	Bachelor of Education (2 Years)	Bakrol	Education	UG	Self Finance
St. Stephen Institute of Business Management & Technology - Anand	B.B.A. (General)	Anand	Management	UG	Self Finance
	Bachelor of Commerce	Anand	Business Studies	UG	Self Finance
	Bachelor of Computer Application	Anand	Science	UG	Self Finance
	Master of Science (Information Technology)	Anand	Science	PG	Self Finance
Takshashila College of Management & Technology - Bakrol	Master of E-Business	Bakrol	Management	PG	Self Finance
Tarkesh & Niranjana Sureshbhai Patel Commerce College - Boriavi	B.B.A. (General)	Boriavi	Management	UG	Self Finance
	Bachelor of Commerce	Boriavi	Business Studies	UG	Self Finance
	Bachelor of Computer Application	Boriavi	Science	UG	Self Finance
The Mahemdabad Education Society B.Ed. College - Mahemdabad	Bachelor of Education (2 Years)	Mahemdabad	Education	UG	Self Finance
U. T. S. Mahila Arts College - Nadiad	Bachelor of Arts	Nadiad	Arts	UG	Grant In Aid
	Master of Arts (Economics)	Nadiad	Arts	PG	Self Finance
	Master of Arts (Gujarati)	Nadiad	Arts	PG	Self Finance
	Master of Arts (Sociology)	Nadiad	Arts	PG	Self Finance
V.P. & R.P.T.P Science College - V.V.Nagar	Bachelor of Computer Application	V.V.Nagar	Science	UG	Self Finance
	Bachelor of Science	V.V.Nagar	Science	UG	Grant In Aid
	Bachelor of Science	V.V.Nagar	Science	UG	Self

College	Program	City	Stream	Program Level	Program Type
					Finance
Vinayaka College of I.T And Management - Nadiad	B.B.A. (General)	Nadiad	Management	UG	Self Finance
	Bachelor of Commerce	Nadiad	Business Studies	UG	Self Finance
	Bachelor of Computer Application	Nadiad	Science	UG	Self Finance
Vinayaka College of Law and Justice - Nadiad	Bachelor of Laws (CBCS)	Nadiad	Law	UG	Self Finance
Vinayaka College of Nursing - Nadiad	B.Sc. (Nursing)	Nadiad	Medicine	UG	Self Finance
Vinayaka College of Pure and Applied Science - Nadiad	Bachelor of Science	Nadiad	Science	UG	Self Finance
Vinayaka Institute of Nursing - Bakrol	B.Sc. (Nursing)	Bakrol	Medicine	UG	Self Finance
	Post Basic B.Sc. (Nursing)	Bakrol	Medicine	PG	Self Finance
Vinayaka Institute of Physiotherapy - Bakrol	Bachelor of Physiotherapy	Bakrol	Medicine	UG	Self Finance
Waymade College of Education - V.V.Nagar	Bachelor of Education (Advanced) (2 Years)	V.V.Nagar	Education	UG	Self Finance
	Master of Education (2 YEARS)	V.V.Nagar	Education	PG	Self Finance
	Master of Philosophy (Education)	V.V.Nagar	Education	PG	Self Finance
Zyodus School of Nursing - Anand	B.Sc. (Nursing)	Anand	Medicine	UG	Self Finance

## Vice Chancellors

Sr No	Name	Period
1	Dr Bhailalbhai D Patel (Shri Bhaikaka)	19-12-1955 to 18-12-1958
2	Shri Babubhai J Patel	19-12-1958 to 18-12-1961
3	Dr Maganbhai D Patel	19-12-1961 to 15-11-1963
4	Shri Ishvarbhai J Patel	16-11-1963 to 24-04-1970
5	Shri Rameshbhai S Mehta	25-04-1970 to 31-12-1974
6	Dr Ramanbhai D Patel	19-04-1975 to 18-04-1978
7	Dr Ranchhodbhai M Patel	19-04-1978 to 18-04-1981
8	Shri Krishnalal N Shah	19-04-1981 to 18-04-1987
9	Dr Kantibhai C Patel	19-04-1987 to 18-04-1990
10	Dr Dilavarsinh D Jadeja	19-04-1990 to 18-04-1996
11	Dr Vitthalbhai S Patel	25-07-1996 to 24-07-2002
12	Dr Pravinchandra J Patel	19-09-2002 to 18-09-2005
13	Dr Bharatkumar G Patel	17-05-2007 to 17-05-2010
14	Dr Harish Padh	01-07-2010 to 30-06-2013
15	Dr Harish Padh	01-08-2013 to 31-07-2016
16	Dr Shirish Kulkarni	01-09-2016 onwards

## Registrars

Sr No	Name	Period
1	Shri C N Patel	15-12-1956 to 08-07-1957
2	Shri K J Majmudar	03-12-1957 to 22-06-1960
3	Shri H A Mistry	01-10-1961 to 07-06-1962
4	Shri D B Patel	09-06-1962 to 08-12-1963
5	Shri K A Amin	01-06-1964 to 04-02-1980
6	Shri R C Thakkar	05-02-1980 to 23-08-1988
7	Shri Niranjana Upadhyay	01-10-1988 to 23-02-1993
8	Shri Chandrakant M Patel	01-09-1993 to 17-12-1995
9	Shri Kanubhai M Patel	18-12-1995 to 17-10-1998
10	Dr B Natraj	01-09-2000 to 31-10-2010
11	Dr R H Rajput	02-05-2016 onwards

## University Departments at a Glance

### **B R Doshi School of Biosciences** (Department of Biosciences) (A UGC-SAP, COSIST, and DST-FIST Department)

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**Head:** Prof (Dr) AVRL Narasimhacharya, **Phones:** (O) 02692-234402 (R) 02692-235815 (Fax) 02692-234402

**Faculty:** 7 Professors, 6 Associate Professors, 1 Assistant Professor.

Sr No	Name	Designation	Academic Qualification
1	Prof AVRL Narsimhacharya	Professor	MSc, PhD
2	Dr Datta Madamwar	Professor	MSc, PhD
3	Dr (Ms) Kiran Kalia	Professor	MSc, PhD
4	Dr K C Patel	Professor	MSc, PhD
5	Dr J S S Mohan	Professor	MSc, PhD
6	Dr R B Subramanian	Professor	MSc, PhD
7	Dr T V Ramanrao	Professor	MSc, PhD
8	Dr H R Keharia	Associate Professor	MSc, PhD
9	Dr A S Reddy	Associate Professor	MSc, PhD
10	Dr U B Trivedi	Associate Professor	MSc, PhD
11	Dr (Ms) Amita R Shah	Associate Professor	MSc, PhD
12	Dr (Ms) Sujata S Bhatt	Associate Professor	MSc, PhD
13	Dr V R Thakkar	Associate Professor	MSc, PhD
14	Dr M Natraj	Assistant Professor	MSc, PhD

**Technical and Supporting Staff:** 4 Technical Staff, 1 Administrative Staff, 1 Supporting Staff.

**Courses offered:** MSc (Biochemistry, Biotechnology, Botany, Industrial Biotechnology, Microbiology, Zoology) PhD (Botany, Biochemistry, Biotechnology, Microbiology, Zoology).

**Research Facilities:** Phase contrast microscope, Photomicroscope, Fluorescence microscope, Research microscope with photographic system, Inverted microscope, HPLC, HPTLC, TOC (Shimadza), Elisa Plate Reader, Cryocut, UV Visible spectrophotometers, FPLC, 2D Electrophoresis (BioRad), Lyophilizer (FTS), -85° Deep Freezer (Sanyo), Refrigerated Centrifuges, Microwave Digester, Atomic absorption spectrophotometer (Analytik Jena), Hybridisation Oven, UV Cross Linker, Glass Knife Maker, Ultra Microtome, Two Semiautomatic Microtome and manual Microtomes, Stirrer Cell, Fermentor, Electrophoresis with Vacuum Blot, Thermocyclers, FTIR Water Purification system

#### **Major Research Activities**

##### **Microbial and Environmental Biotechnology**

- Purification and Structural Characterization of Phycobiliproteins from Cyanobacteria and other microbial pigments
- Identification of novel genes for bioremediation through metagenomic approach
- Production of microbial enzymes and biodegradable polymers using agrowaste
- Characterization of metal hypertolerant microorganisms.
- Identification of novel enzymes/metabolites from Microorganism
- Isolation of Lactobacilli and their probiotic potential

**Plant and Animal Sciences**

- Histology and histochemistry of cambial development in tropical trees
- Histo-physiology of fruit development and ripening
- Pre and postharvest technology of fruits
- Micropropagation of economically and medicinally important plants
- Elucidation of disease resistance mechanisms in plant at structural, biochemical and molecular levels
- Genetic variants in diabetic population and its association with onset of diabetes and its secondary complications
- Proteomic identification and characterization of new biomarkers in diabetic complications
- Cell and tissue specific responses in growth and regeneration of reptilian tail
- Development of novel feed supplements for fresh water fish
- Mammalian Physiology (Carbohydrate, Lipid Metabolism, Hypertension, Fluorosis–bioremediation)

**Plant and Microbial Biodiversity**

- Distribution mapping of some medicinal plants in Shoolpaneshwar Wild life sanctuary
- Screening, isolation and characterization of Plant Growth Promoting Rhizobacteria (PGPR) from various ecological niches.

**International Collaboration:** Molecular and Environmental Biotechnology Research Centre, University of Manchester, UK, Department of Chemistry and Chemical Engineering, Polytechnic University, Brooklyn, New York, USA, Department of Biotechnology, Griffith University, Australia, Institute of Plant Genetics and Biotechnology, Slovak Academy of Sciences, Nitra, Slovak Republic, School of Health Sciences, Purdue University, West Lafayette, USA.

**National:** BV Patel Pharmaceutical Education and Research Development Centre, (PERD) Ahmedabad; Centre for Cell and Molecular Biology (CCMB) Hyderabad; Indian Institute of Sciences (IISc), Bangalore; National Research Centre for Medicinal and Aromatic Plants (NRC-MAP), Boriavi, Rubber Research Institute of India, Kottayam Kerala, The MS University of Baroda, Vadodara, NEERI, Nagpur, PS Medical College and Hospital, Karamsad, Anand Agriculture University, Anand, National Centre for Cell Sciences, Pune, Indian Institute of Chemical Technology, Hyderabad

**Library Facilities:** Books - 2500, Journals - 10

**Major Achievements:** 1981-UGC-DRS Programme, 1995-UGC-DRS (SAP) Phase-I, 2000-UGC-SAP, 2001-DST-FIST (Phase –I) level – I, and UGC COSIST, 2007-UGC-SAP (DSA) (Phase – II), 2009-DST-FIST (Phase-II) Level-I (B& C), 2010-DBT-Centre of Excellence

Programme	Duration	Eligibility	Highlights
MSc Microbiology	4 Semesters	BSc Microbiology/ BSc (Any Subject of Biosciences)	Focus on Environmental Biotechnology, Fermentation Technology Enzyme Technology and Molecular Biology
PhD Microbiology	6 Semesters	MSc Biosciences	Enzyme and Fermentation Technologies, Environmental Studies, Molecular Biology
MSc Biochemistry	4 Semesters	BSc Biochemistry/ BSc (Any Subject of Biosciences)	Plant and Animal Biochemistry, Molecular Biology, Bioremediation
PhD Biochemistry	6 Semesters	MSc Biosciences	Immunology, Bioremediation, Health Science
MSc Biotechnology	4 Semesters	BSc Biotechnology BSc (Any subject of Biosciences)	General Biotechnology covering Plant, Animal and Microbial Biotechnology

Programme	Duration	Eligibility	Highlights
PhD Biotechnology	6 Semesters	MSc Biosciences	Plant Biotechnology, Microbial Biotechnology and Animal Biotechnology
MSc Botany	4 Semesters	BSc Botany (Any subject of Biosciences)	Systematic and Environmental Biotechnology , Physiology, Biodiversity, Tissue Culture, Biotechnology
PhD Botany	Minimum 6 Semesters	MSc Biosciences	Tissue Culture, Wood Biology, Plant-Microbe interaction, Bio-control, Phytoremediation, Physiology, Plant Systematics
MSc Zoology	4 Semesters	BSc Zoology (Any subject of Biosciences)	Cell Molecular Biology, Immunology, Biotechnology, Applied Physiology, Molecular and Applied Endocrinology, Biology of Behaviour
PhD Zoology	Minimum 6 Semesters	MSc Zoology	Endocrinology, Integumentary, Biology, Toxicology, Mammalian Physiology

## Department of Chemistry

(A DST-FIST Department and UGC Centre for Excellence in Applied Polymers)

**Head:** Prof (Dr) N V Sastry (Head) **Phones: (O)** 02692-226855/56/57 **(R)** 02692-234106 **(Fax)** 2692-226855/236475

**Faculty:** 5 Professors, 5 Assistant Professors, 1 Associate Professor

Sr No	Name	Designation	Academic Qualification
1	Dr N V Sastry	Professor	MSc, PhD
2	Dr D K Raval	Professor	MSc, PhD
3	Dr M N Patel	Professor	MSc, MPhil, PhD
4	Dr M P Patel	Professor	MSc, PhD
5	Dr N J Parmar	Professor	MSc, PhD
6	Dr H M Patel	Associate Professor	MSc, PhD
7	Dr K H Patel	Assistant Professor	MSc, PhD
8	Dr Jignesh H Trivedi	Assistant Professor	MSc, PhD
9	Dr Saurabh S Soni	Assistant Professor	MSc, PhD
10	Dr K R Surati	Assistant Professor	MSc, PhD
11	Dr N P Chikhalia	Assistant Professor	MSc, PhD

**Technical and Supporting Staff:** 2 Technical Staff, 1 Administrative Staff, 5 Supporting Staff, 2 Lab. Staff

**Courses Offered:** MSc (Chemistry with specialization in Organic Chemistry, Inorganic Chemistry, Physical Chemistry, Industrial Polymer Chemistry and Analytical Chemistry), Ph. D. (Chemistry)

• **Major Sophisticated Equipment (for Research and Teaching):** Elemental Analyzer CHNS-O, (Euro EA), Spectrometer (Fluoromax-4/Horiba), Thermal Analyzer (r-60+A), <sup>13</sup>C NMR (400 MHz, Bruker, Avance), UV-VIS Spectrophotometer, Spectrophotometer (V-1800 Shimrdzu, Japan), FT-IR Spectrophotometer (MB 3000, ABB Bomen Inc, Canada), Vibrating Sample Magnetometer (Lakeshore Model 7300), Multi-angle Light Scattering Equipment (WYATT DAWN EOS), High Temperature Gel Permeation Chromatograph (WATERS), HPLC/GPC System, Vapour Pressure Osmometer, Digital Viscometer (Brookfield DV-II), Chemical Impedance Analyser, High Electric Resistance Analyser (KEITHLEY), Atomic Force Microscope (Vicco, USA), Universal Testing

Machine (30K) (Lloyds), Dynamic Mechanical Analyser, Iritec DMA3000 Heat Deflection Temperature and Vicat Softening Point Equipment, Melt Flow Indexer

**Major Research Activities:** Polymer Syntheses, Modification and Characterization, Polymer composites, Studies in Polymer Solutions, Synthesis of Novel Heterocycles, Phthalides, and Dihydroisocoumarins, Coordination Chemistry, Ionic Liquids – Synthesis, Colloidal and Catalytic Properties, Applications in bi-phasic separation of metal ions and in electrochemistry, Organic synthesis, Novel Coordination complexes – Synthesis, Characterization and Biological activity and applications in luminescence devices, Drug carriers and release systems based on Amphiphilic biodegradable polymers, metal based systems and their utility as metallonucleases, High Performance polymers, Materials for Renewable Energy Resources, Equilibrium Thermodynamics of Non electrolyte solutions.

**Interaction/Collaboration:** Bhabha Atomic Research Centre, BARC, Mumbai, Inter University Consortium, DAE Mumbai, CIPET, Ahmedabad, Atul Industries, Valsad.

**Library Resources:** Books 8000, Journals/Periodicals- 20

#### Major Achievements

- About 287 Research papers were published (last five years)
- About 31 papers per year were presented at National/International Conferences/Symposia
- 80 students were awarded PhD Degree (last five years) from 2010 to 31<sup>st</sup> March 2016
- About 250 lakh received as grant for major research projects (completed and on-going in last five years)
- Hari Om PreritBhaikakaSanmanNidhi Trust Ashram awards were received for several research papers
- Grants of Rs.130 lakhs and Rs.38 lakhs were received from UGC New Delhi, under Centre for Advanced Studies (CAS) and from DST, New Delhi under FIST Level II programmes
- The department provides Analytical Services to several industries using above sophisticated equipment.
- Total 75 BSR fellowships were received
- 2 Faculty received USC BSR one time grant (1) Prof H S Patel (2) Prof M N Patel
- UGC BSR faculty fellowship was awarded to Prof H S Patel from June 2014 to May 2017
- 2 DST major research projects are awarded to Dr S S Soni and Dr K R Surati

Programme	Duration	Eligibility	Highlights
MSc Chemistry	4 Semesters	BSc Chemistry	Specializations in Organic Chemistry, Inorganic Chemistry, Physical Chemistry, Analytical Chemistry, Industrial Polymer Chemistry
PhD Chemistry	Minimum 6 Semesters	MSc Chemistry	Different branches of Chemistry as listed above

## G H Patel Postgraduate Department of Computer Science and Technology (Department of Computer Science and Technology)

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**Head:** Prof (Dr) P V Virparia, **Phones:** (O) 02692-236829, 230389 **Ext-207 (R)** 02692 248346 **(Fax)** 02692-236829

**Faculty:** 4 Professors, 1 Associate Professor, 1 Assistant Professor

Sr	Name	Designation	Academic Qualification
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No			
1	Prof P V Virparia	Professor	MCA, PhD (Computer Science)
2	Dr D B Choksi	Professor	MCA, PhD (Computer Science)
3	Dr (Ms) D B Shah	Professor	MCA, PhD (Computer Science)
4	Dr (Ms) Priti S Sajja	Professor	MCA, PhD (Computer Science)
5	Mr B B Patel	Associate Professor	MCA, PhD (Pursuing)
6	Mr J V Smart	Assistant Professor	MCA, PhD (Pursuing)
<b>Contractual/adhoc teaching staff in the Department</b>			
1	Dr Hardik B Pandit	Lecturer	MCA, PhD (Computer Science)
2	Dr Birajkumar V Patel	Lecturer	MCA, PhD (Computer Science)
3	Dr Jigisha K Patel	Lecturer	MCA, PhD (Computer Science)
4	Dr Jigar A Trivedi	Lecturer	MCA, PhD (Computer Science)
5	Ms Raina D Gaharwar	Lecturer	MCA, PhD (Pursuing)
6	Ms Sohneebegum N Saiyad	Lecturer	MCA

**Technical and Supporting Staff:** 3 Technical Staff, 2 Administrative Staff

**Courses Offered:** MCA, PGDCA (PG Diploma in Computer Science and Application), MSc (IT), MPhil, PhD (Computer Science)

**Major Sophisticated Equipment (Teaching and Research):** 1HP Proliant DL380P Gen8 Server, 2 IBM X3650 M3 Servers, 2 IBM X-Series 225 Servers, 1 Compaq ML530 Server, 1 Compaq Alpha Serve DS10, 1 Sun Ultra 10 Server, 1 Apple Mac Book Pro, 204 Computer Systems, 14 Laptop Computers, 2 Tablet PCs (touch screen laptops)

**Operating Systems:** Windows Server 2012 R2 Enterprise Edition Windows 2008 Server R2 Enterprise Edition, Windows 10, Windows 8, Windows 7, Ubuntu Linux 12.04 LTS, Ubuntu Linux 15.10, Sun Solaris 8.0, Tru64 Unix 5.1a

**Software Development Tools:** Development tools for C, C++, Java, C#, Visual Basic. NET, ASP.NET, PHP, HTML, JavaScript, Android Platform, Apple iOS platform, etc. Visual Studio, Eclipse, Net Beans, Android Studio, Xcode IDEs

**Databases:** Oracle 10g, My SQL, Microsoft SQL Server, Microsoft Access, SQLite, etc.

**Web and Multimedia Development Software:** Macromedia Studio MX, 2D Studio MAX, Adobe Photoshop 6.0, Adobe Professional 8.0

**Other Software:** Microsoft Office 2013, Microsoft Office 2010, Microsoft Office 2007, Internet Information Services (IIS) web server, Apache Tomcat web server, GlassFish web server.

**Software subscription:** Microsoft DreamSparc Premium (MSDN AA)

**Major Research Activities:** Image Processing and Multimedia Techniques for Healthcare, Future Generation Compilers, Knowledge Based Systems for Socio-Economic Development, Automation Software Tools, Software Metrics Methodology, High Performance Computing Applications, CAI Software Packages on Simulation, Word Processing Tool for Multi-user UNIX Platform, Software Solution for Sequencing Problem, Library Software, Computer Aided Learning Package on Rotational Water Supply, Decision Support Systems (DSS), MIS for Several Institutional Databases, Simulation Techniques in Agriculture, ERP Systems.

**National/International Linkages:** Microsoft Corporation (India), Bhaskaracharya Institute for Space Applications and Geoinformatics (BISAG), Reliance Info Solutions, Vadodara, Patni Computer Systems, Gandhinagar, WIPRO, Ahmedabad, Centre of the International Cooperation for Computerization (CICC), Japan, Association for Overseas Technical Scholarship (AOTS), Japan.

**Library Facilities:** Books: 7521, Magazines: 11, Journals: 38



**Major achievements:**

- Number of National Awards won 4,
- Conducted 21 Refresher Courses/Training Programmes, Produced 28 PhD

Programme	Duration	Eligibility	Highlight
MCA	6 Semesters	Admissions to MCA programme are given to on the basis of CMAT score through a committee formed by Government of Gujarat.	Covers software development methodologies and software applications.
MCA -Lateral Entry	4 Semesters	Admissions to computer graduates are given directly in second year of MCA on the basis of CMAT score through a committee formed by Government of Gujarat.	Covers software development methodologies and software applications
PGDCA	2 Semesters	Bachelor's degree examination (Under 10+2+3 pattern) of this University or any other examination recognized as equivalent thereto by this University.	Covers major areas in the field of computer Software Applications.
MSc (IT)	4 Semesters	A Student who has passed BSc (Information Science)/BSc (Information Technology)/BSc (Computer Science)/BSc (Bio-Informatics)/BCA/BBA (ITM)/BBA (ISM)/BE (CE)/BE (IT)/BE(EC)/Any Graduate with PGDCA.	Covers areas pertaining to Information Technology and its applications.
MPhil (Computer Science)	4 Semesters (Part-Time)	MCA/MSc (IT)/MSc (CS)	---
PhD (Computer Science) Part Time/ Full Time	Minimum 4 Semesters Minimum 6 Semesters	MPhil (CS)/MCA/MSc (IT)/MSc (CS)	---

**Pramukhswami Institute of Electronics**  
(Department of Electronics)

**Head:** Prof (Dr) (Ms) B H Patel, **Phones:** (O) 02692-226861/226862 (R) 02692-230872 (Fax) 02692-226861

**Faculty:** 1 Professors, 4 Associate Professors, 1 Assistant Professor

Sr No	Name	Designation	Academic Qualification
1	Prof (Ms) Basumati H Patel	Professor	MSc, PhD
2	Dr Sunil S Patel	Associate Professor	MSc, PhD
3	Dr (Ms) Vibha S Vaishnav	Associate Professor	MSc, PhD
4	Mr D B Dave	Associate Professor	MSc (Electronics)
5	Mr Paresh B Patel	Associate Professor	MSc (Electronics)
6	Dr (Ms) S S Patel	Assistant Professor	MSc, PhD
7			

**Technical and Supporting Staff:** 2 Technical Staff, 1 Administrative Staff, 1 Supporting Staff

**Courses Offered:** MSc (Electronics), PhD (Electronics)

**Research Facilities and Activities:** Pulsed Laser Deposition Facility for Thin Film Device (Complex Pro-Excimer LASER), VLSI Design Laboratory with Front and Back and Design Option (Cadence Design Suite). High Vacuum Coating Units, Electron Beam Evaporation Gun, Digital High Impedance Electrometer, Nano Volt Meter, Current Source, Digital thickness Monitor, Spectrophotometer, High Temperature Rotating Furnace, Digital Communication Trainer System, Optical Fiber Trainer System, Microwave Bench, 8 bit and 16 bit Microprocessor Development Systems, PSoC Development Board, Digital Signal Processing Hardware and Software, Digital Storage Oscilloscope and Wave form processor, Spectrum Analyzer, Logic State Analyzer, Computers and Software, Programmable logic controller, Optical Microscope, Computer Systems(65), Digital Image Processing Hardware and Software , Color Frame Grabber Card Precision LCR meter, Antenna Trainer, GPS Trainer VLSI Laboratory Chemical Free PCB Development Facility, Siemens Make PLC with Training Modules (HMI). Agilent Make 3 GHZ MSO, Programmable Power Supply, Solar Cell Trainer.

**Major Research Activities:** Electronic/Semiconducting Materials and Devices, Memory Switching devices, Optical Sensor, Gas Sensor, Thin Film Active and Passive Devices, Sensors and Transducers Interfacing, Electroluminescent (EL) Display Devices, Biosensors and Bio-electronics, Polymer Electronics.

**Interactions/Collaborations:** Space Application Centre, ISRO, Ahmadabad, Physical Research Laboratory, Ahmedabad, Tata Institute of Fundamental Research (TIFR), Bombay, Chip House, Pune, Electronic Research and Development Centre, Jammu, HP Electronics, Ahmadabad, Gujarat Narmada Valley Fertilizers Co. Ltd. (GNFC), Bharuch, Power Build Ltd., Vallabh Vidyanagar, Institute of Chemical and Biosensors, Münster Germany, University of North Florida, USA, The M S University of Baroda, Vadodara,

**Library Facilities:** Books-2200, Journals-6, Video Cassettes-85.

**Major Achievements:** Major Research Projects: 1 (Ongoing), Major Research Project:3(completed), Minor Research Projects: 12, Research Publications: 26+22 (International), Awards: 6, Foreign Visits: 5, Patent on “A Biosensor for the Detection of Lactic Acid”, By Government of India, New Delhi in 2004. The Department of Electronics has been assisting the Community Radio Station, established by the Sardar Patel University since 2005.

**Special Information:** Course is recognized and funded by University Grants Commission, New Delhi and Department of Electronics, Government of India, New Delhi and also State Government. The Department of Electronics was recognized by UGC for organization of refresher course in Electronics and ISTE for organizing Summer School. M.Sc. level, there is a compulsory project work along with practical work in all the semesters The students undergo Industrial Training for project work during the summer vacation, Department has a facility of Air Conditioned Ipcowala Santram Auditorium, Electronics Alumni Association 235 Life Member.

Programme	Duration	Eligibility	Highlights
MSc Electronics	4 Semesters	BSc (Electronics)/ BSc Instrumentation/ BSc Instrumentation (Vocational)/ BSc (Electronics and Communication)	Emphasizing Electronic materials, Devices and Applications,
PhD Electronics	Minimum 3 Years(FT) / 4 Years (PT)	MSc Electronics	Memory Switching devices, Heterojunctions, Schottky diode, Thin Film, Transistors, Solar Cells, Gas Sensors, Strain Gauges, Thermo couples,

Programme	Duration	Eligibility	Highlights
			Biosensors ,Optical sensors, Semiconductor devices etc.

**G H Patel Institute of Materials Science**  
**(Department of Materials Science)**  
**(A UGC Centre for Advanced Studies, DST- FIST Level II Department**  
**GUJCOST Centre of Excellence in Nanomaterials)**

**Head:** Dr (Ms) R H Patel **Phones:** (O) 02692-226853/235183 (R) 02692-230040 (Fax) 02692-235183/236475

**Faculty:** 2 Associate Professors, 1 Assistant Professor

Sr No	Name	Designation	Academic Qualification
1	Dr (Ms) R H Patel	Associate Professor	MSc, PhD
2	Dr N M Batra	Associate Professor	MSc, PhD
3	Mr J K Valand	Assistant Professor	MSc, PhD
4	Mr R K Kahaai	Adhoc Lecturer	MSc, MTech
5	Mr S R P Dubey	Adhoc Lecturer	MSc, MPhil

**Technical and Supporting Staff:** 1 Technical Staff, 1 Administrative Staff, 1 Supporting Staff

**Courses Offered:** MSc (Materials Science, Nanoscience and Nanotechnology), PhD (Materials Science)

**Major Sophisticated Equipment:** Hitachi S - 3000N Scanning Electron Microscope; Mettler Thermal Analysis System TA-4000 up to 1000°C and 1600°C; Instron Universal Testing Machine 5500; Leitz Optical Microscope Metloplan 12POLIS; Shimadzu UV-VS 1601 Gas Chromatograph Sigma Analytical Instruments; High temperature heat treatment Furnaces; Composites fabrication facilities; PS2001 Particle Size Analyzer, Digital Rockwell Hardness Tester (TRSDM), Hydraulic press; AG-204 Mettler Toledo Densitometer; Systronics 128 Flame Photometer; Micromeritics Gemini BET Surface Analysis System; Micromeritics ASAP2020 Surface Area and Porosity Analyzer; Renishaw Raman Microscope; Laboratory scale spray drier; Dynisco Mini mix Extruder; CVD for synthesis of carbon Nanotubes; REMI S-70 Heavy Duty Centrifuged Machine, Keithley Electrical property measurement instruments.

**Major Research Activities:** Synthetic Polymers, Metal and ceramic Nanoparticles; Nanomaterials reinforced composites; High temperature ceramic materials, Carbon fibres, Carbon-Carbon and Ceramic matrix Composites, Composites for Bio-application, Sol Gel Technology, Carbon materials, Porous and Industrial carbons, Smart materials, Nano particle structure, Nanoclays and their composites, Hybrid (oxide-carbide) Nanomaterials, Utilization of waste materials, Biomass and fly, Thin Films, Synthesis and Characterization.

**Interactions/Collaborations:** The institution has established good interaction with various R&D laboratories of Defence eg DRDO Hyderabad, DRDL Hyderabad DMRL, Hyderabad DMSRDE, Kanpur, CSIR labs eg NPL, CSMCRI, CGCRI, IIP, ADA, Bangalore; Science and Technology Departments of IIT- Mumbai, IIT-Delhi, Bhabha Atomic Research Centre, Institute for Plasma research (IPR) Gandhinagar, Reliance Industries Ltd, Baroda, GSFC, Baroda, Carbon-Ceramic Industries

**Scientific Collaboration and Exchange Programmes:** MOU has been signed Under UGC CAS program with (1) Shinshu University, Nagano Japan. (2) Seoul National University of Science & Technology, South Korea. (3) Argonne National Laboratory, USA.

Programme	Duration	Eligibility	Highlights
MSc Materials Science	4 Semesters	BSc/ Physics/ Chemistry/Industrial Chemistry/ Polymer Chemistry	Engineering materials, properties, Testing, Fabrication Science and Characterization, Nanomaterials, Corrosion and Environment
MSc Nano Science and Nano Technology	4 Semesters	BSc/Physics/ Chemistry, Polymer Chemistry, Industrial Chemistry	Science and Technology of Nanomaterials, properties, Testing, fabrication and Characterization
PhD Materials Science	Minimum 6 Semesters	MSc/ MS Materials Science Physics/ Chemistry	Development of bulk and Nanomaterials for structural application based on Carbon, Ceramics, polymers and wastes materials utilization

## Department of Mathematics

(A UGC-SAP-DRS, DST-FIST Department, DAE-NBHM Regional Library)

**Head:** Prof (Dr) A. H. Hasmani **Phones:** (O) 02692-226869/70

**Faculty:** 2 Professors, 3 Associate Professors, 3 Assistant Professors

Sr No	Name	Designation	Academic Qualification
1	Dr A H Hasmani	Professor	MSc, PhD
2	Dr H V Dedania	Professor	MSc, PhD
3	Dr G B Deheri	Associate Professor	MSc, PhD
4	Dr D J Karia	Associate Professor	MSc, PhD
5	Dr (Ms) H S Mehta	Associate Professor	MSc, PhD
6	Dr Prakash Dabhi	Assistant Professor	MSc, PhD
7	Dr S J Ghevariya	Assistant Professor	MSc, PhD
8	Dr. Jay Mehta	Assistant Professor	MSc, PhD

**Technical and Supporting Staff:** 1 Administrative Staff

**Courses Offered:** MSc (Mathematics), MPhil (Mathematics), and PhD (Mathematics)

**Major Research Areas:** Functional Analysis, Banach and Topological Algebras, Function Algebras and Function Spaces, Operator Theory and Operator Algebras, Noncommutative Geometry, Sequence Spaces, Locally Convex Spaces, Harmonic Analysis on Groups and Semigroups with weights, General Theory of Relativity and Cosmology, Tribology, Financial Mathematics, Mathematics in Biosciences.

**Research Facilities:** NBHM Regional Library (around 9000 Books and 29 Journals with back volumes of 31 Journals since 1974), Internet Connectivity, INFLIBNET access to more than 2000 online journals, Two Photocopying Machines, Computing Laboratory, Two servers, SOUL, TC, MATLAB, Mathematica, LaTeX, Six OHPs, Three Telescopes, Mathematical Models, Multimedia Projectors in each class and Seminar Hall, Slide Projectors, Interactive boards, Scanners.

**Collaborative Research Programmes/Linkages**

**National:** IIT Chennai, IIT Mumbai, The M S University of Baroda, Gujarat University, North Bengal University, Saurashtra University, Gujarat College, B V Mahavidyalaya, M K Bhavnagar University.

**International:** Ecole Norm Sup (Maroc), Fukuoka University Japan, Fukuoka Institute Technology, Japan; Leipzig University, Germany, University of Athens Greece, University of Saarlands Germany, University of Leeds, UK, Payame Noor University, Iran, University of Mohaghbesh, Iran.

### Major Achievements

- Specially designed optional courses in: Mathematics Education, Problems and Exercises in Mathematics (for talented students), Financial Mathematics, Research Level Advanced Courses (in Functional Analysis, Banach and Operator Algebras, Geometry, Relativity and Cosmology), Computer Programming in C/C++ with Practical Training, and Mathematics of Theoretical Sciences (Classical Mechanics, Relativity and Cosmology, Quantum Mechanics, Statistical Mechanics and Fluid Dynamics)
- 7 Special Training Programmes for students appearing in CSIR-UGC, National Eligibility Test NET-JRF
- 22 Conferences/Seminars; and 12 Refresher courses organized
- Around 237 Research Paper published after 2000 in highly reputed journals
- 37 PhD produced and 23 in progress
- 87 M Phil produced and 8 in progress
- Awards Won: (a) International: 5; (b) National: 18 Including DAAD, Germany Fellowship Commonwealth Fellowship, UK; Visiting Fellowships, Japan and South Africa Fellowship; INSA Fellowships, IMS Medal; Ramanujan Prize, Madras University; Hari Ohm Ashram Awards, IUCAA Associateship
- UGC-SAP-DRS (III) in Analysis
- 8 Books published
- 16 Research projects completed
- More than 60 students having cleared CSIR-NET-JRF/NBHM test
- Provision of Dissertation at MSc
- 26+ Projects by MSc students

**Special Information:** Weekly Research Seminars, Special efforts for problem solving skills for Mathematics for UGC-CSIR-NET-JRF, Sky Gazing programmes with telescope, Students Seminars, Annual Research Level Conference and Workshops, Preparation of College and School Level Text Books, Mathematical Talent Search Tests Centre of NBHM for MSc/PhD Fellowship, Popularization of Mathematics, Involvement of faculty in Professional organizations, Preparation of Question-banks, Mathematical e-Groups, Mathematics Association, Awardees of Minaxi Lalit exam, collaborative programmes with CC Patel Community Science Centre, Awardees if A R Rao Sonmannidhi Exam.

Programme	Duration	Eligibility	Highlights
MSc Mathematics	4 Semesters	BSc/BS Mathematics	Holistic approach encompassing Pure and Applied Mathematics, Research Level advanced Courses, Wide variety of options, Training on Computer and Problem Solving and Provision for Dissertation; Special Training for CSIR-NET-JRF, Project component in MSc
MPhil Mathematics	2 Semesters	MSc/MS Mathematics	Research Oriented Advanced Syllabus and a Dissertation Interwoven, Special Training for CSIR-NET-JRF

Programme	Duration	Eligibility	Highlights
PhD Mathematics	Minimum 6 Semesters	MSc/MS Mathematics	International Level Research in Functional Analysis, Harmonic, Analysis, Relativity and Cosmology, Tribology, Financial Maths.

## J K Patel Institute of Home Science (Department of Home Science)

**Head:** Prof (Dr) Vinayak H Patel **Phone (O)** 02692-226877

**Faculty:** 2 Professors, 2 Associate Professors, 1 Assistant Professor

Sr No	Name	Designation	Academic Qualification
1	Dr Vinayak H Patel	Professor	PhD
2	Dr (Ms) Rema Subhash	Professor	PhD
3	Dr (Ms) Namrata Kola	Associate Professor	PhD
4	Dr (Ms) Neeta R Dave	Associate Professor	PhD
5	Dr (Ms) Viraj N Roghelia	Assistant Professor	PhD

**Technical and Supporting Staff (Sanctioned):** Administrative Staff- 1, Supporting Staff-1

**Courses Offered:** MSc (Grant-in-Aid) Foods and Nutrition, General Home Science, MSc (Self Financed) Family Resource Management, Food Biotechnology, Human Development, Textiles and Clothing, Foods and Nutrition. **Specialization under FN and FBT** (MSc Foods and Nutrition-Nutrigenomics, Foods and Nutrition-Food Designing and Quality Assurance, Food Biotechnology-Nutrigenomics, Food Biotechnology-Food Designing and Quality Assurance). PhD (Grant-in-Aid): Foods and Nutrition, Food Biotechnology, Textiles and Clothing;

**Research Facilities and Activities/Major Sophisticated Equipment:** Gel-Doc, Auto Analyser for blood chemistry, UV-VIS spectrophotometer, Spectrofluorimeter, Food texture analyser, , High-speed cooling centrifuge with speed controller, Viscometer, Polarimeter, Thermal Cycler, Tensile Tester, Computers, Dress forms, Twist Tester, Tearing Strength Tester, Padding mangle, Abrasion Tester, Flammability Tester

**Major Research Activities: Foods and Nutrition:** Generating a database for antioxidant properties of various Indian foods, Studying the effect of herbal plants on gene expression under fructose-induced diabetic condition, Screening of SNP's in the obese population. Evaluation of antioxidant potential of selected plant based foods using animal and human models, Evaluation of antioxidant potential of natural food products to prevent oxidation in fats and oils during frying, Organic foods, Functional foods for preventive health, Probiotic and synbiotic food product development, Nutraceuticals. Adolescent Obesity, Prevalence of chronic non-communicable diseases such as diabetes mellitus, CVD and osteoporosis in the local community of Anand and VV Nagar.

**Food Biotechnology:** Bioprocessing (Germination and Fermentation) of various agricultural produce to enhance their functional and nutraceutical properties, Production of Lactic acid using agricultural wastes, Detection of food borne pathogens from different food samples by DNA based molecular methods, Yoghurt and other dairy preparations and their evaluation, Food Matrix immobilization technique for enhancing probiotic activity, Molecular analysis of probiotic strains.

**Family Resource Management:** Income generating activities among women, Interior space design and Awareness

**Textiles and Clothing:** Contemporary wedding wear inspired from Mughal Era costumes, Applique work and stencil printing on Khadi stoles, Embroidery on Net fabric, Garments and Household articles from discarded jeans and shirts, Renovation of old jeans, Preservation techniques for textiles from microbial growth, Hand embroidery with use of Bamboo stick.

**Human Development:** breast feeding practices, Psychological well-being of post graduates of S.P. University, life satisfaction level of working and non-working women.

**Library Facilities:** Books: 2264 Journals: 15

**Major Achievements:** The department received grants from UGC which benefited in the development of the Department which includes:

- The Department has been sanctioned Rs. **80.00 lakhs** under **DRS-II** from April 2016 to March 2021
- A minor research project entitled “Haematinic effect and antioxidant activity of Cactus Pear Fruit (*Opuntia Ficus-Indica*)” of Rs.3.25 lakhs funded by UGC was sanctioned to Ms.Viraj Roghelia, April 2014 to March 2016.

Programme	Duration	Eligibility	Highlights
MSc (Foods and Nutrition)	4 Semesters	BSc (Home Science) with FN/ FSQC or BSc Biochemistry/ Microbiology/ Industrial Microbiology / Biotechnology/ Genetics / Bioinformatics / Medical Laboratory Technology/ Agriculture /Horticulture/ Food Science/ Food Technology/ Dairy Science/ Zoology/ Botany or BTech in Dairy Technology / Food Processing Technology or BSc (Honors) with Home Science with special papers in Foods and Nutrition or any other examination recognized under 10+2+3 system. Out of total seats both in Grant-in-aid and self-financed, 70% of seats will be filled up from Home Science students.	Specialization in (i) Food designing and quality assurance and (ii) Nutrigenomics are offered.
MSc (General)	4 Semesters	BSc with General Home Science/FN/FSQC/FRM/RM/HD/CD/TC/ BSc (Agriculture with Home Science) or any other equivalent recognized examination.	Foods and Nutrition, Human Development, Family Resource Management, Textiles and Clothing etc.

<b>Programme</b>	<b>Duration</b>	<b>Eligibility</b>	<b>Highlights</b>
MSc (Food Biotechnology)	4 Semesters	BSc (Home Science) FN/FSQC or BSc Biochemistry/ Microbiology/ Industrial Microbiology/ Biotechnology/ Genetics/ Bioinformatics/ Medical Laboratory Technology/ Zoology/ Botany /Agriculture/ Horticulture/Food Science/ Food technology/ Dairy Science or BTech Dairy Technology / Food Processing Technology or BSc (Honors) with Home Science with special papers in Foods and Nutrition or any other examination recognized under 10+2+3 system	Nutritional Biotechnology, Human Genetics, Microbial Bio-technology, Nutrigenomics etc.
MSc (Human Development)	4 Semesters	BSc (Home Science) with Child Development/ Human Development/General Home /BSc (Agriculture with Home Science)/ PG Diploma in Early Childhood Education / PG Diploma in Special Education or any other equivalent recognized examination.	Early Childhood Care and Education, Guidance and Counselling, Advanced Studies in Human Development etc.
MSc (Textiles and Clothing)	4 Semesters	BSc (Home Science) with Textiles and Clothing/General / BSc (Home Economics) / BSc (Fashion and Apparel Design) /BSc (Agriculture with Home Science) / PG Diploma in Fashion Designing or any other equivalent recognized examination.	Garment Industry, Fashion Technology, Historic Textiles, Textile Chemistry, Dyeing and Printing etc.
MSc (Family Resource Management)	4 Semesters	BSc(Home Science) with Family Resource Management/ Resource Management/General /BSc ( Home Economics) / BSc (Agriculture with Home Science) / Graduate Degree with Hotel Management/Hospitality Management/Housekeeping or PG Diploma in Interior Decoration or any other equivalent recognized examination.	Consumer Education, Interior Design, Ergonomics, Fuel Technology etc.
PhD (Foods & Nutrition, Food Biotechnology, Textiles and Clothing)	Minimum 6 Semesters for full time and Minimum 8 Semesters for part time	Students with MSc (Minimum 55%) in respective subjects are eligible to appear for the entrance examination.	---

**Department of Physics**  
(A UGC-SAP, DST-FIST Department)

**Head:** Prof (Dr) (Ms) U H Patel, **Phone:** (O) 02692-226843 (R) 02692-230040

**Faculty:** 08 Professors, 01 Assistant Professor



Sr No	Name	Designation	Academic Qualification
1	Dr (Ms) U H Patel	Professor	MSc, PhD
2	Dr P C Vinodkumar	Professor	MSc, PhD
3	Dr V M Pathak	Professor	MSc, PhD
4	Dr B Y Thakore	Professor	MSc, PhD
5	Dr S H Chaki	Professor	MSc, PhD
6	Dr M P Deshpande	Professor	MSc, PhD
7	Dr G K Solanki	Professor	MSc, PhD
8	Dr K D Patel	Professor	MSc, PhD
9	Dr S J Pandya	Assistant Professor	MSc, PhD

**Technical and Supporting Staff:** 5 Technical Staff, 1 Administrative Staff, 3 Supporting Staff

**Courses Offered:** MSc-Physics, MPhil-Physics, PhD-Physics

**Research Facilities and Major Sophisticated Equipment:** Single Crystal X-ray Diffractometer, Powder X-Ray diffractometer, Crystal Growth systems: Bridgman, flux, solution and vapour phase, High-Vacuum Coating Unit, Hall measurement system (with low temperature facility-Lakeshore), Lipholizer, X-ray generators, Refrigerated microprocessor controlled centrifuge, High temperature furnaces, optical microscope, High Pressure system with UV-VIS, NIR Imaging Spectrophotometer, LCR meter, DSC, Particle size analyzer, Photoluminescence(PL) spectrometer, Electrostat/galvanostat.

**Major Research Activities:** Synthesis of Metallic complexes of heterocyclic compound and X-ray Crystallographic investigation of biomolecules, Crystal Growth and Characterization, Thin film preparation and device fabrication, Nanoparticle studies, Photovoltaic and other Electronic Applications; Characterization of materials under high pressure, theory of Condensed-Matter systems, Hadron Physics heavy flavour baryons-mesons.

**Academic linkages/ Collaborations:** Interactive collaboration with research Institutes/Professional Organization; Research consultancy and characterization measurement facilities and sophisticated instruments in the Department available to the neighbouring colleges/ institutions, industries and to other users in Gujarat and all over India.

**Library Facilities:** Books- more than 2500, Five Journals at Department & other are available online through IFLIBNET

**Major Achievements:** In the area of Crystal Growth and Characterization: (a) Synthesis of nano particles by chemical route and characterization by various techniques along with application (b) several transition metal dichalcogenides ie  $MX_2$  (M= Metal, X= Chalcogen) have been synthesized by vapour phase technique and characterized thoroughly. The fabrication of liquid junction solar cells as well as their potential for MOSFET development is investigated using ohmic as well as Schottky contacts (c). Metallic complexes of different derivatives of sulfonamide are synthesized and single crystal of these transition metal complexes are grown by solution method and the three dimensional structures are solved successfully and matched well with optimized structure. Few metal complexes reveal better antibacterial activities. (d) Successful theoretical models are developed for Condensed-Matter systems, Atomic-Molecular collision and ionization, Hadron Physics heavy flavour baryons-mesons. Well-recognized Department in teaching and research programmes with quite a good number of publications in National and International Journal of repute.

**Special Recognition:** The Department has been recognized under DSA-I programmes of the UGC in the area of Condensed Matter Physics for the year 2012-2017. The Department has also been sponsored second time under the FIST-I Programme by the DST. Several other research projects are going on under various funding agencies like UGC, DST, GUJCOST etc.

Programme	Duration	Eligibility	Highlights
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Programme	Duration	Eligibility	Highlights
MSc Physics	4 Semesters	BSc Physics	Condensed Matter Physics, Electronic & Communication, Theoretical and Computational Physics.
MPhil	2 Semesters	MSc Physics	Condensed Matter Physics (Theory & Experiment)
PhD Physics	Minimum 6 Semesters	MSc Physics	X-Ray Crystallography, Synthesis of metallic complexes of sulfaderivatives and its 3D structure, Crystal growth and characterization ,Thin film and device fabrication Condensed Matter Theory ,Hadron Physics

## DEPARTMENT OF STATISTICS

### (A UGC–SAP, DST-FIST Department)

**Head:** Prof Ashok Shanubhogue , **Phones: (O)** 02692-226871/226881

**Faculty:** 2 Professors, 2 Associate Professors, 1 Assistant Professor:

Sr No	Name	Designation	Academic Qualification
1	Prof A Shannbhogue	Professor & Head	Msc,MPhil,PhD
2	Dr P A Patel	Professor	Msc,MPhil,PhD
3	Dr (Miss) J M Divecha	Associate Professor	MSc, PhD
4	Dr M B Bhatt	Associate Professor	MSc, PhD
5	Mr D P Raykundaliya	Assistant Professor	MSc, PhD

**Technical and Supporting Staff:** 1 Administrative Staff, 1 Supporting Staff

**Courses Offered:** MSc, MPhil (Full/Part Time), PhD (Full/Part Time), Master in Quality and Productivity Management (MQPM), Certificate Course in SPSS, Certificate Course in Biostatistics, Certificate Course in Financial Statistics **Specializations:** (i) Biostatistics (ii) Financial Statistics

**Major Research Areas:** Statistical Inference, Theory of Sample Surveys, Survey Sampling Inference, Design of Experiments, Operations Research, Reliability and Survival Analysis, Statistical Quality Control, Biostatistics, Statistical Computing.

**Interaction/Collaborations:** Muljibhai Patel Institute of Urology, Nadiad; Span Diagonestics Ltd, Sachin, Surat, Pramukh Swami Medical College, Karamsad.

**Infrastructure: Computer Laboratory:** (a) Prof S M Shah Computer Laboratory (b) DST-FIST Computer Laboratory (c) BSR Computer Laboratory (d) Department has library of software like SYSTAT, SPSS, and MATLAB, MINITAB.

**Department Library:** 19 E-journals and more than 3000 books.

**Teaching Aids:** Projector, Multimedia CDs and Multimedia Projector and Photocopier.

#### Major Achievements

- Devotion and involvement by the entire faculty, since its inception, has given a distinct identity to the department in the whole of western region.
- Faculty members of the department have published papers in reputed National and International Journals.
- Won research awards 23 times as the best research paper of the year.

- Produced 39 PhD (Theoretical research), Major Research Project 1 (Rs11,95,800/-, 1-4-13 to 31-3-16)

Programme	Duration	Eligibility	Highlights
MSc Statistics	4 Semesters	BSc Statistics, BSc Mathematics with subsidiary Statistics BSc General with Statistics	Specializations in (i) Financial Statistics (ii) Bio-statistics Compulsory Project work
MPhil Statistics	2 Semesters Full Time 4 Semesters Part-Time	MSc in Statistics with 55% marks.	Advanced level three courses plus dissertation.
PhD Statistics	Minimum 6 Semesters Full Time Minimum 8 Semesters Part Time	MSc in Statistics with 50% marks	Statistical Inference, Survey Sampling Inference, Design of Experiments, Statistical Quality Control, Bio-stat, Medical Stat, Statistical Computing
MQPM	4 Semesters	Any graduate with one course on Statistics/ Mathematics	UGC supported Innovative Job oriented course
Certificate Course in SPSS	60 hours of teaching	Any graduate with basic knowledge of Computer, Statistics	Useful for any research organizations
Certificate Course in Biostatistics	Six months	BSc in Statistics/BSc in Mathematics with subsidiary Statistics	Useful for Pharmaceutical/ Medical/ Diagnostic Industries
Certificate Course in Financial Statistics	Six months	BSc in Statistics/BSc in Mathematics with subsidiary Statistics	Useful for Banking, Insurance, and other financial sectors

## CENTRE FOR INTERDISCIPLINARY STUDIES IN SCIENCE & TECHNOLOGY (CISST) (DST-PURSE Programme)

**Head (I/c):** Prof Dr. P.C.Vinodkumar, **Phones: (O)** 02692-226864 **(Fax)** 02692-226864

**Faculty:** 4 Assistant Professor,

Sr No	Name	Designation	Academic Qualification
<b>Contractual/adhoc teaching staff</b>			
1	Dr Rakesh V Patel	Assistant Professor	MSc, PhD
2	Dr Rupal A Vasant	Assistant Professor	MSc, PhD
3	Dr Anju H Negee	Assistant Professor	MSc, PhD
4	Dr Kirtan P Dave	Assistant Professor	MSc, PhD

**Technical and Supporting Staff:** 2 Administrative Staff, 2 Peons, 1 Sweeper

**Courses Offered:** MSc Earth Science, Biomedical Science, Defense Science, Bioinformatics

**Major Research Areas:** Machine Learning in System Biology. Molecular Biology and Met genomics  
Composite Materials, Animal Physiology.

**Collaborations and Linkages:** All Basic Science Departments of the University; Physical Research Laboratory, PRL Ahmedabad; Space Application Centre, Ahmedabad; Department of Geology, The MS University of Baroda, Vadodara. **CHARUSAT**

**DST-PURSE Central Experimental Facilities:**

**(A) Sophisticated Equipment**

Ultra Fast Triple Quadrupole Liquid Chromatography and Mass Spectrometer, Spectrofluorophotometer, Inverted Fluorescent Phase Contrast Research Microscope, Research Rotatory and Oscillatory Rheometer, Modular Compact, Millipore Water Purification System, Size Exclusion Chromatograph for Static Light Scattering Unit, High Performance Particle Size Analyzer along with Zeta Potential Measuring System, Fluorescence Micro-plate Reader, Complete DC I-V, C-V Semiconductor Characterization System, Cold Storage – Freezer (-80<sup>0</sup>), 300 Ltrs, Isothermal Calorimeter, Real Time PCR, ICP-OES Spectrometer, Thermal Analyzer.

**(B) Cell Culture Laboratory:** Under Preparation

**(C) Computational Facilities:** Mid Level Intel Server (S2) Dell T620: **1**, Desktop Computers: **24**, Laptops: **2**, Printers: **4**, Internet connection: **28** Nodes, Scanner: **1**

**(D) Analytical Laboratory: 1**

**(E) Well equipped seminar room: 1**

**Other facilities:** LCD Projectors, Research lab, ICT Enabled Seminar Room (40 seats capacity) Library Facilities: 755 books.

**Teaching aids:** Projector, Multimedia CDs and Multimedia Projector and Photocopier, Internet Connectivity.

**Major Achievements**

- Installation of the sophisticated equipment purchased under DST- Purse,
- Interdisciplinary lecture series: 04, Workshop/seminar conducted: 08, National workshop on Molecular Modelling for Drug Design (MMDD-2012),
- One day workshop on LC-MS –Fundamentals, application and hands on experience,
- National Conference on Interdisciplinary Defence Studies,
- Earth System Science, and Biomedical Science (IPDEB-2013),
- Interdisciplinary Research Scholars Meet -2016 (IRSM-2016), 3<sup>rd</sup>- 4<sup>th</sup> March 2016,
- Integrating Bioinformatics as Interdisciplinary Science (IBIS-2016), 27<sup>th</sup> February 2016,
- Interdisciplinary Studies in Science and Technology – Opportunities (isst-2015), 19<sup>th</sup> February 2015,
- Workshop on Liquid Chromatography – Mass Spectrometry (LC-MS/MS), 21<sup>st</sup> – 22<sup>nd</sup> January 2015,
- Emerging Trends & Prospects in Studies in Interdisciplinary Science & Technology (ETPSIST-2014), 4<sup>th</sup> March 2014,
- State level conference on Emerging Trends and Prospects in Studies in Interdisciplinary Science and Technology (ETPSIST-2014)

Programme	Duration	Eligibility	Highlights
MSc, Earth Science, Biomedical Science and Defence Science	4 Semesters	Bachelor degree, Basic Science, Applied Science, Engineering, Medical Science, Agriculture. Examination of this University or any other	Covers Fundamental Courses in Different science disciplines of Biology, Chemistry, Physics, Mathematics and Statistics and extends the knowledge to interdisciplinary subjects.

Programme	Duration	Eligibility	Highlights
		examination recognized as equivalent thereto by this university with score of at least 50% in the aggregate.	Self Study Courses, Project work for one semester, lectures by eminent resource persons form university and national labs.
MSc Bioinformatics	4 Semesters	BSc (all science), BSc (Home Science), BSc (Agriculture), BSc (Veterinary Science), B Pharm, BE, B Tech, BHMS, BAMS, BDS, BCA, MCA, or MBBS	Covers Fundamental Courses in Biology, Biostatistics, Genomics, Proteomics, Graphics, Animation etc, and self Study Courses, Project work for one semester, lectures by eminent resource persons form university and national labs.

## DEPARTMENT OF GUJARATI

**Head:** Dr (Miss) Param Pathak, **Phone:** (O) 02692 226833 **Fax:** (O) 02692-237258, 236475

**Faculty:** 2 Professors, 2 Assistant Professor

Sr No	Name	Designation	Academic Qualification
1	Dr Param Pathak	Professor	MA,Ph.D
2	Dr (Miss) Pinakini Pandya	Professor	MA,M.Phil,Ph.D
3	Mr R V Chudhari	Assistant Professor	MA,M.Phil,Ph.D
4	Miss Sudhaben D Rathwa	Assistant Professor	MA,M.Phil,Ph.D

**Courses Offered:** MA(Regular & External), MPhil, PhD, Gujarati Language and Literature, Modern and Post Modern Gujarati Literature, Medieval Gujarati Literature, Folklore and Folk Literature, Linguistics, Stylistics, Language, Literature and ICT Communication Skill, Sociology and Literature, Research Methodology, Major Research Activity in Gujarati, Major Researcher of Gujarati, Translation and Editing, Life Enrichment, Comparative Literature, India and Western Poetics, Indian Classical Literature, Indian Author Study, Indian and World Literature, Art of Film Appreciation, Gujarati Prose & Poetry.

**Major Research Activities:** Folk Literature, Linguistics Medieval Literature, Diasporic Literature, Modern Literature, Comparative Literature, Art of film adaptation, motif study.

- **Library Facilities:** Books: 5000, Magazine: 16
- I.C.T Lab Facilities

### Major Achievements

- 8 Major-Minor Research Project, SAP DRS, 48 (Net, JRF, SLET Students), during last Five years, 49 Book Publication, 23 Seminar Conference Organized during last Five years.

Programme Name	Duration	Eligibility	Highlight
MA-Gujarati (Regular)	4 Semesters	BA Gujarati	---
MA-Gujarati (External)	2 Years	BA Gujarati	---
MPhil-Gujarati	2 Semesters	MA Gujarati	---

Programme Name	Duration	Eligibility	Highlight
PhD-Gujarati	Minimum 6 Semesters	MA Gujarati	---

## DEPARTMENT OF HINDI

**Head:** Prof D S Tripathi, **Phone:** (O) 02692-226827 (M) 9427549364

**Faculty:** 4 Professors, 2 Assistant Professor

Sr No	Name	Designation	Academic Qualification
1	Dr Dayashankar Tripathi	Professor & Head	PhD
2	Dr N K Chauhan	Professor	PhD
3	Dr M M Sharma	Professor	PhD
4	Dr.D K Mahera	Professor	PhD
5	Dr H M Parmar	Assistant Professor	PhD
6	Miss Seema Rathod	Assistant Professor	PhD

**Technical and Supporting Staff:** 1 Administrative Staff 1 Supporting Staff

**Courses Offered:** MA, MPhil, PhD, PG Diploma in Drama and Dramatics (Hindi), PG Diploma in Functional Hindi, MA External (Hindi).

**Research Facilities:** Library Books 5644, Audio-Visual Equipment

**Special Information:**

- Almost every year, seminar, and workshop are organized by the department under DSA-SAP and some time with the collaboration of other academic agencies,
- Most of the UGC guided syllabi have been incorporated by the department for studies of latest equipments under DSA-DRS and under self-financed scheme,
- Department has its own building of two floors with classrooms, faculty rooms, library, seminar room, lab student hall for academic, cultural and theatrical activities,
- Department has made its own identity in the state as well as country for Teaching, Learning, Research etc,
- As a healthy practice Department has been inviting visiting fellows from other parts of the county for guest lectures,
- National seminar (UGC) Hindi Ki Marksvadi Alochana Aur Dr. Shivkumar Misra 11-12 February 2014.

Programme	Duration	Eligibility	Highlights
MA Hindi (Regular)	4 Semesters	BA Hindi	---
MA Hindi (External)	2 Years	BA Hindi	---
MPhil Regular and Part Time	1 Year	MA Hindi	---
PhD Full Time and Part Time	Minimum 6 Semesters/ Minimum 8 Semesters	MA Hindi	---
PG Diploma in Drama and Dramatics (Hindi) Regular	1 Year	Graduation	Many students working in the field of Media at Present
PG Diploma in Functional Hindi Regular	1 Year	Graduation	---

Programme	Duration	Eligibility	Highlights
Certificate Course on Film and TV Acting (Self Financed)	6 Months	---	---

## DEPARTMENT OF SANSKRIT

**Head:** Prof Nirajan P Patel, **Phone:** (O) 02692-226828 (R) 02692-229178 (M) 9825949753

**Faculty:** 1 Professor, 1 Associate Professors, 1 Assistant Professor

Sr No	Name	Designation	Academic Qualification
1	Dr Nirajan P Patel	Professor	PhD
2	Dr P V Joshi	Associate Professor	PhD
3	Dr Mahesh G Patel	Assistant Professor	PhD

**Courses Offered:** MA, MPhil, PhD (Alankara, Vedant, & Vyakarana & Nyaya), MA External, Add – on Course on Yoga theory and Praticce.

**Major Research Activities:** Vyakaran Nyaya, Vedant, Classical Sanskrit, Manuscript Cataloguing, Overseas students from China joined Certificate course of Advance Studies in Sanskrit 2004-05.

**Library Facilities:** Cassettes and Records in Sanskrit and Books.

### Major Achievements:

- Katha Foundation National Award, New Delhi: 01
- National Dalit Sahitya Academy National Fellowship: 01
- Gujarat State Sanskrit Sahitya Academy Gaurav Award: 01
- Books Published: 30
- Gujarat State Sanskrit Sahitya Academy Award for the best book of the year: 02
- Hari Om Awards for the best research papers of the year: 11
- Umashankar Joshi Varta Paritoshik: 01
- National Seminar/Conference organized: 07
- The Department is the first in Gujarat and second in India to introduce Modern Sanskrit, which includes History of Modern Sanskrit Literature and Modern Sanskrit Plays as well as Poetry to promote an Interdisciplinary approach
- The Department has also introduced Nyaya, Vyakara, and Purana, Arthashastra of Kautilya. Thus, the Department has included in its courses social, political, legal, economic thoughts in ancient Indian tradition
- In order to introduce Traditional Textual Criticism, the department has introduced Sanjivani-Tika of Mallinath on Meghadut
- The Department has completed a Project of cataloguing manuscripts of University Museum, Sardar Patel University, with financial assistance provided by National Archives, Delhi. The outcome of the project has been published under the sponsorship of National Archives as “Descriptive Catalogue of Sanskrit Manuscripts”
- Total No of NET/SLET Cleared: 16
- Refresher Course: 01
- The Department has completed a minor research project of Seed Money Grant of Sardar Patel University

Programme	Duration	Eligibility	Highlight
MA-Sanskrit (Regular)	Four Semesters	BA Sanskrit	Vyakarna, Navya, Poetics, Vedanta, Classical Sanskrit, Sanskrit Prose and Poetry, Drama, Puran, Arthashastra, Smritisahitya, Vedic

Programme	Duration	Eligibility	Highlight
			Literature and Epics
MA- Sanskrit (External)	Two Years	BA Sanskrit	Vyakarna, Poetics, Vedanta, Classical Sanskrit, Drama, Sanskrit Prose and Poetry and Epics and Vedic Literature
MPhil- Sanskrit	One Year	MA Sanskrit	Research Methodology, Purabhilekhsastra, Arthsastra, Manusmruti, Poetics, Vedant
PhD- Sanskrit	Minimum Six Semester	MA Sanskrit, NET/GSLET, M.Phil.	Vyakarna, Nyaya, Poetics, Vedanta, Classical Sanskrit, Drama, Vedic Literature and Epics

## DEPARTMENT OF ENGLISH

(We Accepted to be a SAP DEPARTMENT after 31<sup>st</sup> March 2014)

**Head:** Prof J H Khan, **Phone:** (O) 02692-226829 (R) 02692-232855 **Fax:** (O) 02692-226804.

**Faculty:** 1 Professor, 2 Associate Professor, 2 Assistant Professor

Sr No	Name	Designation	Academic Qualification
1	Prof J H Khan	Professor	PhD (MA, Med, MAAL(UK))
2	Dr R K Mandalia	Associate Professor	PhD (MA, MPhil, BEd)
3	Dr P J Dave	Associate Professor	PhD (MA, MPhil)
4	Mr Manish R Solanki	Assistant Professor	MA
5	Mr P B Raval	Assistant Professor	MA

**Courses Offered:** MA, MPhil, PhD (English Literature, American Literature, Indian Writing in English, Linguistics and Stylistics, English Language Teaching in Higher Education, Applied Linguistics), MA (External)

**Research Facilities:** Library of Sound, Language Laboratory, Computer Laboratory, Recording Studio

**Major Research Activities:** Comparative Literature, Literary Theories: East and West, Indian Literatures in Translation, English Language Teaching in Higher Education, and Applied Linguistics.

**Departmental Library:** Books More than 5000, Journals 11, Several Courses on CDs, Cassettes etc; Majority of Shakespearean Plays available on gramophone records; 12 Major British and American Poets recorded in their own voices.

**Major Achievements:** Completed UGC SAP-DRS (Phase-I): Literary Representation of Community, Culture and Ideology in Post-1970s Gujarati, Hindi and Indian English Literature between 2004 and 2009, and UGC SAP-DRS (Phase-II): Literary Representation of Social Change in Post-1970s Novel and Play in Gujarati, Hindi and Indian English Literature, Published three books: Dynamics of Social Change: Exploration in Post-1970 Gujarati, Hindi and Indian Fiction by D S Mishra (2009), Voices of War and Peace in Dalit Literature: Contemporary Gujarati and Hindi Dalit Writers edited by D S Mishra and R R Solanki (2009), and Translation Studies:/ Contemporary Perspectives on Postcolonial and Subaltern Translation edited by P B Raval (2012). The first two by Sardar Patel University Press; and the last one by Viva Books, New Delhi, Assisted in the preparation of Encyclopaedia of Hindustan, Encyclopaedia of Poetics of Indian Languages by Sahitya Academic, New Delhi, Organized 07 Workshops, 15 National Seminars, and 06 State Level Seminars so far, Organized 02 National Conferences (AIETC) – 1981 and 2012; 03 Summer Institutes; and 05 Refresher Courses in English so far, Offer a variety of choices in areas of specialization such as British Literature,



American Literature, Canadian Literature, Indian Literature in English, Translation Studies, Applied Linguistics including English Language Teaching in Higher Education, Involved in Materials Production for Undergraduate Level and Research in Contemporary Literature in collaboration with other national and international agencies like the British Council, SICL, and the USIEF, Produced two highly successful texts titled Stories for India (Macmillan India) and Advanced English for Non-Native Learners (Oxford University Press), Engaged in explorations on Indian Culture as reflected in the Post-Seventies Indian Literatures in extension of a Seminar organized for and on behalf of the Sahitya Academy, New Delhi in 1995, Entrusted with the responsibility of our Honourable Vice Chancellor's initiative CELT course in English for MPhil and PhD scholars in the University, which was designed and conducted successfully between 6 May and 14 June 2013

<b>Programme</b>	<b>Duration</b>	<b>Eligibility</b>	<b>Highlights</b>
MA-English (Regular)	4 Semesters	BA English	English Literature, American Literature, Indian Writing in English, Modern English Language and Linguistics, English Language Teaching Higher Education and New Literatures
MA-English (External)	2 Years	BA English	English Literature, American Literature, Indian Writing in English, Modern English Language and Linguistics, English Language Teaching Higher Education and New Literatures
MPhil-English	2 Semesters	MA English	English Literature, Literature criticism, Literary Form, Applied Linguistics
PhD-English	Minimum 6 Semesters	MA English	Comparative Literature, Literary Theories: East and West, Indian Literatures in Translation, Contemporary English Literature and Applied Linguistics
Advanced Certificate Course in Communication Skill in English	6 Months	10+2	Communication Skills in English; Communication-related Skills; and Guided Individual/Team Project
Advanced Certificate Course in Academic Writing and Presentation Skills	3 Months	MPhil and PhD scholars in the University	One of the initiatives taken by our Honourable Vice Chancellor, with the aim of integrating Language Education and Testing within the MPhil and PhD programmes; assessing the English language proficiency of students in the MPhil/PhD programmes both at entry level and end of the first year of coursework to map the development of proficiency in English.

## DEPARTMENT OF EDUCATION

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**Head:**Pro (Dr) M A Chotliya, **Phone:** (O) 02692-226838

**Faculty: 1 Professor, 3 Adhoc Lecturer**

Sr No	Name	Designation	Academic Qualification
1	Dr M A Chotaliya	Professor	MCom, MEd, PhD
	Dr M K Yagnik	Professor	MCom, MEd, PhD
2	Dr R I Bhatt	Adhoc Lecturer	MCom, MEd, PhD
3	R A Patel	Adhoc Lecturer	MSc, Med
4	Dr P M Kasara	Adhoc Lecturer	MA, Med, Ph.D

**Technical and Supporting Staff: 1 Administrative Staff**

**Courses Offered:** MEd, PhD (Philosophy of Education, Educational Management, Teacher Education)

**Major Research Activities:** Collaborative Learning; Philosophy of Education and Self-Directed Learning, Psychological Testing and Emotional Intelligence. Major Research Projects financed by UGC

**Major Achievements:**

- Besides running MEd, and PhD Programmes in Education, the Faculty Members render services in extension activities,
- Supervised research leading to PhD in Education of about 15 student teachers from Thailand and 1 from the USA successfully,
- A member of the faculty has published 4 books,
- A member of the faculty has served on inspection committees of the NCTE,
- A group of students from Thailand donated a sum of 60,000 to the University for the Purchase of computers,
- The faculty is also engaged in construction and standardization of tools for psychological testing,
- The Department publishes a Journal of Education and Psychology, which has National and International subscribers.

Programme	Duration	Eligibility	Highlights
MEd	4 Semesters	BEEd	---
PhD (Full time Part time)	Minimum 6 Semesters	Master's Degree in Education	---

## H M PATEL INSTITUTE OF RURAL DEVELOPMENT (DEPARTMENT OF ECONOMICS)

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**Head:** Prof H P Trivedi, **Phone (O)** 02692-232208 **(M)** 9898770513

**Faculty: 2 Professors, 2 Associate Professors, 3 Assistant Professors**

Sr No	Name	Designation	Academic Qualification
1	Dr H P Trivedi	Professor & Head	MA, PhD
2	Dr D J Chauhan	Professor	MA, PhD
3	Dr (Smt) N M Patel	Associate Professor	MA, PhD
4	Dr Kinjal Ahir	Assistant Professor	MA, PhD
5	Dr (Mrs) S V Bhatt	Assistant Professor	MA, PhD
6	Dr J K Barot	Assistant Professor	MA, PhD

7	Dr Vijay Jarivala	Assistant Professor	MA, PhD
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**Technical and Supporting Staff:** 1 Administrative Staff, 2 Supporting Staff

**Courses Offered:** MA, MPhil, PhD, MA External

**Major Research Activities:** The Department has been giving rural bias to its programmes of teaching, research, and extension for the academic activities in the thrust areas of agricultural economics, rural development and environmental economics. The Department has received recognition and financial support from University Grants Commission under SAP, CAS programmes. It has collaboration with two of its associate institutions, viz, Agro Economic Research Centre for Gujarat and Rajasthan (AERC) and Comprehensive Scheme for Cost of Cultivation of Principal Crops (CCS). AERC Vallabh Vidyanagar is one of the 12 such centers in the country and conducts policy-influencing research on behalf of the Ministry of Agriculture, Government of India (GoI).

**Major Achievements:**

- Completed 110 research projects in different areas,
- Provide honorary consultancy services to the Agro-Economic Research Centre, Vallabh Vidyanagar. 102 research studies in the area of agricultural economics completed in the Agro-Economic Research Centre,
- 48 PhDs produced so far,
- Publishes Artha Vikas, a Journal of Economic Development since 1966,
- Completed successfully four phases of Special Assistance Programme (SAP) sanctioned by the University Grants Commission,
- Completed 25 Working Papers during the eight-year period under the Phase II and III of SAP, and organized 7 important seminars during these phases, Received support from UGC under ASIHSS programme for strengthening infrastructure in the Department. One of the leading Departments in Gujarat which has been recognized as a Centre of Advanced Studies (CAS) in Economics by the UGC.
- Organized 35 Seminars/Conferences in association with the Agro-Economic Research Centre in the thrust areas of Agricultural Economics, Rural Development and Environmental Economics, which proved to be useful for policy-making at the Central and State levels,
- Organized 4 Refresher Courses in the thrust areas of agricultural economics and rural development. Some of the faculty members are involved in preparing District Human Development reports of the Dangs and Panchmahal, sanctioned by Human Development Department of Government of Gujarat. All the faculty members are involved in preparing a Human Development report of Anand District sanctioned by the UGC under CAS.
- Members of the faculty have received recognition at the State and National Levels.

Programme	Duration	Eligibility	Highlights
MA-Economics (Regular )	4 Semesters	BA/BCom/ BBA	---
MPhil	1 Year	MA Economics/MCom/MBA (With entrance test/NET-SLET Economics)	---
PhD	Minimum 6 Semesters	MA Economics (With entrance test/NET-SLET Economics), MPhil (Economics) with entrance test	---

**DEPARTMENT OF POLITICAL SCIENCE**  
(CENTRE OF EXCELLENCE, GOVERNMENT OF GUJARAT)

**Head:** Dr. Baldev Agja, **Phone:** (O) 02692-226840 (M) 09825378386 E-mail: [baldevagja@gmail.com](mailto:baldevagja@gmail.com)

• Sanctioned Faculty Post through direct recruitment: Total 05  
Professor 01; Associate Professor 01; Assistant Professor 03

• Actual Filled-up Faculty Post: Total 01

Professor (CAS) 01; Associate Professor 00; Assistant Professor 00

Sr. No.	Name	Designation	Academic Qualification
1	Dr. Baldev Agja	Professor and Head	MA, MPhil, PhD

**Courses Offered:** MA, MPhil, PhD (Panchayati Raj Local Self Government in India, Public Administration, International Relations Studies, India's Freedom Struggle and Politics in India, Indian Political Thought, State Politics of Gujarat)

**Major Research Activities:** Local Self Government and Rural Development Administration, International Relations, Indian Politics, Electoral Politics.

**Library Facilities:** Books are housed in the Central Library

#### Major Achievements

- This Department has been the first in the State of Gujarat to frame and implement a Model Curriculum of Political Science on the basis of the recommendation of the Rana Committee Report commissioned by the UGC, New syllabus at M.A. and M.Phil level to be implemented from June-2017.
- Again, this is the only post-graduate Department in Gujarat to have successfully introduced innovative, multi-disciplinary courses of very high contemporary relevance in the Masters Level Curriculum. These include: Research Methodology, Political Sociology, Politics in Gujarat State and Post-Cold War World Order Studies.
- The Department has achieved breakthrough in areas such as Indian Political Thought, Local Self Government, India's Freedom Struggle, Politics in India and International Relations and Human Rights.

**Special Information:** The Government of Gujarat has awarded Department the status of a Centre of Excellence and commissioned it to study "Value based Politics".

\* An academically vibrant department with deep academic and social commitment as evidenced by the successful services of the UGC Sponsored NET Coaching Centre for SC/ST and Government of Gujarat funded Dr. Babasaheb Ambedkar Chair.

Programme	Duration	Eligibility	Highlights
MA- Political Science (Regular)	4 Semester	BA Political Science and Bachelor Degree in any subject in any faculty of any University in Gujarat State recognized as equivalent thereto by this University	---
MPhil-Political Science	2 Semester	MA Political Science	---
PhD-Political	Minimum 6 Semesters	MA Political Science	---

Science			
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## DEPARTMENT OF HISTORY

**Head:** Prof J M Pandya, **Phone (O)** 02692-226834 **(R)** 02692-233962

**Faculty:** Professor: 1, and Assistant Professors: 2

Sr No	Name	Designation	Academic Qualification
1	Prof J M Pandya	Professor	PhD
2	Dr D C Chaudhari	Assistant Professor	PhD
3	Dr Hemant V Dave	Assistant Professor	PhD

**Courses Offered:** MA, MPhil, PhD, MA (External)

**Major Research Activities:** Ancient Indian History, Socio-Religious History (Modern Period), Regional and Local History (Modern Period), History of Freedom Movement and Gandhian Studies, Theoretical Archaeology, and History and Literature

**Research Facilities:** History Laboratory, student Library

### Major Achievements

- Organized 2 State Level Seminars sponsored by UGC and UGC- sponsored one National Seminar and Sardar Patel Chair – sponsored work shop and paper presentation by members of the faculty in various national and state level seminars.
- Publications include numerous articles published in local journals, a book based on the doctoral research and 2 translations besides a manuscript of a book for publication.
- Provided training for research in local history to desiring students in addition to their regular study.

Programme	Duration	Eligibility	Highlights
MA-History (Regular)	4 Semesters	BA History	---
MA-History (External)	2 Years	BA History	---
PhD-History	Minimum 6 Semesters	MA History	---
MPhil (Regular)	1 year	MA History	---

## DEPARTMENT OF PSYCHOLOGY

**Head:** PROF. (Dr) Suresh M Makwana **Phone: (O)** 02692-226882 **(R)** 94270 83799

**Faculty:** 1 Professor(CAS), 1 Associate Professors(CAS), 1 Assistant Professors

Sr No	Name	Designation	Academic Qualification
1	Dr Suresh M Makwana	Professor	MA, MPhil, PhD
2	Dr (Mrs) Sangita N Pathak	Associate Professor	MA, MSW, PhD, DIP.HRD
3	Dr Pankaj Suvera	Assistant Professor	MA, MPhil, PhD

**Courses Offered:** MA, MPhil, and PhD (Clinical Psychology and Organizational Behavior), BEd Special MR

**Major Research Activities:** Marriage and Sex, Organization Behavior, Mental Health, Counseling, Clinical Psychology, Social Psychology

**Major Achievements:**

- Organized 5 Workshops,
- National/ State/ Region level seminars,
- Organized 4 Refresher Courses,
- Completed 2 major and 4 minor research projects,
- Awarded 67 PhD and 50 MPhil

Programme Name	Duration	Eligibility	Highlights
MA-Psychology	2 Years	BA Psychology	---
MPhil-Psychology	1 Year	MA Psychology	---
PhD- Psychology	Minimum 6 Semester	MA Psychology	---
BEd Special – MR	1 Year	Rehabilitation Council of India Approval	---

## DEPARTMENT OF SOCIOLOGY

**Head:** Dr R H Makwana, **Phone:** (O) 02692-226826

**Faculty:** 3 Professors, 1 Associate Professor

Sr No	Name	Designation	Academic Qualification
1	Dr R H Makwana	Professor	MA, MPhil, GSET, NET, PhD
2	Dr J M Trivedi	Professor	MA, MPhil, PhD
3	Dr H N Patel	Professor	MA, MPhil, PhD, LLB
4	Dr (Kum) I M Macwan	Associate Professor	MA, MPhil, PhD

**Courses Offered:** MA, MPhil, PhD, MA (External)

**Major Achievements:** The Department of Sociology has rich experience of research. The members of the faculty have completed 01 research projects in all sponsored by UGC. 8 Candidates have cleared GSET. UGC has granted “The Centre for Indian Diaspora”, 2 National Seminars 1 International Seminars, 07 Articles Published at National & International Level, 06 PhD completed, 06 M.Phil Completed, 04 Book Published organized by Department.

**Library Facilities:** Library Books: 250

Programme Name	Duration	Eligibility	Highlights
MA-Sociology (Regular )	4 Semesters	BA Sociology	---
MA-Sociology (External)	2 Years	BA Sociology	---
MPhil	2 Semesters	MA Sociology	---
PhD	Minimum 6 Semesters	MA Sociology	---

**Smt S J Patel and Smt K K Patel Department of Social Work  
(MSW)  
(DEPARTMENT OF SOCIAL WORK)**

**Head:** Dr (Miss) Shivani Mishra. **Phone: (O)** 02692-231231

**Faculty:** 2 Lecturers [S S]

Sr No	Name	Designation	Academic Qualification
1	Dr (Miss) Shivani Mishra	Lecturer (S.S)	MSW, PhD
2	Dr (Mrs) Bigi Thomas	Lecturer (S.S)	MSW, PhD
<b>Contractual/adhoc teaching staff. [05]</b>			
1	Mr Brijeshkumar K Patel	Lecturer	BCom, MHRM
2	Mrs. Sneha A Dhobi	Lecturer	MSW, PhD Pausing
3	Mr. Daxesh S. Chauhan	Lecturer	M.Phil
4	Ms. Prabikshaben R. Solanki	Lecturer	MHRM
5	Mr. Sunil P Giri	Lecturer	MHRM

**Technical and Supporting Staff:** 01 Supporting Staff

**Courses Offered:** Masters in Social Work (MSW) – Full Time, Generic Course, Masers of Human Resource Management (MHRM) – Full time, MPhil: Full time Course, PhD: and Part Time Course.

**Features of the Department**

Group discussion among the colleagues and teachers, Challenging Assignments, Case Study, and Role playing, Guest lectures, Seminars/Workshops/ Training, Skit Presentation, Juxtaposing, Supervisory Conferences, Research Dissertation, NGO meets, Alumni meet, HR Convention/Summit, Rural Camp, Study Tour, Exposure Visit/Corporate Visit/UGC Workshop/Field Work/Intense Training.

**Major Research Activities**

**(A) Students Engaged in:** In house training through various organisations, Collaborative research work with NGO, Industry and Hospital Settings. The research project at the Master level of the students gives the opportunity to plan and conduct original investigation in an area of study with the guidance of faculty members of the Department,

**(B) Faculty Engaged in:** Research Work in minor and major Research Project funded by UGC and Sardar Patel University, Publishing Research Papers/ Projects, Books, Articles in reputed journals, participating in National/International Seminar/Workshops/Conferences/Conclave, Continuously and actively participated in Training Programme in Social work research training, Worked as Resources Person in many reputed organisation.

**Skill Based Training Programme:** Field Training, Study Tour and rural Camp, Block/Summer Placement, Continual learning with Professional training, exposure visit and orientation programmes, student's seminars, workshops, training programmes and symposia.

**Facility**

**Library Facilities:** The Department has 3440 books, 12 journals/Magazine, 1937 Dissertations. The Library is fully computerized and renders bar-coded services.

**Audio-Visual Facilities:** The Department is fully equipped with audio-visual equipment to provide multimedia learning experience. In addition to this, the Department has its own Multimedia –LED for the purpose of interactive teaching, for effective mass communication during field work. Theory and the Department is fully equipped with CCTV camera system.

**Conference Room:**

The Department has a well equipped conference room, for student and faculty.

**Facilities for Faculty/Students:** The Department has computer Laboratory and Internet facilities.

**Major Achievements:**

70% of our students have secured placements in industries namely Apollo Tyres, IDMC, Reliance, Jhaveri Securities etc Government and NGO like UNICEF, GSDMA etc, Hospitals, like Karamsad Eye Hospital, Teaching and Research institutions since 1999. Department has also started consultancy work with industry and NGO, Department has also done MoU for field work, Research and Training Programmes.

Program	Duration	Eligibility	Highlights
Masters in Social Work (MSW)	4 Semesters	Any Graduate	Merit Based
Masters in Social Work HR (MSW-HR)	4 Semesters	Any Graduate	Merit Based
Masters of Human Resource Management (MHRM)	4 Semesters	Any Graduate	Merit Based
MPhil in Social Work	2 Semesters	Post Graduation in Social Work	Entrance Test
PhD-Social Work	Minimum 6 Semesters	Post graduation in Social Work and Related Discipline.	Entrance Test

## DEPARTMENT OF BUSINESS STUDIES

(A UGC- SAP Department) (DRS Phase – II 2013-2018)

**Head:** Prof Dr S K Bhatt, MCom, PhD. **Phone :** (O) 02692-226872/73 (R) 02692-248483  
(M) 9879500416

**Faculty:** 4 Professors, 4 Associate Professors, 3 Assistant Professors

Sr No	Name	Designation	Academic Qualification
1	Dr S K Bhatt	Professor & Head	MCom, PhD
2	Prof P K Rathod	Professor & Dean	PhD, FDPM
3	Dr C K Sonara	Professor	MCom,BEd, MEd, PhD
4	Dr Y M Dalwadi	Professor	MCom,PhD
5	Dr R M Joshi	Associate Professor	MCom,PhD
6	Dr P R Sheth	Associate Professor	MCom,PhD
7	Dr D S Mistry	Associate Professor	MCom,PhD
8	Dr Kamini Shah	Associate Professor	MCom,PhD
9	Miss Darshana S Rohit	Assistant Professor	MCom,PhD



10	Mr Sureshkumar P Machhar	Assistant Professor	MBA, PhD
11	Dr A D Amin	Assistant Professor	MBA, PhD

**Technical and Supporting Staff:** 1 Librarian, 1 Administrative Staff, 2 Supporting Staff

#### **Innovative Practices**

- Introduction of CBCS Semester System and Grading System from June, 2010,
- Motivating students to write a conference/seminar papers,
- Students are participating in UGC-SAP National Seminar,
- Faculty members participated in FDP in Management, IIM-Ahmedabad,
- Workshops on UGC NET/SLET,
- Leadership Skill and E-Commerce (Course Paper),
- Power-point Presentations – MCom, MPhil, and PhD, Placement Cell,
- Computer Lab (50 PCs),
- Computer Application to Business Paper – I (Sem II) and Paper – II (Sem – III) for practical knowledge to the students.

#### **Research Activities**

- Research Projects : Major Completed – 11; and Minor Completed – 20,
- Produced : 130 PhD and 340 MPhil in the areas mainly F & A, Management, HRM,
- Publications : 71 Books and Large No of Papers of Faculty Members,
- Awards : 3 National Levels,
- Seminars Organised : 26,
- Workshops Organised : 06,
- Refresher Course Organised : 05 + 02 (ASC – SPU) = 07,
- UGC – SAP (DRS Phase – II): First and only Department of Commerce not only in Gujarat but in the Western India for the 5 years from 01/04/2013 to 31/03/2018,
- UGC grants Rs 40/- lac for continuation of SAP DRS – I to II from 01/04/2013 to 31/03/2018,
- Six ISBN edited Books of quality papers of UGC-SAP DRS-I National Seminars are published by the Oxford Books Company, Jaipur in 2013.

#### **Interaction/Collaboration**

Industry-Department – Linkages Activities of current collaboration, Curriculum Development, Course Project Work, Seminar/Symposia Sponsorship, Communication Skills Development Scheme, Teaching/Training (Visiting Guest Faculty), Viva-Voce and Evaluation of MCom, PhD and MPhil Dissertation Work, Case Writing/Case Study Preparation, Students' Industrial Visits and Practical Business Training and Development.

#### **Research Facilities:**

Computers – 10

LCD Projector – 06

Printers – 04 (01 Printer Three in one)

UPS – 10

Wireless Presenter with in-built Laser Pointer

#### **Library Facilities**

Department Library: Department - 4339 Books, 20 Journals & Magazines, 4 Newspapers, UGC-SAP Library: 592 Books

#### **Achievements**

##### **Faculties Achievements**

➤ Dr. S. K. Bhatt, Professor, participated in the International Conference on Knowledge Globalisation held at Dhaka (Bangladesh) 8-10 May, 2010 organised by North South University, Bangladesh, Snffolk University, USA and Knowledge Globalisation Institute Bostan, USA. He presented a paper on “Financing to the poor: An evaluation of some lending Microfinance Institutions

of India” and he also visited Grameen Bank Bangladesh for his thrust area of Major Research Project on Micro finance, Financed by U.G.C. He has written a book entitled “Corporate Financial Reporting in India”.

➤ Dr. C. K. Sonara, Professor and Mr. Dhaval Sharma, Research Scholar was awarded “Shree Dadabhai Navroji Award” for Best Research Paper published academic papers of high quality in National and International Journals of high reputation during the year of 2012 entitled “Corporate Environmental Accounting and Reporting – An Empirical Study of different groups of selected companies in India”, by Sardar Patel University on Convocation Day 15<sup>th</sup> December, 2013.

#### **Students’ Achievements**

➤ During the year 2013-14, 12 students cleared UGC NET-L viz., Ms. Punita Rajpurohit cleared NET-JRF and Anu Verma, Bhautik Patel, Parth Bhatt, Sanjay Thakkar, Ashok Gaur, Imran Pathan, Sunilkumar Chaudhary, Vishalkumar Patel, Hemendra Shah and Jayshree Mandaviya of Department of Business Studies and A. V. Bhatia cleared NET-JRF. In 2014-15 4 students cleared GSET viz., Gaurang Barot, Parth Bhatt, Nilesh Shah and Narendrasinh Raj.

#### **Foreign Students:**

#### **Programmes Offered:**

<b>Programmes Offered</b>	<b>Duration</b>	<b>Eligibility</b>
MCom (CBCS) [Grant-in-aid and Self-Finance]	4 Semesters	A candidate who has passed the Degree of Bachelor of Commerce, or the Degree of Bachelor of Business Administration of this university under 10+2+3 pattern and has passed HSC (Std XII) Examination with English as one of the subjects, or an examination recognized as equivalent thereto, will be eligible for admission to the MCom programme in this University.
		A candidate who has passed a Bachelor's Degree in Arts (English Stream) (Economics) will be eligible for admission to MCom Degree Course. However, the number of such students shall not exceed 15.
MPhil (Commerce) [Grant-in-aid and Self-Finance]	1 Year	For admission to MPhil the UGC Regulations 2009 and Rules and Regulations for MPhil Programme as on 19/12/2011 of SPU RPG MPhil 5 to 8
PhD(Commerce)	Part Time/Full Time	For admission to PhD the UGC Regulations 2009 and Rules and Regulations for PhD Programme as on 19/12/2011 of SPU RPG PhD 8 to 11.
PGDHRD [Post Graduate Diploma in Human Resource Development]	1 Year	A candidate seeking admission to Postgraduate Diploma in Human Resources Development in Bachelor's degree (under 10+2+3 pattern) in any faculty of this University, or an examination recognized as equivalent thereto by this University, provided the applicant has passed in paper in the subject of English at the degree examination, or has studied through the medium of the English up to the degree level.
PGDBM [Post Graduate Diploma in Business Management]	1 Year	

## **G H PATEL POSTGRADUATE DEPARTMENT OF BUSINESS MANAGEMENT (DEPARTMENT OF MBA)**

**Head :** Prof R P Patel, **Phone:** (O) 02692-248463 (**Fax**): 02692-248444

**Head :** Prof R P Patel, Till: 20/02/2016

**Head:** Prof Yogesh C. Joshi, From: 21/02/2016

**Phone:** (O) 02692-248463 (**Fax**): 02692-248444

**Faculty:** 5 Professors, 2 Assistant Professors

Sr No	Name	Designation	Academic Qualification
1	Dr R P Patel	Professor	PhD
2	Dr Yogesh C Joshi	Professor	PhD
3	Dr (Mrs) D R Dave	Professor	PhD
4	Dr P K Priyan	Professor	PhD
5	Dr Raju M Rathod	Professor	PhD
6	Dr A C Mehta	Assistant Professor	PhD
7	Dr Sai Prasad Kola	Assistant Professor	PhD

**Technical and Supporting Staff:** 02 Administrative Staff, 02 Supporting Staff

**Courses Offered:** MBA with specialization in Marketing and Finance areas, PhD programme in all areas of Management.

#### **Research Facilities**

All seven faculty Members are recognized as PhD Guides. The department has also been provided with a special grant from the UGC to support research on Consumer Behavior and Consumer Education under the prestigious SAP Programme. It is the only Management Department in Gujarat to get this status.

#### **Major Research Activities**

Major Research areas are Marketing Management, Financial Management, Human Resource Management, Accounting, and Taxation, Economics and Business Environment, Managerial and Organizational Communication, Business Policy and Strategic Management, Production Management and Operations Research. Various themes related to above research areas major research projects sponsored by UGC, ICSSR, and Government of Gujarat are being pursued by faculty members.

#### **Linkages at a Glance**

The department has an active collaboration with other Universities/ Industry/ Research Organizations in terms of Curriculum Development, Teaching/ Training (Visiting Guest Faculty) Summer Placement, Course Project Work, Comprehensive Project Study, Viva-Voce and Evaluation of Dissertation Work, Final Placement, Sponsored Studies, Project, Seminar/ Symposia Sponsorship, Case Writing/ Case Study Preparation, Executive Education Programme, management Training and Development. The Department and faculty have a regular interaction with renowned institutes like UGC, AICTE, IIMA, IRMA and Universities in Gujarat and other states.

#### **Library Facilities**

Books: 14160, Newspapers: 06, Periodicals, and Journals: 75 are available in Department Library.

#### **Major Achievements**

- The Department is recipient of UGC SAP II under department research scheme. The Department has produced more than 1800 trained young Executives/Managers since its inception in 1989,
- Rated among the top three business schools in Gujarat among all Universities in terms of student preference,
- Undertook various Marketing Research Consultancy Projects for MSMEs.
- Organized Executive Development Programme/ Management Development Programmes, Seminars and workshops.
- Research sponsored by UGC, ICSSR, ECI, UNDP/Government of Gujarat undertaken by faculty.

- More than 100 research students have completed PhD from Department till date.
- 100 percent placement record since inception, Competent and experienced faculty.

Programme	Duration	Eligibility	Highlights
MBA	4 Semesters	Any Graduate qualified through CMAT	Emphasis on regular assessment and Feedback.
PhD- (Business Management)	Minimum 6 Semesters (Part Time)/ Minimum 4 Semesters (Full Time) Through Thesis work	MBA/ Postgraduate of any related Discipline/ Professionals	Course work as per UGC requirement

## DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

**Head:** Dr.N D Oza, **Phone Number:** (O) 02692-226880 (R) 02692-222263

**Faculty:** 3 Assistant Professor,

Sr No	Name	Designation	Academic Qualification
1	Dr N D Oza	Assistant Professor	PhD
2	Dr J C Makwana	Assistant Professor	PhD
3	Dr L N Zala	Assistant Professor	PhD

**Technical and Supporting Staff:** 1 Administrative Staff, 1 Supporting Staff

**Courses Offered:** BLib and Information Science, MLib and Information Science, MPhil and PhD

### Major Research Activities

#### (a) Faculty Engaged in:

- MPhil and PhD guidance, Work in Minor Research Projects Funded by UGC
- Publishing Research Papers, Project Articles and Books
- Participating in International and National State Level Seminars/Conference/Workshop etc.

#### (b) Students engaged in:

- Research work for PhD and M Phil
- Research project for Master of Library and Information Science

### Major Research Areas:

- Information and Communication Technology
- Digitization Project, Rural Community Information Need & Assessment
- Computerization and Networking of University Library
- Collection development in Internet era
- Knowledge Management, Institutional Repositories & Digital Libraries
- Web Presence, Content Management
- Web 2.0 application in Library & Information Science, Conservation & Preservation of Digital Content
- Bibliometric Analysis & GIS

### Facilities:

- Department Library Facilities: 900 Books and 5 Journals, e-Journals access
- Computer Laboratory having 17 Computers with 6 Printers and 1 Flatbed Scanner
- Digital Library having 15 Computers and 1 RAID Server

- Internet Facilities, Digital Technology: (A) Book Drive Pro, (B) Book eye-4
- Canon Xerox Machine - 1

#### Major Achievements:

- 5 Students cleared NET & 13 Students cleared GSET
- Developed Institutional Repository, 90% Students have secured suitable placements in different types of libraries
- Campus Interview organized by reputed Institutes with impressive placement ratio, Organized two Refresher Courses
- Co-ordinated refresher course organized by Academic Staff Colleges
- Faculties delivered expert lectures at different Universities in Gujarat as well as out of Gujarat, Faculties delivered lectures as a resource persons in Refresher courses
- Eminent Scholars of the field delivered lectures to our Students, Active Alumni Association; Organization Seminars, Workshop etc.

Programme Name	Duration	Eligibility	Highlight
BLib and Information Science	2 Semesters	Degree in any Branch with English	Compute Application in Library hand on training, Training of SOUL 2.0, Practical Training in College & University
MLib and Information Science. (Full Time)	2 Semesters	BLib and Information Science	To Develop Digital Library, Institutional Repository
MLib and Information Science (Part time)	4 Semesters	BLib and Information Science	Information Product Practices, One can be self sufficient in real life
MPhil in Information Science	2 Semester	MLib and Information Science	Research on recent trends
PhD in Information Science	Minimum 6 Semesters	MLib and Information Science	Research on recent trend & Motivate for Original Work

## DEPARTMENT OF PHARMACEUTICAL SCIENCES

**Head (I/C) :** Prof D K Raval, **Phone Number: (O)** 02692-22684/226886 **(R)** 02692-291829

**Faculty:** Assistant Professor: 2

Sr No	Name	Designation	Academic Qualification
<b>Teaching staff</b>			
1	Ms Shraddha J Parmar	Assistant Professor	MPharm
2	Dr.Mrs Bhavna A Patel	Assistant Professor	MPharm, PhD

**Technical and Supporting Staff:** 1 Supporting Staff

**Courses Offered:** Degree of Master of Pharmacy (MPharm) in Pharmaceutics and Quality Assurance branches

#### Major Activities

- Three UGC sponsored National Seminars and one seminar on IPR has been arranged,
- GSBT Mission-MSME Cluster and GVFL sponsored Biopreneur camps have been arranged,

- National Science Day Celebrations (Library Extension Activity) in collaboration with C C Patel Community Science Center,
- Students are constantly motivated to participate in activities at National Level,
- Lecture series have been arranged under UGC Teachers' Exchange scheme. Students are motivated to take industry sponsored projects for their dissertation. Placement cell is active for arranging campus interview.

### Research Area

- Method Development & Validation of Pharmaceutical Formulations, Drug Delivery Systems,
- 32 research articles have been published and two chapters have been contributed by a faculty members.

### Facilities

**Library:** A good collection of books and Journals with large excess to e-learning resources

**Laboratory:** Well maintained laboratories each for Pharmaceutics and Quality Assurance along with Machine Room, air conditioned sophisticated instrument lab and First- Aid Room

**Computer Lab:** Well equipped with 20 terminals each having internet connection

Programme Name	Duration	Eligibility
MPharm	4 Semesters	BPharm
PhD	-	MPharm

## N V PATEL POSTGRADUATE DEPARTMENT OF COMMUNICATION AND MEDIA STUDIES

**Head:** Prof J H Khan, (Honorary Director), **Phone: (O):** 02692-226859/226829, 232200

**Courses Offered:** MA in Communication and Media Studies

(The two-semester Postgraduate Diploma in Communication and Media Studies run between 2005-06 and 2009-10 was replaced by MA in Communication and Media Studies in 2010-11. The Department no longer runs the Postgraduate Diploma in Communication and Media Studies)

**Research Facilities and Activities:** We would like to initiate an MPhil Programme for which we need more space and physical facilities. We shall be able to undertake this only thereafter. Currently, the MA Programme has provision for a dissertation of 8000 – 10000 words and a report also on the hands-on training that our students are required to have

**Major Sophisticated Equipment:** 1 TV, 1 DVD Player, 6 PCs available in the Computer Laboratory with Internet Connectivity for the exclusive use of the students and members of the faculty.

**Major Achievements:** Our students have had the benefit of cent per cent placement so far because our actual students' intake remains around 8-10, Our students get job offers during their internship, A young faculty consisting of visiting teachers and eminent media persons, One-to-one supervision has been made possible due to smaller numbers

**Library Facilities:** Books: 30 and Newspapers

**Special information:** The department is in its nascent stage and we are trying to strengthen the Department.

**Thrust Areas:** Advertising and Public Relations, and Development Communication.

Programme Name	Duration	Eligibility
MA in Communication and Media Studies	4 Semesters (2 years)	Bachelor Degree in any discipline

## USIC (UNIVERSITY SCIENCE INSTRUMENTATION CENTRE)

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**Head :** Mr Sulax C Shah (I/c Head), **Phone:** (O) 02692-226850/51 (R) 02692-235715

**Technical and Supporting Staff:** 1 Administrative Staff, 4 Technical Staff

**Staff:** 4 Technical Staff, 1 Administrative Staff

**Courses Offered:** PG Diploma in Instrumentation

**Library Facilities:** Books –800, 06 Technical magazines are subscribed

**Other facilities:** Computers – 04, Internet – 04 nodes

**Special information:** USIC is helping all the departments as well as affiliated colleges in repairing and maintaining of instruments and fabrication of instruments for Research Scholars

**Major Achievements:**

- Extends repairing, maintenance and research facilities to the Postgraduate Departments of Sardar Patel University as well as to its affiliated colleges and nearby institutes,
- In view of the infrastructural facilities and services provided, the UGC has upgraded the centre from level-II to level-III in 1990,
- Conducts special courses in instrumentation, designed specially to upgrade the knowledge of technical and scientific staff of USIC and of other institutions in maintenance of instruments,
- Conducts short-term courses for students, teachers of University Departments as well as colleges on various aspects of instrumentation and training programmes on proper use of instruments,
- Has started a 2 semester Post BSc Diploma in Instrumentation with an intake of 6 students to generate middle order technical manpower for the industries since 1991,
- 16 batches of the Post BSc Diploma in Instrumentation have successfully completed and all the students of previous batches have found gainful employment in well-reputed industries in and around Gujarat and abroad.

# CHAPTER-1

## CURRICULAR ASPECTS

The UGC has identified teaching-learning, research, extension services, corporate activities and consultancy as the five major areas where teachers must contribute. The first in the list are teaching-learning which, as a criterion in the NAAC list, carries substantial weighting. Teaching-learning is woven around a curriculum in any institution. Students derive benefit from a well thought-out curriculum accounting for the latest developments in a chosen field of specialisation. We have followed the Semesterised Choice Based Credit System from 2010-11 onward. Periodic revision of courses every three years is among our best practices.

The University offers numerous programmes across disciplines in the form of Postgraduate Degree Courses, Postgraduate Diploma Courses, Diploma Courses, and Certificate Courses in its Postgraduate Departments and a Constituent College while Undergraduate Degree programmes are on offer in its colleges affiliated to it. Merit forms the basis of admission to masters programmes and there are entrance tests conducted and merit lists based on the results of these are used for admission to professional courses, MPhil and PhD programmes in compliance with the UGC mandate and other professional bodies, as the case may be. We have made provisions for mandatory coursework for those admitted to our PhD programmes. Also for submission of M.Phil and Ph.D. Thesis University has prepared the plagiarism policy.

All courses under the curriculum are examined in detailed before being passed by respective Boards of Studies, Faculty concerned, Postgraduate Board of Studies, Academic Council, Senate, and the Executive Council.

### 1.1 Courses/Programmes Offered

The university offers following courses

#### Details of Postgraduate, Diploma, Postgraduate Diploma, Certificate Course

##### 1. Faculty of Arts

Sr No	Course	Duration
<b>Graduate Courses</b>		
1	BA Gujarati	6 Semesters
2	BA Hindi	6 Semesters
3	BA English	6 Semesters
4	BA Sanskrit	6 Semesters
5	BA Economics	6 Semesters
6	BA History	6 Semesters
7	BA Logic and Philosophy	6 Semesters
8	BA Sociology	6 Semesters
9	BA Psychology	6 Semesters
10	BA Political Science	6 Semesters
11	BA Geography	6 Semesters
12	BA Co-operation	6 Semesters
13	Bachelor of Social Work (BSW )	6 Semesters
14	Bachelor of Visual Arts (BVA)	8 Semesters
15	Bachelor of Interior Design	8 Semesters
<b>Postgraduate Courses</b>		
1	MA Gujarati	4 Semesters
2	MA Hindi	4 Semesters
3	MA English	4 Semesters
4	MA Sanskrit	4 Semesters



Sr No	Course	Duration
5	MA Economics	4 Semesters
6	MA History	4 Semesters
7	MA Political Science	4 Semesters
8	MA Sociology	4 Semesters
9	MA Psychology	4 Semesters
10	BLib and Information Science	2 Semesters
11	MLib and Information Science (Part Time)	4 Semesters
12	MLib and Information Science (Full Time)	2 Semesters
13	Master of Social Work (HR) (Social Work)	4 Semesters
14	Master of Social Work (MSW) (Social Work)	4 Semesters
15	MA in Communication and Media Studies	4 Semesters
16	Master of Public Administration (MPA)	4 Semesters
17	MA Logic and Philosophy	4 Semesters
18	MA Education	4 Semesters
19	Special BEd MR (Psychology)	2 Semesters
20	Master of Interior Design	4 Semesters
21	Master of Human Resource Development	4 Semesters
<b>Diploma/Postgraduate Diploma Courses</b>		
1	Diploma in Music and Dance	
2	Postgraduate Diploma in Hindi Linguistics	
3	Postgraduate Diploma in Functional Hindi	
4	Postgraduate Diploma in Drama and Dramatics	
5	Postgraduate Diploma in the Teaching of English	
6	Postgraduate Diploma in Translation Studies	

## 2. Faculty of Business Studies

Sr No	Course	Duration
<b>Graduate Courses</b>		
1	BCom (Advance Accountancy and Auditing)	6 Semesters
2	BCom (Business Management)	6 Semesters
3	BCom (Advance Banking)	6 Semesters
4	BCom (Honours) (Corporate Banking)	8 Semesters
<b>Postgraduate Courses</b>		
1	MCom	4 Semesters
<b>Diploma/ Postgraduate Diploma Courses</b>		
1	Postgraduate Diploma in Marketing Management	
2	Diploma in Human Resource Development	

## 3. Faculty of Science

Sr No	Course	Duration
<b>Graduate Courses</b>		
1	BSc Mathematics	6 Semesters
2	BSc Statistics	6 Semesters
3	BSc Chemistry	6 Semesters
4	BSc Physics	6 Semesters
5	BSc Biosciences	6 Semesters
6	BSc Industrial Chemistry	6 Semesters
7	BSc Computer Science	6 Semesters
8	BSc Electronics	6 Semesters
9	BSc Materials Science	6 Semesters
10	BSc Microbiology	6 Semesters

Sr No	Course	Duration
11	BSc Zoology	6 Semesters
12	BSc Botany	6 Semesters
13	BCA	6 Semesters
<b>Postgraduate Courses</b>		
1	MSc Mathematics	4 Semesters
2	MSc Statistics	4 Semesters
3	MSc Microbiology	4 Semesters
4	MSc Biochemistry	4 Semesters
5	MSc Zoology	4 Semesters
6	MSc Biotechnology	4 Semesters
7	MSc Industrial Biotechnology	4 Semesters
8	MSc Bioinformatics	4 Semesters
9	MSc Materials Science	4 Semesters
10	MSc Nanoscience and Nanotechnology	4 Semesters
11	MSc Electronics	4 Semesters
12	MSc Organic Chemistry	4 Semesters
13	MSc Industrial Polymer Chemistry	4 Semesters
14	MSc Analytical Chemistry	4 Semesters
15	MSc Physical Chemistry	4 Semesters
16	MSc Inorganic Chemistry	4 Semesters
17	MSc Industrial Chemistry	4 Semesters
18	MSc Surface Coating Technology	4 Semesters
19	MSc Oils, Fats, Waxes	4 Semesters
20	MSc Polymer Science and Technology	4 Semesters
21	MSc Information Technology	4 Semesters
22	MSc Instrumentation	4 Semesters
23	MCA	6 Semesters
24	Masters in Quality and Productivity Management (MQPM)	4 Semesters
25	MSc Botany	4 Semesters
26	MSc Physics	4 Semesters
27	MSc Biotech (Integrated)	11 Semesters
28	MSc (IT) (Integrated)	10 Semesters
29	MSc Electronics and Communication	4 Semesters
30	MSc Environmental Science and Technology	4 Semesters
31	MSc Genetics	4 Semesters
32	MSc Pharmaceutical Chemistry	4 Semesters
33	MSc Forensic Science	4 Semesters
<b>Diploma/Postgraduate Diploma Course</b>		
1	Postgraduate Diploma in Computer Science and Application	
2	Post BSc Diploma in Analytical Chemistry	
3	Post BSc Diploma in Industrial Chemistry (Oil, Fats and Waxes)	
4	Post BSc Diploma in Paints and Varnishes	
5	Post BSc Diploma in Instrumentation	
6	Post BSc Diploma in Plastic Technology	
7	Postgraduate Diploma in Polymer Science	

#### 4. Faculty of Home Science

Sr No	Course	Duration
<b>Undergraduate Courses</b>		
1	BSc (Home Science)	6 Semesters
<b>Postgraduate Course</b>		

1	MSc (HS) Foods and Nutrition	4 Semesters
2	MSc (HS) General	4 Semesters
3	MSc (HS) Human Development	4 Semesters
4	MSc (HS) Food Biotechnology	4 Semesters
5	MSc (HS) Textiles and Clothing	4 Semesters
6	MSc (HS) Family Resource Management	4 Semesters

### 5. Faculty of Education

Sr No	Course	Duration
<b>Undergraduate Courses</b>		
1	BEd (General)	4 Semesters
2	BEd (English)	4 Semesters
3	BEd (Advanced)	4 Semesters
<b>Postgraduate Course</b>		
1	MEd	4 Semesters
<b>Diploma/ Postgraduate Diploma Course</b>		
1	Postgraduate Diploma in Education Management	

### 6. Faculty of Management

Sr No	Course	Duration
<b>Undergraduate Course</b>		
1	BBA (General)	6 Semesters
2	BBA (FT)	6 Semesters
3	BBA (ISM)	6 Semesters
4	BBA (ITM) Honours	8 Semesters
5	BBA (HM) Honours	8 Semesters
6	BBA (TTM) Honours	8 Semesters
<b>Postgraduate Course</b>		
1	MBA	4 Semesters
2	ME-Business	6 Semesters
<b>Diploma/ Postgraduate Diploma Course</b>		
1	Postgraduate Diploma in Business Administration (PGDBA)	
2	Postgraduate Diploma in Company Administration	
3	Postgraduate Diploma in Banking	
4	Postgraduate Diploma in E-Business	
5	Postgraduate Diploma Degree Management	

### 7. Faculty of Medicine

Sr No	Course	Duration
1	B Physiotherapy	8 Semesters
2	BSc MLT	6 Semesters
3	BMLT	6 Semesters
4	MBBS	8 ½ Semesters
<b>Postgraduate Course</b>		
1	MSc (Medical) Anatomy	4 Semesters
2	MSc (Medical) Physiology	4 Semesters
3	MSc (Medical) Bio-Chemistry	4 Semesters
4	MSc (Medical) Microbiology	4 Semesters
5	MSc (Medical) Pharmacology	4 Semesters
6	MD Medicine and Anaesthesia	4 Semesters
7	MS ENT	4 Semesters
8	M Physiotherapy	4 Semesters

Sr No	Course	Duration
9	MMLT	4 Semesters
<b>Diploma/ Postgraduate Diploma Course</b>		
1	Diploma in General Nursing and Midwifery	
2	Diploma in Medical Laboratory Technology	
3	Postgraduate Diploma in Medicine: Anaesthesiology (DA)	
4	Postgraduate Diploma in MS ENT DLO	
5	Postgraduate Diploma in Radiology	

#### 8. Faculty of Homeopathy

Sr No	Course	Duration
1	BHMS	8 Semesters
<b>Postgraduate Course</b>		
1	MD (Homeopathy) Materia Medica	4 Semesters
2	MD (Homeopathy) Repertory	4 Semesters
3	MD (Homeopathy) Homoeopathic Philosophy	4 Semesters

#### 9. Faculty of Law

Sr No	Course	Duration
<b>Undergraduate Courses</b>		
1	BA (LLB) Integrated	10 Semesters
2	BBA (LLB) Integrated	10 Semesters
3	BCom (LLB) Integrated	10 Semesters
4	LLB (General)	4 Semesters
5	LLB (Special)	2 Semesters
4	LLM	4 Semesters
<b>Diploma/ Postgraduate Diploma Course</b>		
1	Diploma in Taxation Laws and Practice	
2	Diploma in Co-operative Laws and Practice	
3	Diploma in Labour Laws and Practice	

#### 10. Faculty of Pharmacy

Sr No	Course	Duration
<b>Postgraduate Course</b>		
1	M Pharm Quality Assurance	4 Semesters
2	M Pharm Pharmaceutics	4 Semesters

#### 11. Faculty of Engineering

Sr No	Course	Duration
<b>Undergraduate Course</b>		
1	B Architecture	10 Semesters
<b>Postgraduate Course</b>		
1	Master of Valuation (Plant and Machinery)	4 Semesters
2	Master of Valuation (Real Estate)	4 Semesters
3	Master of Industrial Hygiene and Safety	4 Semesters
4	Master of Urban Planning	4 Semesters
5	MSc Biomedical Science	4 Semesters
6	MSc Defence Science	4 Semesters
7	MSc Earth Science	4 Semesters

## Research Courses

Sr No	Course	Duration
<b>MPhil (Arts)</b>		
1	MPhil Gujarati	2 Semesters
2	MPhil Hindi	2 Semesters
3	MPhil Sanskrit	2 Semesters
4	MPhil English	2 Semesters
5	MPhil Sociology	2 Semesters
6	MPhil Economics	2 Semesters
7	MPhil Psychology	2 Semesters
8	MPhil Library and Information Science	2 Semesters
9	MPhil History	2 Semesters
10	MPhil Social Work	2 Semesters
11	MPhil Political Sciences	2 Semesters
12	MPhil ELT	2 Semesters
<b>M Phil (Education)</b>		
1	MPhil Education	2 Semesters
<b>M Phil (Science)</b>		
1	MPhil Physics	2 Semesters
2	MPhil Mathematics	2 Semesters
3	MPhil Statistics	2 Semesters
4	MPhil Computer Science	2 Semester
<b>M Phil (Business Studies)</b>		
1	MPhil Business Studies	2 Semesters

## Doctoral Courses

<b>PhD (Arts)</b>		
1	PhD Gujarati	6 Semesters
2	PhD Hindi	6 Semesters
3	PhD Sanskrit	6 Semesters
4	PhD English	6 Semesters
5	PhD Sociology	6 Semesters
6	PhD Economics	6 Semesters
7	PhD Psychology	6 Semesters
8	PhD Library and Information Science	6 Semesters
9	PhD History	6 Semesters
10	PhD Social Work	6 Semesters
11	PhD Political Science	6 Semesters
<b>PhD (Science)</b>		
1	PhD Microbiology	6 Semesters
2	PhD Biochemistry	6 Semesters
3	PhD Biotechnology	6 Semesters
4	PhD Botany	6 Semesters
5	PhD Zoology	6 Semesters
7	PhD Organic Chemistry	6 Semesters
8	PhD Inorganic Chemistry	6 Semesters
9	PhD Physical Chemistry	6 Semesters
10	PhD Analytical Chemistry	6 Semesters
11	PhD Industrial Chemistry	6 Semesters
12	PhD Industrial Polymer Chemistry	6 Semesters

13	PhD Computer Science	6 Semesters
14	PhD Electronics	6 Semesters
15	PhD Materials Science	6 Semesters
16	PhD Materials Technology	6 Semesters
17	PhD Mathematics	6 Semesters
18	PhD Physics	6 Semesters
19	PhD Statistics	6 Semesters
20	PhD Genetics	6 Semesters
21	PhD Environmental Science	6 Semesters
22	PhD Forensic Science	6 Semesters

<b>PhD Home Science</b>		
1	PhD Food and Nutrition	6 Semesters
2	PhD Food Biotechnology	6 Semesters
3	PhD Textiles and Clothing	6 Semesters
<b>PhD Business Studies</b>		
1	PhD Business Studies	6 Semesters
<b>PhD Education</b>		
1	PhD Education	6 Semesters
2	PhD Physical Education	6 Semesters
<b>PhD Pharmaceutical Sciences</b>		
1	PhD Pharmaceutical Sciences	6 Semesters
2	PhD Pharmaceutical Chemistry	6 Semesters
<b>PhD Medicine</b>		
1	PhD Anatomy	6 Semesters
2	PhD Biochemistry (Medical)	6 Semesters
3	PhD Pharmacology	6 Semesters
4	PhD Physiotherapy	6 Semesters

#### **External Courses (Yearly System)**

<b>Sr No</b>	<b>Course</b>
1	MA Gujarati
2	MA Hindi
3	MA English
4	MA Sanskrit
5	MA Economics
7	MA Sociology
8	MA History
9	MCom
10	BA Gujarati

11	BA Hindi
12	BA English
13	BA Sanskrit
14	BA Economics
15	BCom

### Certificate Course

Sr No	Course
1	English Language Teaching
2	Advanced Certificate Course in Communication Skills in English
3	Guidance and Counselling
4	Junior and Senior Certificate Courses in English
5	School Administration
6	Data Entry Course
7	SPSS

### 1.2 Course revision and additions during the year 2016-2017

Sr No	Department	New Courses Revision
1.	M.Sc. (Materials Science)	PS01CMTS01 - Basic Concepts in Materials Science PS01CMTS02 - Interfacial Aspects of Materials Science PS01CMTS04 - Polymer Science PS02CMTS07 – Spectroscopy PS02CMTS03 - Microstructure Control and Metallic Processing PS02EMTS01 – Defect Structures and properties of Materials PS03CMTS01 - Glass, Ceramic and Carbon Materials PS03CMTS07 - Fibers, Plastics and Elastomers PS03EMTS01 - Composite Materials PS04CMTS06– Engineering Polymers PS04CMTS02 - Selected Topics in Nanoscience and Nanotechnology PS04EMTS02 – Ceramic Technology
2.	M.Sc. (Nano Science & Nano Technology)	PS01CNTS01 - Fundamental Materials Science PS01CNST02 - Interfaces and Adhesion in Materials PS01CNST04 - Basic Concepts in Polymer Science PS02CNST03 – Nanostructures and Metallic Materials PS02ENST01 - Selected topics in Nano-Materials PS03CNST01 - Glass Ceramics and Nanostructured Materials
3.	M.Sc. (Electronics) Syllabus	Average 20 % of the Syllabus revised Introduction of 2 new Electives
4.	Department of Psychology	M.Phil.,:Semester-I Course (June-2017)The course of three paper: Paper No.1:Research methodology and ] statistics as per uni.rules two unit:, 2: is Leadership in organization three unit, and No-3:Measurement of Personality also this paper course for

		three unit; as per university and UGC norms
		M.Phil.,:Semester-II Course (June-2017)The course of three paper: Paper No.1:Research methodology and ] statistics as per university rules and norms two unit; No. 2: is Leadership in organization three unit, and No-3:Measurement of Personality also this paper course for three unit; as per university and UGC norms
		Ph.D course work start from june-2017-18 (June-2017)There are three paper of the course work : Four Unit of Research methodology and ] statistics called a paper No.1 , Paper 2 is Leadership in organization, this paper have three unit and third paper is Measurement of Personality also this paper course for three unit; as per university and UGC norms
		Semester I: About course start from new academic year-2017-18 (June-2017)Department have run to two part or area like Clinical area and Industrial area First three paper is core paper like : PA01CPSY21,22 and 23, and PA01EPSY21,23 and 25 is clinical area and PA01EPSY22,24 and 26 is Industrial ares
		Semester II: About course start from new academic year-2017-18 (June-2017)Department have run to two part or area like Clinical area and Industrial area First three paper is core paper like : PA02CPSY21,22 and 23, and PA02EPSY21,23 and 25 is clinical area and PA02EPSY22,24 and 26 is Industrial ares
		Semester III: About course start from new academic year-2017-18 (June-2017)Department have run to two part or area like Clinical area and Industrial area First three paper is core paper like : PA03CPSY21,22 and 23, and PA03EPSY21,23 and 25 is clinical area and PA03EPSY22,24 and 26 is Industrial ares
		Semester IV: About course start from new academic year-2017-18 (June-2017) Department have run to two part or area like Clinical area and Industrial area First three paper is core paper like : PA04CPSY21,22 and 23, and PA04EPSY21,23 and 25 is clinical area and PA04EPSY22,24 and 26 is Industrial ares

### 1.3 (A) New papers being offered from the year 2016-2017

Sr No	Department	New Paper being offered
1	Business Studies	M.Com with specials Taxation, Finance, Marketing, June 2017

### (B) Interdisciplinary programme offered from the year 2016-2017

Nil



## CHAPTER-2

### TEACHING-LEARNING AND EVALUATION

Teaching-Learning is a core ingredient in the constitution of any University. It is the methodology of implementation that differentiates the university from others. The university has been keeping in its nucleolus, what the Iron Man of India envisioned about the education in Independent India. Keeping the character building and spreading education in the rural sector of India is central to Sardar Patel University. University is following his words literally, *शील वृत्त फलम् श्रुतम्* “Education without character is of no value. We must be intent on producing citizens of Independent India and not helpless people loitering for jobs.” This was enlarged later on into emphasis on excellence: “Excellence Matters”, the slogan we implemented in our practice during the celebration of our platinum jubilee year of our existence as a state university.

Teaching and learning should ideally lead to change in behaviour patterns and behaviour potential, for this is vital in shaping attitudes, knowledge, understanding, and appreciation. Our mission as a university has been ‘to accelerate the process of regeneration of villages by the application of modern arts, sciences and technology to rural requirements’. This requires constant self-assessment and constant assessment and reassessment of future needs which alone would help us achieve the target of creating future citizens of this country who would not only be self-reliant but would also have the ability to be self-employed. The region of Gujarat we serve, Charotar, is known for entrepreneurs and philanthropists. We, Charotar, are business-oriented and prefer to be self-employed and create employment for others rather than be employed by others. Our special *rurban* (a recent coinage) reflecting partly-rural-partly-urban setting has allowed us to retain the uniqueness of guru-shishya parampara even if it may be in the absence of its ashram-type style of existence in that tradition.

We take legitimate pride in the fact that we have a robust system of teaching-learning which involves lecture, lecture-cum-workshop, lecture-demonstration, course-specific classroom seminars, tutorials, quizzes etc as a part of our strategy. We have also evolved a transparent and accountable system of evaluation involving blind assessment using non-transparent flapping of their seat numbers by the examinees at the end of an examination; secure centralised process of evaluation and compilation of results; speedy and confidential reassessment by external examiners outside this university; stricter penalties for unethical methods used by the students or evaluators after a free and fair hearing by the Unfair Means Committee appointed by the University Syndicate; on-the-spot verification of marked answerscripts by any student harbouring doubts about the outcome of evaluation; creation of grievance redressal committee etc voluntarily and as mandated by the UGC or the Education Department of the Government of Gujarat. All this has led to stress-free examinations and timely declaration of results.

#### 2.1 NUMBER OF ACADEMIC DAYS IN THE YEAR 2016-2017

##### Number of Days Devoted to Teaching, Admission, and Examinations at Undergraduate and Postgraduate Level 2016-2017

Level	Classes Conducted (Days)	Days Spent on Admission & Examinations
Postgraduate	210	72
Undergraduate	210	60

The Academic calendar of colleges and University Departments in various faculties is prepared and announced well in advance. Alternative teaching arrangements are always made of the teachers, if a teacher is absent. Teachers mark the presence of the students in each lecture everyday. Normally every teacher is available in the department at least for six hours a day, irrespective of his/her lecture schedule on that given day. In fact, some of the science departments and management department function from 9:00 am to late in the evening and even on holidays. This increases the availability of teachers for students’ counseling.

## 2.2 ADMISSION

The admission process for the Post-Graduate courses is online. The students have to fill the admission form online. The prospectus is available online to the students. The prospectus is designed to introduce the creativity, highlights the details of the admission process to guide the students in choosing the right academic programs.

The University issues an official notification in Mid-May every year & gets it published in the news papers with large circulation.

The students are asked to fill the forms online. After the deadline to fill the form is over, the forms are checked and merit list prepared & displayed on the University website. (spuvvn.edu.) The counseling dates and time are also announced on the website for different departments. The admission process is executed as per the schedule in a transparent way.

Each of the Departments in the University has an admission committee, usually with the Head as the convener, entrusted with the task of finalizing admissions. The committee has the brief of ensuring that admissions are granted strictly on the basis of merit. However, when there is provision of an entrance test for admission to a particular programme, a new merit list, which has a judicious mix of the initial merit and merit based on the results of the entrance test (intimated beforehand in the Prospectus), is used for granting admissions. This way, we admit applicants in the order of merit against open seats, reserved seats for SC (7%), ST (15%), SEBC (27%), Physically/Visually handicapped (3%) etc, and seats for students from other universities in Gujarat (10%) and the other states in the Union of India (20% seats set aside for them in Departments in the University recognized by the UGC under its Special Assistance Programme (SAP) because this is mandatory under the UGC provisions). The process is usually completed in a day or two at the most.

We use the e-mail, the Internet, bulk sms services and the telephone as tools to communicate effectively and efficiently within a short span of time. The academic calendars are ready by the time the admissions are over, and these are then displayed on the notice board in the Department concerned, which is how we are able to begin teaching immediately thereafter.

### The Following Statistics Describes the Student's Enrolment in the Year 2016-2017

#### Total number of students admitted at Undergraduate, Postgraduate, Diploma, and Research Degree Level 2016-2017

Students	No	Percentage (%)
Postgraduate Students	10580	24.06%
Undergraduate Students	33091	75.24%
Diploma /Certificate Students	105	0.24%
MPhil Students	90	0.20%
PhD Students	112	0.25%
<b>Total</b>	<b>43978</b>	<b>100%</b>

### FACULTY WISE ENROLMENTS IN THE YEAR 2016-2017

#### A Postgraduate Level

Sr No	Degree	Male	Female	Total
1	Faculty of Arts	1560	1794	3354
2	Faculty of Science	2610	1982	4592
3	Faculty of Business Studies	604	694	1298
4	Faculty of Engineering & Technology	40	23	63

5	Faculty of Management	114	44	158
6	Faculty of Education	67	92	159
7	Faculty of Home Science	5	146	151
8	Faculty of Law	254	163	417
9	Faculty of Homoeopathy	11	43	54
10	Faculty of Medicine	54	280	334
11	Faculty of Pharmacy	0	0	0
<b>Total</b>		<b>5319</b>	<b>5261</b>	<b>10580</b>

### B Undergraduate Level

Sr No	Degree	Male	Female	Total
1	Faculty of Arts	4902	3320	8222
2	Faculty of Science	6542	4287	10829
3	Faculty of Business Studies	3087	2011	5098
4	Faculty of Management	1278	520	1798
5	Faculty of Education	600	1108	1708
6	Faculty of Home Science	0	327	327
7	Faculty of Law	1047	513	1560
8	Faculty of Homoeopathy	313	584	897
9	Faculty of Medicine	587	1547	2134
10	Faculty of Engineering & Technology	268	250	518
<b>Total</b>		<b>18624</b>	<b>14467</b>	<b>33091</b>

### PG Students enrolment in university departments 2016-2017

POSTGRADUATE STUDENTS ENROLLED IN FACULTY OF ARTS														
Department-wise (Semester-I)														
Department (General) Semester- I														
Department	Sem	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Gujarati	Sem-I	5	9	3	6	3	7	15	13	0	0	25	36	61
Hindi	Sem-I	3	4	0	5	3	0	0	4	0	0	6	13	19
Sanskrit	Sem-I	1	3	0	1	7	10	1	5	0	0	9	19	28
English	Sem-I	7	13	2	6	10	15	2	5	0	0	21	39	60
Economics	Sem-I	12	6	4	8	7	10	7	3	0	0	30	27	57
History	Sem-I	1	10	0	3	2	3	0	5	0	0	3	21	24
Sociology	Sem-I	8	13	4	1	6	11	9	7	0	0	27	32	59
Political Sci	Sem-I	5	0	0	0	1	2	3	0	0	0	9	2	11
Psychology	Sem-I	6	10	2	1	4	0	6	4	0	0	18	15	33
BLib	Sem-I	5	5	0	0	1	3	7	5	0	0	13	13	26
MLib (PT)	Sem-I	1	3	0	1	0	3	2	1	0	0	3	8	11
<b>Total</b>	<b>A</b>	<b>54</b>	<b>76</b>	<b>15</b>	<b>32</b>	<b>44</b>	<b>64</b>	<b>52</b>	<b>52</b>	<b>0</b>	<b>0</b>	<b>164</b>	<b>225</b>	<b>389</b>
Department (Self-Finance) (Semester – I)														
Gujarati	Sem-I	1	0	0	0	0	1	1	1	0	0	2	2	4
Hindi	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanskrit	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
English	Sem-I	2	0	1	0	0	6	2	4	0	0	5	10	15
Economics	Sem-I	1	1	0	0	0	1	0	0	0	0	1	2	3

History	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
Sociology	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychology	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
Blib	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
MLib	Sem-I	0	3	0	0	0	0	0	0	0	0	0	3	3
MSW	Sem-I	13	13	4	4	0	1	3	2	0	0	20	20	40
MHRM	Sem-I	20	34	3	1	0	1	2	1	0	0	25	37	62
Media Studies	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>B</b>	<b>37</b>	<b>51</b>	<b>8</b>	<b>5</b>	<b>0</b>	<b>10</b>	<b>8</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>53</b>	<b>74</b>	<b>127</b>

Summary for (Semester-I) (General & Self-Finance Students)														
General	<b>A</b>	<b>54</b>	<b>76</b>	<b>15</b>	<b>32</b>	<b>44</b>	<b>64</b>	<b>52</b>	<b>52</b>	<b>0</b>	<b>0</b>	<b>164</b>	<b>225</b>	<b>389</b>
Self Finance	<b>B</b>	<b>37</b>	<b>51</b>	<b>8</b>	<b>5</b>	<b>0</b>	<b>10</b>	<b>8</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>53</b>	<b>74</b>	<b>127</b>
<b>Total (GIA &amp; SF)</b>		<b>121</b>	<b>91</b>	<b>127</b>	<b>23</b>	<b>37</b>	<b>44</b>	<b>74</b>	<b>60</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>217</b>	<b>299</b>

College-wise (Semester- I)														
College (Self-finance) Semester- I														
Subjects	Sem	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Gujarati	Sem-I	24	60	12	24	14	16	34	50	1	0	85	150	235
Hindi	Sem-I	6	5	1	7	6	6	7	8	0	0	20	26	46
English	Sem-I	29	41	14	16	20	30	28	29	0	0	91	116	207
Sanskrit	Sem-I	0	2	0	2	2	0	1	1	0	0	3	5	8
Economics	Sem-I	20	42	16	16	9	13	20	28	1	0	68	97	165
History	Sem-I	6	4	1	1	6	8	7	6	0	0	20	19	39
ELT	Sem-I	0	2	0	0	0	4	1	0	0	0	1	6	7
BLib	Sem-I	0	3	1	0	1	1	0	2	0	0	2	6	8
MLib	Sem-I	0	0	1	0	0	1	1	1	0	0	2	2	4
MSW	Sem-I	49	38	27	16	33	25	25	21	0	0	134	100	234
Logic & Phil	Sem-I	3	0	0	0	3	1	2	0	0	0	8	1	9
MPA	Sem-I	5	0	2	3	0	1	0	0	0	0	7	4	11
Education	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
MHRM	Sem-I	58	63	9	7	1	2	14	27	0	0	81	100	181
Journalism	Sem-I	7	4	0	0	0	0	0	2	0	0	6	7	13
MHRD	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>		<b>207</b>	<b>264</b>	<b>84</b>	<b>92</b>	<b>95</b>	<b>108</b>	<b>140</b>	<b>175</b>	<b>2</b>	<b>0</b>	<b>528</b>	<b>639</b>	<b>1167</b>

Department(Semester-II)														
Department (Grant in Aid Seats) (Semester-II)														
Department	Sem	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Gujarati	Sem-II	6	14	3	3	4	6	8	5	0	0	21	28	49
Hindi	Sem-II	4	4	0	5	6	2	8	5	0	0	18	16	34
Sanskrit	Sem-II	9	11	0	2	9	10	2	9	0	0	20	32	52
English	Sem-II	6	14	4	3	3	13	6	6	0	0	19	36	55
Economics	Sem-II	5	15	2	2	9	3	3	3	0	0	19	23	42
History	Sem-II	2	6	0	4	7	1	4	4	0	0	13	15	28
Sociology	Sem-II	8	13	4	1	6	11	9	7	0	0	27	32	59

Poli.Sci.	Sem-II	5	0	0	1	2	3	0	0	0	0	9	2	11
Psychology	Sem-II	9	9	2	2	5	2	6	3	0	0	22	16	38
Media Studies	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>A</b>	<b>54</b>	<b>86</b>	<b>15</b>	<b>23</b>	<b>51</b>	<b>51</b>	<b>46</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>168</b>	<b>200</b>	<b>368</b>
<b>Department (Self-Finance) (Semester-II)</b>														
Gujarati	Sem-II	2	2	1	0	1	3	0	1	0	0	4	6	10
Hindi	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanskrit	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
English	Sem-II	4	12	1	2	1	8	3	2	0	0	9	24	33
Economics	Sem-II	1	0	3	0	2	2	3	4	0	0	9	6	15
History	Sem-II	0	0	0	0	0		0	0	0	0	0	0	0
Sociology	Sem-II	0	0	1	0	0	0	2	2	0	0	3	2	5
Psychology	Sem-II	2	1	0	0	0	0	2	2	0	0	4	3	7
M.Lib.	Sem-II	0	0	0	0	1	0	0	0	0	0	1	0	1
MSW	Sem-II	14	16	5	3	2	4	4	2	0	0	25	25	50
MHRM	Sem-II	16	23	2	1	0	0	2	3	0	0	20	27	47
Media Studies	Sem-II	0	1	0	1	2	1	2	1	0	0	4	4	8
<b>Total</b>	<b>B</b>	<b>39</b>	<b>55</b>	<b>13</b>	<b>7</b>	<b>9</b>	<b>18</b>	<b>18</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>79</b>	<b>97</b>	<b>176</b>

<b>Summary for (Semester-I) (General &amp; Self-Finance Students)</b>														
Seats	Total	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
General	A	54	86	15	23	51	51	46	42	0	0	168	200	368
Self Finance	B	39	55	13	7	9	18	18	17	0	0	79	97	176
<b>Grand Total (A+B)</b>		<b>93</b>	<b>141</b>	<b>28</b>	<b>30</b>	<b>60</b>	<b>69</b>	<b>64</b>	<b>59</b>	<b>0</b>	<b>0</b>	<b>247</b>	<b>297</b>	<b>544</b>

<b>College-wise (Semester- II)</b>														
<b>College (SF)Final</b>														
College & Subject	Sem	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
<b>Gujarati</b>														
NSP	Sem-II	9	15	2	7	5	2	8	4	1	0	25	28	53
NSP(foks)	Sem-II	3	5	1	1	4	0	4	2	0	0	12	8	20
AAC	Sem-II	2	15	3	3	4	3	4	11	0	0	13	32	45
JMP	Sem-II	5	3	4	2	1	3	2	1	0	0	12	9	21
Bhavan's	Sem-II	4	7	2	0	0	2	6	5	0	0	12	14	26
C.B.Patel	Sem-II	1	4	0	2	0	1	3	3	0	0	4	10	14
R.K.Parikh	Sem-II	0	4	0	5	0	0	7	3	0	0	7	12	19
U.T.I.	Sem-II	0	7	0	4	0	5	0	21	0	0	0	37	37
<b>Hindi</b>														
AAC	Sem-II	1	1	1	3	3	2	2	3	0	0	7	9	16
BPA	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
NSP	Sem-II	5	4	0	4	1	2	5	5	0	0	11	15	26
JMP	Sem-II	0	0	0	0	2	2	0	0	0	0	2	2	4
<b>English</b>														

AAC	Sem-II	2	13	2	4	3	8	4	7	0	0	11	32	43
HMP	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
JMP	Sem-II	3	5	2	1	5	8	5	6	0	0	15	20	35
NSP	Sem-II	20	10	4	7	8	7	10	5	0	0	42	29	71
Shree BP	Sem-II	3	4	4	3	3	4	6	0	0	0	16	11	27
CBP	Sem-II	1	9	2	1	1	3	3	11	0	0	7	24	31
<b>Sanskrit</b>														
JMP	Sem-II	0	2	0	2	2	0	1	1	0	0	3	5	8
<b>Economics</b>														
NSP	Sem-II	13	32	12	10	8	11	13	19	1	0	53	66	119
C.B.Patel	Sem-II	1	7	1	4	0	1	4	2	0	0	6	14	20
R.K.Parikh	Sem-II	4	3	1	2	1	1	3	2	0	0	9	8	17
U.T.I	Sem-II	2	0	2	0	0	0	0	5	0	0	0	9	9
<b>History</b>														
AAC	Sem-II	6	4	1	1	6	8	7	6	0	0	20	19	39
<b>Psychology</b>														
C.B.Patel	Sem-II	8	9	3	1	1	0	4	2	0	0	16	12	28
<b>ELT</b>														
HMP	Sem-II	0	2	0	0	0	4	1	0	0	0	1	6	7
<b>Logic &amp; Phil</b>														
NA&TVPatel	Sem-II	3	0	0	0	3	1	2	0	0	0	8	1	9
<b>MPA</b>														
NSP	Sem-II	5	0	2	3	0	1	0	0	0	0	7	4	11
<b>Education</b>														
J.M.Patel	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>MLib</b>														
NSP	Sem-II	2	1	2	0	1	0	0	0	0	0	5	1	6
<b>B.lib</b>														
AAC	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
MPA	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>MSW</b>														
AI of S.W.	Sem-II	15	9	5	3	3	5	9	3	0	0	32	20	52
NSP	Sem-II	14	11	10	7	13	14	4	4	0	0	41	36	77
JMP	Sem-II	11	5	7	5	14	4	12	8	0	0	44	22	66
ILSASS	Sem-II	9	9	5	0	0	2	0	2	0	0	14	13	27
Jivkaran	Sem-II	0	4	0	1	3	0	0	4	0	0	3	9	12
<b>MHRM</b>														
AISW	Sem-II	9	16	2	1	0	0	0	4	0	0	11	21	32
MHRM(JMP)	Sem-II	8	5	3	2	0	1	2	3	0	0	13	11	24
NSP	Sem-II	11	11	0	1	1	1	1	0	0	0	13	13	26
ILSAS	Sem-II	20	16	2	2	0	0	7	2	0	0	29	20	49
<b>Sociology</b>														
R.K.Parikh	Sem-II	2	2	0	0	0	0	1	2	0	0	3	4	7
U.T.I	Sem-II	0	7	0	1	0	0	0	14	0	0	0	22	22

<b>Total</b>		<b>202</b>	<b>171</b>	<b>85</b>	<b>93</b>	<b>96</b>	<b>106</b>	<b>130</b>	<b>170</b>	<b>2</b>	<b>0</b>	<b>527</b>	<b>628</b>	<b>1155</b>
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<b>MPhil Students enrolled (General) Department</b>														
<b>Department</b>	<b>Sem</b>	<b>Open</b>		<b>SC</b>		<b>ST</b>		<b>OBC</b>		<b>PH</b>		<b>Total</b>		<b>Total</b>
		<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	
Gujarati	Sem-I	4	2	3	0	2	0	2	2	0	0	9	6	15
Hindi	Sem-I	0	2	1	3	0	2	3	1	0	0	4	8	12
Sanskrit	Sem-I	0	1	0	1	1	1	0	1	0	0	4	1	5
English	Sem-I	0	1	2	0	0	1	1	1	0	0	3	3	6
Sociology	Sem-I	1	0	0	0	2	0	2	1	0	0	5	1	6
Economics	Sem-I	0	0	1	1	0	0	0	0	0	0	1	1	2
Poli.Sci.	Sem-I	1	0	0	0	0	0	1	0	0	0	2	0	2
History	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
M.Lib	Sem-I	0	1	0	1	0	0	0	0	0	0	0	2	2
<b>Total</b>	<b>A</b>	<b>6</b>	<b>7</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>9</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>28</b>	<b>22</b>	<b>50</b>
<b>MPhil Students enrolled (Self-finance Seats) Department &amp; College</b>														
Gujarati	Sem-I	0	0	1	1	0	0	1	0	0	0	1	2	3
Hindi	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanskrit	Sem-I	0	0	0	1	0	1	0	2	0	0	0	4	4
English	Sem-I	0	3	1	2	0	2	0	1	0	0	1	8	9
Sociology	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychology	Sem-I	2	1	0	0	2	0	1	3	0	0	5	4	9
Economics	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
M.Lib.	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
SOCIAL WORK	Sem-I	1	2	0	0	0	2	0	2	0	0	1	6	7
	<b>B</b>	<b>3</b>	<b>6</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>24</b>	<b>32</b>
<b>College/Course</b>														
SERLIP														
M.Phil (Hinstory)		0	0	0	0	0	0	0	0	0	0	0	0	0
M.Phil (Pol.Sci)		0	0	0	0	0	0	0	0	0	0	0	0	0
M.Phil (Sociology)		0	0	0	0	0	0	0	0	0	0	0	0	0
M.Phil ELT		4	2	0	1	0	0	0	0	0	1	4	4	8
<b>Total</b>	<b>C</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>8</b>

<b>Department &amp; College Summary for (Semester-I) (General &amp; Self-Finance Students) MPhil</b>														
		<b>Open</b>		<b>SC</b>		<b>ST</b>		<b>OBC</b>		<b>PH</b>		<b>Total</b>		<b>Total</b>
		<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	
Department(General)	<b>A</b>	<b>6</b>	<b>7</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>9</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>28</b>	<b>22</b>	<b>50</b>
Department(Self Finance)	<b>B</b>	<b>3</b>	<b>6</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>24</b>	<b>32</b>
College (Self Finance)	<b>C</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>8</b>
<b>Total</b>		<b>13</b>	<b>15</b>	<b>9</b>	<b>11</b>	<b>7</b>	<b>9</b>	<b>11</b>	<b>14</b>	<b>0</b>	<b>1</b>	<b>40</b>	<b>50</b>	<b>90</b>

<b>POSTGRADUATE STUDENTS ENROLLED IN FACULTY OF COMMERCE</b>														
<b>Department-wise (Semester- I) (General &amp; Self Finance)</b>														
<b>Department</b>	<b>Sem</b>	<b>Open</b>		<b>SC</b>		<b>ST</b>		<b>OBC</b>		<b>PH</b>		<b>Total</b>		<b>Total</b>
		<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	

Business Studies (Gen)	Sem-I	20	49	7	6	10	9	9	8	1	0	47	72	119
Business Studies (SF)	Sem-I	39	44	7	3	0	6	12	7	0	0	58	60	118
<b>Total</b>	<b>A</b>	<b>59</b>	<b>93</b>	<b>14</b>	<b>9</b>	<b>10</b>	<b>15</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>105</b>	<b>132</b>	<b>237</b>
<b>College</b>														
Col.(C.P.&F.H.)	Sem-I	30	30	9	2	3	0	13	13	0	0	55	45	100
DNIPGSC	Sem-I	12	16	1	1	0	0	3	2	0	0	16	19	35
BJVM	Sem-I	21	27	1	0	9	2	8	2	0	2	39	31	70
J.B.Patel	Sem-I	14	28	2	3	0	1	11	12	0	0	44	27	71
Bhavan's	Sem-I	18	23	1	1	0	0	8	14	0	0	27	38	65
S.I.Patel	Sem-I	28	54	4	10	1	1	17	15	0	0	50	80	130
Col.(AIBS)	Sem-I	22	18	6	2	3	0	13	10	0	0	44	30	74
J.B.Patel	Sem-I	14	2	2	1	2	1	5	5	0	0	23	9	32
<b>Total</b>	<b>B</b>	<b>159</b>	<b>198</b>	<b>26</b>	<b>20</b>	<b>18</b>	<b>5</b>	<b>78</b>	<b>73</b>	<b>0</b>	<b>0</b>	<b>298</b>	<b>279</b>	<b>577</b>
<b>Total</b>	<b>A+B</b>	<b>218</b>	<b>291</b>	<b>40</b>	<b>29</b>	<b>28</b>	<b>20</b>	<b>99</b>	<b>88</b>	<b>1</b>	<b>0</b>	<b>403</b>	<b>411</b>	<b>814</b>
<b>Department-wise (Semester- II) (General &amp; Self Finance)</b>														
Department	Sem	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Business Studies (Gen)	Sem-II	6	50	2	10	4	7	9	13	1	0	22	80	102
Business Studies (SF)	Sem-II	41	53	0	2	0	1	8	6	0	0	49	62	111
	<b>A</b>	<b>47</b>	<b>103</b>	<b>2</b>	<b>12</b>	<b>4</b>	<b>8</b>	<b>17</b>	<b>19</b>	<b>1</b>	<b>0</b>	<b>71</b>	<b>142</b>	<b>213</b>
AIBS	Sem-II	21	25	3	1	3	7	6	8	0	0	33	41	74
CP&FH	Sem-II	18	21	8	3	7	6	8	5	0	0	41	35	76
DNIPGSC	Sem-II	6	4	4	3	3	2	2	5	0	0	15	14	29
BJVM	Sem-II	18	19	4	5	2	4	6	7	0	0	30	35	65
JBPatel	Sem-II	5	6	3	4	1	2	2	4	0	0	11	16	27
	<b>B</b>	<b>68</b>	<b>75</b>	<b>22</b>	<b>16</b>	<b>16</b>	<b>21</b>	<b>24</b>	<b>29</b>	<b>0</b>	<b>0</b>	<b>130</b>	<b>141</b>	<b>271</b>
<b>Total</b>	<b>A+B</b>	<b>115</b>	<b>178</b>	<b>24</b>	<b>28</b>	<b>20</b>	<b>29</b>	<b>41</b>	<b>48</b>	<b>1</b>	<b>0</b>	<b>201</b>	<b>283</b>	<b>484</b>

<b>Department &amp; College Summary for (Semester-I) (General &amp; Self-Finance Students) Commerce</b>														
Semester		Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Semester – I (Gen & SF)	A	218	291	40	29	28	20	99	88	1	0	403	411	814
Semester – II (Gen & SF)	B	115	178	24	28	20	29	41	48	1	0	201	283	484
<b>Total</b>	<b>A+B</b>	<b>333</b>	<b>469</b>	<b>64</b>	<b>57</b>	<b>48</b>	<b>49</b>	<b>140</b>	<b>136</b>	<b>2</b>	<b>0</b>	<b>604</b>	<b>694</b>	<b>1298</b>

<b>MPhil students enrolled (General &amp; Self Finance) Department (Semester-I)</b>														
Department	Sem	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Business Studies (Gen)	Sem-I	1	7	1	1	0	1	0	3	0	0	2	12	14
Business Studies (SF)	Sem-I	10	8	1	0	1	3	0	3	0	0	12	14	26
<b>Total</b>	<b>A+B</b>	<b>11</b>	<b>15</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>26</b>	<b>40</b>

<b>PG Diploma students enrolled (Self Finance) Department (Semester-I)</b>														
Course	Sem	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
PGHRD	Sem-I	4	4	0	0	0	0	2	0	0	0	6	4	10
PGDBM	Sem-I	3	10	3	2	3	0	5	0	0	0	14	12	26
<b>Total</b>		<b>7</b>	<b>14</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>16</b>	<b>36</b>



POSTGRADUATE STUDENTS ENROLLED IN FACULTY OF EDUCATION														
Course	Sem	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Med	Sem-I	4	11	5	4	4	7	7	4	0	0	20	26	46
<b>College</b>														
Waymade	Sem-I	0	1	0	0	0	0	0	0	0	0	0	1	1
IJ Patel	Sem-I	1	1	9	6	2	3	2	0	1	0	15	10	25
BCJ	Sem-I	2	8	0	0	3	3	5	1	0	0	10	12	22
<b>Total</b>	<b>A</b>	<b>7</b>	<b>21</b>	<b>14</b>	<b>10</b>	<b>9</b>	<b>13</b>	<b>14</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>45</b>	<b>49</b>	<b>94</b>
BEd Special	Sem-I	6	11	1	0	0	0	7	3	0	1	14	15	29
MEd (SP)	Sem-I	3	6	0	0	0	0	2	1	0	0	5	7	12
<b>Total</b>	<b>B</b>	<b>9</b>	<b>17</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>19</b>	<b>22</b>	<b>41</b>
<b>MPhil students enrolled (Self Finance) Department &amp; College (Semester-I)</b>														
MPhil (Dept)	Sem-I	8	8	2	2	2	4	10	5	0	0	22	19	41
MPhil (College)	Sem-I	5	1	1	0	1	1	1	0	0	0	6	4	10
<b>Total</b>		<b>13</b>	<b>9</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>11</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>28</b>	<b>23</b>	<b>51</b>

POSTGRADUATE STUDENTS ENROLLED IN FACULTY OF HOME SCIENCE														
Course	Sem	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Department (Grant in Aid) (I-Sem)														
F&N	Sem-I	0	9	0	0	0	1	0	2	0	0	0	12	12
General	Sem-I	0	5	0	3	0	1	0	3	0	0	0	12	12
Total	A	0	14	0	3	0	2	0	5	0	0	0	24	24
Department (Self-finance) (I-Sem)														
F&N	Sem-I	0	12	0	1	0	0	0	1	0	0	0	14	14
H&D	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
T&C	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
FBT	Sem-I	3	6	0	0	0	1	1	2	0	0	4	9	13
Total	B	3	18	0	1	0	1	1	3	0	0	4	23	27
Total	A+B	3	32	0	5	0	3	1	8	0	0	4	47	51
Department (Grant in Aid) (II-Sem)														
F&N	Sem-II	0	2	0	0	0	0	0	0	0	0	0	2	2
GEN	Sem-II	0	7	0	0	0	0	0	2	0	0	0	9	9
Total	C	0	9	0	0	0	0	0	2	0	0	0	11	11
Department (Self-Finance) (II-Sem)														
F&N	Sem-II	0	8	0	1	0	0	0	1	0	0	0	10	10
H&D	Sem-II	0	1	0	0	0	0	0	0	0	0	0	1	1
T&C	Sem-II	0	7	0	1	0	0	0	1	0	0	0	9	9
FRM	Sem-II	0	9	0	0	0	0	0	0	0	0	0	9	9
FBT	Sem-II	0	11	0	1	0	0	0	1	0	0	0	13	13
Total	D	0	36	0	3	0	0	0	3	0	0	0	42	42
Total	C+D	0	47	1	7	0	4	0	7	0	0	1	65	66
College (Self-Finance) (I-Sem)														
FBT(KPP)	Sem-I	0	1	0	0	0	1	0	2	0	0	0	4	4
F&N(KPP)	Sem-I	0	16	0	1	0	0	0	2	0	0	0	19	19
Total	A	0	17	0	1	0	1	0	4	0	0	0	23	23
College (Self-Finance) (II-Sem)														
FBT(KPP)	Sem-II	0	1	0	0	0	0	0	0	0	0	0	1	1
F&N(KPP)	Sem-II	0	9	0	0	0	0	0	1	0	0	0	10	10
Total	B	0	10	0	0	0	0	0	1	0	0	0	11	11

<b>Total</b>	<b>A+B</b>	<b>0</b>	<b>27</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34</b>	<b>34</b>
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<b>POSTGRADUATE STUDENTS ENROLLED IN FACULTY OF ENGINEERING</b>														
<b>Course</b>	<b>Sem</b>	<b>Open</b>		<b>SC</b>		<b>ST</b>		<b>OBC</b>		<b>PH</b>		<b>Total</b>		<b>Total</b>
		<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	
MID	Sem-I	2	5	0	0	0	0	0	1	0	0	2	6	8
MUP	Sem-I	22	5	0	0	0	1	1	1	0	0	23	7	30
<b>Total</b>	<b>A</b>	<b>24</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>25</b>	<b>13</b>	<b>38</b>
MID	Sem-III	2	1	0	0	0	0	0	1	0	0	2	2	4
MUP	Sem-III	7	6	1	1	1	0	4	1	0	0	13	8	21
<b>Total</b>	<b>B</b>	<b>9</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>10</b>	<b>25</b>
<b>Total</b>	<b>A+B</b>	<b>33</b>	<b>17</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>40</b>	<b>33</b>	<b>68</b>
<b>POSTGRADUATE STUDENTS ENROLLED IN FACULTY OF LAW</b>														
<b>Course &amp; College</b>	<b>Sem</b>	<b>Open</b>		<b>SC</b>		<b>ST</b>		<b>OBC</b>		<b>PH</b>		<b>Total</b>		<b>Total</b>
		<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	
LLM-I	A	95	42	14	7	2	5	21	18	0	0	132	72	204
LLM-II	B	83	55	12	13	9	8	18	15	0	0	122	91	213
<b>Total</b>	<b>A+B</b>	<b>178</b>	<b>97</b>	<b>26</b>	<b>20</b>	<b>11</b>	<b>13</b>	<b>39</b>	<b>33</b>	<b>0</b>	<b>0</b>	<b>254</b>	<b>163</b>	<b>417</b>

<b>POSTGRADUATE STUDENTS ENROLLED IN FACULTY OF MANAGEMENT</b>														
<b>Course</b>	<b>Sem</b>	<b>Open</b>		<b>SC</b>		<b>ST</b>		<b>OBC</b>		<b>PH</b>		<b>Total</b>		<b>Total</b>
		<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	
MBA Gen	Sem-I	16	4	1	1	4	3	9	2	0	0	30	10	40
MBA SF	Sem-I	16	10	1	1	0	0	7	1	0	0	24	12	36
MBA NRI	Sem-I	2	0	0	0	0	0	0	0	0	0	2	0	2
<b>Total</b>	<b>A</b>	<b>34</b>	<b>14</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>3</b>	<b>16</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>56</b>	<b>22</b>	<b>78</b>
MBA Gen	Sem-II	20	5	2	1	2	2	8	2	0	0	32	10	42
MBA SF	Sem-II	17	7	1	1	1	0	5	3	1	0	25	11	36
MBA NRI	Sem-II	1	1	0	0	0	0	0	0	0	0	1	1	2
<b>Total</b>	<b>B</b>	<b>17</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>25</b>	<b>11</b>	<b>36</b>
<b>Total</b>	<b>A+B</b>	<b>51</b>	<b>21</b>	<b>3</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>21</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>81</b>	<b>33</b>	<b>114</b>

<b>POSTGRADUATE STUDENTS ENROLLED IN FACULTY OF SCIENCES</b>														
<b>M Phil (Grant in Aid) in Department (Semester – I)</b>														
<b>Course</b>	<b>Sem</b>	<b>Open</b>		<b>SC</b>		<b>ST</b>		<b>OBC</b>		<b>PH</b>		<b>Total</b>		<b>Total</b>
		<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	
Mathematics	Sem-I	0	1	0	0	0	0	0	1	0	0	0	2	2
Physics	Sem-I	3	1	0	0	0	0	0	3	0	0	6	1	7
Statistics	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>A</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>3</b>	<b>18</b>
<b>M Phil (Self-finance) in Department</b>														
Mathematics	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
Statistics	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
Computer Science	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemistry	Sem-I	4	2	1	1	0	0	1	0	0	0	6	3	9
<b>Total</b>	<b>B</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>3</b>	<b>18</b>
<b>Total</b>	<b>A+B</b>	<b>7</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>6</b>	<b>36</b>

MSc (Grant in Aid) in Department (Semester – I)								
Course	Sem	Open	SC	ST	OBC	PH	Total	Total

		<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	
Mathematics	Sem-I	9	25	1	2	1	5	3	14	0	1	18	43	61
Statistics	Sem-I	41	17	1	0	0	0	0	0	0	0	42	17	59
Physics	Sem-I	19	20	1	0	2	1	14	3	0	0	34	26	60
Chemistry	Sem-I	27	17	2	1	3	0	14	6	0	0	46	24	70
Material Science	Sem-I	11	4	0	1	0	0	4	0	0	0	15	5	20
Electronics	Sem-I	17	6	0	0	0	0	7	0	0	0	24	6	30
Microbiology	Sem-I	0	8	0	1	0	2	1	3	0	0	1	14	15
Zoology	Sem-I	2	4	0	0	1	1	1	2	0	0	4	7	11
Bio-Chem	Sem-I	1	5	0	0	1	1	0	4	0	0	2	10	12
Botany	Sem-I	0	5	0	1	1	3	1	5	0	0	2	14	16
<b>Total</b>	<b>A</b>	<b>127</b>	<b>111</b>	<b>5</b>	<b>6</b>	<b>9</b>	<b>13</b>	<b>45</b>	<b>37</b>	<b>0</b>	<b>1</b>	<b>188</b>	<b>166</b>	<b>354</b>
<b>MSc (Self-finance) in Department (Semester – I)</b>														
Mathematics	Sem-I	22	50	1	1	0	1	14	12	0	0	33	68	101
Statistics	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics	Sem-I	10	12	0	1	1	1	9	11	0	0	21	24	45
Chemistry	Sem-I	28	18	4	4	1	2	25	16	0	0	63	35	98
Material Science	Sem-I	5	1	1	0	0	0	0	0	0	0	6	1	7
Nano-Tech	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
Electronics	Sem-I	1	0	0	0	0	0	0	0	0	0	1	0	1
Microbiology	Sem-I	1	13	0	2	1	1	0	1	0	0	2	17	19
Zoology	Sem-I	1	5	0	2	0	2	2	0	0	0	3	9	12
Bio-Chem.	Sem-I	0	3	0	1	0	0	0	0	0	0	0	4	4
Botany	Sem-I	0	4	1	0	0	1	1	1	0	0	1	7	8
Bio-Tech.	Sem-I	2	5	0	1	0	0	0	0	0	0	2	6	8
Ind-Bio-Tech.	Sem-I	7	0	0	0	0	0	1	0	0	0	1	7	8
Bio-Information	Sem-I	0	2	0	0	0	0	0	1	0	0	0	3	3
MQPM	Sem-I	6	0	0	0	0	0	4	0	0	0	10	0	10
<b>Total</b>	<b>B</b>	<b>83</b>	<b>113</b>	<b>7</b>	<b>12</b>	<b>3</b>	<b>8</b>	<b>56</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>143</b>	<b>181</b>	<b>324</b>
<b>MSc (NRI) in Department (Semester – I)</b>														
Mathematics	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics	MSc	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-Tech	MSc	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>C</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Summery MSc in Department (Semester – I)</b>														
Course	Total	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
MSc (Grant in Aid)	A	127	111	5	6	9	13	45	37	0	1	188	166	354
MSc (Self finance)	B	83	113	7	12	3	8	56	42	0	0	143	181	324
MSc (NRI)	C	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>A+B+C</b>	<b>210</b>	<b>224</b>	<b>12</b>	<b>18</b>	<b>12</b>	<b>21</b>	<b>101</b>	<b>79</b>	<b>0</b>	<b>1</b>	<b>331</b>	<b>347</b>	<b>678</b>

<b>MSc (Grant in Aid) in Department (Semester – II)</b>														
Course	Sem	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Mathematics	Sem-II	6	25	3	2	2	8	2	11	1	0	14	46	60
Statistics	Sem-II	41	20	0	1	0	0	2	0	0	0	43	21	64
Physics	Sem-II	16	21	2	1	3	4	5	8	0	0	26	34	60
Organic Chemistry	Sem-II	25	19	3	1	3	6	9	8	1	0	41	34	75
Inorgnic Chemistry	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Chemistry	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0

Analytical Chemistry	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrail Polymer Chemistry	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
Material Science	Sem-II	11	3	1	0	0	1	4	1	0	0	16	5	21
Electronics	Sem-II	14	7	0	1	1	0	3	4	0	0	18	12	30
Micro	Sem-II	0	9	0	1	0	2	1	3	0	0	1	15	16
Zoology	Sem-II	2	7	0	3	1	0	1	2	0	0	4	12	16
Bio-Chem	Sem-II	1	7	0	0	0	2	0	4	0	0	1	13	14
Botany	Sem-II	2	4	0	0	0	6	1	2	0	0	3	12	15
<b>Total</b>	<b>A</b>	<b>118</b>	<b>122</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>29</b>	<b>28</b>	<b>43</b>	<b>2</b>	<b>0</b>	<b>167</b>	<b>204</b>	<b>371</b>
<b>MSc (Self-Finance) in Department (Semester – II)</b>														
Mathematics	Sem-II	30	43	3	1	1	2	14	13	0	0	48	59	107
Statistics	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics	Sem-II	15	24	2	0	1	0	6	5	0	0	24	29	53
Organic Chemistry	Sem-II	13	4	4	0	1	1	2	1	0	0	20	6	26
Inorgnic Chemistry	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Chemistry	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
Analytical Chemistry	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrail Polymer Chemistry	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
Material Science	Sem-II	4	2	0	0	0	0	2	1	0	0	6	3	9
Nano-Tech	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
Electronics	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro.	Sem-II	3	4	0	1	2	1	1	4	0	0	6	10	16
Zoology	Sem-II	1	6	0	0	0	1	2	0	0	0	3	7	10
Bio-Chem.	Sem-II	1	3	0	0	0	0	0	0	0	0	1	3	4
Botany	Sem-II	1	3	0	0	3	1	1	0	0	0	5	4	9
Bio-Tech.	Sem-II	4	8	0	0	0	0	4	2	0	0	8	10	18
Ind-Bio-Tech.	Sem-II	0	0	1	0	0	0	0	0	0	0	1	0	1
Bio-Information	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
MQPM	Sem-II	20	16	3	1	1	0	1	2	0	0	25	19	44
<b>Total</b>	<b>B</b>	<b>92</b>	<b>113</b>	<b>13</b>	<b>3</b>	<b>9</b>	<b>6</b>	<b>33</b>	<b>28</b>	<b>0</b>	<b>0</b>	<b>147</b>	<b>150</b>	<b>297</b>

<b>Summery MSc in Department (Semester – II)</b>														
Course	Total	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
MSc (Grant in Aid)	A	118	122	9	10	10	29	28	43	2	0	167	204	371
MSc (Self finance)	B	92	113	13	3	9	6	33	28	0	0	147	150	297
MSc (NRI)	C	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>A+B+C</b>	<b>210</b>	<b>235</b>	<b>22</b>	<b>13</b>	<b>19</b>	<b>35</b>	<b>61</b>	<b>71</b>	<b>2</b>	<b>0</b>	<b>314</b>	<b>354</b>	<b>668</b>

MSc (Self-finance) in College (Semester –I)														
Course	Sem-I	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
Mathematics (P)														
ANP	Sem-I	6	40	0	0	1	1	7	14	0	0	14	55	69
MDP	Sem-I	18	19	0	1	5	6	7	15	0	0	30	41	71
Microbiology														
ANP	Sem-I	5	41	0	2	0	3	4	14	0	0	9	60	69
PMP	Sem-I	4	24	0	4	2	5	3	18	0	0	9	51	60
ARP	Sem-I	3	10	1	1	0	0	1	1	0	0	5	12	17
J & J	Sem-I	1	19	0	2	1	6	0	6	0	0	2	33	35
Biochemistry														

ANP	Sem-I	3	18	0	0	2	3	1	5	0	0	6	26	32
PMP	Sem-I	2	3	0	0	0	3	0	2	0	0	2	8	10
<b>Bio Technology</b>														
ANP	Sem-I	5	30	0	3	0	1	4	0	0	0	9	34	43
ARC	Sem-I	0	2	0	0	0	0	0	0	0	0	0	2	2
PMP	Sem-I	2	8	0	0	1	0	1	1	0	0	4	9	13
AMCOST	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Chemistry</b>														
ANP	Sem-I	126	41	3	1	1	2	30	6	0	0	160	50	210
PMP	Sem-I	64	29	3	3	34	4	57	16	0	0	158	52	210
ISTAR	Sem-I	23	7	0	0	1	0	2	3	0	0	27	9	36
BNP	Sem-I	53	24	4	1	1	0	40	9	0	0	98	34	132
MDP	Sem-I	41	13	3	2	12	5	38	17	0	0	94	37	131
PBSCI	Sem-I	3	12	1	0	0	0	5	4	0	0	9	16	25
BCJ SCI	Sem-I	24	13	2	0	0	0	27	4	0	0	53	17	70
J & J	Sem-I	16	17	1	3	2	1	17	9	0	0	36	30	66
BHAVANS	Sem-I	8	8	2	1	0	0	5	3	0	0	15	12	27
<b>Physics</b>														
ANP	Sem-I	20	19	2	0	9	0	11	9	0	0	42	28	70
MDP	Sem-I	8	9	0	0	0	0	5	8	0	0	13	17	30
<b>PMP</b>														
Forensic Sci.	Sem-I	3	7	0	0	0	0	0	1	0	0	3	8	11
PGDCAA	Sem-I	11	4	3	1	0	0	9	2	1	0	24	7	31
<b>ISTAR</b>														
Indi.Chem.	Sem-I	49	5	0	1	0	2	13	1	0	0	62	9	71
Geoinformatics	Sem-I	4	1	0	0	0	2	2	0	0	0	6	3	9
SCT	Sem-I	27	2	0	0	0	0	10	0	0	0	37	2	39
Environmental Sci.	Sem-I	14	16	2	3	1	2	7	2	0	0	24	23	47
Instru & Control	Sem-I	6	2	0	0	0	0	1	0	0	0	7	2	9
Inf-Tech.	Sem-I	5	1	0	0	0	1	0	0	0	0	5	2	7
Polymer Sci	Sem-I	13	0	0	0	0	0	5	0	0	0	18	0	18
Mob.Tech.	Sem-I	1	0	0	0	0	0	0	0	0	0	1	0	1
<b>Information Technology</b>														
AMCOST	Sem-I	3	3	0	0	0	0	1	0	0	0	4	3	7
ANP	Sem-I	29	28	1	1	0	2	8	6	0	0	38	37	75
BNP	Sem-I	7	4	1	1	4	1	0	2	0	0	12	8	20
PMP	Sem-I	31	3	6	0	2	1	7	2	0	0	46	6	52
ST.Stephen	Sem-I	2	2	1	3	0	1	0	2	0	0	3	8	11
<b>Renewable Energy</b>														
ISRRE	Sem-I	1	0	0	0	0	0	1	0	0	0	2	0	2
<b>ARIBAS</b>														
Pharm Che	Sem-I	1	0	0	0	0	0	0	0	0	0	1	0	1
IGBT	Sem-I	15	24	0	0	1	0	1	3	0	0	17	27	44
Genetics	Sem-I	2	1	0	0	0	0	0	0	0	0	2	1	3
<b>Toxicology</b>														
Dr IPP	Sem-I	0	0	0	1	0	1	0	0	0	0	0	2	2
<b>Ind.Chemistry</b>														
Shivam Inst	Sem-I	1	0	0	0	0	0	0	0	0	0	1	0	1
<b>Total</b>	<b>A</b>	<b>660</b>	<b>509</b>	<b>36</b>	<b>35</b>	<b>80</b>	<b>53</b>	<b>230</b>	<b>84</b>	<b>1</b>	<b>0</b>	<b>1108</b>	<b>781</b>	<b>1889</b>

<b>MSc (Self-finance) in College (Semester –II)</b>														
<b>Microbiology</b>														
<b>Course</b>	<b>Sem-II</b>	<b>Open</b>		<b>SC</b>		<b>ST</b>		<b>OBC</b>		<b>PH</b>		<b>Total</b>		<b>Total</b>
		<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	
ANP	Sem-II	5	36	0	3	0	1	0	8	0	0	5	48	53
ARC	Sem-II	0	4	0	0	0	0	0	0	0	0	0	4	4
PMP	Sem-II	5	30	1	2	2	3	1	5	0	0	9	40	49
<b>Mathematics</b>														
ANP	Sem-II	10	15	1	1	2	1	8	10	0	0	21	27	48
<b>Biotechnology</b>														
AMCOST	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
ARC	Sem-II	1	4	0	0	0	0	0	0	0	0	1	4	5
PMP	Sem-II	3	8	0	0	0	0	2	1	0	0	5	9	14
ANP	Sem-II	7	15	0	0	0	0	1	2	0	0	8	17	25
<b>Chemistry</b>														
PMP	Sem-II	75	15	7	2	20	8	39	11	0	0	141	36	177
ISTAR	Sem-II	20	10	1	0	0	0	6	2	0	0	27	12	39
ANP	Sem-II	70	25	10	1	3	3	6	4	0	0	89	33	122
BNP	Sem-II	45	22	1	2	3	3	15	3	0	0	64	30	94
<b>BIO CHEM</b>														
PMP(Final)	Sem-II	3	3	0	0	0	0	0	0	0	0	3	3	6
ANP(Final)	Sem-II	8	15	0	0	1	1	2	1	0	0	11	17	28
<b>Physics</b>														
ANP	Sem-II	15	20	1	0	1	0	3	4	0	0	20	24	44
PMP	Sem-II	5	2	1	0	1	0	4	6	0	0	11	8	19
<b>ISTAR</b>														
Poly Sci & Tech	Sem-II	22	2	0	0	0	0	6	0	0	0	28	2	30
SCT	Sem-II	20	1	0	0	0	0	5	0	0	0	25	1	26
Environmental Sci	Sem-II	11	9	1	0	4	1	6	0	0	0	22	10	32
Inf. Tech	Sem-II	9	3	1	0	0	0	2	0	0	0	12	3	15
Ind.Chem	Sem-II	48	3	1	0	1	0	16	1	0	0	66	4	70
Instru.& Control	Sem-II	3	0	1	0	0	0	0	0	0	0	4	0	4
Poly Sci & Tech	Sem-II	22	2	0	0	0	0	6	0	0	0	28	2	30
<b>Information Technology</b>														
ANP	Sem-II	25	20	1	1	1	0	4	2	0	0	31	23	54
BNP	Sem-II	9	3	3	0	4	0	7	1	0	0	23	4	27
PMP	Sem-II	20	15	2	2	1	0	3	0	0	0	26	17	43
<b>PMP</b>														
Forensic Sci.	Sem-II	5	9	2	1	1	0	1	2	0	0	9	12	21
PGDCAA	Sem-II	8	10	3	3	0	2	8	1	0	0	19	16	35
<b>ARIBAS</b>														
PHARM CHEM	Sem-II	2	0	0	0	0	0	0	0	0	0	2	0	2
IGBT	Sem-II	5	23	0	0	1	1	2	4	0	0	8	28	36
GENETICS	Sem-II	1	3	0	0	0	1	0	0	0	0	1	4	5
<b>Renewable Energy</b>														
ISRRE	Sem-II	4	1	0	0	0	0	0	0	0	0	4	1	5
<b>Shivam Inst</b>														
Ind Chemistry	Sem-II	2	0	0	0	0	0	0	0	0	0	2	0	2
<b>Total</b>	<b>B</b>	<b>388</b>	<b>328</b>	<b>37</b>	<b>18</b>	<b>46</b>	<b>25</b>	<b>154</b>	<b>68</b>	<b>0</b>	<b>0</b>	<b>725</b>	<b>439</b>	<b>1164</b>

<b>Summary MSc (Self-finance) in College</b>									
<b>Semesters</b>	<b>Total</b>	<b>Open</b>	<b>SC</b>	<b>ST</b>	<b>OBC</b>	<b>PH</b>	<b>Total</b>	<b>Total</b>	

		M	F	M	F	M	F	M	F	M	F	M	F	
Sem-I	A	660	509	36	35	80	53	230	84	1	0	1108	781	1889
Sem-II	B	388	328	37	18	46	25	154	68	0	0	725	439	1164
<b>Total</b>	<b>A+B</b>	<b>1048</b>	<b>837</b>	<b>73</b>	<b>53</b>	<b>126</b>	<b>78</b>	<b>384</b>	<b>152</b>	<b>1</b>	<b>0</b>	<b>1833</b>	<b>1220</b>	<b>3053</b>

<b>MCA (Self-finance) in Department</b>														
Department	Sem	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
MCA-Gen	Sem-I	15	3	3	1	2	2	7	4	1	0	28	10	38
MCA-SF	Sem-I	7	4	1	0	0	0	1	0	0	0	9	4	13
<b>Total</b>	<b>A</b>	<b>22</b>	<b>7</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>8</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>37</b>	<b>14</b>	<b>51</b>
MCA-Gen	Sem-III	10	5	1	0	2	4	8	3	0	0	21	12	33
MCA-Gen	Sem-V	10	8	0	0	0	0	7	3	0	0	17	11	28
MCA- SF	Sem-III	12	5	0	0	0	0	4	2	0	0	16	7	23
MCA- SF	Sem-V	14	10	2	0	0	0	3	2	0	0	19	12	31
<b>Total</b>	<b>B</b>	<b>46</b>	<b>28</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>22</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>73</b>	<b>42</b>	<b>115</b>
<b>Total</b>	<b>A+B</b>	<b>68</b>	<b>35</b>	<b>7</b>	<b>1</b>	<b>4</b>	<b>6</b>	<b>30</b>	<b>14</b>	<b>1</b>	<b>0</b>	<b>110</b>	<b>56</b>	<b>166</b>

<b>Diploma (General) in Department</b>														
Course	Sem	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
PGDCA	Sem-I	1	13	3	4	1	1	4	3	0	0	9	21	30
<b>Total</b>	<b>A</b>	<b>1</b>	<b>13</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>21</b>	<b>30</b>

<b>Diploma (Self Finance) in Department</b>														
Dept	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
BJVM	Sem-I	2	0	0	0	0	0	1	0	0	0	3	0	3
CPP&FHS	Sem-I	10	12	2	5	1	0	2	3	0	0	15	21	36
TC M T	Sem-I	12	12	2	5	1	0	3	3	0	0	18	21	39
<b>Total</b>	<b>B</b>	<b>24</b>	<b>24</b>	<b>4</b>	<b>10</b>	<b>2</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>36</b>	<b>42</b>	<b>78</b>
<b>Total</b>	<b>A+B</b>	<b>25</b>	<b>37</b>	<b>7</b>	<b>14</b>	<b>3</b>	<b>1</b>	<b>10</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>45</b>	<b>63</b>	<b>108</b>

<b>POSTGRADUATE STUDENTS ENROLLED IN FACULTY OF PHARMACY</b>														
Course	Sem	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
MPham(QA)(P)Dept	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
MPham(PS)(P)Dept	Sem-I	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
MPham(QA)(F)Dept	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
MPham(PS)(F)Dept	Sem-II	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<b>POSTGRADUATE STUDENTS ENROLLED IN FACULTY OF MEDICINE</b>														
Course	Sem	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
<b>MLT</b>														
Medical	Pre	3	37	2	2	5	5	3	7	0	0	13	51	64
ANP PG	Pre	3	19	0	1	0	1	0	4	0	0	3	25	28
LPP	Pre	1	5	0	0	0	1	0	0	0	0	1	6	7
BNP	Pre	0	5	0	0	1	3	1	1	0	0	2	9	11
<b>DMLT</b>														
IPP	Pre	6	50	2	2	1	4	1	14	0	0	10	70	80

BNP	Pre	1	7	0	0	0	0	1	4	0	0	2	11	13
LPP	Pre	4	12	1	2	1	2	3	6	0	0	9	22	31
MBP	Pre	4	20	0	1	2	1	2	0	0	0	8	22	30
<b>MPHY</b>														
KMP	Pre	0	5	0	0	0	0	0	0	0	0	0	5	5
BGP	Pre	0	6	0	1	0	1	0	0	0	0	0	8	8
<b>LPP (P)</b>														
PGDCD	Pre	0	4	0	0	0	0	0	0	0	0	0	4	4
PGDCCT	Pre	1	4	0	0	0	0	0	0	0	0	1	4	5
<b>TOTAL</b>		<b>23</b>	<b>174</b>	<b>5</b>	<b>9</b>	<b>10</b>	<b>18</b>	<b>11</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>49</b>	<b>237</b>	<b>286</b>
<b>MLT</b>														
PMP	Final	3	17	0	1	0	2	0	2	0	0	3	22	25
BNP	Final	0	6	0	0	0	0	0	0	0	0	0	6	6
LPP	Final	0	3	0	1	0	0	0	3	0	0	0	7	7
<b>MPHY</b>														
KMP	Final	0	3	0	0	0	0	0	0	0	0	0	3	3
BGP	Final	1	4	0	0	1	1	0	0	0	0	2	5	7
<b>LPP</b>	Final													
PGDCD	Final	0	2	0	0	0	0	0	2	0	0	0	4	4
PGDCCT	Final	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>		<b>4</b>	<b>35</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>47</b>	<b>53</b>

<b>POSTGRADUATE STUDENTS ENROLLED IN FACULTY OF HOMOEOPATHY</b>														
Course	Sem	Open		SC		ST		OBC		PH		Total		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
MD	Pre													
AHM	Pre	1	6	1	2	1	2	1	4	0	0	4	14	18
VHD	Pre	2	4	0	1	0	1	0	1	0	0	2	7	9
<b>A</b>		<b>3</b>	<b>3</b>	<b>10</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>21</b>
<b>MD</b>	<b>Final</b>													
AHM	Final	3	9	0	2	0	2	0	2	0	0	3	15	18
VHD	Final	0	5	1	2	1	0	0	0	0	0	2	7	9
<b>Total</b>	<b>B</b>	<b>3</b>	<b>14</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>22</b>	<b>27</b>
<b>Total</b>	<b>A+B</b>	<b>6</b>	<b>24</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>7</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>39</b>	<b>50</b>

### 2.3 International Students

An International Students Centre (ISC) was established in Sardar Patel University in June-July 2004. The objectives behind its establishment are: (a) to assist the International Student Community by providing information related to various courses on offer in any given year, the procedure of admission to these courses, criteria governing eligibility, the fee to be paid etc, and (b) to facilitate the applicants in getting admission, help them settle down quickly and happily, take active interest in their studies, and take care of their welfare, including their security clearance from the local police, and so on.

International Students Centre has been fortunate enough to attract a lot of foreign students every year, thanks to our need-based innovative courses on offer year after year. Our ISC has been singularly responsible for coordinating all the activities related to the admission of international scholars through a Single Window System ever since its inception. It coordinates with Indian Council for Cultural Relations (ICCR), Ministries of Human Resource Development (MHRD), External Affairs (MEA), and Home



Affairs (MHA), as well as with different Embassies and Consulates for various purposes including assisting them in obtaining student or research Visa, Scholarships etc.

International Students Centre has accommodated most of these International Students with Scholarship from the ICCR, New Delhi, in the University Staff Colony, Vallabh Vidyanagar to ensure their safety and give them peaceful atmosphere.

Dr J H Khan, Professor of English, and Honorary Director, Centre for Training and Research in Language and Communication, Coordinator, IQAC, I/C Director, Media Studies has been taking care of ISC as Honorary Director, since 23 August 2006.

**Foreign students admitted through this Centre**

<b>Sr No</b>	<b>Country</b>	<b>No of students</b>
1	South Africa	01
2	Malawi	01
3	Yemen	10
4	Nepal	02
5	Afghanistan	07
6	Thailand	09
7	USA	03
8	Ethiopia	01
9	Namibia	01
10	Tanzania	01
11	Nairobi	01
12	Zambia	01
13	Uganda	01
14	Doha	01
15	Japan	01
16	India (NRI Sponsored)	19
<b>Total</b>		<b>61</b>

**Foreign Students admitted through ICCR Sponsored and NRI/NRI Sponsored**

<b>Sr No</b>	<b>Country</b>	<b>ICCR-Sponsored</b>	<b>NRI</b>	<b>NRI Sponsored</b>	<b>Total</b>
1	South Africa	01	-	-	01
2	Malawi	01	-	-	01
3	Yemen	-	10	-	10
4	Nepal	02	-	-	02
5	Afghanistan	03	04	-	07
6	Thailand	-	09	-	09
7	USA	-	03	-	03
8	Ethiopia	01	-	-	01
9	Namibia	01	-	-	01
10	Tanzania	-	01	-	01
11	Nairobi	-	01	-	01
12	Zambia	-	01	-	01
13	Uganda	-	01	-	01
14	Doha	-	01	-	01
15	Japan	-	01	-	01
16	India	-	-	19	19
		<b>09</b>	<b>33</b>	<b>19</b>	<b>61</b>

**List of Foreign/NRI/NRI-Sponsored students admitted to various courses in 2016-2017**

Sr No	Name of the Scholar	Country	Course	Institution	Sponsored or
1	Ms Nikita Patel	South Africa	B.Sc.	M.B. Patel Science College, Anand – 388001	ICCR-Sponsored
2	Mr Andrew Maganga	Malawi	MSW	Department of Social Work, Sardar Patel University, Vallabh Vidyanagar –	ICCR-Sponsored
3	Ms Rebekka Nelao Seblon	Namibia	MSW	Department of Social Work, Sardar Patel University, Vallabh Vidyanagar –	ICCR-Sponsored
4	Mr Bijay Sunuwar	Nepal	MBA	GH Patel PG Institute of Business Management, Sardar Patel University, Vallabh Vidyanagar – 388	ICCR-Sponsored
5	Mr Kamal Gautam	Nepal	BBA-GEN	Bhikhabhai Jivabhai Vanijya Mahavidyalaya (BJVM), Vallabh Vidyanagar – 388120	ICCR-Sponsored
6	Mr Shalala Timori	Afghanistan	BCA	Anand Mercantile College of Computer Science and Technology (AMCOST), Anand-388001	ICCR-Sponsored
7	Mr Tekalign Geleta	Ethiopia	Ph.D. Biotech	Department of Bioscience, Sardar Patel University, Vallabh Vidyanagar	ICCR-Sponsored
8	Mr Rohullah Niamatullah Kamran	Afghanistan	BBA (Gen)	Anand Mercantile College of Science, Management & Computer Technology, Anand	ICCR-Sponsored
9	Mr Abdul Karim	Afghanistan	BBA (Gen)	Anand Mercantile College of Science, Management & Computer Technology, Anand	ICCR-Sponsored

**Afghanistan:03, Nepal: 2, Ethiopia:01, Namibia:01, South Africa:01, Malawi:01.**

**ICCR Sponsored: 09**

**Admitted NRI/NRI-Sponsored Students in the University 2016-17**

Sr No	Name of the Scholar	Country	Course	Institution/College	Mode of Support
1	Mr Jwalant Premal Nanavaty	India	B.Arch	D C Patel School of Architecture, Vallabh Vidyanagar – 388 120	NRI-Sponsored
2	Mr Raj Viond Thaker	India	B.Arch	D C Patel School of Architecture, Vallabh Vidyanagar – 388 120	NRI-Sponsored
3	Ms Harishree Keyurkumar Bhatt	India	B.Arch	D C Patel School of Architecture, Vallabh Vidyanagar – 388 120	NRI-Sponsored
4	Ms Ruchi Hemantkumar Patel	India	B.Arch	D C Patel School of Architecture, Vallabh Vidyanagar – 388 120	NRI-Sponsored
5	Mr Viratkumar Vijaykumar Italiya	India	B.Arch	D C Patel School of Architecture, Vallabh Vidyanagar – 388 120	NRI-Sponsored
6	Mr Deval Vijaykumar Patel	India	B.Arch	D C Patel School of Architecture, Vallabh Vidyanagar – 388 120	NRI-Sponsored

Sr No	Name of the Scholar	Country	Course	Institution/College	Mode of Support
7	Mr Hriday Kamlesh Patel	India	B.Arch	D C Patel School of Architecture, Vallabh Vidyanagar – 388 120	NRI-Sponsored
8	Mr Sanketkumar Nileshbhai Patel	India	B.Arch	D C Patel School of Architecture, Vallabh Vidyanagar – 388 120	NRI-Sponsored
9	Ms Sakshi Jain	India	B.Arch	D C Patel School of Architecture, Vallabh Vidyanagar – 388 120	NRI-Sponsored
10	Mr Mayank Harish Ramchandani	India	B.Arch	D C Patel School of Architecture, Vallabh Vidyanagar – 388 120	NRI-Sponsored
11	Ms Tulsi Krishna Birla	India	B.Arch	D C Patel School of Architecture, Vallabh Vidyanagar – 388 120	NRI-Sponsored
12	Mr Sudeep Mahendrakumar Goyal	India	Dip. In TB & Chest Medicine	Pramukhswami Medical College, Gokal Nagar, Karamsad – 388 325	NRI-Sponsored
13	Ms Trusha Manojkumar Patel	India	MD Dermatology	Pramukhswami Medical College, Gokal Nagar, Karamsad – 388 325	NRI-Sponsored
14	Mr Bhaskar Malik	India	MD Anesthesia	Pramukhswami Medical College, Gokal Nagar, Karamsad – 388 325	NRI-Sponsored
15	Mr Dharak Kashyapkumar Pandya	India	MD Medicine	Pramukhswami Medical College, Gokal Nagar, Karamsad – 388 325	NRI-Sponsored
16	Mr Swar Jignesh Desai	India	MBBS	Pramukhswami Medical College, Gokal Nagar,	NRI-Sponsored
17	Mr Vamsi Krishna Davuluri	India	MBBS	Pramukhswami Medical College, Gokal Nagar, Karamsad – 388 325	NRI-Sponsored
18	Ms Anjana Jayaram	India	MBBS	Pramukhswami Medical College, Gokal Nagar, Karamsad – 388 325	NRI-Sponsored
19	Mr Siddharth Singh	India	MD Medicine	Pramukhswami Medical College, Gokal Nagar, Karamsad – 388 325	NRI-Sponsored

#### India:19 (NRI Sponsored)

#### 2.4 Faculty/Staff Information

The University has a fairly active and committed teaching faculty. Besides teaching, the faculty is actively involved in research, extension, as well as contributions to academic/administrative life on the campus.

#### Numbers of academic staff by designation 2016-2017

Name of the Post	No
Professor	07
Associate Professor	36
Assistant Professor	88
Principal	00
Instructor	00
<b>Total</b>	<b>152</b>

**Faculty wise, Department wise, and Designation wise Faculty Strength in the year 2016- 2017**

Name of Faculty	Strength	Department	Name of the Post	Sanc. Post	Post Filled			Post Vacant
					M	F	Total	
Arts	41	Economics	Professor	02	01	--	01	01
			Asso Prof	05	--	01	01	04
			Asstt Prof	06	03	02	05	01
		Sociology	Professor	01	--	--	--	01
			Asso Prof	03	01	--	01	02
			Asstt Prof	03	02	01	03	--
		Psychology	Professor	01	--	--	--	01
			Asso Prof	01	01	--	01	--
			Asstt Prof	03	02	01	03	--
		History	Professor	01	--	--	--	01
			Asso Prof	01	--	--	--	01
			Asstt Prof	02	02	--	02	--
		Political Science	Professor	01	--	--	--	01
			Asso Prof	01	--	--	--	01
			Asstt Prof	03	01	--	01	02
		Gujarati	Professor	01	--	--	--	01
			Asso Prof	01	--	--	--	01
			Asstt Prof	05	02	02	04	01
		English	Professor	01	--	--	--	01
			Asso Prof	03	02	--	02	01
			Asstt Prof	03	03	--	03	--
		Hindi	Professor	02	01	--	01	01
			Asso Prof	03	01	--	01	02
			Asstt Prof	05	02	01	03	02
		Drama Performing Arts	Instructor	--	--	--	--	--
		Sanskrit	Professor	01	--	--	--	01
			Asso Prof	01	01	--	01	--
			Asstt Prof	02	02	--	02	--
		MLib Science	Asso Prof	02	--	--	--	02
			Asstt Prof	03	03	--	03	--
Total				67	30	8	38	29
Business Studies	09	Business Studies	Professor	02	01	--	01	01
			Asso Prof	04	03	01	04	--
			Asstt Prof	07	05	01	06	01
Total				13	9	2	11	2
Education	20	Education	Professor	01	01	--	01	--
			Asso Prof	03	--	--	--	03
			Asstt Prof	03	--	--	--	03
		BEd College	Principal	01	--	--	--	01
			Asstt Prof	18	04	09	13	05
Total				26	5	9	14	12
Home Science	05	Home Science	Professor	01	--	01	01	--
			Asso Prof	01	01	01	02	--
			Asstt Prof	04	--	02	02	02
Total				7	1	4	5	2
Management	07	MBA	Professor	03	--	--	--	03
			Asso Prof	04	03	01	04	--
			Asstt Prof	05	03	01	04	01

Name of Faculty	Strength	Department	Name of the Post	Sanc. Post	Post Filled			Post Vacant
					M	F	Total	
Total				12	6	2	8	4
Science	65	Physics	Professor	08	07	01	08	--
			Asso Prof	05	04	01	05	--
			Asstt Prof	04	03	01	04	--
		USIC	Professor	01	--	01	01	--
		Computer Sci (PGDCA/ MCA)	Professor	01	--	--	--	01
			Asso Prof	03	01	--	01	02
			Asstt Prof	05	03	02	05	--
		Chemistry	Professor	05	03	--	03	02
			Asso Prof	11	05	--	05	06
			Asstt Prof	14	07	01	08	06
		Materials Science	Professor	01	--	--	--	01
			Asso Prof	01	--	--	--	01
			Asstt Prof	03	01	02	03	--
		Bio-Sciences	Professor	03	--	--	--	03
			Asso Prof	08	04	01	05	03
			Asstt Prof	09	07	02	09	--
		Mathematics	Professor	01	--	--	--	01
			Asso Prof	04	03	--	03	01
			Asstt Prof	08	05	01	06	02
		Statistics	Professor	01	--	--	--	01
			Asso Prof	03	02	01	03	--
			Asstt Prof	03	02	--	02	01
		Electronics	Professor	01	--	--	--	01
			Asso Prof	02	--	01	01	01
			Asstt Prof	04	03	01	04	--
Total				109	60	16	76	33
Grand Total				234	111	41	152	82

#### Staff summary as on 31-03-2017

Sr No	Department	Academic		Technical		Administrative	
		M	F	M	F	M	F
1	Physics & Instrumentation Workshop	08	01	07	--	07	--
2	USIC	--	01	03	--	02	--
3	USIC Level II to Level III	--	--	--	01	--	01
4	Post BSc Diploma course in Computer Science & Application	01	01	--	--	--	--
5	University Computer Centre	--	--	07	02	02	--
6	Master of Computer Application Course	03	01	--	--	--	--
7	Chemistry	12	--	04	03	11	--
8	Materials Science	01	01	01	--	03	02
9	BioSciences	11	03	07	--	06	--
10	Mathematics	07	01	--	--	--	--
11	Statistics	04	01	--	--	--	--
12	Home-Science	01	04	--	01	--	01
13	Electronics	03	02	01	--	02	--
14	Economics	04	02	--	--	--	--

Sr No	Department	Academic		Technical		Administrative	
		M	F	M	F	M	F
15	Business Studies	08	01	--	--	--	--
16	MBA	06	01	--	--	05	--
17	Sociology	03	01	--	--	--	--
18	Psychology	02	01	--	--	--	--
19	History	02	--	--	--	--	--
20	Political Science	02	--	--	--	--	--
21	Gujarati	03	02	--	--	--	--
22	English	05	--	--	--	--	--
23	Hindi	05	01	--	--	02	--
24	Drama Performing Arts	--	--	--	--	--	--
25	Sanskrit	03	--	--	--	--	--
26	Education	03	--	--	--	--	--
27	Master in Library & Information Science	01	--	--	--	--	01
28	Administrative Unit Humanities & Social Sciences	--	--	--	--	08	01
29	MB Patel College of Education						
30	VIII Five Year Plan Posts History	04	09	01	--	11	01
31	University General Administrative Office	--	--	--	--	--	--
32	Estate Section	--	--	--	--	16	--
33	Physical Education & Recreation					04	--
34	Examination Reforms Unit UGC	--	--	01	--	01	--
35	Special Cell for SC/ST	--	--	--	--	03	--
36	Museum & Archaeology	--	--	--	--	03	--
37	University Health Centre	--	--	01	01	02	01
38	Men's Hostel No 1 to 3	--	--	--	--	05	--
39	Women's Hostel	--	--	--	--	--	04
40	Bhaikaka Library Students Home	--	--	04	02	11	--
41	University Press	--	--	08	01	--	01
<b>Total</b>		<b>102</b>	<b>34</b>	<b>45</b>	<b>11</b>	<b>104</b>	<b>13</b>

## 2.5 New Appointments made in 2016-2017

Name of the Departments	New Appointments made
Chemistry	
CISST	Dr. Rakesh V. Patel Assistant Professor (Date of Joining : 25/07/2016)
	Dr. Anju Nagee Assistant Professor (Date of Joining : 28/09/2016)
Education	Dr. R. I. Bhatt Adhoc - Lecturer
	Dr. P. M. Kasra Adhoc - Lecturer
	Mrs. Rutisha Patel Adhoc - Lecturer
Economics	Dr. Kinjal Ahir Associate Professor

	Dr. Vijay Jariwala Assistant Professor
English	Dr Dushyant Batukbhai Nimavat Assistant Professor (Joined on 30.06.2016)
Home Science	Ms. Hiral Padiya Assistant Professor(Temporary)
Lib.Info Sci	Dr.Hina J. Patel Adhoc Asst.Prof.
Materials Sci	Dr. Jaydev Gohel Assistant Professor (Adhoc) till September, 2015
Mathematics	Dr.Jay G Mehta,Assistant Professor,24/6/2016

## 2.6 Teaching-Learning Avenues

Besides formal lectures and experiments in the laboratories, teachers use an array of other methods of teaching-learning such as lecture-cum-workshop, guest lectures by experts, projects, case studies, and summer training, supported by computer and Internet facilities, and special efforts made to prepare the learners to take NET-JRF, participation in research seminars in the department concerned. The following are the details:

### (1) Seminars/Guest Lectures/Conferences

There is a provision for obligatory Students Seminars in each subject in Basic Sciences in each semester. Thus in every semester, every student has to present one seminar in each paper. Besides these there are weekly departmental researches seminars conducted during the year in the Departments like Department of Mathematics, Department of Physics, Some laboratories in the Department of Biosciences which are accessible to PhD, MPhil, MSc students. The research conferences and other guest lectures are organized during the year.

### (2) Projects and Summer Trainings

- There is a provision for mandatory research projects in the last semester in the Departments of Biosciences, Home Science, Statistics, and Msc in Quality and Productivity and in Computer Science. In the Department of Business Management, students have to prepare a term paper.
- There is a provision for optional research projects in Department of Physics and Department of Mathematics.
- In the Department of Social Work there is a provision for mandatory field trip.

### (3) List of MSc Projects from the Departments 2016-2017

#### DEPARTMENT OF MATERIALS SCIENCE

Sr No	Name of Students	Title of Project
1	Snehal Patel and Sunuta Singh	Natural fiber reinforced polymer matrix composite
2	Tushar M. Pansuriya	Fabrication of high impact grade composites
3	Shraddha D. Bodara	Siloxane based elastomeric polyurethane
4	Sagar Patel and Shrijesh Rathod	Fabrication of glass fiber reinforced composites using PVC/NBR blends
5	Hiral Dalwadi and Zalak Dalsaniya	Synthesis of silver nanoparticles by green chemistry method
6	Divyesh Vaghela and Rupesh Gupta	Studies on synthesis and characterization of CuO nanoparticles by reflux condensation method
7	Dhaval Bhatt and Vikas Prasad	Deposition of CdTe thin film by thermal evaporation and their characterization
8	Chandresh Patel and Digvijay Thakor	Synthesis of $\alpha$ – alumina by acid base reaction
9	Anurag Kumar and Pritam Patel	Study on the effect of phosphorous content on the flame retardant properties of polyurethane
10	Anjali Vanpariya and Shiv Patel	Synthesis of multiwall carbon nanotubes /

		Nanofibers over nickel based mono and bimetallic catalysts
11	Anish Lad and Kajal Patel	Synthesis of Multiwalled Carbon Nanotubes and their application for Resin based Nanocomposite
12	Anand Kalal and Dhruvalkumar Patel	Fabrication of TiO <sub>2</sub> Nanoparticles by Sol-Gel Method and TiO <sub>2</sub> Reinforced Aluminium Metal Matrix Composite
13	Anand singh and Rajesh Malani	Environmental friendly superabsorbent Polymers
14	Eman Malgani	Fabrication of fiber glass plastic sandwich composite

#### (4) Computer Training / Internet Connectivity

The University Computer Centre, which manages all the Internet connections in the University. All the University Departments have Internet connectivity, which is how it could be made easily accessible to the PG MPhil and PhD students in the Department concerned. The University Library provides access to online journals through INFLIBNET. It also hosts University Cyber Café.

#### (5) Special Efforts for NET-JRF/GATE

Special efforts are being made in several University Departments for training meritorious students and those from SC, ST, and Minority categories for Competitive Exams at the national level like NET-JRF/GATE. One day workshops for training for NET-JRF/GATE were organized in every science department as well as the Department of Business Studies.

#### (6) Departmental Libraries

The University has promoted the concept of Departmental Libraries and offers full support in the establishment and enrichment of these in each of the Postgraduate Departments, the details of which have been made available elsewhere in this Report. The Departmental Libraries supplement the Bhaikaka Library, which is the Central University Library. The Department of Mathematics has the Western Region Library supported by the National Board for Higher Mathematics, Departmentment of Atomic Energy, Government of India. This is one of the 11 such Regional Libraries in Mathematics across India.

#### (7) Academic Tours Organized in 2016-2017

Sr No	Department	Place of Visit	Purpose	Date of Tours
1	History	Nasik, Aurangabad, Ajanta-Ellora, Davegiri etc.	Historical Places	2 <sup>nd</sup> to 6 <sup>th</sup> February, 2017
2	Lib&Science	Ahmedabad and Gandhinagar	To have an exposure of working Libraries of various types- Academic, Research & Special Libraries (Faculty and students)	15 March 2016

### 2.7 Evaluation

The Examination Section, in consultation with the University Departments and Colleges draws up an annual plan for holding semester/annual examinations at the beginning of any academic year, and follows this plan meticulously. The results are announced well in time.

Each of the Papers has a total weighting of 100 marks with 70% set aside for University examinations and 30% for continuous internal assessment consisting of tests, seminars and quizzes. Thus, the examinations in the University comprise of two components: external and internal evaluation. With the introduction of CBCS the University also revised the question paper style. This now comprises of an objective component and a well-balanced unitwise questions to facilitate the students preparing for examination a question bank for each paper is prepared and circulated among the students. The questions set usually require a reasonable amount of knowledge and skills pertaining to a course in a given unit from a student. We have a transparent system of allowing the students to see their marked scripts after



every internal test and the examiner concerned takes time to discuss with his/her students the nitty-gritty of evaluation. The provision of blind assessment (the scripts are flapped!), and blind reassessment by teachers outside the university for students on the PG courses, and the teachers of the Postgraduate Department concerned in the University for the undergraduate examinations are made. What is more, there is moderation of assessment at undergraduate level examinations.

**(1) Information about examinations held under yearly, semester and CBCS system**

Sr No	Faculty	Yearly System	CBCS System
1	Arts	---	BA, BSW, BLib Science MSW, MA, MPhil
2	Science	---	All PG Diploma, BSc, BCA, MSc, MSc Integrated Biotechnology Course
3	Business studies	---	BCom, MCom, BCom (Hons)
4	Law	---	LLB, LLB (Special) LLM, BCom (LLB), BBA (LLB), BA LLB (Hon)
5	Home Science	---	BSc (Home Science) MSc (Home Science)
6	Education	---	BEd, BEd (English Medium) BEd (Advance) & MEd
7	Medicine	MBBS, MD, MS	---
8	Homoeopathy	BHMS, MD	---
9	Pharmaceutical Science	---	BPharm, MPharm
10	Business Management	---	BBA, BBA (Hons) IT, BBA (Honors) HM & ITM BBA (ISM), BBA (FT), BBA (TTM/HM) MBA & E-Business
11	Engineering & Technology	---	---

**(2) Number of degree examination students registered, appeared, and passed out in 2016-2017**

No.	Name of Exam	Appeared	First Class with O	First Class with A	First Class with B	First Class with C	Second Class with D	Pass Class with E
1	B.A.	1042	0	2	59	378	379	0
2	B.A. (Advanced)	39	0	6	17	12	3	0
3	B. Lib.	38	0	0	2	18	11	0
4	B.S.W.	109	0	12	43	38	7	0
5	B.S.W. (Social Enterprise)	6	0	3	2	0	0	0
6	B. Voc. (Banking & Financial Services)	16	0	4	7	2	2	0
7	B.Com.	1115	0	14	153	329	203	0
8	B.Ed. (2 Years)	611	313	278	17	1	0	0
9	B.Ed. (English) (2 Years)	50	8	40	2	0	0	0
10	B.Sc. (Home Science)	100	1	9	17	37	26	0
11	LL.B.	235	0	0	1	72	150	0
12	BBA (General)	372	0	8	50	104	69	0
13	B. Voc. (Hospitality & Tourism)	20	0	1	4	12	3	0
14	B. Voc. (Retail Management)	4	0	0	2	2	0	0
15	B. Voc. (Software & Development)	5	1	1	1	2	0	0
16	BCA	587	4	23	80	201	168	0
17	B.Sc.	2626	13	109	328	658	208	0
	<b>TOTAL</b>	<b>6975</b>	<b>340</b>	<b>510</b>	<b>785</b>	<b>1866</b>	<b>1229</b>	<b>0</b>

No.	Name of Exam	Appeared	First Class with O	First Class with A	First Class with B	First Class with C	Second Class with D	Pass Class with E
1	M.A. (JMC)	15	0	0	1	12	1	0
2	M.A. (Economics)	165	0	0	6	57	62	0
3	M.A. (ELT)	33	0	5	16	8	4	0
4	M.A. (English)	352	0	0	0	120	158	0
5	M.A. (Gujarati) (Folk)	20	0	0	6	11	0	0
6	M.A. (Gujarati))	174	0	0	6	81	83	0
7	M.A. (Hindi)	142	0	0	9	59	56	0
8	M.A. (History)	58	0	0	0	16	32	0
9	M.A. (Logic & Philosophy)	6	0	1	4	1	0	0
10	M.A. (Political Science)	14	0	0	1	7	6	0
11	M.A. (Psychology)	39	0	0	9	22	7	0
12	M.A. (Sanskrit)	62	0	0	6	36	20	0
13	M.A. (Sociology)	63	0	0	9	47	7	0
14	MHRM	153	8	62	75	6	0	0
15	M. Lib. (Full Time)	12	0	0	2	5	5	0
16	M. Lib. (Part Time) (NC)	4	0	0	0	1	3	0
17	M.S.W.	362	8	62	161	82	3	0
18	M.Com.	466	1	50	212	168	25	0
19	M.Ed. (2 Years)	78	0	2	37	32	3	0
20	M.Sc. (Home Science)	75	0	2	22	25	20	0
21	LL.M. (Business Law)	14	0	0	0	7	5	0
22	LL.M. (Criminal Law)	24	0	0	0	14	8	0
23	M.EB.	26	0	11	10	4	0	0
24	MCA	59	3	11	9	10	21	0
25	M.Sc. (Biochemistry)	53	0	5	10	31	5	0
26	M.Sc. (Bioinformatics)	2	0	0	1	0	1	0
27	M.Sc. (Bio Medical science)	1	0	0	1	0	0	0
28	M.Sc. (Biotechnology)	56	0	1	11	31	8	0
29	M.Sc. (Botany)	24	0	1	1	13	9	0
30	M.Sc. (Chemistry)	485	0	7	61	298	43	0
31	M.Sc. (Defense Science)	1	0	1	0	0	0	0
32	M.Sc. (Electronics)	21	0	1	3	13	4	0
33	M.Sc. (EST) (IV-Semester)	32	0	5	11	12	4	0
34	M.Sc. (Forensic Science)	20	0	3	11	6	0	0
35	M.Sc. (Genetics)	6	0	1	2	3	0	0
36	M.Sc. (IBT)	1	0	0	0	1	0	0
37	M.Sc. (IC)	72	0	5	8	41	17	0
38	M.Sc. (IT)	181	8	33	64	64	9	0
39	M.Sc. (Instrumentation & Control)	4	0	0	3	1	0	0
40	M.Sc. (Material Science)	26	0	1	1	12	12	0
41	M.Sc. (Mathematics)	164	2	13	29	51	42	0
42	M.Sc. (Microbiology)	144	0	2	14	79	33	0
43	M.Sc. (Pharmaceutical Chemistry)	2	0	0	1	1	0	0
44	M.Sc. (Physics)	156	0	2	42	83	20	0
45	M.Sc. (PST)	28	0	2	10	15	1	0
46	M.Sc. (Renewable Energy)	5	3	1	1	0	0	0

No.	Name of Exam	Appeared	First Class with O	First Class with A	First Class with B	First Class with C	Second Class with D	Pass Class with E
47	M.Sc. (Statistics)	49	0	0	3	11	23	0
48	M.Sc. (SCT)	26	0	2	3	13	8	0
49	M.Sc. (Zoology)	21	0	0	4	9	7	0
	<b>Total</b>	<b>3996</b>	<b>33</b>	<b>292</b>	<b>896</b>	<b>1619</b>	<b>775</b>	<b>0</b>

**(3) Number of Diploma examination students registered, appeared, and passed out in 2016-2017**

Sr No	Name of Exam	App	Passed	FD	First	Second	Pass
1	Diploma in Music & Dance	43	41	23	10	7	1
2	PG Diploma in Computer Science Application	58	41	10	21	7	3
3	PG Diploma in Computer Science In Accounting Application	25	17	2	15	0	0
4	PG Diploma in Human Resource Development	27	24	1	7	9	7
5	PG Diploma in Business Management	9	9	0	5	3	1
6	Diploma in Labour Laws & Practice (DLP)	68	58	0	0	58	0
7	Diploma in Taxation Laws & Practice (DTP)	75	71	0	23	47	1
8	Diploma in General Nursing	2	2	0	0	0	2
9	Diploma in Medical Laboratory Technology (DMLT)	147	100	21	56	23	0
10	DMRD (Radio-diagnosis)	1	1	0	0	0	1
11	DA (Anesthesia)	5	5	0	0	0	5
12	DLO (ENT)	1	1	0	0	0	1
13	DCH (Pediatrics)	2	2	0	0	0	2
14	Diploma in Orthopedics	2	2	0	0	0	2
15	DGO (Obst. & Gynecology)	2	2	0	0	0	2
16	Certificate Course SPSS						
17	D. C. P. (Pathology)	0	0	0	0	0	0
18	P. G Diploma Journalism and Mass Communication	1	1	0	1	0	0

**(4) Degrees and Gold Medals awarded in 2016 (59<sup>th</sup> Annual Convocation)**

Sr No	Faculty	In Person	In Absentia	Total	Faculty Wise Gold Medal
1	Arts	1978	1348	3326	20
2	Science	2189	1252	3441	48
3	Engineering & Technology	66	28	94	05
4	Business Studies	1198	652	1850	07
5	Management	343	245	588	04
6	Law	231	128	359	03
7	Education	60	70	130	00
8	Home Science	135	42	177	06
9	Homeopathy	150	41	191	00

10	Pharmaceutical Science	5	00	05	01
11	Medicine & Surgery	152	214	366	14
	<b>Total</b>	<b>6507</b>	<b>4020</b>	<b>10527</b>	<b>108</b>

**Stream wise distribution of Gold Medals:**

<b>Sr No</b>	<b>Degree</b>	<b>Gold Medal</b>
1	B.A.	3
2	M.A.	12
3	Master of Public Administration (MPA)	1
4	B.Lib. Sci.	1
5	M.Lib. Science	1
6	Bachelor of Interior Design	1
7	M.S.W.	1
8	B. SC.	15
9	M.SC.	27
10	B.C.A.	1
11	M.C.A.	5
12	B.Architecture	2
13	MV.	2
14	MIHS	1
15	B.Com.	5
16	M.Com.	2
17	B.B.A.	1
18	M.B.A.	2
19	M.E. Business	1
20	LL.B. (CBCS)	1
21	LL.B. (SP.)	1
22	LL.M.	1
23	B.SC. Home	5
24	M.SC (Home.Sci. )	1
25	M.Pharm	1
26	M.B.B.S.	10
27	M.S.(General Surgery)	1
28	M.D. Obstetrics & Gynaecology	1
29	B.Sc. Medical Technology (MT)	1
30	P.B.B.Sc.Nursing	1
<b>Total</b>		<b>108</b>

**(5) List of gold medalists for the year 2016**

<b>SR No.</b>	<b>NAME OF THE EXAM</b>	<b>NAME OF THE GOLD MEDALS/ GOLD PLATED MEDALS</b>	<b>SEAT No./ COLLEGE/ DEPTT.</b>	<b>NAME OF THE STUDENTS AWARDED THE MEDAL</b>
1	B.A.	SHETH HARGOVANDAS LAKHMICHAND GOLD PLATED MEDAL (ECONOMICS)	06 NA&TVP	ALISHABEN NAGINBHAI GAMIT AT CHACHARBUNDA, POST MIRKOT, TA SONGADH TAPI-394670 9099205594

<b>SR No.</b>	<b>NAME OF THE EXAM</b>	<b>NAME OF THE GOLD MEDALS/ GOLD PLATED MEDALS</b>	<b>SEAT No./ COLLEG E/ DEPTT.</b>	<b>NAME OF THE STUDENTS AWARDED THE MEDAL</b>
2	B.A.	CHAROTAR NAGRIK SAHAKARI BANK LTD. GOLD PLATED MEDAL (GUJARATI)	267 NA&TVP	PURVIKABEN NAHARSANGBHAI PADHIYAR MAHADEV FALIYU, PO.SAMAJ - 392180 TA:JAMBUSAR DIST BHARUCH 9904743518
3	B.A.	DR. OMANAND R. SARASWAT GOLD PLATED MEDAL (HINDI)	895 AAC	VIRALBEN KANAKSINH PARMAR AT BOCHASAN-388140 BORSAD ANAND 9624425207
4	BACHELOR OF INTERIOR DESIGN	PARISAR TRUST- INTERIOR DESIGN GOLD MEDAL	121D46 APID	PRACHI PRAGNESH PATEL 39, KAMLNAYAN BUNGLOW, BOPAL, AHMEDABAD. MOB. 9227259183, 9825019183
5	M.A.	SHRI SHIVABHAI MARGHABHAI PATEL GOLD PLATED MEDAL	4 NATV	KARAMSHABEN DHANJIBHAI RATHVA 38, BHAGAT FALIYA, GAMBHIRPURA, JETPURPAVI, CHHOTAUDEPUR-391160. 7567414680
6	M.A.	PANDIT MOTILAL NEHRU CENTENARY GOLD PLATED MEDAL (LANAGUAGE GROUP)	14 DEPTT	DHARMIK ATULBHAI JOSHI LAXMI NARAYAN TEMPLE BETHAK ROAD, AT.& TA.- JAMKHAMBHALIYA DEVBHUMI DHWARKA-361305 8866332686
7	M.A.	SHETH RUPSI MADHAVJI MEMORIAL SANSKRIT GOLD PLATED MEDAL (SANSKRIT)	14 DEPTT	DHARMIK ATULBHAI JOSHI LAXMI NARAYAN TEMPLE BETHAK ROAD, AT.& TA.- JAMKHAMBHALIYA DEVBHUMI DHWARKA-361305 8866332686
8	M.A.	PANCHAM PITHADHISHWAR GOSWAMIJI SHRI GOVINDLALJI MAHARAJ GOLD PLATED MEDAL	14 DEPTT	DHARMIK ATULBHAI JOSHI LAXMI NARAYAN TEMPLE BETHAK ROAD, AT.& TA.- JAMKHAMBHALIYA DEVBHUMI DHWARKA-361305 8866332686
9	M.A.	PROF. R.K. AMIN GOLD PLATED MEDAL (ECONOMICS)	89 DEPTT	PRITIBEN GULABBHAI BHOYA AT PO. KAJLI KHADAKI, KAPRADA, VALSAD-396126 9099350888

<b>SR No.</b>	<b>NAME OF THE EXAM</b>	<b>NAME OF THE GOLD MEDALS/ GOLD PLATED MEDALS</b>	<b>SEAT No./ COLLEG E/ DEPTT.</b>	<b>NAME OF THE STUDENTS AWARDED THE MEDAL</b>
10	M.A.	LATE SHRI DAHYABHAI TULSIBHAI PATEL (BAKROL) GOLD PLATED MEDAL (AGRI.ECO.) (ECONOMICS)	89 DEPTT	PRITIBEN GULABBHAI BHOYA AT PO. KAJLI KHADAKI, KAPRADA, VALSAD-396126 9099350888
11	M.A.	LATE PROF. JASHBHAI KASHIBHAI PATEL SMRUTI SUVARNA CHANDRAK (GUJARATI)	180 DEPTT	USHABEN MANGALBHAI BHOI NR. PRIMARY SCHOOL, BHOI NIVAS, SUNDAN, ANAND-388305. 9725404910
12	M.A.	SATYABALA VIMOCHANRAV DESAI GUJARATI GOLD MEDAL (GUJARATI)	180 DEPTT	USHABEN MANGALBHAI BHOI NR. PRIMARY SCHOOL, BHOI NIVAS, SUNDAN, ANAND-388305. 9725404910
13	M.A.	PROF. R.A. DAVE GOLD PLATED MEDAL (ENGLISH)	232 DEPTT	RICHA SURESHBHAI CHAUHAN 23, JAYPRABHU SOCIETY, PAVANCHAKKI ROAD, NADIAD-387002. 8128230321
14	M.A.	DR.(MRS.)CASHMERA P. BHAYA GOLD MEDAL (SOCIOLOGY)	38 DEPTT	PRATIKSHABEN BHARATBHAI PARMAR VAIBHAV LAXMI SOCIETY, BORU TURNING, KALOL-389330 PANCHMAHAL. 9974794698
15	M.A.	SHRI M.G. MERCHANT SMT. NEELAM MERCHANT & DR. AMRAPALI MERCHANT GOLD MEDAL (SOCIOLOGY)	38 DEPTT	PRATIKSHABEN BHARATBHAI PARMAR VAIBHAV LAXMI SOCIETY, BORU TURNING, KALOL-389330 PANCHMAHAL. 9974794698
16	M.A. (E.L.T)	CHARUTAR VIDYA MANDAL'S H M PATEL GOLD PLATED MEDAL (ELT)	24 HMP	NIKITABAHEN INDRAVADAN JOSHI 101, SHANTRAM RESICOM, NR. HP PETROL PUMP, VEMLI VILLAGE, VADODARA-390024. 9725168783
17	B.LIB. SCI.	DR GORDHANBHAI SHANABHAI PATEL GOLD PLATED MEDAL (OVER ALL)	03 DEPTT	DINESHKUMAR AMARSINH BARIA 6, LWAR FALIYU RACHHAVA. DHANPUR-389382 DAHOD.

<b>SR No.</b>	<b>NAME OF THE EXAM</b>	<b>NAME OF THE GOLD MEDALS/ GOLD PLATED MEDALS</b>	<b>SEAT No./ COLLEG E/ DEPTT.</b>	<b>NAME OF THE STUDENTS AWARDED THE MEDAL</b>
				9586358334
18	M.LIB. SCIENCE	DR. C.N. RAVAL GOLD MEDAL (OVER ALL)	09 DEPTT	RINALBEN AMITKUMAR BAROT B/14, YOGIRAJ SOCIETY, CIVIL ROAD, NADIAD-387001 7567534115
19	M.S.W.	SHRI R.O.SHAH STATE BANK OF INDIA EMPLOYEES UNION AHMEDABAD CIRCLE GOLD MEDAL (OVER ALL)	123 ILSASS	PRIYANKA CHANDRAKANT PARMAR C/O NARENDRA NATH, 54- AMBIKA NAGAR, NR. UMIYA NAGAR, NEW SAMA ROAD, VADODARA-390024. 8866365359
20	MASTER OF PUBLIC ADMINISTR ATION (MPA)	SMT. RAMABEN MULJIBHAI SHANKARBHAI PATEL(NARSANDA/M UMBAI/ U.S.A.) GOLD MEDAL	3 NSP	FAZILABEN ARIFBHAI VAHORA JANTA COLONY AT CHANGA, PETLAD ANAND CHANGA-388421 7041013508
21	B.SC.	SMT. RAMABEN GHANSHYAMBHAI PATEL GOLD PLATED MEDAL (BOTANY)	333 VP	SANSKRITI LOCHAN SAHAI2526 1, SANSHKAR SARJAN SOCIETY27, B/H, ALANG HOUSE, NR. S.K. CINEMA, AT-LAMBHVEL, ANAND LAMBHVEL ROAD, PIN-388310 MOB. 7698595315
22	B.SC.	DIPEE CHEMICALS PRIVATE LTD.(ANKLESHWAR) GOLD PLATED MEDAL (IND.CHEMISTRY)	1596 NVPASS	YUVRAJSINH JABBARSINH CHAUHAN E 81 JALARAM PARK SOCIETY RATNAKAR MATA ROAD KAPADV ANJ-387620 KHEDA 9099166275
23	B.SC.	DR. D.A.RAVAL GOLD MEDAL (IND.CHEMISTRY)	1596 NVPASS	YUVRAJSINH JABBARSINH CHAUHAN E 81 JALARAM PARK SOCIETY RATNAKAR MATA ROAD KAPADV ANJ-387620 KHEDA 9099166275
24	B.SC.	CHARUTAR VIDYA MANDAL GOLD PLATED MEDAL (INFORMATION	1653 NVPASS	DIXANT RAJENDRAKUMAR THAKOR ALARK BUNGLOW OPP. VAISHNAV TOWNSHIP,

SR No.	NAME OF THE EXAM	NAME OF THE GOLD MEDALS/ GOLD PLATED MEDALS	SEAT No./ COLLEGE/ DEPTT.	NAME OF THE STUDENTS AWARDED THE MEDAL
		TECHNOLOGY)		ANAND. MOB. 9820733415
25	B.SC.	SMT. KAMLABEN CHANDULAL DESAI GOLD PLATED MEDAL (CHEMISTRY)	1230 VP	VISHRUTI LALJIBHAI VADALIYA BLOCK NO 301 SHILP KALA APPARTMENT AMBAVADI JUNAGADH-362001 8866585732
26	B.SC.	DR. KANUBHAI CHUNIBHAI DESAI GOLD MEDAL (CHEMISTRY)	1230 VP	VISHRUTI LALJIBHAI VADALIYA BLOCK NO 301 SHILP KALA APPARTMENT AMBAVADI JUNAGADH-362001 8866585732
27	B.SC.	DR. B N MANKAD GOLD PLATED MEDAL(CHEMISTRY)	990 MBPSC	PRIYALBEN ASHLESHBHAI SONI GOSAI FALIYU NEAR MATHIYA CHORA NANU ADADH ANAND-388001 MOB. 9825716331
28	B.SC.	CHARUTAR VIDYA MANDAL GOLD PLATED MEDAL (ENVIRONMENTAL SCIENCE)	1438 NVPASS	SUMER PANKAJ 43 SH. BHAGAT SINGH COLONY,NR. COLLEGE GROUND BANSWARA (RAJ.) 9586922454
29	B.SC.	PRIN. N. D. DESAI GOLD PLATED MEDAL (MATHEMATICS & STATISTICS)	1844 VP	MANAN ANILKUMAR MAISURIA 2/64,FARAM STREET RUSHTAMPURA SURAT-395006 9998625240
30	B.SC.	SHRI KUBERBHAI VRAJBHAI PATEL GOLD PLATED MEDAL (OVER ALL ,ALL STUDENTS)	1844 VP	MANAN ANILKUMAR MAISURIA 2/64,FARAM STREET RUSHTAMPURA SURAT-395006 9998625240
31	B. SC.	DR. H. K. PATEL CHARUTAR VIDYA MANDAL GOLD MEDAL (Physics)	2447 VP	SMRUTIBEN HARESHKUMAR PARIKH D- 41,SANSKARDHAM SOCIETY - 1, NEAR JALARAMNAGAR , JUNA DIVA ROAD ANKLESHWAR-393001 BHARUCH 8460391241
32	B.SC.	CHARUTAR VIDYA MANDAL GOLD PLATED MEDAL (INSTRUMENTATION OR INSTRUMENTATION	1695 VP	SONALI RAVIKANT MISHRA ROOM NO -4, SAI NIVAS SOCIETY NR. NAVDEEP COLONY, PLOT NO-2107/9,G.I.D.C ANKLESHWAR-393002 BHARUCH MOB. 8155092024



<b>SR No.</b>	<b>NAME OF THE EXAM</b>	<b>NAME OF THE GOLD MEDALS/ GOLD PLATED MEDALS</b>	<b>SEAT No./ COLLEGE/ DEPTT.</b>	<b>NAME OF THE STUDENTS AWARDED THE MEDAL</b>
		VOC.)		
33	B.SC.	CHARUTAR VIDYA MANDAL GOLD PLATED MEDAL (BIO-TECHNOLOGY)	223 PMPIB	MITTAL MOHANBHAI PATEL 65 THAKOR SWAR ROW HOUSE PARVATGAM SURAT-395010 MOB. 9824173722
34	B.SC.	SHRI BABUBHAI JASHBHAI PATEL GOLD PLATED MEDAL (ELECTRONICS)	1387 VP	PRITI ASHOKBHAI RAI 55-B MATESHWARI NAGAR SOCIETY B/H AMBE NAGAR SOCIETY, GAMADI ANAND 388001 9429253200
35	B. SC.	DR. B. R. PATEL GOLD MEDAL (GENETICS)	1460 NVPASS	NISHITHABEN PATEL VADI SANTOKRUPA BORSAD, ANAND-388 345 MOB. 9601824183
36	M.SC.	SHRI ASHABHAI BABERBHAI PATEL GOLD PLATED MEDAL (All Branch)	9 DEPTT	NIDHIBEN BECHARBHAI PATEL 70, NARMADA NAGAR BUNGLOWS, MAHAVIR NAGAR, HIMMATNAGAR-383001 SABARKANTHA. 9429327200
37	M.SC.	“SHUSHILABEN MANUBHAI PATEL GOLD PLATED MEDAL” (Information Technology)	38 ANP	CHAITALIBEN SUDHIRBHAI JAIN RH-4/25, ONGC COLONY, ANKLESHWAR-393010. BHARUCH. 8866963833
38	M.SC.	PRIN N.D. DESAI GOLD PLATED MEDAL (Mathematics & Statistics)	9 DEPTT	NIDHIBEN BECHARBHAI PATEL 70, NARMADA NAGAR BUNGLOWS, MAHAVIR NAGAR, HIMMATNAGAR-383001 SABARKANTHA. 9429327200
39	M.SC.	PURUSHOTTAM L. PATEL OF (SOJITRA) GOLD MEDAL (MATHEMATICS)	9 DEPTT	NIDHIBEN BECHARBHAI PATEL 70, NARMADA NAGAR BUNGLOWS, MAHAVIR NAGAR, HIMMATNAGAR-383001 SABARKANTHA. 9429327200
40	M.SC.	DEV PUSHPA GOLD MEDAL (MATHEMATICS)	9 DEPTT	NIDHIBEN BECHARBHAI PATEL 70, NARMADA NAGAR BUNGLOWS, MAHAVIR NAGAR, HIMMATNAGAR-383001 SABARKANTHA. 9429327200

SR No.	NAME OF THE EXAM	NAME OF THE GOLD MEDALS/ GOLD PLATED MEDALS	SEAT No./ COLLEGE/ DEPTT.	NAME OF THE STUDENTS AWARDED THE MEDAL
41	M.SC.	DR. M. D. AVASARE GOLD PLATED MEDAL (CHEMISTRY) (ALL BRANCH CHEMISTRY)	30 DEPTT	RASIKBHAI MATHURBHAI TEJANI JUNA BADALPUR KUNKAVAV-364465 AMRELI. 9904544784
42	M.SC. (ORGANIC CHEMISTRY )	LATE SHRI MAHENDRABHAI GORDHANBHAI PATEL GOLD PLATED MEDAL (ORGANIC CHEMISTRY)	60 DEPTT	AESHABEN DHANSUKHBHAI PATEL MOTI KHADKI, PATEL FALIYU, RUNAJ-388150 TA.-SOJITRA DIST.-ANAND Mob. 8140720730
43	M.SC.	DR. M. R. PATEL GOLD PLATED MEDAL (TRANSPEK LIMITED) (CHEMISTRY) (ALL BRANCH CHEMISTRY)	30 DEPTT	RASIKBHAI MATHURBHAI TEJANI JUNA BADALPUR KUNKAVAV-364465 AMRELI. 9904544784
44	M.SC.	PROF. RAOJIBHAI JIJIBHAI PATEL, SHASHTHI PURTI SAMAROH GOLD PLATED MEDAL (By Rotation) Botany, Zoology, Bio-Chem.	12 BRD	SHAKTI RAMANANDI MANDIR VAS, SANTALPUR-385350 PATAN. 9510126926
45	M.Sc.	DR. RALLABHANDI SAILAJA'S MEMORIAL GOLD MEDAL (ZOOLOGY)	17 BRD	SHAKTI RAMANANDI MANDIR VAS, SANTALPUR-385350 PATAN. 9510126926
46	M.SC.	DR. RANCHHODBHAI MADHAVBHAI PATEL GOLD PLATED MEDAL (Botany)	15 BRD	HETAL ARASEEBHAI SOLANKI KRISHNA NAGAR SOCIETY, VERAVAL ROAD, TALALA GIR-362150 GIR SOMNATH. 9099752001
47	M.SC.	PROF. S.M. SHAH GOLD PLATED MEDAL (Statistics)	39 DEPTT	SOUMI SARKAR 46/1/1 OLAICHANDITALA 4 <sup>TH</sup> LANE, POST OFFICE-NIMTA, KOLKATA-700049. DIST.-NORTH TWENTY FOUR PARGANA 9674241044
48	M.SC.	CHARUTAR VIDYA MANDAL YASHODHARABEN AMBALAL PATEL	8 ISTAR	JIGAR KANUBHAI PATEL AT.-JALSAN OPP. PANCHAYAT OFFICE, KHAMBHAT-388580.

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		GOLD PLATED MEDAL (Polymer Sci.& Technology)		9558624484
49	M.SC.	DR. A.R. PATEL 60TH BIRTHDAY CELEBRATION GOLD PLATED MEDAL (Physics)	8 DEPTT	ANKURKUMAR JOHNBHAI DABHI 5252, BEHIMD AMARKUNJ SOCIETY, STATION ROAD, BORIAVI-377310 ANAND. Mob. 8460484576
50	M.SC.	Dr. CHANDRAKANT CHUNIBHAI DESAI GOLD MEDAL (PHYSICS) CONDENSED MATTER PHYSICS	8 DEPTT	ANKURKUMAR JOHNBHAI DABHI 5252, BEHIMD AMARKUNJ SOCIETY, STATION ROAD, BORIAVI-377310 ANAND. 8460484576
51	M.SC.	P.PU. PRAMUKHSWAMI MAHARAJ GOLD PLATED MEDAL (Electronics)	13 DEPTT	NIKOLAS RASIKBHAI CHRISTY 70, RAGHUVIR COLONY, PAVANCHAKKI ROAD, NADIAD-387002 9033840475
52	M.SC.	“MAHARSHI DAYANAND SARASWATI GOLD PLATED MEDAL” CHAROTAR PRADESH ARYA SAMAJ ANAND. (BIO- TECH)	16 ANP	ANITABA PRABHATSINH CHAUHAN 72, ARIHANT PARK, JITODIA ROAD, CHAVDAPURA-388001 ANAND. 8866370380
53	M.SC.	SMT. MEENAKSHI SUBRAMANIAM GOLD MEDAL (BIO-TECH.)	16 ANP	ANITABA PRABHATSINH CHAUHAN 72, ARIHANT PARK, JITODIA ROAD, CHAVDAPURA-388001 ANAND. 8866370380
54	M.Sc.	PROF. L.M. ANJARIA CHARUTAR VIDYAMANDAL GOLD PLATED MEDAL (Instrumentation)	03 ISTAR	BHAVESHKUMAR KARSHANBHAI KACHHADIA SHOBHAVADLA(GIR), TA.-VISAVADAR. DIST.-JUNAGADH-362130 9909386186
55	M.Sc.	SMT. VIMLABEN GUNVANTBHAI PATEL & SHRI GUNVANTBHAI CHHOTABHAI PATEL GOLD PLATED MEDAL	03 ISTAR	BHAVESHKUMAR KARSHANBHAI KACHHADIA SHOBHAVADLA(GIR), TA.-VISAVADAR. DIST.-JUNAGADH-362130 9909386186

SR No.	NAME OF THE EXAM	NAME OF THE GOLD MEDALS/ GOLD PLATED MEDALS	SEAT No./ COLLEG E/ DEPTT.	NAME OF THE STUDENTS AWARDED THE MEDAL
		(Instrumentation)		
56	M.Sc.	CHARUTAR VIDYAMANDAL GOLD MEDAL (ENVIRONMENTAL SCIENCE)	39 ISTAR	VISHNULAL GOPIDASH VYASHAK 453-A, SARDAR NAGAR RAILWAY COLONY, OPP. ST. JOSEPH SCHOOL, NR. NEW D-MART, FATEGANJ P.O VADODARA-390002 9825284833
57	M.SC.	DR. I. L. KOTHARI GOLD MEDAL (ALL BRANCH BIOSCIENCE)	03 BRD	GOVIND SURESH JOSHI NEAR TELI PANCHAYATI WADA, MODIKHANA CITY-=JALNA TALUKA-JALNA DISTRICT-JALNA PIN-431203 MOB.-9527701444
58	M.SC.	CHARUTAR VIDYA MANDAL DR. R P PATEL GOLD PLATED MEDAL (Industrial Chemistry)	55 ISTAR	RAJAL HITESHBHAI PATEL 1,RUPMAHAL, BADRI PARK SOCIETY, JAGNATH MAHADEVPURA ROAD, NR IRMA GATE, GANESH CROSSING, ANAND-388001. 9723774777
59	M.SC.	O.C. SHAH USHA PAINTS GOLD PLATED MEDAL (SURFACE COATING)	02 ISTAR	ANIK SEVANTIKUMAR PATEL 16, SILVER HOMES SOCIETY, NR. AUDA WATER TANK LANE, SOCIETY ROAD, SOLA, AHMEDABAD-380060. 9727597646
60	M.SC.	SOUJANYA ENTERPRISES GOLD MEDAL (SURFACE COATING)	02 ISTAR	ANIK SEVANTIKUMAR PATEL 16, SILVER HOMES SOCIETY, NR. AUDA WATER TANK LANE, SOCIETY ROAD, SOLA, AHMEDABAD-380060. Mob. 9727597646
61	M.SC.	“MAHARSHI DAYANAND SARASWATI GOLD PLATED MEDAL” CHAROTAR PRADESH ARYA SAMAJ ANAND. (MICROBIOLOGY)	61 BRD	KINJAL AMRUTLAL PRAJAPATI NR. PRIMARY SCHOOL NO.10, AMBIKA NAGAR, BHARUCH-370140 9586675490

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62	M.SC.	“MATERIALS RESEARCH SOCIETY OF INDIA (GUJARAT CHAPTER) GOLD PLATED MEDAL” (MAT.SCI.)	02 DEPTT	ANKIT VIRJIBHAI VASOYA PUSHTI, SANKET 1, ST NO. 2, BEHIND RAJSHRUNGAR PARTY PLOT, 150 FT. RING ROAD, RAJKOT-360004 Mob.7405420944
63	B.C.A.	LATE SHRI TRIBHUVANDAS K PATEL THE FIRST MANAGING TRUSTEE OF SARDAR PATEL EDUCATION TRUST ANAND GOLD PLATED MEDAL” (OVER ALL)	425 DNIC	AKSHAY AMARSINGH JAT 6 SALAMNAGARA SOCIETY, NR. NARMADA CANEL CHHANI, BARODA-391 740 MOB. 8460034445
64	M.C.A.	SHRI PURUSHOTTAMDAS SHIVABHAI PATEL (NAR) GOLD PLATED MEDAL	40 MCA	LALJIBHAI JIVRAJBHAI DHAMELIYA VILLAGE:- RAJPARA NO-2 TALAJA-364120 BHAVNAGAR Mob.8153851853
65	M.C.A.	LATE SHRI PRAFFULCHANDRA AMBALAL PATEL GOLD PLATED MEDAL	40 MCA	LALJIBHAI JIVRAJBHAI DHAMELIYA VILLAGE:- RAJPARA NO-2 TALAJA-364120 BHAVNAGAR 8153851853
66	M.C.A.	“LATE JIGAR JITENDRA PATEL GOLD PLATED MEDAL”	40 MCA	LALJIBHAI JIVRAJBHAI DHAMELIYA VILLAGE:- RAJPARA NO-2 TALAJA-364120 BHAVNAGAR 8153851853
67	M.C.A.	SHRI R SUBRAMANIAM GOLD MEDAL	40 MCA	LALJIBHAI JIVRAJBHAI DHAMELIYA VILLAGE:- RAJPARA NO-2 TALAJA-364120 BHAVNAGAR 8153851853
68	M.C.A.	SMT. HANSABEN RAMESHBHAI PATEL MAHUDHA (ANAND) GOLD MEDAL (MCA & MCA Lateral)	100 MCA	SLADE KYLE NELSON A-301 SUNDERVAN COMPLEX, NEXT TO GOPI PETROL PUMP, NEAR ITI, VADODARA 390016 9974621281
69	MV. (PLANT & MACHINERY)	SHRI PRAGJI DHARSHI BUDHBHATTI GOLD PLATED MEDAL	14VP701 ISTAR	MAHADEV RAMCHANDRA KALBURGI A-4, SHRIMANT GANARAJ APPT. S.NO. 667/3 B.H POONAM GARDEN APPT. BIBREVADI.

<b>SR No.</b>	<b>NAME OF THE EXAM</b>	<b>NAME OF THE GOLD MEDALS/ GOLD PLATED MEDALS</b>	<b>SEAT No./ COLLEGE/ DEPTT.</b>	<b>NAME OF THE STUDENTS AWARDED THE MEDAL</b>
				PUNE-411037
70	MV. (REALESTATE)	SMT. VASANTBEN CHUNILAL SHAH GOLD PLATED MEDAL	14VR806 ISTAR	GAUTAMKUMAR DHIRUBHAI MAVANI 207, RACHNA SOCIETY, L.H. ROAD, VARACHHA, SURAT-395006 9913348149, 9925922150
71	MIHS	CHARUTAR VIDYAMANDAL GOLD MEDAL (INDUSTRIAL HYGIENE & SAFETY)	14IH401	ANOOB AJAY PARANJPE C/3, TEJAL APPT. 24/25, KALYAN SOCIETY, AKOTA, VADODARA-390020 8724274365, 9427111528
72	B.ARCHITECTURE	LATE AR SURYAKANT PATEL GOLD MEDAL	11SA119 DCP	MAHESH KANTIBHAI PATEL SHIVKRUPA, MAHALAXMI PARK, NR. ANAND- CHIKHODRA OVERBRIDGE, ANAND-388001 9033929242
73	B.ARCHITECTURE	PARISAR TRUST ARCHITECTURE (GOLD MEDAL)	11SA129 DCP	SHAILY SARAF 26-A, BAKHTAWAR RAM NAGAR, NEAR AJIT CLUB INDORE (M.P)- 452018 8128493653, 9425060139
74	B.Com.	THE BANK OF INDIA PRIZE GOLD PLATED MEDAL (ADV. BANKING)	1370 BJVM	PINKYBEN JOKHUBHAI PASVAN AYER BHAVAN, NR. AATMIYA AMRUT, B/H, AMI KRUPA GIORLS HOSTEL, VALLABH VIDYANAGAR. MOB.9714381545
75	B.Com.	SHRI HASSAM PREMJI GOLD PLATED MEDAL (Over All)	474 ACC	JINAL NITINKUMAR THAKKAR 28-M, "HARI KRUPA", SHIV PARK SOCIETY, BEHIND NEHRU GARDEN, OPP. SAMRUDDHI FLAT ANAND-388001 MOB. 8141845662
76	B.Com.	DAHIBEN VALLABHBHAI PATEL (MAHELAV) GOLD PLATED MEDAL Accounting & Auditing	474 ACC	JINAL NITINKUMAR THAKKAR 28-M, "HARI KRUPA", SHIV PARK SOCIETY, BEHIND NEHRU GARDEN, OPP. SAMRUDDHI FLAT ANAND-388001 8141845662

<b>SR No.</b>	<b>NAME OF THE EXAM</b>	<b>NAME OF THE GOLD MEDALS/ GOLD PLATED MEDALS</b>	<b>SEAT No./ COLLEGE/ DEPTT.</b>	<b>NAME OF THE STUDENTS AWARDED THE MEDAL</b>
77	B.Com.	CA P.D. PARIKH GOLD MEDAL (Adv. Accounting & Auditing)	474 ACC	JINAL NITINKUMAR THAKKAR 28-M, "HARI KRUPA", SHIV PARK SOCIETY, BEHIND NEHRU GARDEN, OPP. SAMRUDDHI FLAT ANAND-388001 MOB. 8141845662
78	B.Com.(Hon.)	THE INSTITUTE OF CHARTERED ACCOUNTS OF INDIA GOLD MADEL (Over All)	31 CZP	SIMMY M. GUPTA KANSARWADA KI GALI, AZAD CHOWK, SADAR BAZAR, BANSWARA -327001 9586348597
79	M.Com.	MAFATLAL INDUSTRIES LIMITED GOLD MEDAL (OVER ALL)	130 DEPTT	HARDIKBHAI HARSHADBHAI PRAJAPATI PRAJAPATI NIVAS, OPP. PRIMARY SCHOOL, GAMDI-388001 ANAND 9033249408
80	M.Com.	PROF. MANUBHAI M. SHAH GOLD MEDAL (OVER ALL)	130 DEPTT	HARDIKBHAI HARSHADBHAI PRAJAPATI PRAJAPATI NIVAS, OPP. PRIMARY SCHOOL, GAMDI-388001 ANAND 9033249408
81	B.B.A.	ASHABHAI BABERBHAI PATEL (ANAND) GOLD PLATED MEDAL(OVER ALL)	298 BJVM	AARZOOBEN SALIMBHAI VHORA MANDVI CHAWK,OPP.INDIAN BANK,NEAR TOWER, PIPLAG-387355 NADIAD KHEDA 9033453432
82	M.B.A.	SMT CHANDAN M PARIKH MEMORIAL TRUST (SANKHEDA) GOLD PLATED MEDAL (FINANCIAL MANAGEMENT)	14F61 MBA	MAHESHKUMAR JOSHI KAVREPANCHOWK, CHANDENI MANDAN, NEPAL. MOB-9779860947689
83	M.B.A.	GORDHANBHAI HATHIBHAI PATEL GOLD PLATED MEDAL (MARKETING MANAGEMENT)	14M45 MBA	ANU DHUNGANA CHHANG CHANGDI, SYANGJA, NEPAL. MOB-9849542618

<b>SR No.</b>	<b>NAME OF THE EXAM</b>	<b>NAME OF THE GOLD MEDALS/ GOLD PLATED MEDALS</b>	<b>SEAT No./ COLLEGE/ DEPTT.</b>	<b>NAME OF THE STUDENTS AWARDED THE MEDAL</b>
84	M.E. BUSINESS	CHARUTAR VIDYA MANDAL'S DR. RAJNIKANT MULJIBHAI PATEL GOLD PLATED MEDAL	22 SEMCOM	NEELAM JITENDRA PATEL 205 WELCOM FLATS NEAR MIG FLATS, BEHIND BUDDHEV COLONY, KARELI BAUG VADODARA-390018 8469048658
85	LL.B. (CBCS)	THE AANAD MERCANTILE CO-OP. BANK LTD. GOLD PLATED MEDAL	48 ALC	DIPALI DINESHCHANDRA SHAH 7, LAKSH TOWNSHIP, PART-1, JITODIYA ROAD, ANAND-388001 9727379543
86	LL.B. (SP.)	JUSTICE CHATURBHAI N. PATEL GOLD PLATED MEDAL	12 ALC	ASWINKUMAR VINODBHAI PRAJAPATI C/7, MANIDHAN SOCIETY, NR. COLLEGE, PETLAD. MOB. 9974040337
87	LL.M.	SHRI GORDHANBHAI SHANABHAI PATEL GOLD PLATED MEDAL	137 ALC	HIREN SURESHBHAI SOMAIYA 19 A, UPASA NAGAR SOCIETY, ODE-388210 DIST.- ANAND. 9904247644
88	B.SC. HOME (HUMAN DEVELOPMENT)	SURAJBA ISHVERBHAI PATEL (UTTARSANDA) GOLD PLATED MEDAL (HUMAN DEVD BRANCH)	71 SMP	KAVISHA VIREN BHATT 703 - KALASAGAR BEHIND RATNAMANI COMPLEX, NR. JODHPUR X ROADS, SATELLITE AHMEDABAD-380015 8401290050
89	B.SC(HOME SCI.) (ALL BRANCH)	MANIBHAI SHIVABHAI PATEL MANIBHAI PATEL & BROTHERS (CHARITABLE TRUST) GOLD MEDAL (ALL BRANCH)	35 SMP	SAKINA MAZHARBHAI EZZY 9 FAKHARI SOCIETY NEAR NAVJIVAN MILL 2 ROAD DAHOD-389151 9099779733
90	B.SC. HOME (CLOTHING & TEXTILE)	GANGABEN NATHABHAI PATEL GOLD PLATED MEDAL (TC BRANCH)	35 SMP	SAKINA MAZHARBHAI EZZY 9 FAKHARI SOCIETY NEAR NAVJIVAN MILL 2 ROAD DAHOD-389151 9099779733
91	B.SC. HOME (FAMILY RESOURCES MANAGEMENT)	V.C. DESAI CHARITY TRUST SMT. LILABEN DESAI GOLD PLATED MEDAL (FRM BRANCH)	56 SMP	MAMTA PRAFULKUMAR SOLANKI VADVADI KHADKI KHAMBHOLAJ - 388 330 ANAND 8490904479
92	B.SC. HOME (FOODS & NUTRITION)	MRS. B. TARABAI GOLD PLATED MEDAL	130 SMP	VALERIE WENDELL D'SOUZA 103, SARJAN APPT,EME ROAD,FATEHGUNJ,



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		(F N BRANCH)		VADODARA-390002 9898196334
93	M.SC (HOME SCI. ) (FN BRANCH)	PROF S S SAIL GOLD PLATED MEDAL (FN BRANCH)	13 DEPTT	MEERA JATINBHAI BARASARA NEW ADARSHA SOCIETY, OPP. NEW BUS STOP, SARDAR BAUGH, SHANANA ROAD, DIST-RAJKOT. MORBI. MOB-9898840578
94	M.PHARM	CHARUTAR VIDYAMANDAL GOLD MEDAL	02 DEPTT	ANOOJ VIRENDRABHAI PATEL B/H LAXMI CINEMA, GEETANJALI GUEST HOUSE ROAD, SHREEJI SADAN ANAND-388001 9016099992
95	M.B.B.S. (PART-I) (Community Medicine)	LATE MANIBEN RAOJIBHAI PATEL GOLD PLATED MEDAL (PSM)	76 PSMC	RADHA SHUKLA 502-19, ROSE BANK DRIVE TORONTO, ON CANADA 9879794210
96	M.B.B.S. (PART-I) ENT	SWAMI SHRI KRISHNANANDJI (BHADRAN) GOLD PLATED MEDAL (ENT)	06 PSMC	ANUSHA MANGALAMPALLI VASUNDHARA OPP SONABA CLINIC, B/D MIRCH MASALA MOTA BAZAAR, VALLABH VIDYANAGAR ANAND-388120 7874543421
97	M.B.B.S. (PART-I & II)	DESAI DADUBHAI APASAHEB (BAKROL) GOLD PLATED MEDAL	84 PSMC	SHIVANIBEN CHANDRAKANT PATEL PATEL FARM,NH-59,INDORE HIGHWAY,NR. AEGIS GAS PUMP,NANI SARSI,MUWALIYA DAHOD-389151 9428716125
98	M.B.B.S. (PART-I & II)	LATE SMT. LATABEN MADHUBHAI DESAI (NADIAD) GOLD MEDAL	84 PSMC	SHIVANIBEN CHANDRAKANT PATEL PATEL FARM,NH-59,INDORE HIGHWAY,NR. AEGIS GAS PUMP,NANI SARSI,MUWALIYA DAHOD-389151 9428716125
99	M.B.B.S. (PART-I & II)	DR. H.C. SRIVASTAVA M.S. F.A.M.S. GOLD MEDAL (PART-I & II)	84 PSMC	SHIVANIBEN CHANDRAKANT PATEL PATEL FARM,NH-59,INDORE HIGHWAY,NR. AEGIS GAS PUMP,NANI SARSI,MUWALIYA

<b>SR No.</b>	<b>NAME OF THE EXAM</b>	<b>NAME OF THE GOLD MEDALS/ GOLD PLATED MEDALS</b>	<b>SEAT No./ COLLEG E/ DEPTT.</b>	<b>NAME OF THE STUDENTS AWARDED THE MEDAL</b>
				DAHOD-389151 9428716125
100	M.B.B.S. (PART-II) (SURGERY)	SWAMI SHRI KRISHNANANDJI (BHADRAN) GOLD PLATED MEDAL (SURGERY)	38 PSMC	KARAN AJAY BHATNAGAR LODHA GOLFLINKS,402, SERENO B, PALLAVAKALYAN SHIL ROAD DOMBIVALI-421204 MAHARASHTRA 7874543421
101	M.B.B.S. (PART-II) (Obstetrics & gynecology)	SWAMI SHRI KRISHNANANDJI (BHADRAN) GOLD PLATED MEDAL (OBSTE & GYAL.)	86 PSMC	SHRUTI VITHAL KAMAT SHANTAVILLAS, 1-2, HAASH BUNGLOWS NR. IRMA GATE, MANGALPURA ROAD, ANAND-388001 9429032313
102	M.B.B.S.	BHAIKAKA GOLD PLATED MEDAL (OVER ALL)	60 PSMC	NUPUR HEMANTBHAI PANDYA 40, KRISHNA HOUSING SOCIETY, STATION ROAD, ANAND-388001 9998216872
103	M.B.B.S. (PART-I) (Ophthalmolo gy)	DR BHIKHUBHAI S PATEL GOLD PLATED MEDAL (OPHTHALMOLOGY)	87 PSMC	SHIVANIBEN CHANDRAKANTBHAI PATEL PATEL FARM,NH-59,INDORE HIGHWAY,NR. AEGIS GAS PUMP,NANI SARSI,MUWALIYA DAHOD-389151 9428716125
104	M.B.B.S. (PART-II) MEDICINE	DR. PIYUSH RAVJIBHAI PATEL GOLD PLATED MEDAL (MEDICIN)	17 PSMC	DAMINIBAHEN BHUPENDRABHAI PATEL C/O. BHUPENDRABHAI PURSOTAM PATEL JAWAHAR CHOWK, BANDHANI, PETLAD-388410 9998017132
105	M.S. (GENERAL ) (SURGERY)	LATE SHRI DHIRAJLAL SHIVSHANKER RAVAL GOLD MEDAL	01 PSMC	ABHISHEK AGRAWAL CHANDRA LAXMI HOSPITAL, 4, DASNA ROAD, MALIWARA CHOWK, GHAZIABAD-201001 UTTAR PRADESH 8141278211, 8527819124
106	M.D. OBSTERTIC S & GYNAECOL OGY	DR. NIRMALA B. SWAMI GOLD MEDAL	02	NIKET HITESHBHAI PATEL KAIVAL HOSPITAL, OPP. PUNJAB NATIONAL BANK, STATION ROAD, ANAND-388001 9913603644

<b>SR No.</b>	<b>NAME OF THE EXAM</b>	<b>NAME OF THE GOLD MEDALS/ GOLD PLATED MEDALS</b>	<b>SEAT No./ COLLEGE/ DEPTT.</b>	<b>NAME OF THE STUDENTS AWARDED THE MEDAL</b>
107	B.SC. MEDICAL TECHNOLOGY (MT)	SMT. RAMABEN MULJIBHAI SHANKARBHAI PATEL(NARSANDA/MUMBAI/ U.S.A.) GOLD MEDAL	45 PMPPS	RIDDHIBEN DASHARTHBHAI PATEL NARBHAI NI KHADKI,DEVATAJ SOJITRA-387240 ANAND 9586554493
108	P.B.B.SC. NURSING	SMT.MAHINDRABEN B.BRAHMBHATT NURSING GOLD MEDAL	1 VIN	AERICA JAMES MACWAN C/1, SILK VATIKA FLATS, DIVY JYOT SOCIETY, PAVAN CHAKKI, NADIAD. MOB-9825591401

**(6) PhD Degrees Awarded in 2016-2017**

<b>Sr No</b>	<b>Faculty</b>	<b>Total</b>
1	Arts	41
2	Science	31
3	Management	06
4	Business Studies	19
5	Education	08
6	Engineering & Technology	01
6	Pharmaceutical Science	01
7	Medicine & Surgery	03
8	Home Science	02
<b>Total</b>		<b>112</b>

**FOR THE LIST OF THE PH D THESES, PLEASE REFER TO CHAPTER III**

**2.8 Students Achievements in 2016-2017**

**DEPARTMENT OF GUJARATI**

**(a)NET – JRF / NET – C/**

<b>Sr No</b>	<b>Name of Students</b>	<b>Cleared NET-JRF/NET-C</b>	<b>Date of Cleared Exam</b>
1	Rajni Parmar	NET-JRF	21 Nov 2016

**DEPARTMENT OF SANSKRIT**

**(a)NET – JRF / NET**

<b>Sr No</b>	<b>Name of Students</b>	<b>Award</b>	<b>Date of award received</b>
1	Divya N. Rathva	SLET	September, 2016

**DEPARTMENT OF CISST**

**(a)NET – JRF / NET**

<b>Sr No</b>	<b>Name of Students</b>	<b>Award</b>	<b>Date of award received</b>
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1	Mr. Jaspreet Singh Pabla	University Fellowship	SPU
2	Shriram Patel	Project Assistant	DBT

## DEPARTMENT OF HOME SCIENCE

### (a)NET – JRF / NET – C/

Sr No	Name of Students	Cleared NET-JRF/NET-C	Date of Cleared Exam
1	Khushbu Dineshbhai Dalwadi	GSET	25 <sup>th</sup> September,2016
2	Harbinder Gurucharansingh Shikh	GSET	25 <sup>th</sup> September,2016
3	Hinal Naileshkumar Patel	GSET	25 <sup>th</sup> September,2016
4	Poonamben Chimanbhai Oza	GSET	25 <sup>th</sup> September,2016
5	Poonamben Chimanbhai Oza	NET	10 <sup>th</sup> July,2016

### (b) Awards

Sr No	Name of Students	Award	Date of award received
1.	Anu Mishra and V.H. Patel	Best Paper Award at International conference on nutraceuticals and functional foods- the challenges and opportunities, organized by Anand Agricultural university, Anand and Indian Society of Agricultural Biochemists, Kanpur	6- 8 December, 2016

## DEPARTMENT OF MATHEMATICS

### (a)NET – JRF / NET – C/

Sr No	Name of Students	Cleared NET-JRF/NET-C	Date of Cleared Exam
1	Yuvraj Pipalia	UGC-NET-JRF	2016-17
2	Vaishali Goswami	CSIR-NET-JRF	2016-17
3	Karishman Solanki	UGC-NET(LS)	2016-17
4	Sonal Maheshwari	UGC-NET(LS)	2016-17
5	Darshna Likhada	UGC-NET(LS)	2016-17
6	Ranjeet Dharsanda	UGC-NET(LS)	2016-17
7	Nilesh Sonara	UGC-NET(LS)	2016-17
8	Rushi Kadiya	UGC-NET(LS)	2016-17

## DEPARTMENT OF SOCIOLOGY

### (a) NET – JRF / NET – C/

Sr No	Name of Students	Cleared NET-JRF/NET-C	Date of Cleared Exam
1	Jagruti Prajapati	GSET	Sept-2016
2	Devendra Solanki	GSET	Sept-2016
3	Bharat K. Machhi	GSET	Sept-2016

## DEPARTMENT OF MATERIALS SCIENCE

### (a) Awards

Sr No	Name of Students	Award
1	Mr. Ankit Vasoya	Prof.CNR Rao Education Foundation Prize
2	Anurag Kumar	All India rank One in GATE 2017 Engineering Science (XE)

### (b) Selection in National Programmes

Sr No	Name of Students	Name of Programme for Selection
1	M. A. Maisuria	Training Programme in Mathematics
2	A. Soneji	Summer Programme in Mathematics
3	S. S. Bhatt	Mathematical Training & Talent Search Programme
4	K. G. Rachhh	NURTURE Program

## 2.9 Examination Reforms Unit

The Examination Reforms Unit was established in 1976 in Sardar Patel University and received grants from the UGC until March 1995. It was only then that the State Government began to shoulder the financial burden.

Examination Reforms Unit of the University has a very long history of about 41 years, during which its dynamic conveners along with efficient teams have plunged headlong into implementation of various programmes of examination reforms formulated by the UGC.

### CHAPTER-3

#### RESEARCH, CONSULTANCY AND EXTENSION SERVICES

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#### 3.1 Research

Teaching-learning both presuppose research and must lead to further research and development. The university has built track-record in attracting research funding from the UGC and other funding agencies like DST, DBT, ICSSR etc at the national level and agencies of the Government of Gujarat. We have today 03 University Departments recognized by the UGC under CAS scheme and 12 Departments under SAP-DRS scheme. Our teachers apply and get funding for Major and Minor Research Projects.

Our various Departments have identified and defined their thrust areas as follows:

No	Department	Thrust Areas
1	Department of Biosciences	Microbial Biotechnology, Plant and Animal Biotechnology, Environmental Studies, Aqua Culture Studies
2	Department of Chemistry	Polymer Science, Organic and Inorganic Chemistry, and Physical Chemistry
3	Department of Materials Science	Thin Film, Ceramics, Carbon, Nano Materials, and Smart Materials, Conducting Polymers
4	Department of Physics	Condensed Matter Physics, High Energy Physics, Atomic and Molecular Physics, Theoretical Physics
5	Department of Mathematics	Functional Analysis and Applications, Harmonic Analysis, Relativity, Tribology, Financial Mathematics, Non-commutative Geometry
6	Department of Statistics	Design of Experiments, Inference, Reliability and Life Testing, Statistical Quality Control, Biostatistics
7	Department of Computer Science and Technology	Systems Software system, Distributed computing, Knowledge-based Systems, Image Processing
8	Department of Electronics	Semi-conducting Thin Films and Device Applications, Gas Sensors, Biosensors, Polymer Electronics
9	Department of Home Science	Foods and Nutrition, Food Biotechnology, Family Resource Management, Textile & Clothing and Human Development
10	Department of Business Administration	Consumer Education and Research, Market Research
11	Department of Business Studies	Finance and Accounts, Entrepreneurship Development and Small Business, Marketing Management
12	Department of English	Literary Representation of Social Change in the Post-1970 Novels and Plays in Gujarati, Hindi and English Literatures; Contemporary English Literature; New Literatures; Contemporary Literary Theory and Criticism; American Literature; Applied Linguistics etc
13	Department of Gujarati	Narratology, Comparative Indian Literature, Myth and Motif Studies

No	Department	Thrust Areas
14	Department of Hindi	Functional Hindi, Dramatics and Dramaturgy, Theatre and Media Research
15	Department of Sanskrit	Purva Mimamsa, Nyaya Mimamsa, Alankara, Vedanta
16	Department of Economics	Agriculture Economics, Rural Development, and Environmental Economics
17	Department of Sociology	Indian Diaspora, Medical Sociology
18	Department of Psychology	Clinical Psychology, Industrial Psychology
19	Department of History	History of Struggle for Independence, Modern History
20	Department of Political Science	International Relations, Ethics and Morality in Politics
21	Department of Education	Philosophy of Education, Teaching-Learning Process, Cognition
22	Department of Library and Information Science	Networking, Communication of Information
23	Department of Social Work	Rural Development, Industrial Sociology

### Consultancy Services

Our Science Departments, Commerce and Management Departments provide consultancy services on honorary and informal basis. The departments within the Humanities and the Social Sciences offer consultations sometimes to the publication houses in the state and the country also on honorary and informal basis. The University and Industry Interaction (U&I Interaction) Cell, established in 2005 to facilitate such consultancy services, often helps to generate revenue largely for the teachers offering consultancy services to the industry with a percentage of it contributed to the university.

### Extension Services

Extension services include guest lectures delivered, expert lectures delivered under UGC Teachers' Exchange Programme or UGC Visiting Professors/Fellows Programme, lectures in Orientation Courses, lectures in Refresher Courses, and interactions with professional groups like associations or learned societies outside this university.

The Centre for Students Counselling and Placement has been in operation and has been doing excellent work in giving aptitude tests and in arranging for placement. This centre offers career and personal counselling to students.

We have made available, the details of both consultancy and extension services provided by the university teachers in this report.

### New Research Projects of Postgraduate Departments

#### (I) An Overview

Sr No.	Departments	No. of projects	Amount (Rs.)
1	Basic Sciences	08	1,76,88,359
2	Languages	02	11,10,000
3	Humanities & Social Science	02	54,45,000

<b>Total</b>	<b>12</b>	<b>2,42,43,359</b>
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**(II) Departments wise New Research Project Details**

**(A) Basic Sciences**

**New Research Projects Undertaken and Grant Received by the Teachers of Basic Sciences of Postgraduate Departments in 2016-2017**

<b>Sr No.</b>	<b>Departments</b>	<b>No. of projects</b>	<b>Amount(Rs.)</b>
1	Chemistry	04	1,73,88,359
2	Computer Sciences	02	2,00,000
3	Electronics	01	-
4	Material Science	01	1,00,000
<b>Total</b>		<b>08</b>	<b>1,76,88,359</b>

**(B) Languages**

**New Research Projects Undertaken and Grant Received by the Teachers of Languages of Postgraduate Departments in 2016-2017**

<b>Sr No.</b>	<b>Departments</b>	<b>No. of projects</b>	<b>Amount (Rs.)</b>
1	Gujarati	02	11,10,000
<b>Total</b>		<b>02</b>	<b>11,10,000</b>

**(C) Economics Sciences & Social Sciences**

**New Research Projects Undertaken and Grant Received by the Teachers of Economics Sciences of Postgraduate Departments in 2016-2017**

<b>Sr No.</b>	<b>Departments</b>	<b>No of projects</b>	<b>Amount ()</b>
1	Business Management (MBA)	01	5300000
2	Pschology	01	145000
<b>Total</b>		<b>02</b>	<b>5445000</b>

**Departmentwise Details of the Projects Undertaken :**

**(A) Basic Sciences**



## DEPARTMENT OF CHEMISTRY

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr. H. M. Patel	An efficient synthesis of biologically active compounds via one-step synthesis from diverse heterocyclic scaffolds	SERB, New Delhi	Rs. 48,62,000/-, 07/02/2017	2017-2021
Dr. Saurabh S. Soni	Colored fluorescent conducting oligomers/monomers for Dye Sensitized Solar Cells	DST, New Delhi	Rs. 88,78,099/-	2016- 2019
K. R. Surati	Low Band Gap Polymers for Organic Photovoltaics	SERB, New Delhi	Rs. 5,50,000/- SERB/EMEQ-204/2014 21/03/2016	1 Year
Manish Kumar Mishra (PI)	Study on multifunctional catalytic property of metal-organic frameworks (MOFs) catalysts for catalytic conversion of alcohols in industrially important synthesis reactions	SERB, New Delhi	Rs. 30,98,260/- EMR/2016/000896 26 August 2016	3 Years

## DEPARTMENT OF COMPUTER SCIENCES

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr. Hardik B. Pandit (Principal Investigator)	Design and Implementation of the Model of Decision Support System for Selection of Research Topic	Seed Grant (Sardar Patel University)	Amount of Research Grant: Rs. 1,00,000/- Letter No.: G/1-Seed Grant/2016-17/(4)/1855 Date: 24/06/2016	01/07/2016 to 30/06/2017
Dr. Birajkumar V. Patel (Principal Investigator)	Designing Model for Product based Search Engine	Seed Grant (Sardar Patel University)	Amount of Research Grant: Rs. 1,00,000/-  Letter No.: G/1-Seed Grant/2016-17/(5)/1855 Date: 24/06/2016	01/07/2016 to 30/06/2017  (Extension

			Extension Letter No. : G/1-Seed Grant/2017-18/2247 Date: 30/06/2017	approved upto 30/10/2017)
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#### DEPARTMENT OF ELECTRONICS

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr. Vibha S. Vaishnav Co-Investigator	Effects of Yoga Nidra on Well Being of School Children	Sanctioning agency: H M Patel Centre for Medical Education and Research (Karamsad)	No Financial Assistance was asked (All expenditure borne by P.I.)	February 21, 2017 onwards For 1 year

#### DEPARTMENT OF MATERIAL SCIENCES

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
PI – Dr. R.V.Patel (CISST)  Co- investigator Dr. R.H.Patel	Synthesis and Characterization of graphine based composite	SEED Grant	Rs. 1,00,000/- G-1/SEED GRANT/2016-17/(3)/1855 Dated – 24 <sup>th</sup> June 2016	2 Years

**Languages****DEPARTMENT OF GUJARATI**

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr. Pinakini Pandya	UGC DRS SAP – I (DEPARTMENTAL PROJECTS)	UGC, NEW DELHI	F.NO-5.9/DRS-I/2016 (SAP-III) Rs. 10,50,000/-	Five years
Dr. R.V. Chaudhari	Ognismi Sadini Pardeshi Pravas kathao	Seed Money Grant, S.P. University	Rs. 60,000/-	1.5 Year

**Economics & Social Sciences****DEPARTMENT OF BUSINESS MANGEMENT (MBA)**

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr. Yogesh C.Joshi (PI) Dr. Darshana R. Dave (Co. PI)	UGC – SAP – III	UGC	Rs. 53 Lakhs Letter yet to be received	5 years

**DEPARTMENT OF PSCHOLOGY**

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr.S.M.Makvana	To study fear of death and well-being with reference to diabetes challenger	UGC	No.C/B-16/SMM/14-15/231-16-4- 2014, Rs. 1,45,000/-	Two years from 1/4/2014

**(2) Ongoing Research Project of Postgraduate Departments**

**(I) An Overview**

No.	Departments	No. of projects	Amount (Rs.)
1	Basic Science	21	3,37,65,923
2	Economic Science	09	2,18,90,000
3	Social Science	01	1,45,000
4	Language	05	43,52,100
	<b>Total</b>	<b>45</b>	<b>4,81,95,843</b>

**(II) Depatmentwise Ongoing Projects Detail**

**(A) BASIC SCIENCES**

**Ongoing Reserch Projects Undertaken and Grants Received by the Teachers of Basic Sciences of Postgraduate Departments in 2016-2017**

No.	Departments	No. of projects	Amount (Rs.)
1	Biosciences	05	1,38,36,763
2	Chemistry	05	92,70,260
3	CISST	04	80,35,400
4	Electronics	02	1,00,000
5	Computer Science	03	2,84,000
6	Physics	02	22,39,500
	<b>Total</b>	<b>21</b>	<b>3,37,65,923</b>

**DEPARTMENT OF BIOSCEICNES**

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Prof. Datta Madamwar	Prof. Datta Madamwar, PI and Coordinator	Ecological perspective of Rann of Kachchh: Studies on 136hysic-	Rs. 85,79,843/- BT/PR8218/BCE/8/ 1044/2013 Department of Biotechnology,	29-08-2014 to 28-08-2017

		chemical and community structure of Soil	New Delhi	
Dr. T. V. Ramana Rao	Evaluation of Biosafe Products as an Alternate Strategy to Improve the Postharvest Quality and Shelf life of Some Perishable Horticultural Produce	UGC, New Delhi	Rs.14,60,000/- Sanction Letter No. F. No. 43-117/2014 (SR) dated 3 <sup>rd</sup> Dec. 2015	3 Years w.e.f. 01/07/2015
Dr. T. V. Ramana Rao as one of the Investigators	Development and optimization of biopolymer based composite and/or bilayered edible coating emulsions to improve the postharvest quality and shelf life of some short lived tropical fruits” – An integrated project under <b>Centre with Potential for Excellence in Particular Area (CPEPA)</b> of “in Applied Polymers	UGC, New Delhi	Rs. 6.9 crores (CPEPA programme where five science departments involved)	up to March 2021
<b>PI:</b> Dr. Amita R. Shah <b>CO-PI:</b> Prof. Datta Madamwar	An integrated approach for the development of microwave system for pretreatment of lignocellulosic biomass for cellulolytic enzyme and bioethanol production.	DBT, New Delhi	Rs. 23,70,000/-, Sanctioned latter No BT/PR7333/PBD/26/373/2012, dated 26/05/2014	3 Years from 26/05/2014
Dr. M. Natraj	Micropropagation of <i>Ailanthus excelsa</i> Roxb. – a multipurpose tree	GSBTM	Rs. 14,26,920/-	3 Years

#### DEPARTMENT OF CHEMISTRY

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr. H. M. Patel	An efficient synthesis of biologically active compounds via one-step synthesis from diverse heterocyclic scaffolds	SERB	Rs. 48,6,000/-, 07/02/2017	2017-2021
K. R. Surati	Highly efficient Phosphorescent Mixed Ligand Complexes for OLEDs: Fabrication and it's Application	GUJCOST, Gandhinagar	Rs. 2,20,000/-	02 Years
K. R. Surati (Task Group Member)	The environmental and health challenges of e-waste and its management: an emerging 21st	IUPAC	Not sanction till today	02 Years

	century global concern			
Manish Kumar Mishra (PI)	Study on multifunctional catalytic property of metal-organic frameworks (MOFs) catalysts for catalytic conversion of alcohols in industrially important synthesis reactions	SERB, New Delhi	Rs. 30,98,260/- EMR/2016/000896 26 August 2016	3 Years
Manish Kumar Mishra (PI)	Development of multifunctional catalysts for alcohol activation	UGC, New Delhi	Rs. 10,90,000/- 43-215/2014(SF) 30 September 2015	3 Years

#### DEPARTMENT OF CISST

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr Anju P. Kunjadiya	Cloning, Characterization And Functional Screening Of Industrially Important Novel Cellulose Encoding Genes From Bovine Rumen Microbial Community Using Metagenomics Approach	DBT, New Delhi	Rs. 77.354 Lakhs BT/PR12380/AAQ/1/610/2014	3 Years
Dr. Rakesh V. Patel, CISST (PI)	Synthesis and Characterization of Graphene based Nanocomposites	S. P. University, Vallabh Vidyanagar	Rs. 100,000/- Letter No. G-1/SEED GRANT/2016-17/(3)/1855 dtd 24/06/2016	1 Year 8 months
Dr. Rupal A. Vasant (PI)	Phyto- and Biochemical analyses of Suvarnaprashanam- an Ayurvedic preparation	SPU Seed Grant	Rs. 1,00,000/- No. G/1-Seed Grant/ 7320 dtd. 24/06/2016	1 Year 6 months
Dr.Kirtan P Dave (PI)	Development of Bioinformatics tools for Algae	SPU	Rs. 1,00,000/- G/1-seed grant/2016-17/(6)/1855 (24/06/2016)	1 Year 6 months

### DEPARTMENT OF COMPUTER SCIENCE

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr Biraj Patel / Dr Dipti Shah	Designing Model for Product based Search Engine	SEED GRANT, S P University	Rs. 1,00,000/-	1 Year
Dr Hardik Pandit / Dr Dipti Shah	Design and implementation of the model of Decision Support System for selection of Research Topic	SEED GRANT, S P University	Rs. 1,00,000/-	1 Year
Dr. Paresh V Virparia & Mr. Hardik Vyas	Development of a Tool for the Conversion of Braille to Gujarati Text for assisting Visually Impaired people	GUJCOST, Gandhinagar	Rs. 84,000/-	2 Years

### DEPARTMENT OF ELECTRONICS

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr. Vibha S. Vaishnav Co-Investigator	“Effects of Yoga Nidra on Well Being of School Children”	Sanctioning agency: H M Patel Centre for Medical Education and Research (Karamsad)	No Financial Assistance was asked (All expenditure borne by P.I.)	February 21, 2017 onwards For 1 Year
Dr. Shahera S.Patel	Synthesis and Characterization of Nanostructured Ternary ( I-III-VI <sub>2</sub> ) Chalcopyrite Semiconductor for Device Applications	S.P.University (SEED GRANT)	Rs.1,00,000/- No.G / 1 – Seed Grant / 2016-17/(1)/1855 dated 24-6-2016	18 Months

### DEPARTMENT OF PHYSICS

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Prof. P C Vinodkumar	Exotic hadrons and study of their characteristic decay properties	DST (SERB)	Rs. 19,39,500/- EMR/2015/001534 dated 22-	2016 - 2019

			03-2016	
Prof. S. H. Chaki(P.I.)/ Prof.M.P.Deshpande(Co- Investigator)	Synthesis and characterization of semiconductor metal sulfide thin films by solution techniques	Gujarat Council on Science and Technology (GUJCOST), Gandhinagar	Rs. 3,00,000/- Sanction Letter No.: GUJCOST/MRP/20115- 16/2608 date 28/03/2016.	Two Years

**(B) ECONOMIC SCIENCES**

**Ongoing Reserch Projects Undertaken and Grants Received by the Teachers of Economic Sciences Postgraduate Departments in 2016-2017**

No.	Departments	No. of projects	Amount(Rs.)
1	MBA	02	36,90,000
2	Economics	07	1,37,00,000
	<b>Total</b>	<b>09</b>	<b>1,73,90,000</b>

**DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)**

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Dr. Yogesh C Joshi Dr. Rajnikant Patel Dr. Darshana R. Dave	KAP Baseline survey and End line survey	Election Commission of India	Rs. 33,00,000/- Date 03/03/2017 No. ELC-102017-2727-CHH (SVEEP)	2016-2017 2017-2018
Dr. Yogesh C Joshi	A Study of Skills and Capabilities of Youth in Rural Areas of Gujarat	Rajiv Gandhi National Institute of Youth Development, Sreepermbudur, Tamil Nadu	Rs. 3,90,000/- RGNIYD F.No. RG/527/2016 ACD-12&22/Aug/2016	2016-2018

**AGRO-ECONOMICS RESEARCH CENTRE**

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
S. S. Kalamkar and	Assessment of the Status of Dairying	Ministry of Agriculture &	Ministry of Agriculture, GOI -Office	12-15 months



H. Sharma	and Potential to Improve Socio Economic Status of the Milk Producers and Convergence of all Central and State schemes at district level in India	Farmers Welfare, Government of India, New Delhi	Memorandum dated Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)	
M. Swain, S.S. Kalamkar and H. Sharma	Working of Pressurized Irrigation Network Systems (PINS) in India	Ministry of Agriculture & Farmers Welfare, Government of India, New Delhi	Ministry of Agriculture, GOI -Office Memorandum dated Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)	12-15 months
S. S. Kalamkar and M. Swain	Study on Causes of Farmers Suicides In Gujarat	Ministry of Agriculture & Farmers Welfare, Government of India, New Delhi	Ministry of Agriculture, GOI -Office Memorandum dated Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)	12 months
S. S. Kalamkar, S. R. Bhaiya, M. Swain and H. Sharma	Pilot Study for developing state level estimates of crop area and production on the basis of sample sizes recommended by Prof. Vaidyanathan Committee Report - Gujarat State	ICAR-Indian Agricultural Statistics Research Institute (IASRI), Pusa, New Delhi	IASRI Sanction Letter dated 13.05.2016 (No.14 (03)/2015-Admin.I (part)- First Installment (Rs. 82.35 lakh) Total Project Cost Rs. 137.00 Lakh	12 months
Mrutyunjay Swain	Preparation of database on 15 Major Indicators of Agricultural Performance in Gujarat and Rajasthan (2016-17)	Ministry of Agriculture, Govt. of India, New Delhi	Minor (< 5 lakh)	12 months
S.S. Kalamkar, S. R. Bhaiya, M. Swain & H. Sharma	Impact Evaluation Study of National Horticulture Mission (MIDH) -Gujarat, Rajasthan , MP & MS	Institute for Social and Economic Change (ISEC) SEC, Bangalore (Ministry of Agriculture & Farmers Welfare, GOI)	Minor (< 5 lakh)	12 months
Mrutyunjay Swain	Preparation of database on 15 Major Indicators of Agricultural Performance in Gujarat and Rajasthan (2017-18)	Ministry of Agriculture, Govt. of India, New Delhi	Minor (< 5 lakh)	12 months

### (C) LANGUAGES

#### Ongoing Research Projects Undertaken and Grants Received by the Teachers of Languages Postgraduate Departments in 2016-2017

No.	Departments	No. of projects	Amount (Rs.)
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1	Gujarati	05	43,52,100
	<b>Total</b>	<b>05</b>	<b>43,52,100</b>

#### DEPARTMENT OF GUJARATI

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
Prof Dr. Pinakini Pandya	Feminist Stylistics: a study of the Female language of Autobiography Mukti Vrutant By Himanshi Shelat	Women Study Center Sardar patel Uni.	Rs. 15,000/-	1 Year
Param Pathak	UGC DRS SAP – I (DEPARTMENTAL PROJECTS)	UGC, New Delhi	F.NO-5.9/DRS-I/2016 (SAP-III) Rs. 10,50,000/-	Five Years
Prof Dr. Param Pathak	Digital Dictionary of published folktales of Gujarati and Rajasthan	UGC, New Delhi	Rs. 11,87,100/-	3 Year
R.V. Chaudhari	UGC DRS SAP – I (DEPARTMENTAL PROJECTS)	UGC, New Delhi	F.NO-5.9/DRS-I/2016 (SAP-III) Rs. 10,50,000/-	Five years
Sudha Chauhan	UGC DRS SAP – I (DEPARTMENTAL PROJECTS)	UGC, New Delhi	F.NO-5.9/DRS-I/2016 (SAP-III) Rs. 10,50,000/-	Five years

### (3)Research Projects Completed InPostgraduate Departments

#### (I) An Overview

No.	Departments	No. of projects	Amount (Rs.)
1	Basic Science	09	4,92,68,570
2	Economics Science	08	42,86,150
3	Social Sciences	01	8,02,100
	<b>Total</b>	<b>18</b>	<b>5,43,56,820</b>

#### (II) Departments wise Research Projects Completed Details

##### (A) Basic Sciences

**Research Projects Completed and Grants Received by the Teachers of Basic Sciences of Postgraduate Departments in 2016-2017**

No.	Departments	No. of projects	Amount
1	Biosciences	03	3,62,50,399
2	Chemistry	03	1,19,01,371
3	Pharmaceutical Science	02	-
4	Physics	01	11,16,800
<b>Total</b>		<b>09</b>	<b>4,92,68,570</b>

#### DEPARTMENT OF BIOSCIECNES

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Latter No. & Date	Duration	Date of Completion
1. Prof. Datta Madamwar, Coordinator Prof. R. B. Subramanian, PI Prof. Haresh Kumar Keharia, PI	Molecular and '-omics' technologies to gauge microbial communities and bioremediation of xenobiotic contaminated sites As Centre of Excellence and Innovation in Biotechnology	Department of Biotechnology, New Delhi	Rs. 3,36,57,000/-	5+1 = 6 years	Sept. 2016
2. Prof. Datta Madamwar, PI	Molecular assessment of bacterial community structures of long term oil contaminated soil and screening of lipase producers for lipase production and their application in ester synthesis in organic solvents	UGC, New Delhi	Rs. 13,55,800/-	3+1 = 4 Years	31 <sup>st</sup> March 2016
3. Prof. Datta Madamwar, PI	Mapping of Research outcome and development of compendium in the area	Department of Biotechnology, New	Rs. 12,37,599/-	1year 6 months	May 2016

	remediation of dye/dye intermediates and textile industrial waste.	Delhi			
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#### DEPARTMENT OF CHEMISTRY

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration	Date of Completion
Dr. N. J. Parmar	A search for biomolecules of pharmaceutical interest via domino synthetic strategies	SERB, DST, New Delhi	Rs. 5,50,000/-, letter dated 11-03-2016 SB/EMEQ-404/2014	2016-17 (One year)	31.03.2017
Dr. S. S. Soni	Scaling up of Dye Sensitized Solar Cell Fabrication	DST, New Delhi	Rs. 87,58,816/-	2014- 2016	31 <sup>st</sup> August 2017
Dr.K. R. Surati/ Prof. P. K. Iyer	Highly efficient Phosphorescent Iridium (III) and Zn(II) Mixed Ligand Complexes for OLEDs: Fabrication and it's Application	DST(TSG), New Delhi Major research project	Rs. 25,92,555/- DST/TSG/PT/194G dated 31/03/2015 (Extended)	3 Years	31st March 2016

#### DEPARTMENT OF PHARMACEUTICAL SCIENCE

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration	Date of Completion
Dr. Mrs. Bhavna Patel	Modern Analytical Techniques Used For The Standardization of the Herbal Drugs	Sardar Patel University Seed grant	G/Seed Grant/ 2015-16/ 6583	1 Year	March 2017
Miss S. J. Parmar	Development And Validation of Analytical Methods For Estimation of Phytoconstituent from Medicinal Plant	Sardar Patel University Seed grant	G/Seed Grant/ 2015-16/ 6584	1 Year	March 2017

## DEPARTMENT OF PHYSICS

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration	Date of Completion
Prof. M. P. Deshpande	Synthesis and characterization of V <sub>2</sub> - VI <sub>3</sub> compound in single crystal/nanomaterial/thin film forms	UGC, New Delhi	Sanctioned letter F. No. 42-826/2013(SR) dated :22 March 2013.  AMOUNT : Rs. 11,16,800/-	1/4/2013 to 31/3/2016 Note:Project was extended upto 31/3/2017 without any financial assistance.	31/03/2017

## (B) Economic Science

### Research Projects completed and Grants Received by the Teachers of Economic Sciences and Social Science of Postgraduate Departments in 2016-2017

No.	Departments	No. of projects	Amount
1	Business Management (MBA)	02	5,01,150
2	Economics	01	-
3	Agro-Economics Research Centre	05	37,85,000
<b>Total</b>		<b>08</b>	<b>42,86,150</b>

## DEPARTMENT OF BUSINESS MANAGEMENT (MBA)

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration	Date of Completion
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Dr. Yogesh Joshi Dr. Raju M. Rathod	District Human Development Report of Panchmahal District	Government of Gujarat	Rs. 4,59,650/-	2011-2016	December 2016
Vilas Kulkarni	Remedial programme for SC/ST/OBC (Non creamy) and Minority students	UGC – Gujarat University.	Rs. 41,500/-	1 Year	

## DEPARTMENT OF ECONOMICS

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Latter No. & Date	Duration	Date of Completion
Joshi, Y., H.P. Trivedi, D. Chauhan, R. Rathod, S. Mishra, <b>Sonal Bhatt</b> , B. Thomas, D. Raikundaliya	'District Human Development Report- Panchmahals'	Gujarat Social Infrastructure Development Society, (GSIDS), Gandhinagar			2017

## AGRO-ECONOMICS RESREACH CENTRE

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Latter No. & Date	Duration	Date of Completion
S. S. Kalamkar, H. Sharma & V. K. Boyal	Impact Assessment and Evaluation of Ration Balancing Program in Gujarat state	National Dairy Research Institute (NDRI), Karnal, Haryana	Rs. 2.85 lakh MOU dated May 1, 2015 Date submission Dec. 2016	1 ½ Year	Dec. 2016
S. S. Kalamkar and M. Swain	Study on Causes of Farmers Suicides In Gujarat	Ministry of Agriculture & Farmers Welfare, Government of India, New Delhi	Ministry of Agriculture, GOI -Office Memorandum dated Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)	1 ½ Year	Feb. 2017
M. Swain, S. S. Kalamkar and K. Kapadia	Working of Pressurized Irrigation Network Systems (PINS) in Gujarat	Ministry of Agriculture & Farmers Welfare, Government of India, New Delhi	Ministry of Agriculture, GOI -Office Memorandum dated Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)	1 ½ Year	March 2017
M. Swain, Hemant	Working of Pressurized Irrigation	Ministry of Agriculture &	Ministry of Agriculture, GOI -Office	12 months	Feb. 2017

Sharma and Manishkant Ojha	Network Systems (PINS) in Rajasthan	Farmers Welfare, Government of India, New Delhi	Memorandum dated Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)		
Mrutyunjay Swain	Preparation of database on 15 Major Indicators of Agricultural Performance in Gujarat and Rajasthan (2016-17)	Ministry of Agriculture, Govt. of India, New Delhi	Minor (< 5 lakh)	12 months	March 2017

**(C) Social Science**

**Research Projects completed and Grants Received by the Teachers of Economic Sciences and Social Science of Postgraduate Departments in 2016-2017**

No.	Departments	No. of projects	Amount
1	Department of Sociology	01	8,02,100
<b>Total</b>		<b>01</b>	<b>8,02,100</b>

**DEPARTMENT OF SOCIOLOGY**

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Latter No. & Date	Duration	Date of Completion
Dr.RH.Makwana	An Impact of Tribal Sub-Plan Schemes on the Tribal Community: A Sociological Study	UGC	F.5-441/2013(HRP) Dated.19-03-2013 Amount-.Rs. 8,02,100/-	1-4-2015 to Two years	Completed in Jun-2016

**(4) Ph.D.Programme**

University Postgraduate Departments have a strong Ph.D. Programme. This programme is integral to our research efforts. The Ph.D.Programme is intended to be a training programme that enables a researcher to work on his/her research independently. University seeks a balance between scholarship and research contribution of a Ph.D. scholar by ensuring that he/she engages in an extensive study in the beginning before embarking on a specific research problem. Our Ph.D. programme has been designed in such a way that any research scholar wishing to pursue further research can choose whether he/she wishes to do it full-

time for a minimum of three years or part-time for a minimum of 5 years. The University has a Ph.D. Programme in affiliated PG Centres and recognized research centres too. A Research Committee in the subject concerned monitors the Ph.D. Programme in each subject. We are happy to report that we have made a provision for an interdisciplinary Ph.D. programme, which is jointly monitored by the Research Committees in the respective subject/s.

In accordance with the guidelines issued by the University Grants Commission, New Delhi, the University has introduced the entrance test and students counselling by the Departmental Research Committee for candidates seeking admission to Ph. D. .A course work of 9 credit including course on research methodology in each subject is made compulsory for Ph. D. students in each faculty.

#### **Ph. D. Students Guided (Completed) In University Postgraduate Departments**

##### **(I) Overview**

<b>Sr No.</b>	<b>Departments</b>	<b>Ph. D. Guided(Completed)</b>
1	Basic Sciences	53
2	Economic Sciences	20
3	Social Sciences	20
4	Languages	26
	<b>Total</b>	<b>119</b>

##### **(II) Ph. D. Programmes of Postgraduate Departments**

##### **(A) Basic Sciences**

#### **Ph. D. Students Guided (Completed) by the Teachers of Basic Sciences of Postgraduate Departments in 2016-2017**

<b>Sr No.</b>	<b>Departments</b>	<b>Ph. D. Guided(Completed)</b>
1	Bioscience	17
2	Chemistry	11
3	Computer Science	02
4	Materials Science	02
5	Mathematics	06
6	Home Science	04
7	Physics	09
8	CISST	02



Sr No.	Departments	Ph. D. Guided(Completed)
	Total	53

#### DEPARTMENT OF BIOSCIENCES

Name of the Teacher	Name of the student	Title of the Thesis	Date of Awarded of the Degree	Full Time/ Part Time
Prof.Datta Madamwar	Sagar Vaidya	Molecular analysis of culturable bacteria of long term polluted Amlakhadi canal, Ankleshwar, Gujarat and application of enriched consortia for degradation of polycyclic aromatic hydrocarbons(PAHs)	7 <sup>th</sup> June 2017	Full Time
	Vrutika Patel	Study of microbial diversity inhabiting long term oil contaminated soil and immobilization of lipase on nanoparticles: a tool for biocatalytic synthesis of various fragrance and flavor compounds	21 <sup>st</sup> May 2016	Full Time
	Avinash Narayan	Molecular assessment of microbial community structure and functional attributes in saline ecosystem of Rann of Kutch	31 <sup>st</sup> Dec. 2016	Full Time
	Ravi Sonani	A structure based functional analysis of cyanobacterial light harvesting proteins and their prospective therapeutic applications	28 <sup>th</sup> June 2017	Full time
Dr.R.B.Subramanian	Anand B. Patel	High Throughput sequencing for variant detection in Buffalo breeds of Gujarat	10-02-2017	Full time
	Hetal Panchal	Screening and identification of potential plant species as a source of novel metallothionein genes for phytoremediation	31-12-2016	Full time
Dr.J.S.S.Mohan	Dhananjay Patel	Induction of systemic acquired resistance in <i>Cuminum cyminum</i> L. (cumin) against <i>Alternaria burnsii</i> and <i>Fusarium oxysporum</i> f. sp. <i>cumini</i> derived elicitors.	23-9-2016	Full time
	Ali Ahmed Ben Ahmed	Screening of medicinal plants for their antibacterial activities and characterization of bioactive compounds.	23 March 2017	Full time
	Dhruti A. Amin	Evaluation of physiological effects of biocontrol agents in some crop plants	21 March 2017	Full time
Dr. Sujata Bhatt	Sarasvati M. Sukhanandi	“An investigation into the effect of fermented and probiotic supplemented agrobased feed on growth, metabolism and defense mechanism in carp”	3 <sup>rd</sup> March 2017	Part time
Dr.Amita Shah	Harshvadan Patel	Microbial production of hemicellulolytic enzymes for bioconversion of plant lignocelluloses and their application	January 2017	Full time

	Avinash Narayan	Molecular assessment of microbial community structure and functional attributes in saline ecosystem of rann of kachchh	December 2016	Full time
Dr. T.V. Raman Rao	Ms. Nilanjana S.Baraiya	Improvement of health promoting properties and enhancement of shelf life of short lived tropical fruits and vegetables by using some innovative postharvest technologies	15/03/2017	Full Time
Dr. V.R. Thakkar	Ravi Patel	Elicitation and characterization of Induced systemic resistance in <i>Arachis hypogaea</i> by plant growth promoting rhizobacteria against <i>Aspergillus niger</i>	17/03/2016	Full Time
	Parth Thakor	Investigation of novel apoptosis-inducing substances and their mode of action	27/09/2017	Full Time
	Tekalign Kejela	Screening of phyto-beneficial bacteria from <i>Coffea arabica</i> L. rhizosphere and their effect as biocontrol	13/10/2017	Full Time
Dr. Ujjval Trivedi	Sanket Ray	Microbial Production and Characterization of Polyhydroxyalkanoates (PHAs) from Agroindustrial Wastes and Its Biodegradation	June 2017	Full time

#### DEPARTMENT OF CHEMISTRY

Name of the Student	Title of the Thesis	Date of the Award of the Degree	Full Time/ Part Time
Dipak K. Singh	Novel Systems for Drug Solubilization and Release Systems	August 2017	Full Time
Pankaj A. Vekariya	Synthesis, Characterization and Biological Screening of Mixed-Ligand Copper(II), Rhodium(III) and Iridium (III) Derived From Biologically Active Heterocycles.	03/10/2016	Full time
Jugal V.Mehta	Biological Interphase Of Heterocycles Based Coordination Compounds.	03/01/2017	Full time
Nileash D. Vala	Synthesis, characterization and biological Exploration of some new derivatives based on 1H-Pyrazole and N-Allyl Quinolone	Sep 2016	Full Time
Gaurav G. Ladani	Novel heterocyclic derivatives bearing quinoline nucleus: Synthesis, Characterization and pharmacological evaluation.	Oct 2016	Full Time
Tushar R Sutariya	Access to some Heterocyclic Frameworks of Biological interest via Azomethine ylide- and Oxabutadiene- triggered Synthetic approaches	19.05.2016	Full time
Bhagyashri D Parmar	Domino Strategies via Knoevenagel/ Claisen-Schmidt transformations: synthesis and biological studies of some new pyran- and thiopyran-heterocycles	06.06.2016	Full time
Jayraj V. Vaghasiya	Design and synthesis of heterocyclic sensitizers, solid state electrolytes and nanostructured and photoanode for Dye sensitized solar cells	21/04/2017	Full Time
A.C. Vamja	Synthesis and Characterization of Phosphorescent Mixed Ligand Complexes for Organic Light Emitting Diodes.	14/09/2017	Full Time

P. A. Sathe	Antioxidant and Antimicrobial Activities of some Schiff Base Pyrazolone Derivatives.	Thesis submitted	Full Time
Arvind V. Chourasia	Studies in Photo-Induced Potential Graft Copolymers of Sodium salt of Partially Carboxymethylated Sodium Alginate	Notification no. E-6/Ph.D./4378 dtd. 31/12/2016	Full Time

#### DEPARTMENT OF CISST

Name of the Teacher	Name of the Student	Title of the Thesis	Date of the Award of the Degree	Full Time/ Part Time
Dr Anju P. Kunjadiya	Yati Vaidya	Insight into the microbial diversity of healthy human milk	Date of Notification: 17/11/2017	Full Time
	Shriram Patel	Culture dependent and independent assessment of breast milk microbiome associated with acute and subacute mastitis	-	Full Time

#### DEPARTMENT OF COMPUTER SCIENCE

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Dr Dipti Balmukund Shah	25-Nov-2016	Chirag Indravadanbhai Patel	Vehicle owner identification model based on Intelligent Optical Character Recognition (IOCR) and Windows Communication Foundation (WCF) Services in Indian conditions	Part Time
Dr.Pareshkumar Vallabhdas Virparia	September 2016	Ms. Jigisha Patel	Accent Based Speech Recognition of Gujarati Language	Part Time

#### DEPARTMENT OF HOME SCIENCE

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
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Dr. V. H. Patel	2016	Bhavna Chauhan	Dietary flavonoids intake and its relation with plasma antioxidant capacity among the population of Vallabh Vidyanagar- semi urban population	Part Time
	15.10.2016	Bhumi Parikh	Analysis of Indian foods for their total phenols and total antioxidant capacity to develop a database	Full Time
Dr. Rema Subhash	2016	Pratiksha Patel	Immobilization of probiotic microorganisms on food matrices and their efficacy in the preparation of fermented dairy products	Full Time
Dr. Namrita Kola	8/8/2016	Mosmi bahen L. Rupareliya	Application of Silicone finishes to enhance performance of textiles	Full Time

#### DEPARTMENT OF MATERIAL SCIENCE

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Prof.L.M.Manocha	07/02/2017	Pratipalsinh Andubhai Rayjada	Study of $\text{Er}_2\text{O}_3$ Film Deposition by Different Techniques for The Fusion Reactor Applications	Part time
Dr.R.H.Patel	27/03/2017	Kaushal S. Patel	Studies on Flame Retardant Polymers Based on Polyurethane-Ester Systems	Full Time

#### DEPARTMENT OF MATHEMATICS

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
H V Dedania	30/09/2016	H J Kanani	Spectral and Uniqueness Properties in Various Banach Algebra Products	Part Time
H V Dedania	14/12/2016	M K Kansagara	Uniqueness and Regularity Properties in Vector-Valued Beurling Algebras in LCA Groups.	Part Time
G B Deheri		N D Patel	Theoretical Analysis of Some Problems in Lubrication	Part Time

G B Deheri		J R Patel	Mathematical Modeling of some Tribological Problems in Lubrication	Full Time
H S Mehta		D R. Patel	A study of Product of Banach Algebras and Function Algebras	Full Time
S J Bhatt and D J Karia	January 2017	M M Shah	A Study of Some Aspects of Smooth Subalgebras of C*-algebras	Full Time

#### DEPARTMENT OF PHYSICS

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Prof. U.H.Patel	2016	Rinkesh A. Barot	X- Ray Crystallographic Investigations, ab initio MO calculations and docking studies of significant heterocyclic compounds	Full Time
Prof. U.H.Patel	2016	Sanjay M. Tailor	Synthesis, spectroscopic characterizations, biological activities and X-ray crystallographic investigations of transition metal complexes, polymorph and solvates of sulfonamides	Full Time
Prof. U.H.Patel	2016	Kijal D.Patel	X-ray crystallographic investigations, quantum chemical calculations, Hirshfeld surface analysis and molecular docking studies of significant sulfonamide derivatives	Full Time
Prof. U.H.Patel	2017	Pinal D. Patel	Molecular Structure and Supra Molecular Aggregation of Biologically Significant Pyrrole and Pyrido [2,3-d] Pyrimidine Derivatives– X-Ray Crystallographic Analysis	Full Time
Prof. P.C.Vinodkumar	30 <sup>th</sup> Nov 2016	Hardik Desai	Theoretical investigation of electron collision processes for molecules of varied intersets	Full time
Prof. P.C.Vinodkumar	31 <sup>st</sup> Dec 2016	Smruti J Patel	Study of characteristics and decay properties of exotic hadrons	Full time

Prof. V.M.Pathak	May,2016	Ebtesam Abdullah Eazzy Kadash	Synthesis and application of chalcogenides	Full time
Prof. V.M.Pathak	May,2016	Arwa Ahmed Salem Al Hattani	Preparation and characterization of II-IV semiconductor of thin film for optoelectronic and some electronic device applications	Full time
Prof. B.Y.Thakore	15-03-2017	Prakruti. G. Chaudhari.	Theoretical investigation of technologically important bulk metallic glasses and alkaline sulphides: Pseudopotentials and density functional theory	Part time

**(B) Economics Sciences**

**Ph. D. Students Guided (Completed) by the Teachers of the Economic Sciences of Postgraduate Departments in 2016-2017**

Sr No	Departments	Ph. D. Guided(Completed)
1	Business Studies	13
2	MBA	05
3	Agro-Economics Research Centre	02
<b>Total</b>		<b>20</b>

**DEPARTMENT OF BUSINESS STUDIES**

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Dr. S. K. Bhatt		CA Rajesh R. Khandol	Economic Development of Kutch After the Earth Quake of 2001 and Analytical Study of Major Growth Areas and Selected Institutions.	
		Parth R. Bhatt	A Study on Issues Related to Converging Indian Accounting Standards with International Financial Reporting Standards.	
Dr. P. K. Rathod	03/05/2016	Heena J. Padiya	Working Capital Management of Pharmaceutical Units in Gujarat.	

	27/06/2016	Bhavna B. Dabhi	A Study on Impact of Mergers And Acquisitions on Financial Performance of Selected Pharmaceutical Companies In India.	
Dr. C. K. Sonara	04/01/2016	Hetalben R. Thakar	An Indepth Study of Financial Analysis of Selected Fertilizer Companies in Gujarat.	
	30/01/2016	Ashav Patel	An Empirical study of the financial performance of selected district dairy co-operative in Gujarat.	
Dr. Y. M. Dalwadi	27/03/2017	Milan S. Shah	An Empirical Study of Factors Governing Behaviour of Individual Investor in Equity Market in India.	
Dr. P. R. Sheth	23/08/2016	Jignesh R. Trivedi	ation in Administration: A study onf selected Public and Private undertakings in Gujarat State.	
Dr. D. S. Mistry	21/7/2016	Pinchit Tangphanitawong	Human Resource Management: A Study of Organizational Culture and Organizational Effectiveness of selected Thai Universities Faculty	
	11/8/2016	Gurmeetsingh Sikh	A comparative study of Selected Mutual Funds and Insurance Products: An Investor's Perspective	
	07/02/2017	CA Anjali Mistry	A study of Derivative Trading Strategies in Indian Stock Market	
	07/03/2017	Megha Shah	An Empirical study of Forensic Accounting Practices and Audit Expectation Gap in India	
	31/03/2017	Hemendra Shah	Financial Sustainability in selected Microfinance Institution in Gujara: An Analytical Study	

#### DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Dr. Darshana R. Dave	5-04-2016	Komal Mistry	E banking: Level of Acceptance and satisfaction among consumers in the state of Gujarat	Part Time
	16-09-2016	Suresh Machhar	A study on usage pattern and satisfaction level of banking services in rural areas of Gujarat State	Part Time

	Thesis submitted	Brijesh Patel	A study of Consumer Behaviour and Supply Chain Management in organized and Unorganised Retail Stores: FMCG Sector in Gujarat	Part Time
Dr. P.K.Priyan	5 <sup>th</sup> May, 2016	Debaditya Mohanti	A Multimodel Test of Market Efficiency of Index Options: The Indian Evidence	Part Time
Dr. Vilas V Kulkarni	07/09/2016	Ms. Ranjana Dureja	A study of action research practices and the effectiveness of practioners in teacher training institute	Part Time

#### AGRO-ECONOMICS RESEARCH CENTRE

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Dr. S. S .Kalamkar Director & Professor AERC,SPU,VVN	August 12, 2016 (PDC) Symbiosis International University, Pune, Maharashtra	Raji Ajwani Ramchandani	Role of Microfinance in Women Empowerment: A Comparative Study of Rural and Urban Groups	Part Time
Dr. S. S. Kalamkar Director & Professor AERC,SPU,VVN	August 2016 (PDC) Gokhale Institute of Politics and Economics, Deemed University, Pune, Maharashtra	Varun Miglani	Economics of Contract Farming: A Case of White Onion and Chip-grade Potato Cultivation in Selected Districts of Maharashtra	Full Time

#### (C) Social Sciences

##### Ph. D. Student Guided (Completed) by the Teachers of Social Sciences of Postgraduate Department in 2016-2017

Sr No.	Departments	Ph. D. Guided(Completed)
1	Sociology	04
2	Psychology	05
3	Library & Information Science	01
4	Education	07
5	M B Patel College of Education	03
<b>Total</b>		<b>20</b>



## DEPARTMENT OF SOCIOLOGY

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Prof.Ramesh Makwana	08/08/2016	Bharat K.Macchi	The Role of Sakhimandal in the Development of Tribal Women : A Sociological Study	Full-time
	06/09/2016	Virendra R. Jadav	Truck Drivers and HIV/AIDS : A Sociological Study	Full-time
Dr.Jayprakash M.Trivedi		Rasila Usdadiya	A Study of Siddi Tribe	Part-Time
Dr.Ila M.Macwan	2016	Hansa Khristi	A comparative Sociological Study of Catholic and Protestant Christian	Full-Time

## DEPARTMENT OF PSYCHOLOGY

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Prof.S.M. MakvanaPh.D	No.E-6/Ph.D./2599 16/01/2016	Shankhesara Pratika. S.	“A study of Mental Health, Aggression, Anxiety and Adjustment among internet addicts and non addicts”	Part-Time
Prof.S.M. MakvanaPh.D	No.E-6/Ph.D./2599 13/06/2017	Rajendrakumar M.Parmar	A study of Adjustment, lifestyle and life satisfaction of Educated unemployed youth.”	Part Time
S.N. PathakPh.D	No.E-6/Ph.D./4959 07/02/2017	Deepa Sevak	A Study of Social Maturity, Self-Control and Adjustment of Higher Secondary School Students	Part Time
P.S. SuveraPh.D	No.E-6/Ph.D./4963 Date : 07/02/2017	Kiran A. Vaghela	Emotional Maturity, Life style, Insecurity and Psychological Well-being: A Comparative study of Government and Non-Government School Teachers	Full Time
P.S. SuveraPh.D	No.E-6/Ph.D./1071 Date : 14/06/2016	Sunil S. Jadav	A study of Human Right Awareness, Insecurity, Social freedom and Life Satisfaction among the women victims of Domestic Violence in urban and Rural Area	Full Time

### DEPARTMENT OF EDUCATION

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Dr. K.S. Likhia	07/07/2016	Swetang M. Patel	‘Effectiveness of constructivist approach in teaching science in primary level’	Part-time
Dr. K.S. Likhia	19/07/2016	Bhumika J. Barot	“School engagement self esteem and primary to secondary school	Part-time
Dr. K.S. Likhia	28/07/2016	Priyal M. Dalwadi	“A study of achievement in mathematics in relation to students motivational beliefs self regulation strategies and learning style”	Part-time
Dr. Pallavi P. Patel	04/08/2016	Dhwani D. Pandya	“Construction and standardization of intelligence test for upper primary students of Gujarat state in relation to certain variables”	Part-time
Dr. K.S. Likhia	09/09/2016	Gopal B. Bharwad	“A study of mental health of high school students in relation to spiritual intelligence and emotional intelligence”	Part-time
Dr. K.S. Likhia	17/02/2017	Roshani K. Pandya	“Effect of co-operative integrated reading and composition (CIRC) technique on reading writing skills in gujarati at primary level”	Part-time
Dr. M.K. Yagnik	23/03/2017	Sarika Chauhan	“Development and tryout of a programme on life skills education for pre science teachers”	Part-time

### M B PATEL COLLEGE OF EDUCATION

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Dr. N. D. Bharucha	May, 2017	Sweta Chauhan	Development & Try out of Learning Task Packages in Teaching of biology at class XI	Part Time
Dr. N. D. Bharucha	October, 2017	Sakina Kolsawala	Effectiveness of Dramatization and Comic strips in teaching of English to upper primary students	Part Time Co-guide with Dr. R. M. Diwan
Dr. N. D. Bharucha	October, 2017	Sahida Vohra	Effectiveness of Computer assisted learning programme for selected topics in Economics for std. XI.	Part Time Co-guide with Dr. R. M. Diwan

### DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Dr. N.D.Oza	29/11/2016	Miteshkumar Y. Pandya	Thesaurus Development for Indian Social Science Literature on Relational Database Management System and its Integration with OII	Part Time

### (D) Languages

#### Ph. D. Students Guided (Completed) by the Teachers of Language of Postgraduate Department in 2016-2017

Sr No.	Departments	Ph. D. Guided (Completed)
1	Gujarati	07
2	Hindi	11
3	English	08
<b>Total</b>		<b>26</b>

### DEPARTMENT OF GUJARATI

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Param Pathak	Dec. 2016	Ratilal Rohit	Gujarati Loksahityana Sanshodhan Sampadanma Parsionun Pradan	Part Time
	July 2016	Mahesh Solanki	Gujrati Sahitya PatrakaratvaKshetre Vijayray Vidhnu Pradan Ek Vishleshnatmak Abhyas	Part Time
Prof. Dr. Pinakini Pandya	March – 2016	Nitin Rathod	Paramparagat ane Aadhunikottar Tunki Vartama Deshivad: Ek Abhyas	Full Time
	March – 2016	Montukumar Patel	Gujarati Vivechanno Paribhashik Kosh: Shabdatantra antargat ek adhyayan (Synopsis Submitted)	Part Time
	March – 2016	Mukesh Kanani	Aadhunikottar Gujarati Kavita Pravah: Ek Abhyas (Synopsis Submitted)	Part Time
	March – 2016	Varsah Rohit	Gujarati tatha Hindi Bhashani Namik Ruprachana: Ek Tulnatmak Adhyayan (Synopsis Submitted)	Part Time

	March – 2016	Pinakin Joshi	Suresh Joshini Navalikaono Manovishleshnatmak Abhyas (Synopsis Submitted)	Part Time
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#### DEPARTMENT OF HINDI

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Dr. Dayashankar Tripathi	11/08/2016	Himmatsingh Chauhan	Ram Darsh Mishra Ke Upanyas : Ek Adhyayan	Part Time
	4/06/2016	Dinesh G. Solanki	Pragativad Aur Nagarjun Ka Kavya	Part Time
	3/01/2017	Dipika Bhatt	Subhadrakumari Chauhan Ka Samagra Sahitya : Ek Adhyayan	Part Time
Dr. Madanmohan Sharma	5/04/2016	Anil S. Chaudhri	Dr. Shankar Sheshke Natakon Me.....	Full Time
Dr. Dilip Mahera	5/07/2016	Devyani R. Mahida	Nari Chetana Aur Pragnya khetan Ke Upanyas	Full Time
	29/11/2016	Anu Pandey	Mrudula garg Ke katha-Sahitaya Me Parivarik Evam Samajik Jivan	Part Time
	26/12/2016	Daliben V. Chaudhari	Swa. Kathasahitya Aur Kathakar Mamata Kaliya : Ek Anushilan	Part Time
Dr. Seemaben Rathod	Synopsis Submitted	Bhavana Vagh	Narivimarsh Aur Malti Joshi Ke Upanyas : Ek Anushilan	Part Time
	Synopsis Submitted	Deepika Zala	Rahi Masum Raza ke Upanyaso Me Jivan Mulya	Full Time
	Work in Progress	Sangita Patel	Abhimanyu Anat Ke Chayanit Upanyas : Ek Adhyayan	Full Time
	Work in Progress	Mahesh Vaghela	Hindi Sahitya Me Vijaydan Debha Ka Yogdan	Part Time

#### DEPARTMENT OF ENGLISH

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full/ Part Time
Dr J H Khan	E-6/Ph. D. /986 dated 13.05.2015	Mr Jinoy Jose	Preparation and Trialling Out Short Term Courses for Undergraduate and in Sardar Patel University in Gujarat	Part Time
	E-6/Ph. D. /3993 dated 05.12.2015	Mr Sachin D Odwala	Evaluation of Learners' Performance on Select International Proficiency Tests in English	Part Time

	E-6/Ph. D. /978 dated 13.05.2015	Mr Vishal D Pandya	Pedagogical Concerns in the Management of English Language Teaching in Higher Education in India	Part Time
	E-6/Ph. D. /633 dated 23.04.2015	Ms Manroop S Dhingra	The Power of the Unconscious: A Deconstructive Study of Select Novels of Iris Murdoch	Part Time
	E-6/Ph. D. /4257 dated 30.12.2015	Ms Apexa B Dharankar	Translator's Creativity and Interpretive Community in Prose Translation	Part Time
	E-6/Ph. D. /5345 dated 14.03.2016	Mr Vishal V Bhadani	'Violence' and 'Space': Perspectives on Post 1970 Indian Novels on Communal Riots	Part Time
	E-6/Ph. D. /4477 dated 28.01.2016	Mr Samir J Dabhi	Teaching Language and Communication Skills in English: The Role of Modern Media Solutions	Part Time
	E-6/Ph. D. /2569 dated 29.09.2015	Mr Hassan Abd Jabar Naji (Iraq: Supernumerary)	Linguistic Deviation in Dickens's Novels: Stylistic Study	Full Time

**(2) Ph. D. Students Working Under the Teachers of the Department at Present**

**(A) Basic Sciences**

**Ph. D. Students Working Under the Teachers of the Department at Present**

Sr No.	Department	Ph. D. Students (Pursuing)
1	Biosciences	36
2	Chemistry	23
3	Computer Science	25
4	Home Science	13
5	Materials Science	06
6	Mathematics	15
7	Physics	05
8	Pharmaceutical Sciecne	01
9	CISST	02
<b>Total</b>		<b>126</b>

## DEPARTMENT OF BIOSCIENCES

Name of the Teacher	Name of the Student	Title of the Dissertation	Date of Registration	Full Time/ Part Time
Prof.Datta Madamwar	Ms. Jenny Johnson	Understanding the microbial responses to anthropogenic stress through 'omics' approaches	8 <sup>th</sup> April 2013 Registration No. 744 (Synopsis submitted)	Full Time
Prof.Datta Madamwar	Ms. Shivani Amin	Integrating metagenomics and bioremediation approaches to understand microbial response at sites contaminated with xenobiotics compounds	23 <sup>rd</sup> April 2014 Registration no. 732 (Synopsis submitted)	Full Time
Prof.Datta Madamwar	Neelam Devoura	Metagenome profiling and functional abundance of bacterial community residing at industrially contaminate site	23 <sup>rd</sup> April 2014 Registration No. 738	Full time
Prof.Datta Madamwar	Prachi Singh	Omics analysis of microbial life in hypersaline desert: Study of different metabolic pathways	12 <sup>th</sup> March 2015 Registration No. 1009	Full Time
Prof.Datta Madamwar	Avani Patel	Analysis of microbial diversity and functional abilities of native community in environment contaminated through ship breaking activities and <i>in situ</i> bioremediation for developing feasible remediation approach	12 <sup>th</sup> March 2015 Registration No. 1032	Full Time
Prof.Datta Madamwar (As Co-guide)	Ms, Hiral Patel	Assessing algal biodiversity in the gulf of Kutch for mining of therapeutically important biomolecules	15 <sup>th</sup> Oct. 2015 Registration No. 1205	Full Time
Prof.Datta Madamwar	Stuti Patel	Structural characterization and biomedical applications of Cyanobacterial phycobiliproteins	22 <sup>nd</sup> March 2016 Registration No. 1382	Full Time
Dr. K.C.Patel	Ajit M. Patel	Studies on lignolytic enzymes from natural fungal isolates.	12-05-2011	Part Time
	Joohi Pandya	Effect of PGPR on agriculturally important crops.	23-10-2013	Full Time
Dr. K.C.Patel	Ravi K. Shah	Activity based screening of bacterial enzymes for potential application and diversity of ciliates from rumen metagenome	17-10-2013	Full Time
Dr.R.B. Subramanian	Monica Noronha	Ethanobotanical database based screening and identification of antiplasmodial substances from plants	13-10-2014	Full time
	Suresh Mesara	Biochemical, physiological and molecular studies on the effects of Pyroclostrobin on Tomato ( <i>Lycopersicon esculentum</i> Mill.)	11-03-2015	Full time
PI: Dr. J. S. S. Mohan	Zalak M. Patel	Evaluation of physiological effects of biocontrol agents in Banana plant	10.10.2014 (Biotechnology)	Full time

	Khyati Bhatt	Study of Reproductive patterns and propagation methods in <i>Pheonix dactylifera</i> and <i>P. sylvestris</i>	12.12.2015 (Botany)	Full time
Dr. Haresh Keharia	Khushboo Rawal	Production, Purification and Characterization of Cyclodepsipeptides from <i>Isaria</i> Spp. NCIM 1302	17/10/2013	Full Time
	Sandhya Nanjani	Characterization of bacterial consortium for bioremediation of dye contaminated waste waters	13/10/2014	Full Time
Dr. Haresh Keharia	Nirali Fadke	Development of probiotics as biotherapeutic agents as colorectal diseases	12/10/2017	Full Time
	Riteshri Soni	Development Biocontrol agents against selected fungal plant pathogens	12/10/2017	Full Time
	Premexa Patel	Fermentation of selected food grains by edible fungi for alleviation of antinutrients	12/10/2017	Full Time
	Jigisha Dave	Microbial fermentation of legumes for enrichment of the nutritional properties	12/10/2017	Full Time
Dr. Amita Shah	Amisha Patel	Production and applications of holocellulolytic enzymes for bioconversion of lignocellulosic biomass into bioethanol	07/04/2015	Full time
Dr. T.V.Raman Rao	Ms. SonuSharma	Antioxidant enrichmentand antimicrobial protectionof fresh cut fruits using innovativeapproaches	30-04-2011	Full Time
	Ms. PinalB.Vyas	Improvementofnutritionalcharacteristics andextensionofshelflifeofperishable fruitsand vegetablesby u singpostharvestelicitorsandediblecoatings	14-11-2011	Full Time
Dr. T.V.Raman Rao	Ms. Sayali More	Optimization and evaluation of safe postharvest technologies for improvement of shelf life and quality maintenance of some short lived tropical fruits	12-12- 2015	Full Time
Dr. Vasudev Thakkar	Dilip Raval	-	12/03/2015	Full Time
	Maitry Prajapati	-	14/10/2015	Full Time
Dr. M. Natraj	Kaushik A. Jodhani	Evaluation of biosafe products as an alternate strategy to improve the postharvest quality and shelf life of some perishable horticultural produce	19 <sup>th</sup> October, 2013 (Synopsis Submitted)	Full Time
	Dhaval T. Patel	Production of microbial biosurfactant and their applications	19 <sup>th</sup> October, 2013	Full Time
	Dinesh S. Vasava	Micropropagation and study of secondary metabolites in callus culture of <i>Aegle marmelos</i>		Part Time

Dr.Ujjval Trivedi	Bhatt Bhumi M	Microbial production of amylases	20/10/2014	Full time
	Harsh Patel	Microbial lipases	11/03/2015	Full Time
	Radhika Patel	Microbial lipases	21 Oct 2015	Full Time
	Hiral Patel	Cynobacterial biodiversity	21 Oct 2015	Full time
	Shama Desai	PHA production and degradation	12 march 15	Part time
Dr.Ujjval Trivedi	Himanshu Mali	OPH engineering	17 april 17	Full time
Dr.Ujjval Trivedi	Bhatt Bhumi M	Microbial production of amylases	20/10/2014	Full time

#### DEPARTMENT OF CHEMISTRY

Name of the Student	Title of the Dissertation	Date of Registration	Full Time/ Part Time
Pooja Trivedi	Synthesis,thermal and colloidal aspects of ionic liquids	15 <sup>th</sup> November,2015	Full Time
Miral V. Linagariya	Evolution of platinum based drug as an artificial Metallonuclease	23 <sup>rd</sup> October,2013	Full time
Darshna N. kanthecha	DNA interaction and biological activity exerted by gold(III) complexes	9 <sup>th</sup> October,2014	Full time
Bharat H. Pursuwani	Studies on some biologically active heterocyclic compounds and their metal complexes	5 <sup>th</sup> March,2015	Full time
Reena R.Varma	Synthesis of biologically active coordination compound and its application	16 <sup>th</sup> October,2015	Full time
Nikita J. Patel	Synthesis and characterization of metal based drug biologically active agent.	23 <sup>rd</sup> March,2017	Full time
Jayvirsinh D. Gohil	Design and synthesis of new heterocyclic compounds for medicinal applications.	22/10/2013	Full Time (Ph. D. Awarded)
Haresh B. Patel	Design of new heterocyclic compounds and their evolution for potential drug applications.	22/10/2013	Full Time (Ph. D. Awarded)
Ankitkumar J. Patel	Design, synthesis and characterization of new heterocyclic compounds and their medicinal applications.	07/04/2014	Full Time( Synopsis submitted)
Pratibha Prasad	Studies of heterocyclic compounds for medicinal applications.	09/10/2014	Full Time



Pratik G. Shobhashana	Studies on New Heterocyclic compounds for their potential pharmaceutical Applications	05/03/2015	Full Time
Roshni D. Hingrajiya	Synthesis and characterization of derived heterocyclic compounds and their potent pharmaceutical applications.	23/03/2017	Full Time
Anirudhdha G. Kalola	Design and synthesis of new medicinally active heterocyclic compounds and their biological evaluation.	23/03/2017	Full Time
Gaurangkumar C. Brahmbhatt	Synthesis of some new polycyclic heterocycles of biological interest via Domino strategy.	09/10/2014 (R. No.: 875)	Full Time
Bhavikkumar Narendrakumar Joshi	Access to new bioactive heterocycles via azomethine ylide— and Oxabutadiene—triggered synthetic approaches	22/03/2017 (R. No.: 1379)	Full Time
Hiralben Dilipkumar Atara	Access to new bioactive polyheterocycles via efficient synthetic methodologies	24/03/2017 (R. No.: 1378)	Full Time
Mayank G. Sharma	Synthesis of Novel Heterocyclic Compounds Using Multi-Component Reactions And Their Biological Evaluation	15/10/2015	Full Time
Ruturajsinh Vala	Green synthesis of biologically active compounds using one step reaction from diverse heterocyclic scaffolds	22/03/2017	Full Time
Divyang M Patel	Development of novel heterocyclic compounds using multi component reactions and their biological evaluation	22/03/2017	Full Time
Mr. Keval K. Sonigara	--	25/10/2013	Full Time
Miss. Jyoti Prasad	--	26/11/2015	Full Time
Mr. Hiren Machhi	--	22/03/2017	Full Time
Meha Prajapati		10 <sup>th</sup> Oct 2014	Full time

#### DEPARTMENT OF CISST

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Dr Anju P. Kunjadiya	18/03/2017	Mrs Anuradha Rohinkar	Isolation, screening and characterization of lignocellulolytic microbes from rumen liquor and fecal sample	Full Time
		Munni Khatoon	Metagenomic fosmid library construction and screening of lignocellulolytic enzyme derived from cattle rumen microbiome	Full Time

## DEPARTMENT OF COMPUTER SCIENCE

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Dr Dipti Balmukund Shah	02-01-2012	Sindha Parul	A Color and Shape based real time traffic sign detection and recognition system	Part time
Dr Dipti Balmukund Shah	30-09-2014	Raina Garevar	Comprehensive use of Social Network Analysis for Terrorist Network Mining	Part time
Dr Dipti Balmukund Shah	01-10-2014	Shreya Bhavsar	Multilingual Multimedia Based Crop Disease Management System using Mobile Technology	Part time
Dr Dipti Balmukund Shah	27-02-2015	Jinal Tailor	Design and Implementation of Speech Recognition Algorithm for Gujarati language	Part Time
Prof. (Dr.) D.B.Choksi	Re-regd. 22-11-2013	Mr. Bharat B Patel	Software Metrics for Object Oriented Tools	Part time
Prof. (Dr.) D.B.Choksi	11 <sup>th</sup> March, 2012	Mr. Bhavin Dilipkumar Shah	Exploring Data Management Techniques Using Non-Relational Data Model for Academic Databases	Part Time
Prof. (Dr.) D.B.Choksi	19 <sup>th</sup> February, 2014	Mr. Dhavat Bhupendrakumar Shah	Design of Architectural Framework for SEO Monitoring System to Accomplish Product-based Semantic Search	Part Time
Prof. (Dr.) D.B.Choksi	Re-regd. 24-07-2014	Jignesh V.Smart	Design of a New Programming Language	Part Time
Prof. (Dr.) D.B.Choksi	27-08-2010	Rupal D. Bhatt	Load Balancing and Resource Management Daemons for Performance Analysis on Computer Clusters	Part Time
Dr.Pareshkumar Vallabhdas Virparia	March– 2013	Mr. Navtej Bhatt	An Empirical Study on Irrigation Project of Saurashtra Region for better Productivity in Agriculture through Water Demand Forecasting – a Data Mining Technique	Part time
Dr.Pareshkumar Vallabhdas Virparia	Jan – 2014	Mr. Pankaj Parsania	Image Scaling Techniques using Parallel Computing	Part time
Dr.Pareshkumar Vallabhdas Virparia	October - 2014	Mr. Hardik A. Vyas	Gujarati Braille recognition and transliterates into text to assist visually impaired people	Part time
Dr.Pareshkumar Vallabhdas Virparia	April – 2016	Ms. Mona Yogeshbhai Joshi	Reusable Learning Object Repositories using Fuzzy XML Rules	Part time
Dr. Priti Srinivas Sajja	March 2013	Nilay M Vaidya	Design of an intelligent virtual collaborative learning environment	Part time

Dr. Priti Srinivas Sajja	March 2013	Monika M Patel	Study and evaluation of watermark extraction techniques using computational intelligence	Part time
Dr. Priti Srinivas Sajja	January 2014	Pravin R Patel	Development of text-to-speech (TTS) synthesizer for Gujarati language	Part time
Dr. Priti Srinivas Sajja	October 2014	Krunal Khurana	Design of knowledge based system for intrusion detection using fuzzy human behavior anomaly	Part time
Dr. Priti Srinivas Sajja	January, 2013	Rima M Shah	Privacy and security management in cloud environment	Part time
Dr. Priti Srinivas Sajja	November 2015	Sazia Saiyad	Hybrid genetic fuzzy system for text summarization	Part time
Dr. Prashant P. Pittalia	08/12/2014	Mr. Boricha Mahavirkumar Bhikhubhai	Synchronize Data among Mobile Devices Using Infrastructure-less Wireless Networks	Part Time
Dr. Hardik Bhalchandra Pandit	17/11/2015	A. Anuradha	Analysis and Design of a Multidimensional Approach for Enhanced Security in Cloud Computing using Image Steganography	Part Time
Dr. Birajkumar Vasudev Patel	27/03/2017	Kaushika Chandrakant Pal	Multiclass Classification of Hindi Poem based on Sentiments	Part Time
Dr. Birajkumar Vasudev Patel	27/03/2017	Ashish Prataprai Joshi	Stream Data Mining: A model for real-time knowledge discovery	Part Time
Dr. Jeegar A Trivedi	19-10-2015	Bhatt Pankti Purarinath	Real Time Automatic Decision Making for Driving using Sensors and Neuro-Fuzzy Approach	Full Time
Dr. Jeegar A Trivedi	27-03-2017	Bhavsar Hemina Chandrakantbhai	Indian Sign Language Recognition System For Deaf and Dumb People Using Image Processing With Neuro – Fuzzy Approach	Part Time

#### DEPARTMENT OF HOME SCIENCE

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Dr. V. H. Patel	03/10/2013 (Synopsis Submitted- Oct 2017)	Anu Mishra	Development and evaluation of dietary supplement and functional foods for diabetics	Full Time
	03/10/2013 (Synopsis Submitted-	Hinal Patel	Anti-inflammatory activity of selected plant material	Full Time

	Oct 2017)		against diet induced obesity in adult albino rats	
	09/10/2015	Khushbu Dalwadi	Effect of amla and tamarind leaves extract on molecular targets related to secondary complications of hyperglycemia in chemically induced diabetic rat model	Full Time
	05/05/2008	Shazia Sharma	Soybean as a functional food for post menopausal women	Part Time
	19/03/2014	Tanvi Makwana	Effect of different elicitors on the antioxidant potential and inhibition of enzymes activity on different cultivars of commonly consumed selected germinated pulses	Part Time
	17/06/2011 (Completed in March,2017)	Vincenta Khristi	The functional assessment of selected Indian medicinal plants on metabolic syndrome induced by high fructose diet in rats	Full Time
Dr. Rema Subhash	05/11/2012	Minal Chauhan	Development of functional food for the prevention of osteoporosis	Part Time
	21/03/2014	Tejshree Trivedi	Effect of intervention programs for the prevention of under nutrition in children aged from 6 months to 6 years	Full Time
Dr. Namrita Kola	15/10/2013	Harbinder kaur	Revival of languishing Traditional Textile Crafts of Ahmedabad district	Part Time
	30/09/2014	Alpana Shah	A Study on the recycling of post producer textile waste generated by industries.	Part Time
	15/10/2015	Poonam Oza	Seam Quality: An effect of thread size, stitch-seam type on woven and knitted fabrics.	Full Time
Dr. Neeta Dave	13/10/2015	Revati Shah	Prevalence of Dietary and Metformin induced Vitamin B-12 Deficiency among adult population of Vallabh Vidhyanagar - Gujarat	Full Time
	23/11/2015	Vimal Jayswal	Evaluation Of Nutraceutical Properties Of Underutilized Leafy Vegetable ' <i>Basella Alba</i> ' For Its Application In Foods	Full Time

#### DEPARTMENT OF MATERIALS SCIENCE

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
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Dr. Miss. R. H. Patel	23/11/2012	A.V.Hirani	Studies on flame retardant polymer blends based on polyesterurethane-epoxy resin systems	Synopsis submitted
Dr. Miss R. H. Patel	12-03-2015	V.R.Sevkani	Studies on flame retardant vinyl ester resin systems	Full time
Dr. Miss. R. H. Patel	15-10-2015	S. Sharma	Studies on polymer based ceramic coated fiber reinforced composite materials for high tech usage	Full time
Dr. Miss. R. H. Patel	15-10-2015	P. M. Kapatel	Studies on waterborne polymers	Full time
Dr. Miss. R. H. Patel	15-10-2015	P.H.Kachhia	Studies on the effect of different types of nanofillers on the properties of PU based composites	Full time
Dr. Miss. R. H. Patel	27-11-2015	V.K.Mishra	Studies on poly ether ester urethanes for flame retardant applications	Full time

#### DEPARTMENT OF MATHEMATICS

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
A H Hasmani	2014	Disha Pandya	General Relativity	Full Time
	2017	Beena Patel	General Relativity	Full Time
	2016	Ahmed Alhaysah	General Relativity	Full Time
	2015	Ashok C Patel	General Relativity	Part Time
	2010	Bhavyata N. Patel	General Relativity	Part Time
	2014	Ravi Panchal	General Relativity	Full Time
H S Mehta	2010	Aakar Rogheliya	Banach Algebra and Real Banach Algebra	Part Time
	2009	U.P. Acharya	Graph Theory	Part Time
G.M. Deheri	2009	Shruti Mehta	Tribology	Part Time
D J Karia	2011	Yogita M. Parmar	Banach and Topological Algebras	Part Time
P A Dabhi	September 2014	Manish Kumar Pandey	Banach Algebras and Harmonic Analysis	Full Time
	September 2014	Savan K Patel	Banach Algebras and Harmonic Analysis	Full Time
	October 2014	Rakshit S. Upadhyay	Banach Algebras and Harmonic Analysis	Full Time
	April 2017	Darshana B. Likhada	Banach Algebras and Harmonic Analysis	Full Time
	November 2017	Yuvraj D Pipaliya	Banach Algebras and Harmonic Analysis	Full Time

**DEPARTMENT OF PHARMACEUTICAL SCIENCE**

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Dr. Mrs. Bhavna A Patel	28/03/2017	Mrs. Gopi Patel	Phytochemical investigation of Job's Tear Plant	Part Time

**DEPARTMENT OF PHYSICS**

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation
Prof. P.C.Vinodkumar	July 2016	Keval Gandhi	Feasibility studies for Glueball Resonance states using Pandaroot
Prof. M.P.Deshpande		Hiteshkumar R. Bhoi	Characterisation of InP crystals by various experimental techniques
Prof. B.Y.Thakore	24-11-2016	Ankit. C. Khunt.	Elastic Properties of $Mg_{65}Cu_{25}Tb_{10}$ and $Tm_{55}Al_{25}Co_{20}$ Bulk Metallic Glasses using Pseudopotential Theory
Prof. B.Y.Thakore	24-11-2016	Bhoomika. S. Pandya.	Thermodynamic, Static and Vibrational Properties of Calcium at High Temperatures.
Prof. G.K.Solanki	June 2016	Kunjal S. Patel	Synthesis and photoelectrochemical study of $NbSe_2$ (DVT), $NbSe_2(I_2)$ and $NbS_2$ (DVT) crystals.

**(B) Economic Sciences****Ph. D. Students Working Under the Teachers of the Department at Present**

Sr No.	Department	Ph. D. Students (Pursuing)
1	Business Studies	48
2	Business Administration (MBA)	41
3	Economics	05
4	Agro-Economics Research Centre	02
	<b>Total</b>	<b>96</b>

# DEPARTMENT OF BUSINESS STUDIES

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Dr. S. K. Bhatt	829 03/12/2013	Hasan Rana (Synopsis submitted)	Impact of leverage on financial performance of selected infrastructure companies in India.	
	4383 14/06/2013	Nattawan Suwanprasert (Synopsis submitted)	HRM Practices and their effect on Employees' Job Satisfaction in Public Organisations in Thailand.	
	1127 15/10/2015	Bharti D. Raj	Customer Perception on credit Appraisal Policy and Practice in selected Public Sector Bank in Gujarat.	
	1129 13/10/2015	Chirayu S. Shastri	Role of foreign institutional investors in Indian stock market	
	1221 19/11/2015	Mahesh C. Rathava	Role of dolomite industry in socio-economic development of Chhota Uaipur District	
	1285 7/4/2016	Ravi P. Kotak	A study on determinants of profit ability of selected Pharmaceutical Companies in India	
	1296 7/4/2016	Ajay D. Mahida	A study on customer satisfaction of E-Banking services in selected private sector banks in Gujarat	
	1305 7/4/2016	Jagruti A. Purohit	An analytical study of corporate financial reporting practices as per Indian GAAP and IFRS of selected companies in India	
Dr. P. K. Rathod	903 3/11/2010	CA. Amit C. Shah (Synopsis submitted)	Impact of Mergers and Acquisitions on Value of Firms: A Study of Selected Pharmaceutical and Chemical Companies In India	
	4384 14/06/2013	Miss Narisura Iamsakulpinyo (Synopsis submitted)	Effect of HRD Practices on Performance: A Study of Private Companies in Thailand	
	712 03/12/2013	Narendrasinh B. Raj	An Analytical Study of Initial Public Offerings Performance and Issue Mechanism in India	
	888 04/12/2013	Nital B. Soni	A Study on Dimensions and Growth of Urban Cooperative Banks in Anand District	
	808 05/03/2014	Niravkumar B. Siddhpuria	A Study on Performance Analysis of Selected District Cooperatives Milk Producing Unions in Gujarat	

	792 06/06/2014	Pratibha B. Nair	A Study of Disposition Effect and its Impact on Individual Investors in Indian Stock Market	
	895 21/11/2014	Himani Sardar	A Study on Critical Evaluation of Selected Money Market Instruments and Their Impact on Indian Economy	
	1126 14/10/2015	Vishal D. Patel	A Study on Financial Risk Management of Selected Public-Private Partnership Projects in Gujarat	
Dr. C.K. Sonara	408, 24/09/2012	Yogesh Purohit	An In depth Study of Financial Evaluation of Selected Cement Industries of Gujarat	
	452, 24/09/2012	Yogesh Chaudhri	A Probe Study of Working Capital Management of Selected Sugar Units of Gujarat	
	453, 24/09/2012	Brijesh Valand	A Comparative Study of Financial Performance of Selected Four Wheeler Automobile Companies in India	
	978 26/02/2015	Vora Teena G	Rewarding Practices and Work Environment of Selected Banks in Gujarat	
	979 3/11/2010	Bhumika Punjabi	A comparative study of working and governance of Regional Rural Banks in Gujarat and Rajasthan.	
	1138 14/10/2015	Shaparia S. Vithalbhai	A Comparative Study of Financial Performance of Selected District Central Co-Operative Banks in Gujarat	
	1140 13/10/2015	Jalpeshkumar K Patel	A Probe Study of Corporate Governance of Selected Public and Private Sector Banks in India	
	1230 21/11/2015	Mali Asmita Rajeshbhai	A Comparative Study of Financial Performance of Selected Private & Public Sector Bank in India	
Dr. Y. M. Dalwadi	973, 15/11/2014	Sarfaraj I. Mansuri	An In-depth Study on Impact of R & D Expenditure on Profitability of Selected Companies in India	
	986, 1/1/2015	Ronak C. Sonara	An Empirical Study on Corporate Governance and Working of Selected Private Sector Banks in India	
	1133 14/11/2015	Mukesh Tagariya	An In-depth Study on Financial Performance of Selected Infrastructure Companies in India	
	1134 15/11/2015	Nehal V Parmar	An Analytical Study on Financial Performance on Selected Automobile compapines In India	
	966	Mayur Rao	A study of perception on Green Banking practices in selected	



	8/01/2017		commercial banks in Gujarat.	
	1395 23/03/2017	Shraddha Raj	Determinants and Impact of Dividend Policy on Market Value of Shares of Selected Commercial Banks Listed in NSE.	
	1331 23/03/2017	Chintan Chavda	A study on financial health of Indian companies using selected models	
	1365 23/03/2017	Viraj Dhakan	A Study on Gold as an investment Avenue: Factors Forecasting and Perception of Retail Investors of Gujarat.	
Dr. R. M. Joshi	1122 5/11/2015	Chirag M. Parmar	An analytical study of financial performance of selected Textile industries in India	
	970 25/02/2015	Bharti J. Ambhani	A study on financial performance analysis of selected steel companies in India	
	1220 6/11/2015	Harshit Jain	A comparative study on consumers perception towards online shopping over traditional mode of shopping in Gujarat	
	1143 13/10/2015	Bhavana Patel	An empirical study on consumer preferences regarding marketing strategy of selected Telecom service providers in Gujarat state	
	1397 27/03/2017	Nisha Parmar	A study on consumer perception of E-Banking services: with special reference to selected nationalized banks in Gujarat	
Dr. P. R. Sheth	821, 26/09/2012	Arpita O. Arora	A Study of Health Care Management in Government and Non-Government Hospitals in Gujarat with Respect to MCH (Maternal and Child Health).	
	952, 19/11/2014	Anand K. Soni	Corporate Social Responsibility and Value Added Reporting of Selected Companies in India	
	1130 14/10/2015	Hetal Jitendra Vaghela	A Study of Employee Efficiency and its Impact on Financial Performance of Selected Public Sector Banks in India	
	1282 7/04/2016	Jaydeep K. Dusara	A Study on Determinants affecting Employees' Job Satisfaction and Job Enrichment of Selected Engineering Units in Gujarat	
	1286 7/04/2016	Ashokbhai K. Bharvad	A Comparative Study of Analyzing Financial Soundness of Selected Textile Companies in India.	
Dr. D. S. Mistry	1169 20/10/2015	Kabir Mansuri	An Empirical Study of Factors Influencing Personal Tax Planning and Financial Planning with Special Reference to Gujarat	
	1219	Pratik Majmudar	The Effect of Financial Factors on Companies Financial and Tax	

	6/11/2015		Reporting Decisions: A Study of Selected Public and Private Sector Companies in India	
	1284 7/04/2016	Nilam Mistry	An Applied Study of the effect of financial structure, financial leverage and Profitability on Value of Shares of Selected Companies in India	
	1311 7/04/2016	Kaushal Suthar	An Impact of Inventory Management on Profitability of Selected Cement Companies in India	
	1283 11/04/2016	Kamlesh Patel	Impact Of Corporate Social Responsibility Guidelines And Central Public Sector Enterprises Guidelines: With Special Reference to Selected Central Public Sector Companies in India	
Dr. A. D. Amin	1168, 20/10/2015	Kinchit P. Shah	A study on Performance Measurement on selected SEZ Units in Gujarat.	

#### DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Dr. Darshana R. Dave	3-4-2014 synopsis submitted	Ashwin Santoki	Impulsive Buying: A study on teleshopping & online shopping behavior in selected product categories	Part Time
Dr. Darshana R. Dave	3-4-2014	Bipin Mishra	Bamboo commercialization- Challenges and opportunities in Gujarat	Part Time
Dr. Darshana R. Dave	18-3-2017	Komal Sevak	The impact of social network advertising on consumer buying behavior with special reference to consumer durables in Gujarat	Part Time
Dr. Darshana R. Dave	2012	Swati Joshi	Green Marketing of Electronic products- with specific reference to Gujarat	Part Time
Dr. Darshana R. Dave	9-10-2015	Sharmistha Deshmukh	Product placement in Indian Movies	Part Time
Dr. Darshana R. Dave	5-11-2015	Ravi Menaria	Impact of Training and Development Practices on Efficient Customer Retention: A Study with Reference to After Sales Service of Car	Part Time

Dr. Darshana R. Dave	18-3-2017	Nishma M. Shah	A study on evaluation of types of content used in digital marketing channels with respect to Gujarat	Part Time
Dr. Darshana R. Dave	18-3-2017	Margi Mehta	A comparative study of consumer perception, preferences and customer satisfaction with reference to organized and unorganized cab services in Gujarat	Part Time
Dr. P.K.Priyan	April, 2012	Gurjar Mahendra	Management Control Systems in Indian Dairy Sector: A Study of Selected Dairy Plants of Gujarat	Part Time
Dr. P.K.Priyan	5-4-2014	Krishna Bhat	The Dividend Policy, Share Repurchase and Preference of Shareholders: A Study of Indian Firms	Part Time
Dr. P.K.Priyan	9 <sup>th</sup> October, 2015	Agnya Patel	A Study of After market Performance and Stabilisation of IPOs in India with Special Reference to Green Shoe Option	Part Time
Dr. P.K.Priyan	26-11-2015	Jay R Mirja	Role of Technology in Attracting and Retaining Creativity of Professional Students in Gujarat: A Study on the Linkage Between Entrepreneurship, Innovation and Technology	Part Time
Dr. P.K.Priyan	October, 2016	Nishant Chauhan	Econo-techno approaches in Portfolio Construction	Part Time
Dr. P.K.Priyan	October, 2016	Drashti Shah	Pricing of IPO and Green Shoe Options.	Part Time
Dr. P.K.Priyan	July, 2017	Priyanka Pradan	Entrepreneurship in Dairy Sector.	Part Time
Dr. R.M.Rathod	June 2013	Milind Parekh	A study on Pre-consumption and Post-consumption Cognitive Dissonance in High-end Electronic Products	Part Time
Dr. R.M.Rathod	February 2015	Mr. Kanet Klodpeng	A study on relationship between operative functions of HRM and knowledge management practices with reference to palm industry In Thailand	Part Time
Dr. R.M.Rathod	February 2015	Bhaves Solanki	A Study on Impact of Life Style Orientation on Online Shopping continuance	Part Time
Dr. R.M.Rathod	February 2015	Deval Patel	A Study On Consumers' Perception And Preference About Ready-To-Eat Food Products With Reference To Gujarat State	Part Time
Dr. R.M.Rathod	February 2015	Heena Patel	Determinants of Competitiveness of Agro Processing Industries: A Study with reference to selected Units of Gujarat	Part Time
Dr. R.M.Rathod	February 2015	Renin	A Study on E-Learning as a Supplement and alternative for regular classroom courses: Perspective of Digital Natives pursuing higher education in Gujarat	Part Time
Dr. R.M.Rathod	October 2015	Bhavna Parmar	Prospects and Impact of Brand Management Practices: A Study with reference to Government Flagship Programmes	Part Time

Dr. R.M.Rathod	April 2015	Gautam Parmar	Food Consumption Practice and Health Oriented Life Style: Comparative Study with reference to Rural and Urban Consumers of selected Regions of Gujarat	Part Time
Dr. R.M.Rathod	April 2016	Pooja Patel	A study on Impact of Spiritual Management Practices Performance of Marketing executives.	Part Time
Dr. Vilas V Kulkarni	12-04-2012	Bhandari Sidharth	A Study of training practices in S.M.E. industries across Saurashtra region of Gujarat	Part Time
Dr. Vilas V Kulkarni	26/4/2013	Dave Bansari K	A Study on Impact of gender on achievement Motivation of employers with special focus on service industries in Gujarat	Part Time
Dr. Vilas V Kulkarni	2014	Bavishi Hardik Vipinkumar	A study of Plasticization of Indian Rupee	Part Time
Dr. Vilas V Kulkarni	2016	Yugma Rattan khanna	Managing workplace diversity: Issues & challenges	Part Time
Dr. Vilas V Kulkarni	2016	Vikrant Lalit Jain	Human Resource management in IT-ITES industry in India & Its impact on employee attrition	Part Time
Dr. Vilas V Kulkarni	2016	Dave Hardik Dilipbhai	Management of Operational Challenges by manufacturing firms in India	Part Time
Dr. A.C.Mehta	2014	Abha Moradia	A Comparative Study of Investment in Stocks, Gold, and Realty Sector in India	Part Time
Dr. A.C.Mehta	2014	Hetal Tandel	A study on marine fisheries financing of Gujarat	Part Time
Dr. A.C.Mehta	2014	Ritesh Patel	A Study on Farmers' Borrowing Behaviour towards Agricultural Finance provided by selected Banks in Gujarat: Issues and Prospects	Part Time
Dr. A.C.Mehta	2015	Rupal Rabari	Problems and Prospect of Selected Public Sector Banks in India	Part Time
Dr. K.S.Prasad	22/March/2017	Nilamben Dolatsinh Rama	A study on Breaking the Glass Ceiling through Women Empowerment in few selected companies in the state of Gujarat	Part Time
Dr. K.S.Prasad	22/March/2017	Akanxa Jagdish Dhamale	Ergonomics at work place: A study of employees working in Health Care Industry in selected cities in the state of Gujarat	Part Time
Dr. K.S.Prasad	24/March/2017	Archana Sarkar	A study on Women Entrepreneur with special reference to Small Scale Sector in Gujarat	Part Time
Dr. Mitesh Jayswal	September 2014	Anushree Karani	A study on emotional intelligence & occupational stress among the employees IT & ITES sector of Ahmedabad City	Part Time
Dr. Mitesh Jayswal	March 2014	Mihir Pathak	A study on customer loyalty towards cellular service providers in Ahmedabad and Mehasana Region	Part Time
Dr. Mitesh Jayswal	September 2014	Puja Vora	A study on contribution of Gamification initiatives on Brand	Part Time

			Equity: Specifically focused on consumers of Ahmedabad City	
Dr. Mitesh Jayswal	September 2014	Kajal Suthar	A study on impact of fear appeal in Social Advertisements	Part Time

#### DEPARTMENT OF ECONOMICS

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/Part Time
Dr. Sonal Bhatt		Parimalsinh Chavda	Socioeconomic Impact of MGNREGS in Selected villages of Panchmahal district of Gujarat	Part Time
Dr. Vijay S. Jariwala		Sanjay Paramara	A Study of Municipal Finance with Special Reference to Nadiad Municipality	Part Time
	1050 October 15, 2009	Ravjibhai Saksena	Role of Nadiad People's Cooperative Bank Ltd. in Economic Development	Part Time
Dr. J. K. Barot	1050 October 15, 2009	Ravjibhai Saksena	Role of Nadiad People's Cooperative Bank Ltd. in Economic Development	Part Time
	956 December 29, 2014	Mayur Goswami	A Study of Mahatma Gandhi National Rural Employment Guarantee Scheme- with Special Reference to Bharuch District in Gujarat	Part Time

#### AGRO-ECONOMICS RESEARCH CENTRE

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/Part Time
Dr. S. S. Kalamkar Director & Professor AERC, SPU, VVN	August 12, 2016 (PDC) Symbiosis International University, Pune, Maharashtra	Raji Ajwani Ramchandani	Role of Microfinance in Women Empowerment: A Comparative Study of Rural and Urban Groups	Part Time

Dr. S. S. Kalamkar Director & Professor AERC,SPU,VVN	August 2016 (PDC) Gokhale Institute of Politics and Economics, Deemed University, Pune, Maharashtra	Varun Miglani	Economics of Contract Farming: A Case of White Onion and Chip-grade Potato Cultivation in Selected Districts of Maharashtra	Full Time
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**(C) Social Sciences**

**Ph. D. Students Working Under the Teachers of the Department at Present**

Sr No.	Department	Ph. D. Students (Pursuing)
1	Education	02
2	History	05
3	Library and Information Science	03
4	Political Science	07
5	Psychology	17
6	Sociology	10
7	M B Patel College of Education	22
	<b>Total</b>	<b>66</b>

**DEPARTMENT OF EDUCATION**

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Dr. M.A. Chotalia	----	Induben R. Patel	---	Part-time
Dr. M.K. Yagnik	----	Niharika Gautam	---	Full-time

**DEPARTMENT OF HISTROY**

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Dr J M Pandya	17/3/2015, No:1076	Kamlesh G Patel	“Tribhovandas Patel as a Social worker : A Study”	Part Time
	17/3/2015, No:1063	Anjanaben M Patel	“Agriculture concern as exoressed in Speeches of Sardar Patel”	Part Time

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
	24/3/2015, No:1037	Manoj L Chaudhari	“Sardar Vallabhbhai Patel and Indian National Congress”	Part Time
	24/3/2015, No:1064	Bhumikaben B Vasava	“Social concern as reflected in the lectures and letters of Sardar Patel”	Full Time
Dr Hemant Dave	3/5/2016	Hemant Chaudhari	દક્ષિણ ગુજરાતનાં આદિવાસી લોકમેળા (ઐતિહાસિક પ્રિપેક્ષ્યમાં)	Full Time

#### DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Dr.N.D.Oza	February - 2013	Mr.Dilip D.Vala	Planning and Designing of Knowledge Management System for the Dairy Industry in Gujarat: A Study	Part Time
Dr.N.D.Oza	February - 2013	Ms.Meghna H.Mehta	Employability of Library & Information Science Students with Reference to Professional Skills and Competences required by Corporate Libraries in Gujarat	Part Time
Dr.N.D.Oza	July - 2013	Ms. Parinda R.Dalwadi	Planning & Designing of Subject Gateway for English Language Teaching	Part Time

#### DEPARTMENT OF POLITICAL SCIENCE

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Prof. Baldev Agja	22/09/2010	Mr. Shankerbhai Rot	“Self Rule in Adivasi Areas of Gujarat: 1996 to 2010 (with reference to Dahod and Valsad Districts)”	Part Time
	24/09/2013	Anagat A. Vaghela	“Panchayati Raj in Gujarat: The Position of Taluka/District Social Justice Committees with Special Reference to Anand District”	Full Time
	24/09/2013	Bharat P. Makwana	“Political Vision of Pioneer of Maha Gujarat-Indulal Yagnik: A Study”	Full Time
	24/09/2013	Jaydipsinh K. Dodiya	“Role of Political Leader in Development: A Case Study of Shankersinh Vaghela in Gujarat”	Part Time
	20/02/2014	Kamlesh P. Dabhi	“Political Condition of Tribals of Sabarkantha District- A Study”	Part Time
	29/09/2014	Chandrika J. Chavda	“Awareness of Politics among Educated Scheduled Caste Women: A Study of Anand District (Gujarat)”	Full Time

	29/09/2014	Mittal M. Vaghela	“Problems of Political and Economic Development of Kachchh District”	Part Time
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#### DEPARTMENT OF PSYCHOLOGY

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Prof.S.M. MakvanaPh.D	19-03-2014	Prajapati Rameshumar Oram	A Psychological study Among Parents of Mentally retardation and non-mentally retardation children	Part Time
	22-03-2014	Alpeshkumar Balabhai Kotar	A study of job involvement, job value and team orientation among managers of different organizations	Part Time
	2-12-2014	Vikas Kantibhai Rohit	A Psychological Study of Family Planning and Birth control Attitudes, Life style and locus of control among different sexes, level of education and religions.	Full Time
	8-1-2015	Jashvantbhai B.Devda	A study of Social distance, social Adjustment and Psychological well-being Among Male and Female of Leprosy Patient	Part Time
	21/10/2015	Hitesh Gulgibhai Gamit	Cross Sectional study of cognitive Dysfunction in Mathematical Disorder among school level students	Part Time
	20/03/2017 (38)	Ankit P.Patel	Some psychological issues of HIV Aids patterns	Full Time
	25-10-2017 (98)	Komal J.Kaliya	A study of mental health, social support and suicidal tendency among cancer patients	Part Time
	25-10-2017(97)	Samira A. Khalifa	A study of Psychological well-being, fear of death, stress and adjustment among diabetes challengers	Full Time
Dr.S.N. Pathak	5/10/2013	Nidhi Patel	A Comparative Study on level of Social Intelligence and Emotional Intelligence Among Higher Secondary School Adolescents	Part Time
	03/12/2014	Prakruti pandya	A study of mental health ,emotional maturity and personality of domestic violence victim women	Part Time
	19/03/2014	Pragna Patel	Effect of Video Games and Cartoon Films on Aggression and Psychological Well Being	Part Time
	09/12/2014	George Nisha	A comparative study of personality, depression and mental health of clergymen working in northern and southern diocese of Marthoma Syrian church of Malabar	Part Time



	24/03/2017	Anamika	Efficacy of Psycho-educative intervention on mental health problems	Part Time
Dr. P.S. Suvera	27/3/2017	Rajesndra K. Patel	Anxiety, Depression, Stress and Psychological Well-being: A Comparative studyale and female leprosy patients	Part Time
	30/3/2017	Pritesh Tailar	Personality, Computer attitude, computer phobia and cyber crime awareness: A Comparative study of Male and Female B. ed. Trainees	Part Time
	8/4/2013	Jayesh L. Gavit	Locus of control, Insecurity, Life style and Psychological Adjustment: A Comparative study of Tribal and Non-Tribal College students	Part Time
	8/4/2013	Ankur Mahida	A study of Social Support, Frustration, Death Anxiety and Psychological Adjustment among HIV/AIDS Patients	Part Time

#### DEPARTMENT OF SOCIOLOGY

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Prof.Ramesh Makwana	24/11/2014	Raju N. Pateliya	Rural Development Through Development Schemes : A Sociological Study	Part-time
	13/04/2016	Puspa M.Vadhel	Role of Grampanchayat in Rural Development: A Sociological Study	Part-time
	23/03/2017	Mahesh V.Chauhan	Health Status and Problems of Rural Women: A Sociological Study (With special reference to Panchmahal District)	Full-Time
		Jayesh K.Dindor	The Role of Grampanchayat in Cleanliness and Sanitation Services in Tribal Area: A Sociological StudyWith special reference to Mahisagar District.	Part-time
		Vinod N. Parmar	HIV/AIDS and Tribal Youth: A Sociological Study of Awareness and Attitude (With special reference to Dhanpur taluka, District of Dahod)	Part time
Dr.Jayprkash M.Trivedi		Amaravat Bhavisha	A Study of Christion Nons	Part-time
		Malti Shukla	A Study of NRG	Part time
Dr.Ila M.Macwan	02/04/2016	Sanjay Joshi	Social Concerns expressed in Speeches of Sardar Vallabhbhai Patel-A Sociological Study in Present context	Part-time
	22/03/2017	Auchitya Parmar	A Sociological Study of Parents of Persons having Attempted Suicide	Full Time
	22/03/2017	Dipika Parmar	A Sociological Study of Parents Differently Able Children	Full Time

**M B PATEL COLLEGE OF EDUCATION**

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Dr. I. N. Vaghela	24/11/10	J.B.Vankar.	A study of the Education of Secondary and Higher secondary Sc.Student of Sabarkantha Distric.	Part Time
	12/12/2013	Ku.C .J.Dave	A study of Attitude patterns collage girls in Relation to their self concept&Socio-eco.Status	Full Time
	30/03/2013	P.J.Vaghela	A study of educational vision as emerging from narratives of experiences of selected teachers.	Part Time
	13/10/2015	J.S.Macwan.	An Inquiry in to Understanding of teacher learning process amongprimary school teachers.	Part Time
	13/10/2015	A.Y.Christian.	Effectiveness of a computer assisted programme in learning LSRW Skill in English (SL).	Part Time
Dr. N. D. Bharucha	23/5/2014	Gaurang Bhoi	Development &Tryout of languageProficiency Programee for Preservice Teacher	Part Time
	20/3/2015	Sneha Ghatol	A Study of Academic sores among higher Sec.school Students	Full Time
	24/3/2015	Apeksha Amin	Effective ness of task based teaching in English at pre service level	Part Time
	20/10/2015	Harita Purohit	Effectiveness of information processigModels in Teaching of english at.class IX	Part Tie
	5/11/2015	Nirali Soni	Effectivenessof Constructivisit learning Task Packeg in Teaching of Chemistry At.Class IX	Full Time
	30/03/2017	Dola Chakraborty	Development and Tryout of Scientific Environment Awareness	Part Time
		Shivani Barot		Part Time
Dr. J. B. Patel	5/11/2015	Falguni.I.Vaghela	A Study of Achivement of Social Sciance of Std.10 <sup>th</sup> student in Relation to certain variables.	Part Time
	9/11/2015	Mayurkumar. N. Makwana	A Study of Proffesonal Competences of Primary School Teachers in Emotional Inteligence	Part Time
	9/11/2015	Pinkyben.N.Patel	Effectiveness of Advance Organize model in Teaching of Psychology	Part Time
	13/3/2015	Jay Prakash	A Study of Leadership Behavior and Self Regulation among NCC Cadets	Part Time
Dr. A. J. Macwan	26-05-2015	Jigneshkumar Naranbhai Rathod	Effectiveness Of Basic English Competence Development Programme for Primary Teachers Teaching English.	Part Time
	28-03-2013	Anniruddh K. Thakor	Enhancing Perception of Indian-ness Through Literary inputs of pre service student teachers.	Part Time
	27-05-2015	Dodiya Rajnikant Shankarlal	A Study of Educatinal Thoughts as reflected in APJ Abdul Kalam's Writings	Part Time
	04-10-2014	Manoj B. Chhaya	Effectiveness of a Learning Package to Teach Literature at Undergraduate level	Part Time

Dr. J. K. Dave	09/10/2015	Pratiksha .Modi	Educational Practices of High performing secondary schools under various Boards: A Case Study	Part time
	17/11/2016	Samir Vahora	Effectiveness of Blended learning programme on Achievement in chemistry at Class IX.	Part time

**(D) Languages**

**Ph. D. Students Working Under the Teachers of the Department at Present**

Sr No.	Department	Ph. D. Students (Pursuing)
1	English	29
2	Gujarati	10
3	Hindi	25
4	Sanskrit	11
	<b>Total</b>	<b>75</b>

**DEPARTMENT OF ENGLISH**

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Dr J H Khan	4469 27.04.2006	Mr Manish Ratilal Solanki (Co-Guide with Dr D S Mishra) (Submitted Synopsis: 26.02.2014)	Post Colonialism in the Major Novel of Salman Rushdie, Vikram Seth, Amitav Ghosh, and Shashi Tharoor	Part Time
	277 17.11.2011	Mr Piyush Bhailalbhai Raval (On transfer from Dr Hemang Desai)	Rethinking Philosophy of Aesthetics after <i>Auschwitz</i> : A Critique of Derrida, Nancy and Agamben	Part Time
	714 10.04.2014	Mr Pankaj Dayalbhai Rathod	Re-visioning Community, Culture, Ideology and Social Change in Select Post-1970's Novels and Plays in Gujarati, Hindi and Indian English Literature or Literatures in English Translation	Full Time
	715 10.04.2014	Mr Kalpesh Vallabhbbhai Gohil	Learning to Change and Changing to Learn: Management of Change in English Language Education	Part Time
	851 16.10.2014	Ms Darshana Jayvadan Acahrya	Influence of Multiculturalism: Interventionist Strategies used by Select Indian Diasporic Novelists	Part Time
	1245 11.04.2014	Ms Vaishali Shivkumar Biradar	Silent 'Outsiders': Great Socio-legal Debate in the Emergent Gender Literary Discourse	Part Time

	855 16.10.2014	Ms Pallavi Sudhir Ratna	Feminist, Marxist and Deconstructivist Perspective in Gayatri Chakraborty Spivak	Part Time
	991 05.03.2015	Mr Kartikkumar Ashokbhai Jagtap	A Study of Select Indian Literary Works and Films with Focus on Social Issues	Part Time
	994 05.03.2015	Mr Himanshukumar Kanaiyalal Upadhyay	Social Reconstruction Represented through Selected Literary Texts and Films Based on Them	Part Time
	1912 05.03.2015	Mr Utpal Ketankumar Ganatra	General Educated Indian English and Employability: A Study of Charotar	Part Time
	1916 05.03.2015	Mr Tridipkumar Prakashbhai Macwan	Socio-Cultural Underpinnings in Select Novels of Rohinton Mistry, Manju Kapur and Amitav Ghosh	Part Time
	438 16.04.2012	Ms Najma Abdulsattar Pathan (Co-Guide with Dr Hemang Desai)	The Aesthetics of Post-1970 Indian English Drama with Reference to Five Major Playwrights	Part Time
	582 30.09.2011	Mr Amit Yograj Kapoor (Co-Guide with Dr Hemang Desai)	Representing India from Within and Without: A Critique and Comparison of Booker-Winning Indian English Novels	Part Time
	1018 30.09.2011	Mr Niravkumar Rajendraprasad Mehta (Co-Guide with Dr Hemang Desai)	The Problem of Identity and Racism in the Works of Neil Bissoondath	Part Time
	1926 17.10.2014	Mr Madhav Pradipbhai Astik (Co-Guide with Dr H A Srivastava)	Recent Indo-Canadian Novels: A Cultural Mosaic	Part Time
Dr R K Mandalia	915 30.01.2009	Mr Ravikant Ratilal Solanki	Novels of Monica Ali and Kiran Desai: A Comparative Study	Part Time
	717 10.04.2014	Mr Pratik Madanbhai Dalwadi	Social-cultural, Political and Historical Elements in the Plays Asif Currimbhoy	Part Time
	716 10.04.2014	Mr Mushariq Tariq Habib Khan	Reflection of Victorian English Society in the Essays of William Hazlitt and Charles Lamb	Part Time
	836 05.09.2012	Mr Nilesh L Megha (Transferred from Dr Beena Mahida)	Postcolonial Concerns in the Selected Works of Jamia Kinciad	Part Time
	942 16.10.2014	Ms Swati Rameshchandra Joshi	Representation of Myths in Contemporary Context: A Study of Bhasa's Select Plays in English Translation	Part Time

	1019 05.03.2015	Mr Hardikkumar Sureshchandra Bhatt	Image of Woman in Select Fiction of Nayantara Sahgal and Bharati Mukherjee	Part Time
Dr P J Dave	480 28.08.2008	Mr Dharmeshkumar Sunilbhai Patel	The Discourse of Resistance in the Works of Chinua Achebe and Ben Okri	Part Time
	724 10.04.2014	Mr Kashyapkumar Gunvantbhai Parekh	The Figure of Poet-Artist in Modern Literature with Special reference to James Joyce, Thomas Mann and Hermann Hesse	Part Time
	722 10.04.2014	Mr Hirenkumar Dineshbhai Patel	Adaptation from Literature to Cinema: An Analysis of Satyajit Ray's Movies	Full Time
	847 10.04.2014	Mr Hiteshkumar Prabhudas Patel	A Study of History and Diaspora in the Poetry of Agha Shahid Ali	Part Time
	719 11.04.2014	Ms Vibha Trilokinath Jasrai	Christianity and Buddhism in the Novels of Nikos Kazantzakis	Part Time
	1287 16.10.2014	Ms Dipikababen Kanaiyalal Kevlani	Problems of Home and Identity: Narratives of Partition among Sindhi Hindus – Hindu Sindhis of India.	Part Time
		Himanshukumar P Parmar	Negative Utopia in the Selected Novels of 20 <sup>th</sup> Century: 1984, Brave New World and The Glass Bead Game.	Part Time
	Yet Not Received	Nisrin Pathan	The Mode of Lyrical Novel: A Study with Reference to Select Novels of Khalid Hosseini , Vikram Seth and Michael Ondaatje	Part Time

#### DEPARTMENT OF GUJARATI

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Dr. Param Pathak	Nov. 2009	Jayshree Joshi	Samprat Bharatiya Navalkathama Vyakt Thati Nari Samvednao Ane samsyaono tulnatmak adhyayan	Part Time
	Nov 2011	Rasik babariya	Pasandgini ramkathaoni Patra srushti Ek Tulnatmak Adhyayan	Part Time
	March 2012	Rasila Aghara	Jyotiben Thankinu jivan Ane Sarjan Ek Adhyayan	Part Time
	March 2013	Vishal Patel	Web Madhyame Uplabdh gujrati loksahityanu Sanshodhan Ane teni Technoligical pari purti	Part Time
	Oct. 2015	Bhoumik Bhoi	Gujrati Sahityama Sudharak yug angenu sanshodhan	Part Time
	Oct 2016	Shital Machhi	MAha Panth Sampradayma Stri Kavyitriyonu Pradan	Part Time
Prof. Dr. Pinakini Pandya	2013	Beena Vir	Gujarati CharitraSahityama Sanskruti Darshan	Full Time
	2013	Priskila Chauhan	Tran BhashaVignanio: ek Adhyayan	Part time

	19-04-2016	Pravin Vankar	Gujaratima Sahityasarjaklaxi Jivancharitrattmak Natako: Ek Abhyas	Full time
	2014	Bhaves Vala	Arvachin Bhartiya Gadya Kavya: Ek Adhyayan	Full time

#### DEPARTMENT OF HINDI

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Dr. Dayashankar Tripathi	3/07/2009	Suresh Vasava	Hindi Men Adivasi Sahitya : Ek Adhyayan	
	11/11/2010	Ashwin Makwana	Hindi-Gujarati Dalit Kavita: Ek Adhyayan	
	13/10/2015	Sangita G. Rohit	Nirmal Varma Ke Kath Sahitya Men Parivarik Vighatan : Ek Adhyayan	
	13/10/2015	Paresh Patel	Valmiki Ramayan—Par Prabhav: Ek Adhyayan	
	20/11/2015	Ravindra P. Makwana	Hindi-Gujarati Filmon Par – Giton Ka Prabhav : Ek Adhyayan	
	24/08/2016	Ravishankarsingh	Bhaktikavya Men Lokdharmi Chetana: Ek Adhyayan	
	2/11/2017	Ankita Sharma	Hindi Katha Sahitya men Vridhavastha Ke Sandharbh: Ek Anushilan	
Dr. Madanmohan Sharma	7/12/2011	Falgun G. Patel	Usha PriyamvadaKe Upanyason Main Nari Samvedana : Ek Adhyayan	Part Time
Dr. Dilip Mahera	26/11/2015	Tejashkumar Amin	Rupnarayan Sonkar Ka Sahitya : Ek Anushilan	Full Time
	24/11/2015	Vaishali K. Gandhi	GyanpithPuraskrit Hindi Kahanikaro Ke Kahaniyo Me Samajik Sarokar : Ek Adhyayan	Part Time
	19/10/2015	Djarmendrasinh Thakor	Aarkant Ka Upanyas Sansar : Ek Anushilan	Part Time
	11/04/2016	Radhaben L. Talpada	Hindi Mahika Atamkathao Me Nari Sangharsh	Part Time
	11/04/2016	Chirag Parmar	Nasira Sharma Ke Upanyas : Ek Adhyayan	Full Time
	13/04/2016	Haribala Parmar	Shivmurti Ka Katha Sahitya : Ek Adhyayan	Full Time
	8/08/2016	Vinu Chaudhari	Dalit Chetana Aur Shushila Tankbhore Ka Sahitya : Ek Anushilan	Part Time
	28/03/2017	Jaydeep Chaudhari	Bhagwandas Morval Ke Upanyaso Me Chitrit Samasyaye	Full Time
Dr. Hasumukh M. Parmar	17/10/2014	Seemadevi S. Patel	Anchlik Upanyas Ki Parampara Aur Vivekirai Ka Upanyas Sahitya : Ek Adhyayan	Full Time
	18/10/2014	Purva C. Sharma	Adhunik Hindi Kavita Mei Haiku Ka Swarup: Ek Anushilan	Part Time
	5/11/2014	Bharat P. Vankar	Bhaktikavya Samandhi Mulyankan : Ek Anushilan	Part Time
	10/11/2014	Pradip L. Mahida	Hindi Aur Gujarati Ke Pramukh Dalit Kahanikaro Ki Kahaniyo Ka Tulnatmak Adhyayan	Full Time
	27/03/2017	Rohitkumar A.	Hindi Ke Adivasi Kendrit Upanyas : Ek Adhyayan	Full Time

		Chahan		
Dr. Seemaben Rathod		Bhavana Vagh	Narivimarsh Aur Malti Joshi Ke Upanyas : Ek Anushilan	Part Time
		Deepika Zala	Rahi Masum Raza ke Upanyaso Me Jivan Mulya	Full Time
		Sangita Patel	Abhimanyu Anat Ke Chayanit Upanyas : Ek Adhyayan	Full Time
		Mahesh Vaghela	Hindi Sahitya Me Vijaydan Debha Ka Yogdan	Part Time

#### DEPARTMENT OF SANSKRIT

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation	Full Time/ Part Time
Prof.Dr. N. P. Patel	17/08/2012	Divyanath Shukla	Bruhadaryanak Upanishadana Yagnavalkya khand Adyhay-4 nu Shankaracharyana Shankarbhasya, Sureshvaracharya nu Bhashyavartik, Vidyaranya Swami nu Vartik Sara Ane Anand Giri Tika na Pariprekshma Vivechnatmak Adhyayan	Part Time
	22/03/2013	Kalubhai M. Ninima	Adhunik Sanskrit Kavita ma Adhyatmikata- Harshdev ni Krutio na Sandarbha ma	Part Time
	04/10/2013	Paresh Parekh	Acharya Gautam Pranit Nyay Darshan Chaturth ane Pancham Adhyay nu Vivechnatmak Adhyayn (Bhasya ane Vartikna Vishesh Sandarbha ma	Part Time
	12/03/2014	Vinay R. Patel	Bhataragavpranit Nyaysaravichar eka adhyayan	Part Time
	12/03/2014	Vikram Joshi	Kalidasana rupakoma mythak eka adhyayan	Part Time
	17/11/2014	Jaishree Raval	Srujandharmi Shrinivasan Ayyara Richat Sanskut-Sanskriti Vishyak Kolaja Sarajan ka Sanskrutik Bhumandlikarana ke Priprekshya me Anushilan	Part Time
	24/03/2015	Priyank N. Raval	“Dr. Jaiprakashnarayan Dwividinu Vyaktitva Ane Kartrutva: Eka Adhyayan”	Part Time
	19/10/2015	Shailesh M. Raulji	“Acharya Gautam Pranit Nyaydarshanana Pratham Adhyayana Pratham Ahnikanu Vivechanatmak Adhyayan” (Bhashya, Vartik, Tatparyatika Ane Parishudhina Vishesh Sandarbham)	Part Time
Dr. P.V. Joshi	19/10/2015	Baraiya Chetan V.	“Sankshepsarirakam” : Eka Adhyayan (Pratham Ane Dvitiya Adhyayana Vishesh Sandarbham)	Part Time
	06/04/2016	Shruti Shree	“Utpaldeva Rachit Shrivastotravali: Eka Adhyayan” (Pratham Das Stotra Ke Sandarbha me)	Part Time
	06/04/2016	Prerana G. Gohil	Shree Vishvanathatarkapanchanan Pranit ‘Nyayakarikavali’ Uparni tika ‘Nyayasiddhantamuktavali’na Pratyakshakhandnu Vivechanatmak	Part Time

		Adhyayan	
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## (5) MPhil PROGRAMME

The MPhil Programme is offered in some of our Departments. We tend to take our one-year MPhil Programme as a pre-Ph. D. Programme, wherein we train our students in the fundamentals of research including research methodology and help him/her in enhancing his/her scholastic level necessary for completing the Ph. D. Programme. Our MPhil Programme, together with projects and dissertations, constitutes for us the link between Teaching and Research with regard to our students.

In accordance with the guidelines issued by the University Grants Commission, New Delhi, the University has introduced the entrance test and students counselling by the Departmental Research committee for candidates seeking admission to MPhil.

### (1) MPhil Students Guided

#### (I) OVERVIEW

#### MPhil Students Guided in the Postgraduate Departments

Sr No.	Departments	MPhil Guided
1	Basic Sciences	19
2	Economic Sciences	35
3	Social Sciences	11
4	Languages	48

#### (II) MPhil Programme in the University Departments

##### (A) Basic Sciences

#### MPhil Students Guided by the Teachers of Basic Sciences of Postgraduate Departments in 2016-2017

Sr No.	Department	MPhil Guided
1	Mathematics	05
2	Physics	07
3	Biosciences	03
4	Pharmaceutical Science	04
	<b>Total</b>	<b>19</b>



**DEPARTMENT OF BIOSCIENCES**

Name of the Student	Title of the Dissertation	Date of the Award of the Degree
Kajal Kanjariya	Production and characterization of fungal cellulase-application in saccharification of rice straw	June 2017
Purvi Bangoria	Bioethanol production from wheat straw using newly isolated yeast strain SM1	June 2017
Satish Handa	Some studies on production, properties and application of fungal mannanase	June 2017

**DEPARTMENT OF MATHEMATICS**

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
G M Deheri	2016	B R Patel	Fixed Point Theorems and Common Fixed Point Theorem
P A Dabhi	December 2016	D B Likhada	Some Topologies on $\mathbb{R}$ whose Borel $\sigma$ -algebra is the Measure $\sigma$ -algebra
A H Hasmani	2016	J G. Patel	Applications of Double Laplace Transform for Solving Partial Differential Equations
H V Dedania	25-10-2016	Y D. Pipaliya	Spectral Theory, Semigroup Theory, and Abstract Cauchy Problem
H S Mehta	2016	J George	Product Graphs

**DEPARTMENT OF PHARMACEUTICAL SCIENCE**

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Dr. Mrs. Bhavna Patel	M.Pharm	Anooj Patel	Design and Evaluation of Extended release Multiunit Particulate system of Venlafaxine Hydrochloride
	M.Pharm	Abbasali Masu	Preparation and Evaluation of Immediate release Folic Acid Tablets
Miss. Shraddha Parmar	M.Pharm	Mrunal Kapadia	Design and evaluation of Rifabutin encapsulated liposomes for pulmonary delivery
	M.Pharm	Viren Patel	Formulation and evaluation of mouth dissolving tablet of Ketotifen fumarate

**DEPARTMENT OF PHYSICS**

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Prof. U.H.Patel	June 2017	Bhavesh N. Socha	Synthesis, spectroscopic characterization, X ray crystallographic investigation & hirshfeld surface Analysis of Ag(II) Complex of Sulfamethazine, Picoline solvete
Prof. P.C.Vinodkumar	14 <sup>th</sup> July 2016	Hiteshkumar R Yadav	Electron Impact cross sections of selected carbon based and silicon based molecules

Prof. M.P.Deshpande	July 2016	Piyush Rajput	Synthesis and characterization of manganese oxide nanoparticles.
Prof. B.Y.Thakore	August 2016	Ms. Payal. N. Chauhan	Elastic Properties of Pd <sub>64</sub> Fe <sub>16</sub> P <sub>20</sub> and Pd <sub>56</sub> Fe <sub>24</sub> P <sub>20</sub> Bulk Metallic Glasses using Pseudopotential Theory
Prof. K.D.Patel	04/08/2016	Chaitanya S. Limbkar	Effect of Cu doping on In/n-SnSeCux (x=0, 0.01, 0.06) Schottky Barrier parameters and photo-response.
	04/08/2016	Alkesh B. Patel	Preparation and Characterization of TiO <sub>2</sub> and SnSe thin films for their application in DSSC
Prof. G.K.Solanki	04/08/2016	Mohit R. Tannarana	Growth and characterizations of Sn <sub>x</sub> Se <sub>1-x</sub> (x=0.3, 0.4, 0.5) crystals.

**(B) Economics Sciences**

**MPhil Students Guided by the Teachers of Economics Sciences of Postgraduate Departments in 2016-2017**

No.	Department	MPhil Guided
1	Business Studies	35
	<b>Total</b>	<b>35</b>

**DEPARTMENT OF BUSINESS STUDIES**

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Dr.S.K.Bhatt	2016-17	Arjunbhai Rameshbhai Kachhia	Financial Analysis Of Selected Paints Industries In India
		Jagrutibahen Kantibhai Rohit	A Study On Financial Performance Of Selected Textile Industries In India
		Payal Sureshbhai Jogani	A Study Of Financial Analysis For Selected Sugar Company Located In India
		Shivangini C. Chaudhari	A Comparative Study Of Central Public Sector Enterprise And Company Act 2013: Evidence From Selected Indian Public Sector Companies
		Arjunbhai Rameshbhai Kachhia	Financial Analysis Of Selected Paints Industries In India
Dr. P. K. Rathod	2016-17	Ankita R. Patel	Performance Evaluation of Mutual Fund Schemes of Selected Public Sector Banks in India
		Farhana Y. Vhora	An Analytical Study of Relationship between Dividend Distribution and Earning Quality of Selected Pharmaceutical Companies in India
		Krishnaben B. Thakar	A Capital Structure Analysis of Selected Automobile Companies in India

		Palak D. Patel	A Study on Financial Structure of Selected Cement Companies in India
		Sejal S.Purabiya	An In Depth Study of Financial Performance of selected Pharmaceutical Companies in India
Dr. C. K. Sonara	2016-17	Avani J. Dave	An Analysis Of Financial Performance Of Hotel Taj And Hotel Leela Venture In Mumbai
		Jaydev M. Vithlani	A Comparative Study Of Financial Analysis Of The Pij People's Co-Operative Bank Ltd. And The Uttarsanda People's Co-Operative Bank Ltd.
		Manishaben R. Solanki	A Comparative Study Of Financial Analysis Of Anand Merchantile Co-Operative Bank Ltd. And Ahmedabad Merchantile Co-Operative Bank Ltd.
		Poonam S. Shah	A Comparative Study Of Corporate Governance Of Bank Of Baroda And Icici Bank Ltd.
		Sonu C. Dhobi	An Awareness And Usage Of Plastic Money (Debit Card) Of Sbi And Bob In Anand District
Dr. Y. M. Dalwadi	2016-17	Drasti K Vyas	A study on Impact of Classroom Activities and Students Learning in Accounting Course at Under Graduate Level of Gujarat.
		Hingu Khushbu K	A Study on Spending on CSR and its Impact on Profitability of Selected Large cap Companies of India.
		Nisha D Kapadiya	An In-depth Study on Perception and Utility of e-filing of Income tax Returns.
		Saddamhushen Timbaliya	A Study on Perception & Prospects of Islamic Banking in Gujarat.
		Tejas Patel	A Study on Awareness and Perception of Companies Act 2013.
Dr. R. M. Joshi	2016-17	Jigisha A Vakil	An Empirical study on Marketing Strategy of Telecom Sector in Surat City-with special reference to BSNL and Vodafone.
		Mansi K. Gohil	An Analytical Study of Financial Performance of selected Fertilizer Companies in India.
		Suman N. Khatri	A Study on NPA Management of selected Nationalised Banks in Gujarat.
		Rakesh R. Bhoi	A Study on Managing Academic Performance of Students: with special reference to selected self-finance and grant in aid Institutions of Sardar Patel University.
		Brijesh A. Bhatt	A Study on Role of SEBI Awareness and Perception: with special reference to Investors Protection.
Dr. P. R. Sheth	2016-17	Darshankumar Laljibhai Darji	A Study On Working Capital Management Of Selected Refineries In India
		Jitendrakumar Manubhai Chavda	A Study On Impact Of Capital Structure On The Profitability Of The Selected Steel Manufacturing Companies In India
		Nilamben Mukundbhai Suthar	A Comparative Study Of Quality Of Work Life In Selected Companies In India
		Rameshkumar Arjanbhai Bhuvra	A Study Of Corporate Capital Budgeting Practices In Selected Companies In India

		Dhvani Surajprakash Narang	Impact Of Inventory Management On The Profitability Of Selected Indian Cement Companies
Dr. D. S. Mistry	2016-17	Khushbu A. Shah	Attributes of Corporate Bodies and Corporate social responsibility scoring in selected Public and Private Companies in India
		Dhvani S. Narang	Impact of Inventory Management on the Profitability of selected Indian Cement companies
		Sweta B. Soni	Determinants of Return on Equity of the selected Commercial and Passenger vehicle companies in India
		Nilam J. Kadiya	A comparative study of Determinants of capital structure of Pharmaceutical and Cement Industries in Gujarat
		Ritesh R. Macwana	A Comparative study on financial performance of Berger Paints and Asian Paints

**(C)Social Sciences**

**MPhil Students Guided by the Teachers of Social Sciences of Postgraduate Departments in 2016-2017**

No.	Department	MPhil Guided (Completed)
1	Library & Information Science	02
2	Political Science	01
3	Sociology	06
4	Education	02
5	Psychology	02
<b>Total</b>		<b>13</b>

**DEPARTMENT OF LIBRARY & INFORMATION SCIENCE**

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Dr.N.D.Oza	July,2016	Jyotsna Makwana	“Information Retrieval Enhancement through Social Bookmarking based Tag Cloud in ‘Make in India Domain’
Dr.N.D.Oza	July,2016	Supriya Parmar	“Information Retrieval Enhancement through Social Bookmarking based Tag Cloud in ‘Demonetization’

**DEPARTMENT OF POLITICAL SCIENCE**

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Prof. Baldev Agja		Kalu M. Garasiya	The Political Condition of Tribal Women Sarpanchs (In the Context of Dahod Taluka)

**DEPARTMENT PSYCHOLOGY**

Name of the Teacher	Date/ Award of the Degree	Name of the Student	Title of the Dissertation
Prof.S.M.Makvana	12/07/2016 C0014110	Ankit P.Patel	Some Psychological Issues of HIV Patient
Dr.P.S.Suvera	12/07/2016	Nikunj Shah	life style, Depression and Psychological Well-being on Diabetes Patient's

**DEPARTMENT OF EDUCATION**

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Dr. M.K. Yagnik	16-08-2016	Ms. Vandana C. Patel	Effectiveness of collaborative learning in Commerce in relation to certain variables
Dr. M.K. Yagnik	16-08-2016	Mr. Kiran B. Solanki	Effectiveness of collaborative learning in English in relation to certain variables

**DEPARTMENT OF SOCIOLOGY**

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Prof.Ramesh Makwana	14/07/2016	Mahesh V.Chauhan	The Role and Problems of women Police Constables: A Sociological study
	14/07/2016	Jayesh K.Dindor	A Sociological study of The problems and development of BPL Families of Tribal
	15/06/2016	VinodN. Parmar	The Impact of Drug addiction on tribal youth : A Sociological study
	15/06/2016	Sweta S.Parmar	Work place Harassment of Working Women : A Sociological study
Dr.Ila M.Macwan	17/10/2016	Dipika Parmar	Change of Pattern of Life partner in higher Educated Women
	17/10/2016	Auchitiya Parmar	Problem of Adjustment of New Marred couple

**(D)LANGUAGES****M Phil Students Guided by the Teachers of Postgraduate Departments of Languages in 2016-2017**

No.	Department	MPhil Guided
1	English	13
2	Gujarati	10
3	Hindi	15
4	Sanskrit	10
	<b>Total</b>	<b>48</b>

**DEPARTMENT OF ENGLISH**

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Dr J H Khan	In Process	Shaba Imtiyazkhan Pathan	An Existential Reading of Iris Murdoch's <i>The Sea</i> and <i>Nuns and Soldiers</i> (Will be submitting end September 2017)
	Waiting for Viva	Rajanikant Babubhai Vankar	Protest Literature: A Study of Select Afro-American and Dalit Short-stories (Will be submitting end September 2017)
	Not Complete	Bhavik Arvindbhai Makvana	The Theme of Partition: A Study of Kushvant Singh's <i>Train to Pakistan</i> and Bhishma Sahani's <i>Tamas</i> (Will be submitting end September 2017)
	Not Complete	Hitendrakumar Kirtisinh Chauhan	Has not reported so far. Yet to submit.
Dr R K Mandalia	31-07-2017	Dipali Bhanuprasad Rohit	A Thematic Study of Mahesh Dattani's Selected Plays
	31-07-2017	Komalben Arvindbhai Bhatt	Encountering Mysterious Lands: Migrant Surface in Abdulrazak Gurnah's Fiction
	31-07-2017	Rashmiben Bhanuprasad Chaudhari	Swarnakumari Devi's <i>The Wedding Tangle</i> and Usha Ganguli's <i>The Journey Within: A Comparative Study</i>
	31-07-2017	Rechalkumari Bhimsinhbhai Gamit	A Critical Study of English Translated Selected Gujarati Short Stories
	31-07-2017	Terency M. Parmar	Woman's Universe in Kundanika Kapadia's <i>Seven Steps in the Sky</i> and Anita Desai's <i>Cry, the Peacock</i>
Dr P J Dave	11-08-2017	Kajalben S. Gohel	Pain of Lost Homeland After Exile Due to Partition in Intizar Husain's Short Stories
	11-08-2017	Kirtikumar N. Makwana	The Stigma of Guilt in Khaled Hosseini's Novels <i>The Kite Runner</i> and <i>A Thousand Splendid Suns</i>

	11-08-2017	Pooja R. Raval	The Study of Two Graphic Novels: Munnu: A Boy From Kashmir and The Complete Maus
	--	Hardi Hemantkumar Pandya	Yet to submit.

## DEPARTMENT OF GUJARATI

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Prof. Dr. Pinakini Pandya	August - 2016	Ajaybhai B. Parmar	Sharadbabuni Navalkatha aadharit Filmo: Ek Tulnatmak Abhyas
	August - 2016	Asha Thakor	Bhashavimarsh Samayik: Ek Abhyas (Bhashavigyan aadharit Lekho Sandarbhe)
	August - 2016	Ashishkumar Rathva	Rathava Samajna Lokgito: Ek Abhyas (Xetr-Vistar: Kavant Taluko)
	August - 2016	Jigisha Vaghela	Sanshodha Xetre Vidyapith Samayiknu Pradan (Loksahitya ane Bhashavigyan Sandarbhe)
	August – 2016	Sanjay Chauhan	Farbas Gujarati Sabha Traimasik: Ek Abhyas (Madhyakalin Gujarati Sahityana Sanshodhan Lekho Sandarbhe)
	August – 2016	Shakiraehmad S Khokhae	Ravindranath Tagorni Tunki Varta parthi baneli Filmo: Ek Tulnatmak Abhyas (Pasandagini anudit Tunki Vartaona Aadhare)
	August – 2016	Yogesh Gamit	Farbas Gujarati Sabha Traimasik: Ek Abhyas (Arvachin Gujarati Sahityana Prakashit Lekho Sandarbhe)
Prof. Dr. Param Pathak	Sep. 2016	Shailesh parmar	Lok Gurjari samayikma lok Sahitya Vishayak lekho ek Abhyas (varsh 2013-14)
	Sep. 2016	Priti Parmar	Lok gurjari Samayikma Prakashit Lok sahitya Vishayak lekho Ek Abhyas
	Sep. 2016	Sunilkumar J. Parmar	Sabd shrushti Samayikma Prakashit Lok sahitya Vishayak lekho Ek Abhyas

## DEPARTMENT OF HINDI

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Dr. Dayashankar Tripathi	20/08/2016	Rajani Rajput	Kala Padari: Ek Adhyayan
	20/08/2016	Nisha B. Jhala	Shikanje Ke Dard:Ek Adhyayan
	20/08/2016	Rachana Rana	Gatar Ka Adami : Ek Adhyayan
Dr.	3/10/2017	Nilesh R. Chavda	'Bhanvar' Upanyas Me Dalit Chetna



Madanmohan Sharma	3/10/2017	Manisha M. Mistry	'Manikanika' Atamkatha Me Dalit Chetna
Dr. Dilip Mahera		Sushila Bhuriya	Marg Dodha Nilkanthu Hua : Ek Adhyayan
		Kiran Baraiya	Adivasi Vimarsh
		Sangita Rohit	Parukant Desai Ka Doha Sahitya
Dr. Hasmukh M. Parmar	1/08/2016	Himmatsinh Bhagora	Dhar : Ek Anushilan
	1/08/2016	Varsha I. Prajapati	Mahanayak Babasahen Dr. Ambedkar : Ek Adhyayan
	1/08/2016	Indira Padhiyar	Chitra Mrudgal Ki Chaynit Kahaniya : Ek Adhyayan
	1/08/2016	Rohit A. Chauhan	Hindi Ki Chuni Hui Lokgathao Ka Samixatmak Adhyayan
Dr. Seemaben Rathod	2017	Sangeeta Parmar	Pharishte Nikle : Ek Adhyayan
	Work in Continues	Khushbu Parmar	Nadi Ek Adhyayan
	Work in Continues	Meghal Parmar	Ek Safar Kanto Ka : Ek Adhyayan

#### DEPARTMENT OF SANSKRIT

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Prof.Dr. N. P. Patel	01/09/2016	Pandya Akshy Kumar Mahendrakumar	"Vaiyakaranasiddhantakaumudi Uparani 'Balamanorama' Tatha 'Tatvabodhini' Tikanu 'Halsandhi' Prakaranana Sandharbhama Tulanatmak Adhyayan"
	01/09/2016	Prajapati Priyankaben Chandrakantbhai	"Vadivagishvaracharya Virachit 'Manmanohar' Granthana Pratham Trana Prakaran (Ishvarsiddhi, Dravyaprakaran Ane Gunaprakaranu) Vivechanatmak Adhyayan"
	01/09/2016	Meda Ashwinbhai Surmalbhai	"Shrinivasacharya Pranit 'Yatindramatdipika' ma Nirupit Pramaya Nirupan Eka Adhyayan"
	01/09/2016	Vedani Yashviben Naitamlal	Sankhyakarika – Matharvruti Eka Adhyayan
Dr. P.V. Joshi	10/03/2017	Parmar Dipakkumar Anusinh	"Kathavastu Vibhajan Ange Natyashastriyoni Vicharanano Abhyasa (Natyashastra, Dashrupak Ane Sahityadarpanana Sandarbham)"
	10/03/2017	Sachala Rashmiben Dineshbhai	Dashrupak Ane Sahityadarpanane Adhare Nayak Vichar: Eka Tulanatmak Adhyayan
	10/03/2017	Bhoi Hiralben Kanubhai	Dashrupak Ane Sahityadarpanane Ahare Nayika Vichar: Eka Tulanatmak Adhyayan
Dr. M.G. Patel	03/10/2017	Chauhan Nilamben Viyasinh	Naradpuranama Vedo Ane Vedangonu Nirupun- Eka Adhyayan
	03/10/2016	Patel Bhaktibahen Mukeshbhai	"Shrinivasacharya Virachit 'Yatindramatdipika' ma Pramana Vicharana Eka Samikshatmak Adhyayan"

	30/01/2017	Parmar Narendrakumar Parsottambhai	Shankaracharya Virachit Vedant Vishayak Eka Adhyayan
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## (2) Students Pursuing MPhil in the Departments

### (A) Basic Sciences

#### MPhil Students Working under the Teachers of the Department at Present

Sr. No.	Department	MPhil Student (Pursuing)
1	Mathematics	02
2	Physics	05
3	Pharmaceutical Sciences	01
	<b>Total</b>	<b>08</b>

#### DEPARTMENT OF MATHEMATICS

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation
H V Dedania	July 2017	Avadh Patel	
D J Karia	July 2015	Mitali Solanki	Pro-C*-algebras

#### DEPARTMENT OF PHARMACEUTICAL SCIENCE

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation
Dr. Mrs. Bhavna Patel (Guide) Miss. Shraddha Parmar (Co-guide)	1-8-2016	Mr. Ravirajsinh Puwar	Analytical Method Development and Validation For Simultaneous Estimation of Naproxen And Esomeprazole Magnesium in Pharmaceutical Formulation

## DEPARTMENT OF PHYSICS

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation
Prof. P.C.Vinodkumar	July 2016	Keval Gandhi	Feasibility studies for Glueball Resonance states using Pandaroot
Prof. M.P.Deshpande		Hiteshkumar R. Bhoi	Characterisation of InP crystals by various experimental techniques
Prof. B.Y.Thakore	24-11-2016	Ankit. C. Khunt.	Elastic Properties of $Mg_{65}Cu_{25}Tb_{10}$ and $Tm_{55}Al_{25}Co_{20}$ Bulk Metallic Glasses using Pseudopotential Theory
Prof. B.Y.Thakore	24-11-2016	Bhoomika. S. Pandya.	Thermodynamic, Static and Vibrational Properties of Calcium at High Temperatures.
Prof. G.K.Solanki	June 2016	Kunjal S. Patel	Synthesis and photoelectrochemical study of $NbSe_2$ (DVT), $NbSe_2(I_2)$ and $NbS_2$ (DVT) crystals.

## (B) Economic Sciences

### MPhil Students Working under the Teachers of the Department at Present

Sr. No.	Department	MPhil Student (Pursuing)
1	Business Studies	36
2	Economics	01
	<b>Total</b>	<b>37</b>

## DEPARTMENT OF BUSINESS STUDIES

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation
Dr. S. K. Bhatt	2016-17	Sunitaben R. Varma	A Comparative Study Of Financial Performance Of Tata Motors Limited And Force Motors Limited
		Riddhi S. George	An Analytical Study Of Financial Performance Of TVS Motor Company Limited And Hero Motorcorp Limited
		Florence S. Christian	A Comparative Study Of Children Plans Of Sbi Life Insurance Company Limited And Life Insurance Corporation Of India.

Dr. P. K. Rathod	2016 -17	Ashutosh B. Mehta	A Comparative Study On Corporate Governance Disclosure Practice Of Gmm Pfaudler Limited And Elecon Engineering Company Limited, Vithal Udyognagar
		Rozbin A. Saeeda	A Comparative Study Of Financial Performance Of Icici And Hdfc Bank In India.
		Girishkumar P. Makwana	A Comparative Study On Profitability Analysis Of Torrent Power Limited And Adani Power Limited In India.
		Trishilaben A. Patel	A Study On Financial Performance Of Selected Sugar Companies In India.
		Kirtan P. Raval	A Study On Financial Analysis Of Agricultural Produce Market Committee Unjha, Mehasana, Gujarat
		Nirdoshkumar J. Patel	A Comparative Study On Corporate Social Responsibility Practice Of Gujarat Narmada Valley Fertilizers And Chemicals Limited And Gujarat State Fertilizers And Chemicals Limited In Gujarat.
Dr. C. K. Sonara	2016-17	Nisha Zala	An Indepth Study Of Financial Performance Of The Vvcc Bank Limited Vallabh Vudhyanagar And The Kdcc Bank Limited Nadiad .
		Mitalkumar D. Chaudhari	A Comparative Study Of Profitability Performance Of The Shree Khedut Sahakari Khand Udyog Mandli Limited Bardoli And Shree Madhi Vibhag Khand Udyog Sahakari Khand Udyog Mandli Limited In Surat District.
		Henali. N. Chhasatiya	An Analytical Study Of Working Capital Management Of Jsl Industries Ltd. Mogari & Atlanta Electrical Pvt Ltd. Vithal Udhyanagar.
		Ruksharbanu S. Saiyed	An In-Depth Study Of Financial Statement Analysis Of Hdfc Bank Ltd And The Central Bank Of India.
		Unnati S. Chaudhari	A Comparative Study Of Employee Welfare Facilities Of The Shree Khedut Sahakari Khand Udyog Mandli Ltd Badoli And Shree Madhi Vubhag Khand Udyog Sahakari Mandli Ltd Madhi In Surat District
		Avani A. Mistry	A Comparative Study Of The Financial Performance Of Anand Mercantile Co-Operative Bank Ltd.
Dr. Y. M. Dalwadi	2016 -17	Jyotiben B. Pandit	An Analysis Of Financial Distress Of Selected Public Sector Enterprise Of India
		Neha N. Deshpande	Role Of Micro Finance And Self Help Group For The Socio-Economic Development Of Rural Women In Anand District- A Case Study Of Setu Sewa Trust
		Dhavani J. Brahmabhatt	A Study On Measuring Financial Well-Being Of Selected People Of Gujarat
		Shivanisinh S. Parmar	A Study On Financial Performance Evaluation Of Selected Fmcg Companies Of India With Reference To Data Envelopment Analysis (Dea)
		Puja Mengar	A Comparative Study On Non-Performing Assets On Selected Public And Private Sector Banks In India

Dr. R. M. Joshi	2016-17	Hiral K Vaghela	A Comparative Study On Consumer Satisfaction With Reference To Soft Drinks In Anand City
		Sahista G. Vora	A Comparative Study Of Capital Structure With Special Reference To Selected Textile Companies In India.
		Nuzhat S. Saiyed	A Comparative Study Of Online And Offline Shopping: A Case Study Of Nadiad City.
		Mittalben A. Dhokiya	An Empirical Of Dividend Policy And Its Impact On Shareholders Wealth In Anand District
		Bhaves G. Patidar	A Study On Human Resource Policies Of Big Bazaar With Special Reference To Anand City
		Vijaykumar C. Vankar	A Study On Consumer Preference Towards Selected 4g Service Providers In Anand City
Dr. P. R. Sheth	2016-17	Satis Kumar Pandey	A Comparative Study Of Financial Performance Of Ongc Limited And Gail Limited In India.
		Pakiza I. Ghanchi Vahora	A Comparative Study Of Financial Performance Of Sanghi And Ambuja Cements Limited
		Mrugakshi Chaudhari	A Study On Working Capital Management Of Selected Cement Companies Of India .
		Iwansh A. Christian	A Study On Profitability Analysis Of Selected Textile Units Located In India.
		Bhavika S. Prajapati	A Study On Financial Performance Of Selected Information Technology Companies Of India .
		Vivek Agrawal	Human Resource Development Policies & Practices In Selected Private And Public Bank Sector In Anand District.
Dr. D. S. Mistry	2016-17	Chetanbhai D. Bhutka	A Comparative Study On Financial Performance Of Hyundai Motor India Limited And Maruti Suzuki India Limited In India .
		Prashantkumar M. Pilot	A Study On Consumer Perception Towards Telemarketing In Anand City.
		Milankumar H. Dhamecha	A Comparative Study On Profitability Analysis Of Cadila Healthcare Limited And Torrent Pharmaceuticals Limited In Gujarat.
		Jitendrakumar J. Patel	An Empirical Study Of Financial Performance Of Gujarat State Seeds Corporation Limited .

#### DEPARTMENT OF ECONOMICS

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation
Dr. J.K. Barot		Rakesh Vankarsadhu	

**(C) Social Sciences**

**MPhil Students Working under the Teachers of the Department at Present**

<b>Sr. No.</b>	<b>Department</b>	<b>MPhil Student (Pursuing)</b>
1	Library & Information Science	01
2	Political Science	01
3	Psychology	08
4	Sociology	10
5	History	01
<b>Total</b>		<b>21</b>

**DEPARTMENT OF HISTORY**

<b>Name of the Teacher</b>	<b>Date of Registration</b>	<b>Name of the Student</b>	<b>Title of the Dissertation</b>
Dr. Hemant Dave	08-10-2015	Mr. Pankaj Rohit	

**DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE**

<b>Name of the Teacher</b>	<b>Date of Registration</b>	<b>Name of the Student</b>	<b>Title of the Dissertation</b>
Dr.N.D.Oza	Aug.2017	Sanjaykumar Pillai	“Application areas of Dynamic Visual querying for effective Library Management : A Perspective Study”

**DEPARTMENT OF POLITICAL SCIENCE**

<b>Name of the Teacher</b>	<b>Date of Registration</b>	<b>Name of the Student</b>	<b>Title of the Dissertation</b>
Prof. Baldev Agia	05/10/2015	Reshma A. Vora	The Contribution of Sardar Patel in Moulding of the Constitution of India

### DEPARTMENT OF PSCHOLOGY

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation
Prof.S.M. Makvana	19/7/2016	Avani N.Parmar	A study of Industrial employee with reference to adjustment pattern and job motivation
	19/7/2016	Chandravandan N.Chaudhari	A study of Aggression and stress among perusing of B.Ed college students
	19/7/2016	Samira A Khalifa	A study of Organizational health Job satisfaction reference to Nurses of Navsari district
Dr.S.N. Pathak	19/7/2016	Jani Sharad	A study of mental health and adjustment among old ages people living in old age home and within family setup
	19/7/2016	Rukshad M.Gori	A study of emotional maturity and adjustment among government and privet school teachers
	19/7/2016	Vikram V. Talpapada	A study of level of aspiration and study habits of arts commerce and science college students
Dr.P.S. Suvera	19/7/2016	Manisha D. Jamod	A study of internet addiction, personality and psychological adjustment among graduation and post graduation students
	19/7/2016	Manoj M. Gamit	A study of socio-economic status, personality and life satisfaction among tribal and non-tribal college students

### DEPARTMENT OF SOCIOLOGY

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation
Prof.Ramesh Makwana	27 <sup>th</sup> July 2016	Rahul M. Patel	The Role of Non-government Organization in Women Development: A Sociological study
	27 <sup>th</sup> July 2016	Satish R. Amliyar	The Role of Co-operative Mandli in Tribal Development: A Sociological study
Dr.Jayprakash M.Trivedi	27 <sup>th</sup> July 2015	Rajeshvari Parmar	A Study of Anganvadi Women
	27 <sup>th</sup> July 2016	Dhaval S. Patel	A Sociological Study on Trainee Women ITI
	27 <sup>th</sup> July 2016	Mitesh R. Prajapati	The Hijara : A Sociological Study

Dr.Ila M.Macwan	27 <sup>th</sup> July 2015	Saraswati Patel	Research Study of Widows
	27 <sup>th</sup> July 2015	Devendra Solanki	Hypergamy marriage in Rajput Caste
	27 <sup>th</sup> July 2015	Jagruti Prajapati	A Study of unorganized sector-Papad Factory
	27 <sup>th</sup> July 2016	Priya Patel	Divorcy:A Sociological Study
	27 <sup>th</sup> July 2016	Upendra Mahera	A Study of unemployment Youth

**(D) Languages**

**MPhil Students Working under the Teachers of the Department at Present**

Sr. No.	Department	MPhil Student (Pursuing)
1	Gujarati	14
2	Hindi	07
3	Sanskrit	08
4	English	04
	<b>Total</b>	<b>33</b>

**DEPARTMENT OF ENGLISH**

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation
Dr R K Mandalia	1206023 06-10-2017	Gaurangkumar K. Patel	To be Decided
	1107731 06-10-2017	Kinjalben M Thakor	To be Decided
Dr P J Dave	1206663 06-10-2017	Khyati M. Sorathiya	To be Decided
	1206667 06-10-2017	Surekha D. Sing	To be Decided



## DEPARTMENT OF GUJARATI

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Dissertation
Dr. Param Pathak	2017	Harshad Rathod	Gujrati Sahityana Sudharak Yug Angenu sahitya sanshodhan Ek sarvekshan
	2017	Mitesh Parmar	Gujrati Lok Sahityana Sanshodhan sampadanma Dalpatram, balabahen ane indira gaurinu Pradan
	2017	Arpita Bhaliya	Girish karnad Krut Agni varsha Natak ane Agni Ane Varsha Film Ek Abhyas
	2017	Ajay Purabiya	Gujrati Sahityama Sudharak Yugni Pasandgini Krutioma Hasya Ras Ek Adhyayan
	2017	Dharav Barot	Mul Shreemad Bhagvatma Alekhit nagdaman kathanu hindi ane gujarati kavya sahityama Samprasaran Ek tulnatmak Adhyayan
Dr. Pinakini Pandya	2017	Nilesh Gamit	Gamit Bolini Kahevano Ane ukhana Ek abhyas
	2017	Rupal Rohit	Sanshodhak K. K. shastri Ek Abhyas
	2017	Minaxi Makwana	Gujrati Vivechanma Shaili vichar
	2017	Rinku Patel	Sanshodhak Bhogilal Sandeshara Ek Abhyas
Dr. R. V. Chaudhari	2017	Padma Rohit	Ognismi Sadini tran Englandni Pravas Kathaono Abhyas
	2017	Rakesh Zala	Gujrati Sahityama Dalit Atmakatha Ek Abhyas
	2017	Sanjana Parmar	Ognismi Sadima Gujrati Kahevat Kshetre Thayel Karyano sanshodhnatmak Abhyas
	2017	Usha Bhoi	Bin Dalit Gujrati KAvioni Dalit Kavita Ek Abhyas
	2017	Nayan Boghra	Karsandas mulji Vyaktitva anr sarjan ek Abhyas

## DEPARTMENT OF HINDI

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation
Dr. Dayashankar Tripathi	17/09/2016	Karan Z. Thakor	Nagarjun Ki Kavita Men Prakruti Aur Manashy Sambandh
Dr. Madanmohan Sharma	2017-18	Suhanibahen P. Thakor	Nirmala Jain Krut 'Jamane Mei Hum' : Ek Anushilan
Dr. Dilip Mahera	2017-18	Mahesh Baraiya	
Dr. Hasmukh M. Parmar	July-2016	Jayendrasinh K. Rathod	Mahatma Gandhi Kendrit Hindi Ki Chuni Hui Kavita Ka Adhyayan
	July-2016	Ankita Sharma	Vruddhavastha Ke Pariprekshya Mei 'Giligaddu' Upanyas Ka Adhyayan
	July-2016	Priyanka M. Shrimali	Dr. Krushnadev Upadhyay Ka Loksahitya Vishyak Adhyayan Karya : Ek Anushilan
Dr. Seemaben Rathod	2017-18	Dipikaben N. Vaghela	Ramnika Gupta -Hadhse (Atmakatha) : Ek Adhyayan

## DEPARTMENT OF SANSKRIT

Name of the Teacher	Date of Registration	Name of the Student	Title of the Dissertation
Prof.Dr. N. P. Patel	12/08/2016	Rathava Divyaben Naranbhai	Shreenivasacharya Virachit Yatindramatdipikatikano Satamo Avatar: Eka Adhyayan
	12/08/2016	Bhatiya Geetaben Bharubhai	Shreenivasacharya Virachit Yatindramatdipikatikana Pratham Avatarno Vivechanatmak Abhyas
	12/08/2016	Raj Rajeshri Ashokkumar	Shreenivasacharya Virachit Yatindramatdipikatikano Dvitiya ane Trutiya Avatar: Eka Adhyayan
	12/08/2016	Rohit Tejalben Manubhai	Shreenivasacharya Virachit Yatindramatdipikatikana Athama Avatarno Vivechanatmak Abhayas
	12/08/2016	Bhoi Nilamben Pujabhai	Shreenivasacharya Virachit Yatindramatdipikatikano Navamo Avatar Eka Abhyas

	19/08/2016	Saiyed Ashiyanabanu Abdulrahid	Bhasa Rachit Mahabharata Mulak Rupakona Mula Kathanak ma Thayela Parivartano Eka Adhyayan
Dr. M.G. Patel	12/08/2016	Rathva Rahul Kumar Jesingbhai	Ambalal Prajapati Virachit Gujarat Gaurav Laheri : Eka Adhyayan
	12/08/2016	Parmar Sejalben Ramnabhai	Shankaracharya virachit Devi Vishayak Stotro : Eka Samikshatmak Adhyayan

### 3.2 Publications

#### (1) Research Papers Published in Academic Journals

##### (I) An Overview

#### Publication of Research Papers in International/National/State Level Journals by the Teachers of Postgraduate Departments in 2016-2017

Sr No.	Departments	International	National	State
1	Basic Sciences	222	29	01
2	Economic Sciences	29	40	03
3	Social Sciences	14	03	-
4	Languages	01	08	11

##### (II) Publications of Research Papers from the University Departments.

#### (A) Basic Sciences

#### Research Papers Published by the Teachers of Basic Sciences of Postgraduate Departments in International/National/State-Level Journals in 2016-2017

Sr No.	Departments	International	National	State
1	Bio Science	68	02	-
2	Chemistry	45	07	01
3	Computer Science	16	01	-
4	Electronics	09	02	-
5	Material Sciences	06	-	-
6	Mathematics	08	01	-
7	Pharmasutical Science	-	-	-

8	Home Science	07	10	-
9	Physics	55	06	-
10	Centre for Interdisciplinary Studies in Science & Technology	08	-	-
	<b>Total</b>	<b>222</b>	<b>29</b>	<b>01</b>

#### DEPARTMENT OF BIOSCIENCES

Author(s)	Title	Journal	Status International/Natio nal/ Regional/Local	Vol.No. And Issue No.	P.P.	Month & Year
Balapure K, Jain K, Bhatt N, Madamwar D	Exploring bioremediation strategies to enhance the mineralization of textile industrial wastewater through sequential anaerobic-microaerophilic process	<i>International Biodeterioration &amp; Biodegradation</i>	International	06	97-105	2016
Patel V, Shah C, Deshpande M, Madamwar D.	Zinc oxide nanoparticles supported lipase immobilization for biotransformation in organic solvents: A facile synthesis of geranyl acetate, effect of operative variables and kinetic study	<i>Applied Biochemistry and Biotechnology</i>	International	178	11630-11651	2016
Sonani R. R., Rastogi R. P., Patel R, Madamwar D	Recent advances in production, purification and application of phycobiliproteins	<i>World Journal of Biological Chemistry</i>	International	7	100-109	2016
Patel V, Sharma A, Lal R and Madamwar D	Response and resilience of soil microbial communities inhabiting in edible oil stress/contamination from industrial estates.	<i>BMC Microbiology</i>	International	16	50	2016
Khalid A, Rahman S, Sonani R, Khan FI,	Ahmad F and Hassan I. (2016). Probing pH sensitivity of $\alpha$ C-phycoerythrin and its	<i>International Journal of Biological</i>	International	180	1029-1042	2016

Islam A, Madamwar D	natural truncant: A comparative study.	<i>Macromolecules</i>				
Shah B, Mohan V, Jiyani H., Jain K, Madamwar D.	Microaerophilic symmetric reductive cleavage of reactive azo dye – Ramazole Brilliant Violet 5R by developed consortium VIE6: community synergism.	<i>Applied Biochemistry and Biotechnology.</i>	International	129	7-28	2016
Kumar V, Sonani R. R., Gupta G. D, Madamwar D.	Crystal structure analysis of C-phycoerythrin from marine cyanobacterium <i>Phormidium</i> sp. A09DM.	<i>Photosynthesis Research.</i>	International	16	110-118	2016
Rastogi R. P., Sonani R. R., Madamwar	Characterization and antioxidant function of mycosporin-like amino acids in the cyanobacterium <i>Nostoc</i> sp. R76DM.	<i>Algal Research,</i>	International	4(2)	e00211	2016
Shah B, Patel A, Madamwar D.	Kinetic modeling and community dynamics of microaerophilic treatment of textile dyes containing effluent by consortium VIE6.	<i>Environmental Process.</i>	International	179	514-529	2016
Johnson J, Shah B, Jain K, Parmar N, Hinsu A, Patel N, Joshi C, Madamwar D. Sonani R. R, Rastogi R, Singh, Singh N.K, Thadani J, Patel P , Kumar J, Tiwari A, Devkar R and	Draft Genome Sequence of <i>Paenibacillus</i> sp. Strain DMB5, Acclimatized and Enriched for Catabolizing Anthropogenic Compounds..	<i>Genome Announc</i>	International	6	62	2016

Madamwar D.						
Chattaraj S, Purohit H, Sharma A, Jadeja N, Madamwar D	Phycoerythrin averts intracellular ROS generation and physiological functional decline in eukaryotes under oxidative stress.	<i>Protoplasma.</i>	International	7	29	2016
Narayan A., Jain K., Shah A., Madamwar D	Treatment of Common Effluent Treatment Plant Wastewater in a Sequential Anoxic–Oxic Batch Reactor by Developed Bacterial Consortium VN11.	<i>Applied Biochemistry &amp; Biotechnology</i>	International	10	182-188	2016
Vaidya S., Jain K., Madamwar D.	An efficient and cost effective method for DNA extraction athalossohaline Soil using newly formulated cell extraction buffer.	<i>3 Biotech.</i>	International	5	2233	2016
Patel V., Deshpande M., Madamwar D.	Metabolism of pyrene through phthalic acid pathway by enriched bacterial consortium composed of <i>Pseudomonas</i> , <i>Burkholderia</i> , and <i>Rhodococcus</i> (PBR),	<i>3 Biotech</i>	International	123	216-227	2017
Rastogi R. P., Madamwar D.	Increasing esterification efficiency by double immobilization of lipase-ZnO bioconjugate into sodium bis(2-ethylhexyl) sulfosuccinatr (AOT)- reverse micelles and microemulsion based organogels.	<i>Biocatalysis and Agricultural Biotechnology</i>	International	243	1194-2017	2017
Devpura N., Jain K., Patel A., Joshi C., Madamwar D	Rastogi R. P., Madamwar D. (2016). Cyanobacteria synthesize their own UV-screens for photoprotection.	<i>Bioenergetics</i> (Open Access)	International	In Press		2016

Khetkorn W., Rastogi R. P., Incharoensakdi A. Lindblad P. Madamwar D. Larroche C. Pandey A.	Metabolic potential and taxonomic assessment of bacterial community of an environment to chronic industrial discharge.	<i>International Biodeterioration &amp; Biodegradation</i>	International	In Press		2017
Patel V. Deshpande M., Pandey A. Larroche C. Madamwar D	Microalgal hydrogen production – A review.	<i>Bioresource Technology</i>	International	245	325-331	2017
Choubbeh R. R. , Sonani R. R., Madamwar D., Struik P. C., Bader A. N., Robert B., van Amerongen. H.	Nanobiocatalysis for synthesis of pentyl valerate in organic solvents; Characterization, optimization and reusability studies.	<i>Current Biotechnology</i>	International	In Press		2017
Sonani R. R., Patel S., Bhastana B., Jakharia K.,Chaubey M.G., Singh N. K., Madamwar D.	Picosecond excitation energy transfer of allophycocyanin studies in solution and in crystal.	<i>Photosynthetic Research</i>	International	In Press		2017
Sonani R. R., Roszak A. W., Northumberland C. D. de Percia, Madamwar D., Cogdell R. J.	Purification and antioxidant activity of phycocyanin from <i>Synechococcus</i> sp. R42DM isolated from industrially polluted site.	<i>Bioresource Technology.</i>	International	In Press		2017

Narayan A., Patel V., Singh P., Patel A., Jain K., Karthikeyan K. Shah A., Madamwar D.	An improved crystal structure of C-phycoerythrin from the marine cyanobacterium <i>Phormidium</i> sp. A09DM. <i>Photosynthetic Research</i> .	<i>Photosynthetic Research</i> .	International			2017
Patel S. N., Sonani R. R., Kinnari J., Bhastana B., Patel	Response of microbial community structure to seasonal fluctuation on soils of Rann of Kachchh, Gujarat, India: representing microbial dynamics and functional potential.					2017
H. M., Chaubey M. G., Singh N. K., Madamwar D.	Antioxidant activity and associated structural attributes of <i>Halomicronema phycoerythrin</i> .					2017
Kiransinh N. Rajput, Kamlesh C. Patel and Ujjval B. Trivedi	$\beta$ -cyclodextrin production by cyclodextrin glucanotransferase from an alkaliphile <i>Microbacterium terrae</i> KNR 9 using different starch substrates.	Biotechnology Research International	International	Article ID:2014359	07 pages	2016
Kiransinh N. Rajput, Kamlesh C. Patel and Ujjval B. Trivedi	A novel cyclodextrin glucanotransferase from an alkaliphile <i>Microbacterium terrae</i> : purification and properties.	3 Biotech	International	DOI:10.1007/s13205-016-0495-6	11 pages	2016
Y Jha, RB Subramanian	Reduced cell death and improved cell membrane integrity in rice under salinity by root associated bacteria	Theoretical and Experimental Plant Physiology	International	27 (3-4),	227-235	2016
Y Jha, RB Subramanian	Rhizobacteria enhance oil content and physiological status of <i>Hyptis suaveolens</i> under salinity stress	Rhizosphere	International	1	33-35	2016
AP Sudhir, VV Agarwal, BR Dave, DH Patel, RB	Enhanced catalysis of L-asparaginase from <i>Bacillus licheniformis</i> by a rational redesign	Enzyme and microbial technology	International	86	1-6	2016



Subramanian						
K Panchal, RB Subramanian	A journey from heavy metal to metallothionein: a critical review of heavy metal remediation by plants	International Journal Of Scientific Research	National	5	5-10	2016
Harshvadan Patel, Digantkumar Chapla, Amita Shah	Bioconversion of pretreated sugarcane bagasse using enzymatic and acid followed by enzymatic hydrolysis approaches for bioethanol production.	Renewable Energy	International	109	323-331	2017
Harshvadan Patel, Jyoti Divecha, Amita Shah	Microwave assisted alkali treated wheat straw as a substrate for co-production of (hemi)cellulolytic enzymes and development of balanced enzyme cocktail for its enhanced saccharification	Journal of the Taiwan Institute of Chemical Engineers	International	71,	298–306	2017
Harshvadan Patel, Jyoti Divecha, Amita Shah	Efficient Enzymatic Digestion of Alkali Treated Maize Stover Holocellulose by Developing Balanced Cocktail of Cellulolytic and Hemicellulolytic Enzymes	Waste and biomass valorization	International	DOI 10.1007/s12649-016-9769-9		2017
Bose A, Kher MM, Nataraj M, Keharia H	Phytostimulatory effect of indole-3-acetic acid by <i>Enterobacter cloacae</i> SN19 isolated from <i>Teramnus labialis</i> (L. f.) Spreng rhizosphere.	Biocatalysis and Agricultural Biotechnology	International	6	128–137	April 2016
T.V.RamanaRao, Nilanjana S. Baraiya, Pinal B. Vyas and Dhara M. Patel	Composite coating of alginate-olive oil enriched with antioxidants enhances postharvest quality and shelf life of Ber fruit ( <i>Ziziphus mauritiana</i> L. var. Gola)	Journal of Food Science and Technology	International	53	748-756	2016
Nilanjana S. Baraiya, T. V. Ramana Rao and V. R. Thakkar	Composite coating as a carrier of antioxidants improves the post harvest shelf life and quality of Table grapes ( <i>Vitis vinifera</i> L. var. Thompson seedless)	Journal of Agricultural Science and Technology	International	18	93 -107	2016
Pinal B. Vyas, T. V. Ramana Rao and V. R. Thakkar	Chemical elicitors improves the shelf life of Phalsa ( <i>Grewia asiatica</i> L.) by inducing its antioxidants and controlling microbes	Fruits	International	71 (5)	307 – 317	2016
A. S. Nandane, Rudri	Optimization of edible coating	Journal of Food	International	54(1)	1 – 8	2017

K. Dave and T.V.RamanaRao	formulations for improving postharvest quality and shelf life of pear fruit using Response Surface Methodology	Science and Technology				
Sonu Sharma and T. V. Ramana Rao	Responses of fresh-cut products of four mango cultivars under two different storage conditions	Journal of Food Science and Technology	International	54(6)	1689-1702	2017
Arpit V. Joshi, Nilanjana S. Baraiya, Pinal B. Vyas and T. V. Ramana Rao	Gum ghatti based edible coating emulsion with an additive of clove oil improves the storage life and maintains the quality of papaya ( <i>Carica papaya</i> L., cv. Madhu bindu).	International Journal of Current Microbiology and Applied Sciences	National	6 (5)	160-174	2017
Rudri K. Dave, T. V. Ramana Rao and A. S. Nandane	Improvement of post-harvest quality of pear fruit with optimized composite edible coating formulation.	Journal of Food Science and Technology	International	(DOI 10.1007/s13197-017-2850-y)		2017
T. V. Ramana Rao and Soumya V	Nutraceutical value and quality attributes of icebox watermelon fruit as influenced by ripening	International Food Research Journal	International	(Accepted - Ref.: ID is IFRJ16842)		2017
Tekalign Kejela, Vasudev R. Thakkar Ravi R. Patel	A novel strain of <i>Pseudomonas</i> inhibits <i>Colletotrichum gloeosporioides</i> and <i>Fusarium oxysporum</i> infections and promotes germination of coffee	Rhizosphere	International	4	9-15	March 2017
P Thakor, R B Subramanian, S S Thakkar, A Ray, V R Thakkar	Phytol induces ROS mediated apoptosis and inhibits tumor progression factor Glucose 6 phosphate dehydrogenase in A549 cell line	Biomedicine and Pharmacotherapy	International	92	491-500	2017
SS Thakkar, P Thakor, A Ray, H Doshi, V R Thakkar	Benzothiazole analogues: synthesis, characterization, MO calculations with PM6 and DFT, in silico studies and in vitro antimalarial as DHFR inhibitors and antimicrobial activities	Bioorganic & medicinal chemistry	International	<i>In Press</i>	--	2017
SC Karad, VB Purohit, RP Thummar, BK Vaghasiya, RD	Synthesis and biological screening of novel 2-morpholinoquinoline nucleus clubbed with 1, 2, 4-oxadiazole motifs	European journal of medicinal chemistry	International	126	894-909	2017

Kamani, Parth Thakor, Vasudev R Thakkar, Sampark S Thakkar, Arabinda Ray, Dipak K Raval						
P Thakor, W Song, R B Subramanian, V R Thakkar, D A Vesey, G C Gobe	Maslinic acid inhibits proliferation of renal cell carcinoma cell lines and suppresses angiogenesis of endothelial cells and VHL	Journal of Kidney Cancer	International	4(1)	16	2017
T Kejela, V R Thakkar, P Thakor	Bacillus species (BT42) isolated from Coffea arabica L. rhizosphere antagonizes Colletotrichum gloeosporioides and Fusarium oxysporum and also exhibits multiple...	BMC microbiology	International	16 (1)	277	2016
PB Vyas, VRR Tadapaneni, Vasudev R. Thakkar	Chemical elicitors improve the shelf life of phalsa (Grewia asiatica L.) by inducing antioxidants and controlling microbes 71 (5), 307-317	Fruits	International	71 (5)	307-317	2016
RR Patel, V R Thakkar, RB Subramanian	Simultaneous Detection and Quantification of Phytohormones by a Sensitive Method of Separation in Culture of Pseudomonas sp.	Current microbiology	International	72 (6)	744-751	2016
SC Karad, VB Purohit, P Thakor, V R Thakkar, DK Raval	Novel morpholinoquinoline nucleus clubbed with pyrazoline scaffolds: Synthesis, antibacterial, antitubercular and antimalarial activities	European journal of medicinal chemistry	International	112	270-279	2016
SB Gajera, JV Mehta, P Thakor, V R Thakkar, PC Chudasama, JS Patel, Mohan N Patel	Half-sandwich iridium III complexes with pyrazole-substituted heterocyclic frameworks and their biological applications	New Journal of Chemistry	International	40 (12)	9968-9980	2016
JV Mehta, SB Gajera, DB Raval, VR Thakkar, MN Patel	Biological assessment of substituted quinoline based heteroleptic organometallic compounds	MedChemComm	International	7 (8)	1617-1627	2016

P Thakor, JB Mehta, RR Patel, DD Patel, RB Subramanian, VR Thakkar	Extraction and purification of phytol from <i>Abutilon indicum</i> : cytotoxic and apoptotic activity	RSC Advances	International	6 (54),	48336-48345	2016
NS Baraiya, TV Ramana Rao, VR Thakkar	Composite Coating as a Carrier of Antioxidants Improves the Postharvest Shelf Life and Quality of Table Grapes ( <i>Vitis vinifera</i> L. var. Thompson Seedless)	Journal of Agricultural Science and Technology	International	18 (1)	93-107	2016
Tekalign Kejela, Vasudev R. Thakkar Ravi R. Patel	A novel strain of <i>Pseudomonas</i> inhibits <i>Colletotrichum gloeosporioides</i> and <i>Fusarium oxysporum</i> infections and promotes germination of coffee	Rhizosphere	International	4	9-15	March 2017
Teixeira da Silva JA, Kher MM, Soner D, Nataraj M, Dobránszki J, Millar MA (2017)	<i>Santalum</i> molecular biology: molecular markers for genetic diversity, phylogenetics and taxonomy, and genetic transformation.	Agroforestry System	International			February, 2017.
Joshi H, Nekkala S, Soner D, Kher MM, Nataraj M (2016)	<i>In vitro</i> shoot multiplication of <i>Withania coagulans</i> (Stocks) Dunal.	Plant Tissue Culture and Biotechnology	International	Volume 26 (2);	187–195	December, 2016
Teixeira da Silva JA, Kher MM, Soner D, Nataraj M (2016)	Sandalwood spike disease: a brief synthesis.	Environmental and Experimental Biology	International	Volume 14	199–204.	December, 2016
Teixeira da Silva JA, Kher MM, Nataraj M (2016)	Biotechnological advances in <i>Vitex</i> species, and future perspectives	Journal of Genetic Engineering and Biotechnology	International	Volume 14	335–348.	October, 2016
Patel D, Nataraj M (2016)	Study of biosurfactant producing bacteria and preliminary characterization of biosurfactant produced by bacillus species isolated from petroleum contaminated soil.	journal of microbiology, Biotechnology and Food Science	International	Volume 14	823–827	October, 2016
Kher MM, Soner D, Srivastava N, Nataraj M, Teixeira da Silva JA (2016)	Micropropagation of <i>Clerodendrum phlomidis</i> L.F.	Journal of Horticultural Research	International	Volume 24 (1)	21–28.	May, 2016
Teixeira da Silva JA,	Sandalwood: basic biology, tissue culture,	Planta	International	Volume 243	847–887	April,

Kher MM, Soner D, Page T, Zhang X, Nataraj M, Ma G (2016)	and genetic transformation.					2016
Teixeira da Silva JA, Kher MM, Soner D, Nataraj M (2016)	African Sandalwood or Nepalese Sandalwood: a Brief Synthesis	Notulae Scientia Biologicae	International	Volume 8	57–61	March, 2016
Bose A, Kher MM, Nataraj M, Keharia H (2016)	Phytostimulatory effect of indole-3-acetic acid by <i>Enterobacter cloacae</i> SN19 isolated from <i>Teramnus labialis</i> (L. f.) Spreng rhizosphere.	Biocatalysis and Agricultural Biotechnology	International	Volume 6	128–137	March, 2016
Kiransinh N. Rajput, Kamlesh C. Patel and Ujjval B. Trivedi	$\beta$ -cyclodextrin production by cyclodextrin glucanotransferase from an alkaliphile <i>Microbacterium terrae</i> KNR 9 using different starch substrates.	Biotechnology Research International	International	Article ID:2014359	07 pages	
Kiransinh N. Rajput, Kamlesh C. Patel and Ujjval B. Trivedi	A novel cyclodextrin glucanotransferase from an alkaliphile <i>Microbacterium terrae</i> : purification and properties.	3 Biotech	International	DOI:10.1007/s13205-016-0495-6	11 pages	
Kiransinh Rajput, K. Patel, and Ujjval B. Trivedi:	Screening and selection of medium components for cyclodextrin glucanotransferase production by new alkaliphile <i>Microbacterium terrae</i> KNR 9 using Plackett-Burman design,	Biotechnology Research International	International			

#### DEPARTMENT OF CHEMISTRY

Author(s)	Title	Journal	Status International/National/Regional/Local	Vol.No. And Issue No.	P.P.	Month & Year
N. Dhariya, U. Patel, D. Ray, V. K. Aswal, N. V. Sastry and P. Bahadur	Different pH triggered aggregate morphologies in sodium oleate – cationic surfactants mixed systems	New J Chem	International	41	-	2017

D. K. Singh, N. V. Sastry, P. A. Trivedi	Amphiphilic copolymers and surface active ionic liquid systems in aqueous media – surface active and aggregation characteristics	Colloids and Surf. A	International	524	-	2017
N. V. Sastry, D. K. Singh, A. D. Thummar, G. Verma, P. A. Hassan	Effect of hydrocarbon surfactants on dexamethasone solubilization into silicone surfactant micelles in aqueous media and its release from agar films as carriers	Journal of Molecular Liquids	International	225	-	2017
U. Patel, P. Parekh, N. V. Sastry, V. K. Aswal, P. Bahadur	Surface activity, micellization, and solubilization of cationic Gemini surfactant – conventional surfactants mixed systems	Journal of Molecular Liquids	International	225	-	2017
S. Padsalia, N. Dhariya, N. V. Sastry, V. K. Aswal, P. Bahadur	Microstructural morphologies of CTAB Micelles Modulated by Aromatic Acids	RSCAdv.	International	6	-	2016
N. V. Sastry and I. R. Ravalji	Densities, Speeds of Sound, and Excess Partial Excess Properties of Room Temperature Ionic Liquids of Type $[C_nPy][X]$ or $[Cn4mpy][X]$ (where $n = 6$ or $9$ , $[X] = Cl^-$ or $Br^-$ ) + Water Binary Mixtures at $T = (308.15 \text{ and } 318.15)K$	J. Chem. Eng. Data	International	61	-	2016
Sanjaykumar B. Gajera, Jugal V. Mehta, Mohan N. Patel	Metal-based biologically active compounds: design, synthesis, medicinal, toxicity and DNA interaction assay;	Med. Chem. Res.	International	25	-	2016
Pankajkumar A. Vekariya, Parag S. Karia, Jayraj V. Vaghasiya, Saurabh Soni, E. Suresh, Mohan N. Patel	Evolution of rhodium(III) and iridium(III) chelates as metallonucleases	Polyhedron	International	110	-	2016

Jugal V. Mehta, Sanjay B. Gajera, Mohan N. Patel	Design, synthesis and biological evaluation of pyrazoline nucleus based homoleptic Ru(III) compounds	MedChemComm.,	International	147	-	2016
Jugal V. Mehta, Sanjay B. Gajera, Mohan N. Patel	Biological applications of pyrazoline based half-sandwich ruthenium(III) 3 coordination compounds,	Journal of Biomolecular Structure & Dynamics	International	doi.org/10.1080/07391102.2016.1189360	-	2016
Jugal V. Mehta, Sanjay B. Gajera, Dilip B. Raval, Vasudev R. Thakkar, Mohan N. Patel	Biological assessment of substituted quinoline based heteroleptic organometallic compounds	MedChemComm	International	7	-	2016
Khyati P. Thakor, Miral V. Lunagariya & Mohan N. Patel	Acetyl pyridine-based palladium(II) compounds as an artificial metallonucleases	Journal of Biomolecular Structure and Dynamics	International	DOI: 10.1080/07391102.2016.1236748	-	2016
Mohan N. Patel, Deepen S. Gandhi, Pradhuman A. Parmar, Jugal V. Mehta	Molecular docking, free radical scavenging, and DNA interaction studies of drug-based coordination compounds	Monatsh Chem.	International	doi:10.1007/s00706-016-1816-5	-	2016
Miral V. Lunagariya, Khyati P. Thakor, Bhargav N. Waghela, Foram U. Vaidya, Chadramani Pathak & Mohan N. Patel	Design, synthesis, MTT assay, DNA interaction studies of platinum(II) complexes,	Journal of Biomolecular Structure and Dynamics	International	DOI: 10.1080/07391102.2016.1268071	-	2016
Sanjay B. Gajera, Jugal V. Mehta, Parth Thakor, Vasudev R. Thakkar, Piyushkumar C. Chudasama, Jagdish S. Patel and Mohan N. Patel	Half-sandwich iridium(III) complexes with pyrazole-substituted heterocyclic frameworks and their biological applications	New J. Chem.	International	40	-	2017
Haresh B. Patel, Jayvirsinh D. Gohil, Manish P. Patel,	Microwave-assisted, solvent-free, one-pot, three-component synthesis of fused pyran derivatives	Monatsh Chem	International	148 (6)	1057-1067	2017

	containing benzothiazole nucleus catalyzed by pyrrolidine-acetic acid and their biological evaluation					
Hardik H. Jardosh, Nileshkumar D. Vala, Manish P. Patel	Library design, synthesis and biological exploration of novel 3,4'-bicarbostryl derivatives as potent antimicrobial, antitubercular and antimalarial agents	Med Chem Res	International	26 (5)	881-899	2017
Ankit J. Patel, Manish P. Patel	Ultrasound promoted efficient synthesis of new tetrazolo[1,5-a]quinoline derivatives and their comparative antimicrobial and anti tubercular study	Heterocyclic Letter	National	6 (2)	185-194	2016
Ankit J. Patel, Manish P. Patel	Synthesis and microbial studies of new pyrazoline/isoxazoline derivatives bearing quinoline moiety using ultrasound irradiation	Indian Journal of Advances in Chemical Science	National	4(4)	409-420	2016
Viran P. Mahida, Manish P. Patel	A novel approach for the synthesis of hydrogel nanoparticles and a removal study of reactive dyes from industrial effluent	RSC Advances	International	6	21577-21589,	2016
Viran P. Mahida and Manish P. Patel	Removal of some most hazardous cationic dyes using novel poly (NIPAAm/AA/Nallylisatin) nanohydrogel	Arabian Journal of Chemistry	International	9	430-442	2016
Nileshkumar D. Vala, Hardik H. Jardosh, Manish P. Patel,	PS-TBD triggered general protocol for the synthesis of 4H-chromene, pyrano[4,3-b]pyran and pyrano [3,2-c]chromene derivatives of 1H-pyrazole and their biological activities	Chinese Chemical Letters	International	27	168-172	2016



Viran P. Mahida, Manish P. Patel	Superabsorbent amphoteric nanohydrogels: Synthesis, characterization and dyes adsorption studies	Chinese Chemical Letters	International	27	471-474	2016
Haresh B. Patel, Jayvirsinh D. Gohil, Manish P. Patel	Green approach for the facile construction of pyrazolylpyrazoline bearing benzothiazole derivatives and its biological evaluation	Heterocyclic Letters	National	6	31-42	2016
Jayvirsinh D. Gohil, Haresh Patel, Manish P. Patel	Comparative study on the use of conventional, microwave and ultrasound irradiation for the synthesis of pyrano[3,2-c]chromene and benzopyrano[4,3-b]chromene derivatives in water	Heterocyclic Letter	National	6	123-132	2016
Jayvirsinh D. Gohil, Haresh Patel, Manish Patel	Ultrasound Assisted Synthesis of Triazole/Tetrazole Hybrids Based New Biquinoline Derivatives as a New Class of Antimicrobial and Antitubercular Agents	Indian Journal of Advances in Chemical Science	National	4	102-113	2016
Gaurav G. Ladani, Manish P. Patel	New approach for the synthesis of spiro indolinone incorporated 1,2,4-triazolo[1,5-a]quinoline derivatives and their pharmacological screening	Heterocyclic Letters	National	6	393-405	2016
Gaurav G. Ladani, Manish P. Patel	Synthesis of imidazole[4,5-C] quinoline derivatives via hofmann rearrangement in the presence of iodobenzene diacetate and its biological evaluation	Heterocyclic letters	National	3	459-469	2016
Bhavesh R. Pansuriya, Hitesh A. Barad, Tushar R. Sutariya, Bhagyashri D. Parmar, Narsidas J. Parmar	Solvent-free, one-pot synthesis and biological evaluation of some quinoline- and pyrazol-annulated heterocycles	PRAJNA- Journal of Pure And Applied Science	Local	22 & 23	17-23	2017

Bhagyashri D. Parmar, Tushar R. Sutariya, Gaurangkumar C. Brahmbhatt, Narsidas J. Parmar, Rajni Kant, and Vivek K. Gupta	A Base-Catalyzed, Domino Aldol/hetero-Diels–Alder Synthesis of Tricyclic Pyrano[3,4- <i>c</i> ]chromenes in Glycerol	Journal of Organic Chemistry	International	81	4955–4964	May-2016,
Balvantsingh M. Labana, Gaurangkumar C. Brahmbhatt, Tushar R. Sutariya, Narsidas J. Parmar, José M. Padrón, Rajni Kant, Vivek K. Gupta	Efficient synthesis and biological evaluation of new benzopyran-annulated pyrano[2,3- <i>c</i> ]pyrazole derivatives	Molecular Diversity	International	21	339–354	March-2017
M. G. Sharma, D. P. Rajani and H. M. Patel	Green approach for synthesis of bioactive Hantzsch 1,4-dihydropyridine derivatives based on thiophene moiety via multicomponent reaction	R. Soc. open sci.	International	4(6)		2017
Patel HM, Patel KD, Patel HD	Facile synthesis and biological evaluation of New Mannich products as potential antibacterial, antifungal and antituberculosis agents: molecular docking study.	Curr. Bioact. Compd.	International	13	47–58	2017
R. L. Vekariya, K. K. Sonigara, K. B. Fadadu J. V. Vaghasiya, and S. S. Soni	Humic Acid as a Sensitizer in Highly Stable Dye Solar Cells: Energy from an Abundant Natural Polymer Soil Component	ACS Omega	International	1	14–18	2016
P. A. Vekariya, P. S. Karia, J. V. Vaghasiya, S. Soni, E. Suresh, M. N. Patel	Evolution of rhodium(III) and iridium(III) chelates as metallonucleases	Polyhedron	International	110	73–84	2016

J. V. Vaghasiya, K. K. Sonigara, K. B. Fadadu, S. S. Soni	Hybrid AgNP—TiO <sub>2</sub> thin film based photoanode for dye sensitized solar cell	Perspectives in Science	International	8	46 - 49	2016
T. Bhim Raju, J. V. Vaghasiya, M. Adil Afroz, S. S. Soni, P. K. Iyer	Influence of m-fluorine substituted phenylene spacer dyes in dye-sensitized solar cells	Organic Electronics	International	39	371-379	2016
T. Bhim Raju, J. V. Vaghasiya, M. Adil Afroz, S. S. Soni P. K. Iyer	Design, synthesis and DSSC performance of o-fluorine substituted phenylene spacer sensitizers: effect of TiO <sub>2</sub> thickness variation	Phys. Chem. Chem. Phys.	International	18	28485-28491	2016
J. V. Vaghasiya, K. K. Sonigara, J. Prasad, T. Beuvier, A. Gibaud, S. S. Soni	Role of a phenothiazine/phenoxazine donor in solid ionic conductors for efficient solid state dye sensitized solar cells	J. Mater. Chem. A	International	5	5373–5382	2017
J. Zhao, K. K. Sonigara, J. Li, J. Zhang, B. Chen, J. Zhang, S. S. Soni, X. Zhou, G. Cui, L. Chen	A Smart Flexible Zinc Battery with Cooling Recovery Ability	Angew. Chem. Int. Ed.	International	56	7871 –7875	2017
T. BhimRaju, J. V. Vaghasiya, M. Adil Afroz, S. S. Soni, P. K. Iyer	Twisted donor substituted simple thiophene dyes retard the dye aggregation and charge recombination in dye-sensitized solar cells	Organic Electronics	International	50	25-32	2017
Pragnesh Dave, Shalini Chaturvedi and Nikul Patel	Transition Metal Nano-alloys: Potential Catalyst for Thermal Decomposition of Ammonium Perchlorate	International Journal of Energetic Materials and Chemical Propulsion	International	15 (5)	371–382	2016

Mital Aadesariya, Vijay R. Ram, Pragnesh Dave	Evaluation of antioxidant activities by use of various extracts from abutilon pannosum and grewia tenax leaves in the Kachchh region	International Journal of Research in Engineering and Innovation	International	1(3)	97-112	2017
Pragnesh Dave, Parul N. Marvaniya, Vijay R. Ram, G Thirumaran and Ekta Khosla	Antibacterial and Antioxidant Activity of Sulphated Polysaccharides from selected Seaweeds of Vadinar Coast	Acta Chimica and Pharmaceutica Indica	International	7(2)	112	2017
Ankur Gor and Pragnesh Dave	Synthesis and Rheological Characterisation of the Natural gum Polysaccharide and Acrylic acid based hydrogels	International Journal of Research	International	4(13)	850-855	2017
Pragnesh Dave and Jalpa Vara	Nano metal oxide as Potential catalyst for thermal decomposition of Ammonium nitrate Nano metal oxide as Catalyst for thermal decomposition of Ammonium perchlorate	International Journal of Research	International	4(13)	942-946	2017
Jalpa Vara and Pragnesh Dave	Nano metal oxide as Catalyst for thermal decomposition of Ammonium perchlorate	International Journal of Research	International	4(13)	917-921	2017
A C Vamja, K. R Surati	Photoluminescent Properties of Novel Design Heteroleptic Zn(II) Complexes	Luminescence: The Journal of Biological and Chemical Luminescence (Wiley)	International	2017	1-6	Feb., 2017
K R Surati	Schiff base pyrazolone complexes of iron (III): synthesis, characterization, antimicrobial and antioxidant activity	Med Chem Res.,	International	Vol. 25, Issue 12 (2016) pp 2742–2751.		Aug. 2016

Kamlesh N. Tayade, Lianyue Wang, Sensen Shang, Wen Dai, Manish Mishra, Shuang Gao	Zirconium triflate grafted on SBA-15 as highly efficient solid acid catalyst for ring opening of epoxides by amines and alcohols	Chin. J. Catalysis	International	38	758-766	2017
J. H. Trivedi and M. K. Prajapati	Optimization of ceric ammonium nitrate initiated graft copolymerization of acrylonitrile onto sodium salt of partially carboxymethylated sodium alginate	International Journal of Research in Engineering and Applied Sciences	International	6 (10)	57-74	Oct.'16
J. H. Trivedi and M. K. Prajapati	Kinetics and Reaction Mechanism of Ceric Initiated Graft Copolymerization of Ethyl Acrylate onto Sodium salt of Partially Carboxymethylated Sodium Alginate	International Journal of Engineering Technology, Management and Applied Sciences	International	5(1)	37-42	Jan.'17
J. H. Trivedi, H. A. Joshi and H. C. Trivedi	Na-PCMTKP-g-PMA: Photo-Induced Synthesis and Characterization	International Journal of Research in Engineering and Applied Sciences	International	7(9)	39-55	Sept.'17

#### DEPARTMENT OF COMPUTER SCIENCE

Author(s)	Title	Journal	Status	Vol.No. And Issue No.	P.P.	Month & Year
R. D. Gaharwar, D. B. Shah,	Architectural Design of Meta Crawler for Terrorist Network Mining	Communications on Applied Electronics (CAE) – ISSN : 2394-4714 Foundation of Computer Science FCS, New York, USA	International	5 (8)	-	Aug 2016
R. D. Gaharwar, D. B. Shah, G. K. S. Gaharwar	The Study of Multi-Search Services for Terrorist Network Mining	International Journal of Computer Applications (0975 – 8887)	International	147(11)		August 2016

Dr. Hardik Pandit & Dr. Dipti shah	A Model of Decision Support System for Research Topic Selection and Plagiarism Prevention	The International Journal Of Engineering And Science (IJES), ISSN (e): 2319 – 1813 ISSN (p): 2319 – 1805, (Impact Factor: 0.898 (2015))	International	6(1)	40-42	January 2017
R D Gaharwar and D B Shah	A Framework of Dynamic Visualization Tool for Terrorist Meta Crawler	International Journal of Computer Applications	International	162(8)	6-8,	March 2017
Virparia P V, Pritesh Patel, Jigisha Patel	Identification and Parsing of SQL Query command by Implementation of JSON	International Journal on Recent and Innovation Trends in Computing and Communication	International	4 (4)	357-359	April 2016
Vaidya, N.M. and Priti Srinivas Sajja	“Feasibility study for assessing readiness to a collaborative e-learning environment”,	International Journal of Research in Engineering,	International	6 (6)	Pp 10-16	June16
Shah, R.M. and Priti Srinivas Sajja	“Analysis of efficient storage technique for financial data in cloud”,	International Journal of Latest Trends in Engineering and Technology,	International	7(1)	pp.214-220	May16
Mr. Pravin Patel And Priti Srinivas Sajja	Development of Text-to-Speech (TTS) Synthesizer for Gujarati Language	IJSRD - International Journal for Scientific Research & Development	International	4 (5)	1522-1524	August 2016
Mr. Krunal Khurana, and Priti Srinivas Sajja	Leaning of Anomaly Detection in Network Traffic Using Fuzzy Logic	IJSRD - International Journal for Scientific Research & Development	International	3(12)	940-943	2016
Mr. Krunal Khurana, Priti Srinivas Sajja, and Ms. Zankhana Bhatt	Fuzzy Based Research Techniques for Intrusion Detection and Analysis: A Survey	International Research Journal of Engineering and Technology (IRJET),	International	3(5)	--	May-2016,
Khurana K and Priti Srinivas Sajja	The design of new public key cryptographic Algorithm for data integrity and anomaly detection”	Special issue (proceedings of National conference on Recent Advances in Computer Science and Technology -2016,) published by Victorious	National ISBN No.: 978-93-84224-73-8	-	70-72	October 2016

		Publishers, India, Delhi,				
Patel, M.M. and Sajja Priti Srinivas Sajja	“Development of extracted biometric watermark recognition using chain code and support vector machine”,	International Journal of Research in Engineering and Applied Sciences,	International	6 (4), 2249-3905	15-23	April 16
Shah, R.M. and Priti Srinivas Sajja	“An energy efficient server load balancing algorithm”,	International Journal of Engineering Research and Development,	International	Special Issue,	29-33	April 16
Priti Srinivas Sajja	Computer Aided Development of Fuzzy, Neural and Neuro-Fuzzy Systems,	International Journal of Engineering and Applied Computer Science (IJEACS)	International	02(01)		January 2017
Saiyed Saziabegum and Priti Srinivas Sajja.	Literature Review on Extractive Text Summarization Approaches	International Journal of Computer Applications,	International indexed with	156(12)	28-36	December 2016
J. V. Smart	An implementation of a knowledge-based programming language with dynamic grammar	International Journal of Advanced Research in Computer Science and Software Engineering	International	6(5)	766-769	May 2016
Pankti Bhatt, Jeegar A Trivedi	Various Methods for Drowsiness Detection: An Overview	International Journal of Computer Science & Engineering, ISSN No: 0975-3397	International	9 (3)	70-74	March 2017

## DEPARTMENT OF ELECTRONICS

Author(s)	Title	Journal	Status International/National/Regional/Local	Vol. No. And Issue No.	P.P.	Month& Year
D. K. Dhruv and B.H.Patel	Fabrication and electrical characterization of Al/p-ZnIn <sub>2</sub> Se <sub>4</sub> thin film schottky diode structure	Materials Science in Semiconductor Processing	International	54	29-35	2016
D. K. Dhruv B.H.Patel,	Fabrication and electrical	Materials Research	International	20:4	285-292	2016

D. Lakshminaraya	characterization of p-ZnIn <sub>2</sub> Se <sub>4</sub> / n-Si heterojunction diode structure	Innovations				
V.D.Dhamecha, B.H.Patel, P.B.Patel and V.A.Patel	Significance of substrate temperatures on the deposition of ZnGa <sub>2</sub> Se <sub>4</sub> thin films by falsh evaporation technique	International Research Journal of Engineering and technology (IRJET) (UGC Listed)	International	04/3	253	2017
Vikas A Patel, B. H.Patel, Vishal D Dhamech and Dhananjay K Dhruv	Fabrication of ZnMgO thin films by pulsed Laser Deposition method	Indian Journal of Technical Education (IJTE)	National	1	176-178	2017
Sunil. S. Patel	Thickness-dependent Electronic Properties of Amorphous Tungsten Trioxide Thin Films	Journal of Nano and Electronic Physics	International	9(3)	03040(4pp)	2017
VibhaVaishnav, Swati Sathaye, ShyamsundarRaithaththa , and Harish Padh	“A Novel Three Tier Education and Leadership Training Programme for National Resurgence”	UNIVERSITY NEWS (a weekly journal of Higher Education published by the Association of Indian Universities)	National	54 (22)	3-9	May30 – June 05, 2016
P. B. Patel	The Performance Optimiztion of Thin –Film Solar Converters Based on n- ZnMgO/p-CuO Heterojunctions	Journal of Nano and Electronic Physics	International	9 (4)	04002(4pp)	2017
Shahera S.Patel	Determination of mechanical depression using semiconductor strain gauge for industrial and engineering applications	International Journal of Electronics, Electrical and Computational System (IJECS)	International	5 (12)	51-57	December 2016
Shahera S.Patel	Easy technical guide to understand PC motherboard, troubleshoot problems and its repair: Part II,	International journal of advanced research in electrical, electronics and instrumentation engineering (IJAREEIE)	International	5 (12)	9092-9097	December 2016,
ShaheraS.Patel	Determination of terminal velocity to test purity of milk by	International Journal of Recent and Innovation		4 (12)	277-279	December 2016



		trends in Computing and Communication	International			
U. B. Trivedi	Thermoelectric Properties of the Colloidal Bi <sub>2</sub> S <sub>3</sub> – Based Nanocomposites	Journal of Nano and Electronic Physics	International	9 (4)	04028(3pp)	2017

#### DEPARTMENT OF MATERIALS SCIENCE

Name of Authors	Title of paper	Name of Journal	Status International/National/ Regional/Local	Vol. No.	Page Nos.	Month & Year
R.H.Patel & V.R.Sevkani	Studies on flame retardant vinyl ester resin	Research Journal of Material Sciences	International	5	7-12	Feb - 2017
R.H.Patel & S.Sharma	Microstructure and thermal behavior of isotropic petroleum pitch based matrix material for carbon carbon composites	Research Journal of Material Sciences	International	5	1-6	Jan - 2017
M.D. Farahani, J. Valand, A. S. Mahomed, H. B. Friedrich	A Comparative study of NiO/Al <sub>2</sub> O <sub>3</sub> Catalysts Prepared by Different Combustion Techniques for Octanal Hydrogenation	Catalysis Letters	International	146	2441 - 2449	Oct.- 2016
J. Valand, V. D. B. C. Dasireddy, S. Singh, H. B. Friedrich	Ternary (Cu, Ni and Co) Nanocatalysts for Hydrogenation of Octanal to Octanol: An Insight into the Cooperative effect	Catalysis Letters	International	147	525 - 538	Jan.- 2017
H. M. Parekh, J. K. Valand and H. B. Friedrich	Heterogeneous Oxidation of Alkenes: The Role of Silica-supported Bimetallic and Trimetallic Catalysts	South African Journal of Chemistry	International	69	227 - 235	Sept.- 2016

## DEPARTMENT OF MATHEMATICS

Author(s)	Title	Journal	Status International/National/ Regional/Local	Vol.No. And Issue No.	P.P.	Month & Year
A H Hasmani and B N Patel	An axially symmetric spacetime filled with an anisotropic fluid	Adv. Studies in Theo. Phys.	International	10(4)	167–172	
A H Hasmani and Ravi Panchal	Lanczos potential for some non-vacuum spacetimes	Eur. Phys. J. Plus	International	131(9)	1–6	
A H Hasmani, A C Patel and Ravi Panchal	Interaction of Electromagnetism and Gravity for pp-waves spacetimes	Mathematics Today	National	32	47-53	
A H Hasmani and Ravi Panchal	Electric and Magnetic Parts of the Weyl Tensor and Spin Coefficients	Journal of Dynamical Systems and Geometric Theories	International	15(1)	37–49	
H V Dedania and M K Kansagara	On spectral properties in vector-valued Beurling algebras	International Journal of Mathematics and Soft Computing	International	6(1)	153-162	
D J Karia and S J Bhatt	A curious Banach algebra: Banach algebra of functions with limits	Math. Student	International	85 (3-4)	13–19	
H S Mehta and U P Acharya	Connected and Distance in $G \otimes_2 H$	IOSR J. of Math.	International	13(1)	1 – 7	
P A Dabhi	Multipliers of perturbed Cartesian products with an application to BSE-property	Acta Math. Hungarica	International	149(1)	58–66	March 2016
P A Dabhi and S J Bhatt	On an intrinsic characterization of self-adjoint $C^*$ -Segal algebras	Colloquium Mathematicum	International	145(2)	245 – 250	July 2016

# DEPARTMENT OF HOME SCIENCE

Author(s)	Title	Journal	Status International /National/ Regional/Local	Vol.No. And Issue No.	P.P.	Month & Year
Hinal Patel and V.H.Patel	Total Antioxidant Capacity of Fruits Commonly Consumed in Gujarat State, India	Food Science Research Journal	International	Vol. 7(2)	195-201	Oct.,2016
Tejashri Trivedi, V H Patel and Rema S	Intrauterine Growth Retardation: Potential Cause of Chronic Disease	International Journal of research in applied, natural and social sciences	International	Vol. 4(2)	123-134	Nov.2016
Shreya Patel, Revati Shah, V. H. Patel, Neeta Rupesh Dave	A comparative study on the effect of feeding an Antioxidant rich drink and Dark chocolate on blood antioxidant status of Young Females	Journal of Science, Knowledge Consortium of Gujarat	National	Continuous issue-8,		Aug.- Sept 2016
Priyal Panchal, Vimal B. Jayswal, V. H. Patel, Neeta Rupesh Dave	Effect of feeding flaxseed and amaranth seed powder incorporated laddu on total antioxidant capacity and hematological status of young females (20-25 years)	Journal of Science, Knowledge Consortium of Gujarat	National	Continuous issue-7,		June - July 2016
Khushbu Dalwadi, Jisha Elias, Patel V.H and Rema Subhash	Comparative study of antioxidant properties of cinnamon and kokum in Aqueous and methanolic extracts	Journal of Science, Knowledge Consortium of Gujarat	National	Continuous issue-8,		August – September 2016
Bhumi Parikh and V H Patel	Quantification of phenolic compounds and antioxidant capacity of an underutilized Indian fruit: Rayan [ <i>Manilkara hexandra</i> (Roxb.) Dubard]	Food Science and Human Wellness	International	In press, 2016		
Bhumi Parikh, Y M Shukla and V H Patel	Nutritional Profile of an Underutilized Indian Fruit: Rayan [ <i>Manilkara hexandra</i> (Roxb.) Dubard]	Indian Journal of Agricultural Biochemistry	National	29 (1), 2016	51-53	
Vimal Jayswal, Viraj Roghelia, Rema Shubhas and V.H. Patel	Effect of feeding functional snack Khakhara on blood glucose and antioxidant status of type-II diabetic	Journal for advanced research in Applied Sciences	National	Vol. 3 : 2016	284-294	

	males residing in Anand					
Minal Chauhan, Dhruti S., Ankita P., Patel V.H. , Rema S	Blood lipid profile and urinary calcium levels of adult subjects of age group 40-70 years residing in Anand and Vallabh Vidyanagar	International Journal of Chemical Sciences & Technology	International	1(3)	1-11	May-June, 2016
Bijal Patel and Patel VH	Optimization of cheese whey based media components for lactic acid production by lactobacillus casai using response surface methodology	International journal of development research	International	6(6)	6884-6890	February 2016
Minal Chauhan, V.H. Patel and Rema S.	Bioactive Phytochemicals in Health Promotion and Disease Prevention	Journal of Science, (Knowledge Consortium of Gujarat)	National	Continuous Issue 9		October-December 2016
Dimpy K., Viraj R., Rema S, <b>Neeta D.</b>	Effect of feeding traditional sweet (laddu) incorporated with dry cauliflower leaves on the total antioxidant capacity and hematological status of young anemic females (18-25 years)	Indian Journal of Technical Education (IJTE)	National	Special Issue for ICWSTCSC -2016	91-101	2016
Minal Chauhan, Patel V.H. , Rema S.	Effect of Life Style and dietary pattern on bone health in Women of 40-50 years residing in nadiad city	Indian Journal of Technical Education, Special issue for ISWSTCSC.	National	Special Issue for ICWSTCSC -2016	206-214	2016
Viraj Roghelia and. Jinal Panchal	Physicochemical Analysis Of Cactus Pear Fruits	Journal of Pharmaceuturical , Chemical and Biological Sciences	International	4 (01)	119-125	May,2016
Yogesh Vadwala, Namrita Kola	Application of natural dye extracted from waste leaves of terminalia catappa (tropical almond) on pre treated wool fabric	International Journal of Chemical Science and Technology	International	1(02)		January-February 2016
Namrita Kola	Development of printing skill with natural dyes as income generating activity of upliftment of women	Indian Journal of Technical Education (IJTE)	National	Special Issue for ICWSTCSC -2016	11-16	2016

M. V. Aiswariya, Hetal Patel, Hemangini Baraiya and Namrita Kola	The evanescent girl from the womb: A look at the current scenario	Indian Journal of Technical Education (IJTE)	National	Special Issue for ICWSTCSC -2016	182-188	2016
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#### DEPARTMENT OF PHYSICS

Name of Authors	Title	Journal	National/ International	Vol. No. and Issue No.	PP	Month & Year
UH Patel, SA Gandhi, VM Barot, MC Patel	A comparative study of novel chalcone derivative by X-ray and quantum chemical calculations (Ab-initio and DFT): Experimental and theoretical approach	Molecular Crystals and Liquid Crystals	International	624 (1)	190-204	2016
KD Patel, UH Patel	Quantitative analysis of weak interactions by Lattice energy calculation, Hirshfeld surface and DFT studies of sulfamonomethoxine	Journal of Molecular Structure	International	1128	127-134	2017
UH Patel, KP Purohit	Pyridine and 3-methylpyridine solvates of the triple sulfa drug constituent sulfamethazine	Acta Crystallographica Section C: Structural Chemistry	International	73 (1)	9-12	2017
SA Gandhi, UH Patel, RD Modh, Y Naliyapara, AS Patel	Quantum Chemical Calculations (Ab Initio & DFT), Hirshfeld Surface Analysis, Crystal Structure and Molecular Docking Study of 2-Chloro-4-(4-fluorophenyl)-6-isopr...	Journal of Chemical Crystallography	International	46 (10-12),	387-398	2016
BR Chavda, SA Gandhi,	A quantitative analysis of weak	AIP Conference	International	1728 (1)	020251	2016

RP Dubey, UH Patel, VM Barot	intermolecular interactions & quantum chemical calculations (DFT) of novel chalcone derivatives	Proceedings				
UH Patel, C Jotaniya, DA Shah, Bhavesh.N. Socha	Ethyl 2-amino-1-(4-fluorophenyl)-5-oxo-4, 5-dihydro-1H-pyrrole-3-carboxylate: crystal structure and Hirshfeld surface analysis	Acta Crystallographic Section E: Crystallographic Communications	International	73 (9)		2017
RP Dubey, UH Patel, BD Patel	Study on molecular structure, Spectral investigations, NBO, NLO, Hirshfeld surface analysis and Homo-Lumo energy of silver complex of 4-Amino-N-(2, 6-dimethoxy...	Inorganic and Nano-Metal Chemistry	International			2017
SM Tailor, UH Patel	Nickel (II) complex of 4-amino-N-(2-pyrimidinyl) benzenesulfonamide: Synthesis, spectroscopic characterization, antimicrobial activity, crystal structure, and Hirshfeld...	Inorganic and Nano-Metal Chemistry	International	47 (2)	234-243	2017
MK Patel, SM Tailor, UH Patel	DFT study and Hirshfeld surface analysis of third polymorph of sulfamerazine	AIP Conference Proceedings	International	1728 (1)	020257	2016
SM Tailor, UH Patel	Spectroscopic and thermogravimetric study of nickel sulfaquinoxaline complex	AIP Conference Proceedings	International	1728 (1)	020246	2016
Hitesh Yadav, Minaxi Vinodkumar, Chetan Limabachiya and P. C. Vinodkumar	Scattering of electrons with formyl radical	Molecular Physics	International	115(8)	952-961	Feb. 2017
B P Singh <i>et. al.</i> (PANDA Collaboration)	Feasibility study for the measurement of $\pi N$ TDA at PANDA in $\bar{p}p \rightarrow J/\psi \pi^0$	Phys. Rev D	International	95,	032003	Feb. 2017
B P Singh <i>et. al.</i> (PANDA Collaboration)	Study of doubly strange systems using stored antiprotons	Nuclear Physics A	International	954	323-340	May 2016

Zalak Shah, Kaushal Thakkar, Ajay Kumar Rai and P. C. Vinodkumar	Mass spectra and Regge Trajectories of $\Lambda_c^+$ , $\Sigma_c^0$ , $\Xi_c^0$ and $\Omega_c^0$ baryons	Chinese Physics C	International	40(12)	1234103	Dec.2016
Manan Shah, Bhavin Patel and P. C. Vinodkumar	Spectroscopy and flavor changing decays of B, B <sub>s</sub> Mesons in Dirac formalism	Phys. Rev. D	International	93	094028	May 2016
Zalak Shah, Kaushal Thakkar, Ajay Kumar Rai, and P C Vinodkumar	Excited State Mass spectra of Singly Charmed Baryons	European Physical Journal A	International	52	313	Oct. 2016
Ajay Majethiya, Kaushal Thakkar and P. C. Vinodkumar	Spectroscopy and decay properties of $\Sigma_b$ , $\Lambda_b$ baryons in quark- diquark model	Chinese Journal Of Physics	International	54	495-502	June 2016
Kaushal Thakkar, zalak Shah, Ajay Kumar Rai and P C Vinodkumar	Excited mass spectraand regge trajectories of bottom baryons in hypercentral quarkl model	arxiv:1610.00411 v1	International	-	-	Oct. 2016
Kaushal Thakkar, Ajay Majethiya and P C Vinodkumar	Magnetic moments of baryons containing all heavy quarks in the quark-diquark model	Eur. Phys. J. Plus	International	131	339	Sept. 2016
Smruti Patel and P C Vinodkumar	Tetraquark state in the bottom sector and the status of $Y_b(10890)$ State	Eur. Phys. J . C	International	76	356	June 2016
Smruti Patel, P C Vinodkumar, Shashank Bhatnagar	Decay rates of charmonia within a quark- antiquark confining potentials	Chinese Physics C	International	40(5)	053102	May 2016
Alice K M, Keval Gandhi, Tanvi Bhavsar , Ajay Majethiya and P. C. Vinodkumar	Study of doubly heavy flavor baryons in analogy with $H_2^+$ ion	proceedings of the DAE-BRNS symp. On Nucl. Phys	National	61	682	Dec 2016
Tanvi Bhavsar, Manan shah and P. C. Vinodkumar	Status of $Z_c(4050)$ , $Y(4140)$ and $Y(4360)$ states as mixed P wave states of charmonium	proceedings of the DAE-BRNS symp. On Nucl. Phys	National	61	680	Dec 2016
P. C. Vinodkumar ,	Mass Spectra of Charmonia using	proceedings of	National	61	658	Dec 2016

Manan shah, Tanvi Bhavsar and Bhavin Patel	Martin-Like potential in Relativistic Dirac Formalism	the DAE-BRNS symp. On Nucl. Phys				
Kaushal Thakkar, Ajay Majethiya and P C Vinodkumar	Magnetic moments of triply heavy baryons in quark diquark model	proceedings of the DAE-BRNS symp. On Nucl. Phys	National	61	710	Dec 2016
Smruti Patel and P C Vinodkumar	Mass Spectra of hidden-Charmed molecular penta quarks states	proceedings of the DAE-BRNS symp. On Nucl. Phys	National	61	708	Dec 2016
Anurag Singh and P C Vinodkumar	Quarkonia in Pöschl-Teller Potential using supersymmetric (SUSY) Quantum Mechanics	proceedings of the DAE-BRNS symp. On Nucl. Phys	National	61	706	Dec 2016
Vijay Dixit, Chirag Vyas, Pratik Pataniya, Mihir Jani, Vishal Pathak, Abhishek Patel, V. M. Pathak, K. D. Patel and G. K. Solanki	Growth and surface topography of WSe <sub>2</sub> single crystal.	AIP Conference Proceedings	International	1728	020633-34	May, 2016
Chetan Zankat <sup>1</sup> , V. M. Pathak, Pratik Pataniya, G. K. Solanki, K. D. Patel, Salil Nair and Jolly Mary Joy.	Analyzing TEM Images for Accurate Determination of Lattice Parameters of Vacuum Evaporated SnSe Thin Film by Image Processing Software.	Advanced Materials Research.	International	1141	51-53	August, 2016
Abhishek Patel, Pratik Pataniya, K. D. Patel, G. K. Solanki, and V. M. Pathak	Preparation of H <sub>2</sub> SO <sub>4</sub> doped Polyaniline thin film solar cells by spin coating technique	AIP Conference Proceedings	International	1837	040047-1-3	January, 2017
C. U. Vyas, V. M. Pathak, K. D. Patel and	Structural, optical and dielectric properties of CdTe thin films prepared	International Journal of	International	1 (20),	100-105	2017



G. K. Solanki	by screen printing technique	Emerging Technologies in Computational and Applied Sciences (IJETCAS).				
Kamakshi Patel, M. P. Deshpande and S.H. Chaki	Effect of Cobalt doping on ZnS nanoparticles synthesized by microwave irradiation	J. Material Science : Materials in Electronics	International	28 (6)	5029-5036	2017
Nikita H. Patel , M.P. Deshpande, S.H. Chaki & H. R. Keharia	Tuning of optical, thermal and antibacterial capabilities of CdS nanoparticles with incorporated Mn prepared by chemical method.	J. Material Science : Materials in Electronics	International	28	10866-10876	28 <sup>th</sup> March 2017
Kamakshi Patel, M. P. Deshpande, and S.H. Chaki	Effect of Ag on structural optical and luminescence properties of ZnS nanoparticles synthesized by microwave assisted chemical route.	Applied Physics A	International	123:367	1-6	2017
Jiten P. Tailor, Devangini S. Trivedi, S. H. Chaki, M. D. Chaudhary, M. P. Deshpande	Study of chemical vapour transport (CVT) grown WSe <sub>1.93</sub> single crystals.	Materials Science in Semiconductor Processing	International	61	11 -16	2017
Sunil H. Chaki, Sanjaysinh M. Chauhan, Jiten P. Tailor, Milind P. Deshpande	Synthesis of manganese sulfide (MnS) thin films by chemical bath deposition and their characterization.	Journal of Materials Research and Technology	International	6(2)	123-128	2017
Sunil H. Chaki, Kanchan S. Mahato, Tasmira J. Malek, M. P. Deshpande	CuAlS <sub>2</sub> thin films – Dip coating deposition and characterization.	Journal of Science: Advanced Materials and Devices	International	2	215-224	2017
M. D. Chaudhary, S. H.	Synthesis and thermal study of SnS	Journal of Asian	International	5	193-198	2017

Chaki, M. P. Deshpande	nanoflakes.	Ceramic Societies				
S. H. Chaki, H.J. Joshi, J.P. Tailor, M. P. Deshpande	Study of SnS <sub>2</sub> thin film deposited by spin coating technique	Materials Research Express	International	4	076402	2017
A.B. Patel, N.K. Bhatt and B.Y. Thakore	Electrical transport properties of liquid Ga at different temperatures	Invertis Journal of Science & Technology	International	10 (1)	31-37	09 march 2017
Patel, A. B.; Bhatt, N. K.; Thakore, B. Y.; Soyarp, F.; Vyas, P. R.	Thermodynamics and p-t phase diagram of lanthanum monosulfide.	high temperatures -- high pressures	International	46 (3)	189-209	October 11, 2016
Khambholja S. G Thakore B. Y Jani A. R.	Structural study of FeC: A first Principles Approach	Invertis Journal of Science & Technology	International	10 (1)	15-20	09 march 2017
Khambholja S. G Thakore B. Y	Thermophysical properties of liquid Pb	Materials Today	International	Proceedings	3	31 Oct 2016
R. H. Joshi, D. D. Satikunvar, N. K. Bhatt, B. Y. Thakore and A. R. Jani	Atomic Transport In Liquid Aluminum Using a New Pseudopotential	Advanced Materials Research	International	1141	24-28	Aug. 22 2016
Payal N. Chauhan, Chaudhari Prakruti, R. H. Joshi, N. K. Bhatt and B. Y. Thakore	Vibrational and Elastic Properties of Bulk Metallic Glass: Application to Pd <sub>64</sub> Fe <sub>16</sub> P <sub>20</sub>	Advanced Materials Research	International	1141	91-95	Aug. 22 2016
N. K. Bhatt, R. H. Joshi, B. Y. Thakore, A. R. Jani and P. R. Vyas	Theoretical Modelling of Equations of States for Aluminum to Pressure up to 10 TPa and Temperature to 10 eV	Advanced Materials Research	International	1141	121-124	Aug. 22 2016
Chaudhari Prakruti, Payal N. Chauhan, R. H. Joshi, N. K. Bhatt and B. Y. Thakore	Elastic Properties of Zr <sub>50</sub> Cu <sub>43</sub> Ag <sub>7</sub> Bulk Metallic Glass Using Pseudopotential Theory	Advanced Materials Research	International	1141	232-235	Aug. 22 2016
Shyam G. Khambholja, Brijmohan Y. Thakore	Phonons in Binary Metallic Glass CuZr <sub>2</sub>	Adv. Mat.Res.	International	1141	162-165	Aug. 26 2016

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A. B. Patel, N. K. Bhatt and B. Y. Thakore	Temperature Dependent Structural Properties of Liquid Ga	Adv. Mat. Res.	International	1141	29-33	Aug. 26 2016
G. K. Solanki, I. L. Chauhan, K. D. Patel and K. B. Modi	Rietveld refinement and strain analysis of $\text{SnSeNi}_{0.4}$ crystal	Imperial Journal of Inter-disciplinary Research (IJIR)		2 (8)	1162-1164	
G. K. Solanki, Mohit Tannarana, Pratik Pataniya, K. D. Patel	Growth and Electrical Characterizations of $\text{Sn}_{0.3}\text{Se}_{0.7}$ Crystals Grown by Direct Vapour Transport Technique	Advanced Materials Research		1141	103-106	
G.K.Solanki and A.T.Oza	Theory of Peierls distortion, Kohn anomaly and superconducting temperature.	International Journal of Advanced Research in Science and Engineering	International	5 ( 4)	597-612.	April, 2016
G. K. Solanki, I. L. Chauhan, K. D. Patel and K. B. Modi	Rietveld refinement and strain analysis of $\text{SnSeNi}_{0.4}$ crystal.	Imperial Journal of Inter-disciplinary Research (IJIR).	International	2 (8)	1162-1164	2016
A.N.Patel, G.K.Solanki and A.T.Oza	Vibrational spectra of ternary charge transfer complexes of pyrene.	International Journal of Current Advanced Research (IJCAR).	International	5 (7)	1112-1116	July, 2016
G. K. Solanki, Mohit Tannarana, Pratik Pataniya and K. D. Patel	Growth and Electrical Characterizations of $\text{Sn}_{0.3}\text{Se}_{0.7}$ Crystals Grown by Direct Vapour Transport Technique.	Advanced Materials Research	International	1141	103-106	August, 2016
A.N. Patel, G.K. Solanki and A.T. Oza	Vibrational spectra of ternary organic conductors using DPPD International Journal of Applied Research.	International Journal of Applied Research	International	2 (8)	246-249	July, 2016
A.N. Patel, G.K. Solanki and A.T. Oza	Infrared spectra of ternary CTCs of TMPD.	International Journal of	International	8 (8)	35858-35863	August, 2016

		Current Research				
G.K.Solanki, Y.A.Patel and M.K.Agarwal	c-axis resistivity measurements in $WS_{2-x}$ single crystals.	European Journal of Advances in Engineering and Technology.	International	3 (9)	78-80.	October, 2016
M. P. Deshpande, Vivek P. Gujarati, Kiran N. Patel, S. H. Chaki	A study on thermal and optical properties of glycine sodium nitrate crystals.	Advanced Materials Research	International	1141	170 – 173	February 2017
Kamakshi Patel, M. P. Deshpande, S. H. Chaki	Effect of Ag on structural, optical and luminescence properties of ZnS nanoparticles synthesized by microwave-assisted chemical route	Applied Physics A	International	123	367 (6 pages)	February 2017
Rajender Padam, Swati Pandya, S Ravi, S. Ramakrishnan, Arun Nigam,	Study of the sign change of exchange bias across the spin reorientation transition in $Co(Cr_{1-x}Fe_x)_2O_4$	Journal of Physics: Condensed matter	International	29, 055803	11	December-2016

#### **CENTRE FOR INTERDISCIPLINARY STUDIES IN SCIENCE AND TECHNOLOGY (CISST)**

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication	Vol (Issue)	Page Number	Month and Year
Khushal Patel, Chaitanya Joshi, Devendra Nauriyal, Anju Kunjadiya	Genotypic identification of methicillin resistance and virulence factors in Staphylococcus spp. from bovine mastitis milk	Comparative Clinical Pathology	International	26(6)	1355-1361	November 2017
Shriram H Patel, Yati H Vaidya, Reena J Patel, Ramesh J Pandit, Chaitanya G Joshi, Anju Kunjadiya	Culture independent assessment of human milk microbial community in lactational mastitis	Scientific Reports	International	7(1)	7804	August 2017

Yati Vaidya, Shriram Patel, Reena Patel , Ramesh Pandit, Joshi Chaitanya G, Anju Kunjadia	Human Milk Microbiome in Urban and Rural Populations of India. Meta Gene	Meta Gene	International	13	13-22	September 2017
Reena Patel, Ramesh Pandit, Vaibhav Bhatt, Prashant Kunjadia, Devendra Nauriyal, Prakash Koringa, Chaitanya Joshi, Anju Kunjadia	Metagenomic approach to study the bacterial community in clinical and subclinical mastitis in buffalo	Meta Gene	International	12	4-12	June 2017
Yati Vaidya, Shriram Patel, Prashant Kunjadiya, Chaitanya Joshi, Anju Kunjadiya	Effect of Prebiotic on Bacteriocin Production and Gut Adhesion Potential of Lysinibacillus sphaericus DY13 and Bacillus clausii DY14	Journal of microbial world.	International ( In Press)			
Yati Vaidya, Shriram Patel, Chaitanya Joshi, Dev Nauriyal, Anju Kunjadia	Somatic Cell Count: A Human Breast Wellbeing Indicator. The journal of breast health	The journal of breast health	International	13 (2)	88-93	April 2017
Prashant Kunjadia, Gaurav Sanghvi, Anju Kunjadia, Pratap Mukhopadhyay, Gaurav Dave	Role of ligninolytic enzymes of white rot fungi (Pleurotus spp.) grown with azo dyes	SpringerPlus	International	5(1)	1487	September 2016
Sanjay S. Karn, Rupal A. Vasant, Richa B. Tripathi, A. V. R. L. Narasimhacharya	Antidiabetic and Antioxidant Effects of a Multigrain Diet	International Journal of Pharma Sciences and Research	International	7 (6)	284-289	July, 2016

**(B) Economics Sciences**

**Research Papers Published by the Teachers of Economic Sciences of Postgraduate Departments in International/National/State Level Journals in 2016-2017**

Sr. No.	Departments	International	National	State
1.	Business Studies	09	06	-
2.	Business Administration (MBA)	14	08	-
3.	Economics	03	09	01
4	Agro-Economics Research Centre	03	17	02
<b>Total</b>		<b>29</b>	<b>40</b>	<b>03</b>

**DEPARTMENT OF BUSINESS STUDIES**

Author(s)	Title	Journal	Status International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
Dr.S.K.Bhatt	Strategies, Stages and Aspects of E-Governance	Management Guru: Journal of management Research ISSN: 2319-2429		28/01/2017		
Dr. P. K. Rathod	Livestock value chains: Prospects, Challenges and Policy Implications.	Artha-Vikas				Jan-Dec, 2016
	Financial Health of Vadodara Mahanagar Seva Sadan	SEMCOR Management & Technology Review				October, 2016
	Behavioural Finance: Relevance for Faculty of Finance	International Journal of Applied Financial Management Perspectives, Pezzottaite Journals				2016
Dr. Y. M. Dalwadi	Impact of Goods and Service Tax on Indian Economy: Beneficial or Harmful?	ManaComm, An International Research Journal on Management and Commerce		Vol 3, Special Issue 03		January 2017
	An Empirical Study On	We'Ken International Journal of		Volume 1 /		September

	Factors Governing Investment of Individual Investor In Equity	Basic and Applied Sciences ISSN : 2455-7609		Issue 3 /		2016
	Study of Financial Knowledge Among Selected People of Gujarat	Indian Journal of Research: Paripex Impact Factor : 5.215, IC Index Copernicus IC Value : 77.6 . (ISSN – 2250-1991)		Volume : 5 Issue : 9,		September 2016
Dr. D. S. Mistry	Role of Pradhan Mantri Jan Dhan Yojana in Nation Building	Research Matrix (ISSN 2321-7073)		Volume 9		February, 2016
	A study of Organizational Culture and Organizational Effectiveness of Selected Thai Private Universities Faculty	SANYOJAK - International Journal of Commerce and Management (ISSN 2348-3032)		Volume 4		March, 2016
Dr. Kamini Shah	The Study of Price Behavior of Gold and Silver in India	SECOM Management & Technology Review ISSN 2349-4247		Vol. 4, Issue-1		October 2016
	Measuring Students' Knowledge and Perception about GST in Anand District	International Journal of Multidisciplinary Research (GCC-IJMR) ISSN 2321-5968		Vol. 1, Issue-4		2017
	Role of Government in Strengthening Health Care Services for Rural Development : A Study in Gujarat	Chapter in Edited Book – Emerging Business Challenges : Ideas & Solutions		ISBN 978-93-81286-61-6		2016
Dr. S. P. Machhar	A study on impact of GST on selected segment of renewable energy in India	International journal of multidisciplinary research		Volume -1, Issue-4,		February,2017
	A study on problem faced by rural consumers	International journal of Management & Technology		Volume -4, Issue-1,		October,2016

	availing banking services in selected rural areas of South Gujarat	Review				
Dr. A. D. Amin	Impact of Goods & Services Tax on Indian Pharmaceutical Industry.	International Journal of Multidisciplinary Research (GCC-IJMR)		Vol-1 Issue-4		2017

#### DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

DR Yogesh C Joshi and Dr. Kaushal Kishor	Do MSMEs Practice Energy Conservation Principal: A case Study of Gujarat	Journal of Energy and Management	National	Vol 1, No 2	2017
DR Yogesh C Joshi	Recent Selected Initiatives Towards Sustainable Development in India and Challenges in the Light of SDGs	Sanyojak- Internation Journal of Commerce and Management	International	Vol-4, Issue- 8	March-2017
Dr. Yogesh C. Joshi and Dr. K.S.Prasad	A Study of Enhineering SMEs in Gujarat: Prospects of Sustainability and Challenges to Globalise in the Wake of Make in India Initiative	AMITY Journal of Management	National	Vol- IV, Num-2,	July Dec-2016
Dr. Yogesh C. Joshi and Baljeet Singh	Potato Processing: Vital to Agribusiness in Gujarat	International Journal of Applied and Natural Science	International	Accepted for publication	Nov. 2016
Dr. Yogesh C. Joshi and Dr. Riddhi Dave	Microfinance in India with Special Reference to SHG – Bank Linkage Programme	Oakbrook Business Review	National	Vol 2, No. 2.	Oct. 2016
Dr. Yogesh C. Joshi and Dharini Shah	Transforming Corporate Social Responsibility towards Socially Responsible Corporation	Synergy	National	Vol. 18 No. 1	Jan – June 2016



Dr. Yogesh C. Joshi and Baljeet Singh	Increased Potato Productivity, Its Consequences and Sustainable Production	International Journal of Business and General Management (IJBGM)	International ISSN(P): 23192267; ISSN(E): 23192275	5/3	May - 2016
Dr. Yogesh C. Joshi and Mahesh Chaudhary	A strategic Analysis of Urban Public Transport Industry: A Case of Ahmedabad Gujarat in India	NMIMS Management Review	National ISSN:09711023	XXIX	April-May – 2016
Darshana Dave and Swati Joshi	A study of Green Marketing Initiatives and Government's Intervention in Consumer Durables Industry in India	Synergy-Journal of Management	National	18 (2)	July –Dec. 2016
Darshana Dave and Poonam Amrutia	Impact of Advertising and Marketing Strategies on consumption of Ayurvedic Medicines; International Research Journal of Marketing and Economics; Vol.3, issue 5, May 2016, pp69-77	Journal of Marketing and Economics	International	3 (5)	May 2016
Darshana Dave and Poonam Amrutia	A study of consumer behavior towards Ayurvedic Medicines and Treatments	SECOM Management & Technology Review	National	3 (2)	March 2016
Yogesh Joshi and Darshana Dave	Role of higher education in transforming India: Challenges with Reference to Management Education	University news, A weekly journal of higher education, published by association of Indian Universities	National	54 (5)	July 2016

P.K.Priyan ( Co-authored)	Ratio Analysis in Selected Dairy Plants of Gujarat	International Journal of Accounting and Financial Management Research	International	Volume 7, Issue 2	March-April, 2007
Deval Patel Raju Rathod	Consumer awareness about health foods, and impact of Promotional activities on creating awareness.	Global Journal for Research Analysis	International	Volume-6, issue-1	January 2017
Deval Patel Raju Rathod	Consumer behavior towards ready-to-eat food products in selected cities of Gujarat	Global Journal for Research Analysis	International	Volume-7, issue-1	February 2017
Bavishi Hardik and Kulkarni Vilas	Perception of citizens towards online civic services – An empirical study of citizens in Ahmedabad	<i>AAG AM International Journal of Humanities, Social Science, Management and Technology</i>		ISSN 2454 – 1567,	April – June 2016
Kulkarni Vilas and Dureja Ranjana	Towards becoming a Learning Organisation: An Action oriented approach for sustainable development	<i>International Journal of Management</i>		(ISSN 2424-6433) online, (ISSN 2424-6425)	
Kulkarni Vilas and Sheth Pranav	New Developments in Consulting – Political Consulting	<i>Research Ambition – An International Multidisciplinary e –journal</i>		Vol1 Issue II, (ISSN 2456-0146).	
Dr. K.S.Prasad	Ethical Issues in HR :Behavioural Dilemma	“Sanyojak” International Journal of Commerce and Management (UGC list No. 44372)		Vol. 5	Sept -2017

Dr. K.S.Prasad & Dr. Yogesh C. Joshi	A study of Engineering SMEs in Gujarat: Prospects of Sustainability and Challenges to Globalise in the Wake of Make in India Initiative	Amity Journal of Management (UGC list No. 42708)		Vol. 4, Pp. 1-7 July-Dec. 2016	July –Dec-2016
K.S.Prasad	A study of Employee Training and its effectiveness at few Pharmaceutical / Chemical Industries in the state of Andhra Pradesh	International Journal of Engineering Technology, Management and Applied Sciences		Vol. 4, Pp. 1-8, November 2016	November 2016
Dr. K.S.Prasad	A Conceptual Study of Organizational Training Practices and its impact on Performances	“Sanyojak” International Journal of Commerce and Management (UGC list No. 44372)		Vol 4, Pp. 44-51, March 2016	March 2016
Dr. Mitesh Jayswal	Service Quality Study of Abortion Treatment Available in Some Selected Districts of Gujarat	Researchers World: Journal of Arts Science and Commerce	International	Vol VIII Issue 1-2	January 2017
Dr. Mitesh Jayswal & Ms. Anushree Karani	Determining Relationship between Emotional Intelligence and Demographic Variables	Asian Journal of Research in Social Sciences and Humanities	International	Vol. 7, No. 2	February 2017

## DEPARTMENT OF ECONOMICS

Author(s)	Title	Journal	Status International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
Bhumi Desai, K.M. Joshi & Kinjal V. Ahir	What makes a University World Class? An Assessment of the Literature	Quest, ISSN 0976-3317	National	Vol VII, Issue I	1-16	December 2016
K.M. Joshi & Kinjal V. Ahir	Quality Assurance in Indian Higher Education: An Unfinished Agenda	Chapter in the book: Quality Assurance in Higher Education: A Global Perspective	International, Edited by Stamelos Georgios, K.M. Joshi & Saeed Paivandi	ISBN 978- 93-85883-7- 9, Studera Press	127-144	2017
Sonal Bhatt and S.S. Kalamkar	“ Solar Power Generation and Usage in irrigation: Lessons from a Novel Cooperative Initiative in India”	Indian Journal of Economics and Development, Society for Economics and Development, Ludhiana	National	Vol.13, No.3	413-423	2017
Parimalsinh Chavda and Sonal Bhatt	“Impact of Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) in Selected Districts of Gujarat”	SECOM Management and Technology Review, Vallabh Vidyanagar.	National	Volume 4, Issue 2, March	96-101	2017
Joshi, Y., H.P. Trivedi, D. Chauhan, R. Rathod, S. Mishra, Sonal Bhatt, B. Thomas, D. Raykundaliya	‘District Human Development Report-Panchmahals’	Gujarat Social Infrastructure Development Society, (GSIDS), Gandhinagar	State			2017
Sonal Bhatt	“Financial Literacy: A Holistic Perspective”	Asian Journal of Research in Banking and Finance, 2017, Asian Research Consortium, www.aijsh.com,	National	Vol. 7, No. 6, June	127-139	2017
Dr. J. K. Barot	Gujarat’s Khel Mahakumbh	International Journal of	International	Vol.-4	5-12	August

	Event- Major Opportunities for Youth & Children	Research in Humanities & Social Sciences		Issue-6		2016
Dr. J. K. Barot	Employment Scenario in Rural India	Sanyojak- International Journal of Commerce & Management	International	Vol.-4 Issue-7	24-41	September 2016
Dr. J. K. Barot	Livestock Development in Gujarat: An Assessment	Artha-Vikas	National	Vol.- LII NO.-1&2	71-85	Jan-Dec. 2016
Dr. J. K. Barot & Dr. Vijay S. Jariwala	Role of Women in SSIs- A Look into Small Scale Sector of Gujarat	Indian Journal of Technical Education (IJTE) ISSN- 0971-3034 UGC – List 20887	National	Special Vol. 2016	109-116	June, 2016
Dr. Vijay S. Jariwala	Rural Women Entrepreneurs; A Case Study for Cottage Industries of Dang District	Indian Journal of Technical Education (IJTE) ISSN- 0971-3034 UGC – List 20887	National	Special Vol. 2016	1-8	June, 2016
Dr. Vijay S. Jariwala	Analysis of Finances of Some Selected Municipal Corporations of Gujarat	Prajna- Journal of Humanities, Social Sciences and Business Administration- (UGC-Sr. No. 161/Journal No. 48557)	National	Vol. 18-19	88-101	December-2016
Dr. Vijay S. Jariwala	A Study of BSSM in Anand Dist. Of Gujarat- Some Economic Aspects	Chapter in the Book: Role of Cooperative Movement in Inclusive Development of India (Proceedings and Papers of 32 <sup>nd</sup> Annual National Convention) , ISSC, Pune. ISBN: 97881933365601	National	Ekvir Prakashan, Pune	213-228	2017

# **AGRO-ECONOMICS RESEARCH CENTRE**

Author(s)	Title	Journal	Status International/ National/ Regional/Local	Vol.No. And Issue No.	P.P.	Month & Year
Dimple Tresa Abraham and S.S. Kalamkar.	MFIs, Responsibility and Strategic Direction :, Strategic Change	ISSN: 1086-1718 online ISSN: 1099-1697	National	Vol. 25, No. 2,	603-612	Sept. 2016,
Mrutyunjay Swain, S.S. Kalamkar and Priyanka Patel.	Stability of Free Trade Agreements (FTA) for Indian Dairy Sector	Artha Vikas (ISSN: 0004-3567)	National	Vol. LII, No. 1 & 2	36-47	1 & 2 Jan. 2016,
S.S. Kalamkar	Climate Change, Natural Resource Degradation and Agriculture in India”, in Compendium of papers and abstract of ‘International Conference on ‘Food, Water, Energy Nexus in Arena of Climate Change	Agricultural Situation in India (ISSN: 0002-167)	International		128	Oct.14-16, 2016
M. Swain, S.S. Kalamkar and Kalpana Kapadia.	Performance of Soil Health Card Programme in Gujarat” in Compendium of papers and abstract of ‘International Conference on ‘Food, Water, Energy Nexus in Arena of Climate Change	Agricultural Situation in India	International		224	Oct. 14-16, 2016
Yamuna R. Pillai and S.S. Kalamkar.	Organic Farming in India: Strategy for Climate Change Mitigation” in Compendium of papers and abstract of ‘International Conference on ‘Food, Water, Energy Nexus in Arena of Climate Change		International		241	Oct. 14-16, 2016
K. M. Kapadia, R.A. Dutta and S. S. Kalamkar.	Possibilities and Constraints in Increasing Pulses Production in Rajasthan’, <i>Agricultural Economics Research Review</i>	Agricultural Economics Research Review	National	Vol.29, 2016	222	2016
R.A. Dutta, S.S. Kalamkar and M. R.	Impact of National Food Security Mission (NFSM) on Input Use, Production, Productivity and Income in Gujarat’,	Agricultural Economics Research Review	National	Vol.29	223	2016

Ojha	<i>Agricultural Economics Research Review</i>					
S. S. Kalamkar	Policy Implications in Strengthening E-Market/national Market”, proceedings of National Dialogue on Agricultural E-Market: national Agricultural Market, organized jointly by International Food Policy Research (IFPRI) New Delhi and Indian Society of Agricultural Marketing (IASM) at Centre for Economic and Social Studios.		National		12-13	Oct. 2016
Varuan Miglani and S.S. Kalamkar.	Review of Contract Farming Regulations with special reference to State of Maharashtra and Gujarat.	Indian Journal of Agricultural Marketing	National	Vol. 30, No. 3	83-84	2016
S.S. Kalamkar, M. Swain and K. M. Kapadia.	Trade in Indian Dairy Sector: Status, Issues and Challenges	Indian Journal of Agricultural Marketing	National	Vol. 30, No. 3	137-138	2016
M. Swain, S.S. Kalamkar and Priyanka Patel	Implications of Free Trade Agreements (FTA) for Indian Dairy Sector.	Indian Journal of Agricultural Marketing	National	Vol. 30, No. 3	142	2016
S.S. Kalamkar, H. P. Trivedi, S. R. Bhैया and D J. Chauhan (Forthcoming).	Socio-Economic Impact of Tarakpur Check Dam in Khambhat Area of Gujarat.	Indian Journal of Economic and Development	National			2016
S.S. Kalamkar, M. Swain and M. Vahora (Forthcoming).	Socio-Economic Impact Analysis of Introduction of Renewable Energy Technologies in Five Tribal Villages of Gujarat (India).	Indian Journal of Economic and Development	National			2016
Sonal Bhatt and S.S. Kalamkar (Forthcoming).	Solar Power Generation and Usage in Irrigation: Lessons from a novel cooperative initiative in India.	Indian Journal of Economic and Development	National			2016
S.S. Kalamkar, M. Swain and K.M.	Trade in Indian Dairy Sector: Status, Issues And Challenges.	Indian Journal of Economic and Development	National			2016

Kapadia (Forthcoming).						
Mrutyunjay Swain	Coping with Food and Nutrition Insecurity by Rural Women in Drought Prone Bolangir District of Western Odisha	<i>Agricultural Economics Research Review (ISSN: 0971-3441)</i>	National	Vol.29, No.2	43-52	July-Sept 2016
Mrutyunjay Swain	Qualitative Analysis of Functioning of Local Government for MNREGA Implementation in Rajasthan, India	The Journal of Local Government	Regional	Vol 42, No.1		March-2017
Mrutyunjay Swain	Assessing Desirability of Free Trade Agreements (FTA) for Indian Dairy Sector	<i>Artha Vikas (ISSN: 0004-3567)</i>	National	Vol. 52, No.1 and 2	36-47	July-Dec.2016
1st Co- author with Dr. Mamata Swain and Dr. Ranju. H. Sahoo	Experiences of Women with Super Cyclone in Coastal Odisha, India, in Linda Racioppi and Swarna Rajagopalan (Eds) 'Women and Disasters in South Asia: Survival, Security, and Development.	(ISBN: 9781138210462), Routledge (Taylor & Francis), London,	National		99-142	2016
S. R. Bhैया	Livestock Prospects and Problems in Gujarat.	<i>Artha Vikas</i> (R. No. 15058/67 ISSN 0004-3567)	National	Vol. LII, No.1 and 2	48-63	Jan-Dec 2016
S. R. Bhैया	Non-Farm Sector in Gujarat: Issues and Challenges.	SPET Research Journal of Social Science (ISSN No. 2348 2982)	National	Vol. 4 No. 2, Aug	4-30	Aug. 2016
S. R. Bhैया	Oilseed Economy in Gujarat: A Comparative Study of Groundnut.	SPET Research Journal of Social Science (ISSN No. 2348 2982)	National	Vol. 4 No. 2, Aug	86-100	Aug.2016
S. R. Bhैया and J P Parmar	Human Development in India – A View in the World Contest.	SPET Research Journal of Social Science (ISSN No. 2348 2982)	National	Vol. 5 No. 1, Feb	108-122	Feb. 2017
S. R. Bhैया	Socio Economic Impact of Check Dam on Agricultural Labour Families in Khabhat Area of Anand”	VISHLESHAN, Vishleshan Trust, Surat, Gujarat, (ISSN 0973-6891)	Regional	Vol. 42, No. 1	59-75	Jan-June. 2016
Meera and Sharma, Hemant	Trend and seasonal analysis of wheat in selected market of Sriganganagar	Economic Affairs	National	61(1):	127-134	2016
Verma, kumar Vinod,	Cumin Price Forecasting Rajasthan:	Indian Journal of Economics	National	12(1):	51-55	2016



Jheeba , S.S., Sharma, Hemant and Kumar Pradeep	ARIMA Model	and Development				
Panchal Sandeep Kumar. Pundir,R.S., Sharma, Hemant	Cost and Returns Analysis of Bidi Tobacco in Gujarat	Indian Journal of Economics and Development	National	12(3): /	595-598	2016
Sharma, Hemant and Burark, S.S.	Extent of Market Integration of Wheat in Rajasthan	Indian Journal of Economics and Development	National	12(3):	445-452	2016
Sharma, Hemant and Burark, S.S.	Accuracy of Different Price Forecasting Models For Maize in Nimbahera Market of Rajasthan	International Journal of Agriculture and Statistical Science	International	12 (1):	95-101	2016
Panchal, Sandip Kumar, Pundir, R. S. and Sharma, Hemant	Input Use, Costs Structure, Return Analysis of Bidi Tobacco and Wheat Crop in Gujarat: A Comparative Study	International Journal of Agriculture and Statistical Science	International	12 (1)	95-101	2016
Meera and Sharma, Hemant,	Seasonality and Exponential Smoothing Models for Price Forecasting of Rice in Selected Market of Uttar Pradesh	Agricultural Situation in India	National	LXXIII (11):	18-22/	2017

**(C) Social Sciences**

**Research Papers Published by the Teachers of Social Sciences of Postgraduate Departments in International/National/State Level Journals in 2016-2017**

Sr. No.	Departments	International	National	State
1.	History	-	01	-
2	Psychology	04	-	-
3	Library and Information Science	05	01	-
4	Sociology	04	01	-
5	M BPatel College of Education	01	-	-
	<b>Total</b>	<b>14</b>	<b>03</b>	<b>-</b>

**DEPARTMENT OF HISTORY**

Author(s)	Title	Book	Status International/ National/Regional /Local	Vol.No. And Issue No.	P.P.	Month & Year
Dr. H.V. Dave	Writings in the regional languages by Prof. M.A.Dhakey	Temple Architecture: Prasadanidhi			XLIX- IVIII	New Delhi

**DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE**

Author(s)	Title	Journal	Status International/National/ Regional/Local	Vol.No. And Issue No.	P.P.	Month & Year
Dr. N.D. Oza & Ms. Meghna Mehta	New Corporate Librarianship Skills and Its Scalability in the Post-Digital Era	Pearl: A Journal of Library and Information Science	National	10 (4)	242-249	2016
Dr. N.D.Oza	Importance of Library Management for Education and Learning	Research Matrix : International Multidisciplinary Journal of Applied Research	International	1(11)	110-115	June,2016
Dr. N.D.Oza	Corporate Library Services : A Study	Research Matrix : International Multidisciplinary Journal of Applied Research	International	1(12)	122-128	July,2016
Dr. N.D.Oza	Implementation of Six-Sigma in Academic Libraries for Increasing Service Quality	Research Matrix : International Multidisciplinary Journal of Applied Research	International	1(2)	105-111	Sept.,2016
Dr. N.D.Oza	Practical Library Research: A tool for effective Library Management	Research Matrix : International Multidisciplinary Journal of Applied Research	International	1(6)	85-94	Jan.,2017
Dr. N.D.Oza	Use of RFID in Library Management System : A Practical Implementation	Research Matrix : International Multidisciplinary Journal of Applied Research	International	13(7)	77-81	Feb.,2017

## DEPARTMENT OF SOCIOLOGY

Author(s)	Title	Journal	Status International/National/ Regional/Local	Vol.No. And Issue No.	P.P.	Month & Year
Prof.Ramesh Makwana	Empowerment of Gram sabha through social Audit	International Journal of Multidisciplinary Research Review	International	Vol-1 Issue-28	118-124	Jun-2017
	Impact of Television in Political Awareness of Rural Masses (An Empirical Study of Anand District of Gujarat State)	International Journal of Indian Economic Light	International	Vol-6 Issue-1	130-38	July-June 2017- 2018
	Dr.Ambedkar Motivator as a equalitarian Society	, Purvadeva: A Social Science Research Journal	National	Vol. 21	9-14	May- 2016
Dr.Ila M.Macwan	The Third Gender	Ideal Research International Multi-Disciplinary (E-Journal)	International	Vol.2 Issue.No.3		Feb-2017
	Female Feticide A Sociological Study	International Journal of Social Impact	International	Vol.2 Issue.2		June-2016

## DEPARTMENT OF PSYCHOLOGY

Author(s)	Title	Journal	Status International/National/ Regional/Local	Vol.No. And Issue No.	P.P.	Month & Year
Prof.S.M. Makwana	A role behaviour of sexual satisfaction among single and both spouse serving couples	“PRAJNA” Journal of humanities, social sciences and business administration	International/ National	18-19	78-87	Dec- 2016 - 17
	A Study of Adjustment, Life Style and Life Satisfaction of Educated Unemployed Youth	The International Journal of Indian Psychology	International/ National	4- 1	56-85	October- December- 2016

	Organizational Health, Job-Involvement and Work-Satisfaction among Supervisors of Pharmaceutical Organizations	The International Journal of Indian Psychology	The International Journal	4, Issue 3, No. 103,	1-9	April - June, 2017
	A Study of Aggression and Stress among Perusing of B.Ed. College Students	The International Journal of Indian Psychology	The International Journal	4, Issue 3, No. 103,	42-48	April - June, 2017
	A Study of Organizational Health among Nurses Employees Reference to Navsari District	The International Journal of Indian Psychology	The International Journal	4, Issue 3,	98-104	April - June, 2017
	A Study on Lifestyle among Gender Education and Religions	The International Journal of Indian Psychology	The International Journal	4, Issue 3,	112-120	April - June, 2017
P. S. Suvera	A comparative study of the locus of control among Institutionalized and Non-institutionalized aged	Journal of Social Science (Multidisciplinary) Gujarat Consortium of Gujarat	International	Issue-26	1-7	March, 2017
	A study of social freedom among the urban and rural areas women victims of domestics violence	International Journal of Social Science review	International	Vol. 04, Issue-2	194-199	Jun, 2016

#### M BPATEL COLLEGE OF EDUCATION

Author(s)	Title	Journal	Status International/National/ Regional/Local	Vol.No. And Issue No.	P.P.	Month & Year
Dr.A.J.Macwan	Two Tier Venture for Developing Guidance Skills in Student Teachers	International Journal of Research in Economics and Social Sciences.	International	Vo. 7 Issue. 6.	PP. 306~312	March 2017

**(D)Languages****Research Papers Published by the Teachers of Languages in International/National/State Level Journals in 2016-2017**

Sr No.	Departments	International	National	State
1	Gujarati	-	-	08
2	Hindi	01	07	-
3	Sanskrit	-	01	02
4	English	-	-	01
	<b>Total</b>	<b>01</b>	<b>08</b>	<b>11</b>

**DEPARTMENT OF ENGLISH**

Author(s)	Title	Journal	Status International/National/ Regional/Local	Vol.No. And Issue No.	P.P.	Month & Year
Mr P B Raval	The Holocaust and Philosophy: Derrida, Nancy and Agamben	Prajnâ: Journal of Humanities, Social Sciences and Business Studies	Local	Vol.18-19	53-64	Dec. 2016-17

**DEPARTMENT OF GUJARATI**

Author(s)	Title	Journal	Status International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
Param Pathak	Samudramanthan	ShilShrutam	Regional		01	Feb.-Apr. 2016
	Gyanionay chitta ne ....	ShilShrutam	Regional			Dec.-2016
	Bharatiya Sant Bhakt kavayitrio	Prajna	State			Dec.2016
Dr. Pinakini Pandya	Shedo Archetype	Lokgurjari	State			May-2016
Dr. R. V. Chaudhari	Kahevat Mala 100 purve no ek nondhpatra shashtriya Granth	Lokgurjari	State		85-89	Sep.2016
	Rajendra shukla ni Gazalo ma	Prajna	State			Dec.2016

	vyakt thato Adhyatma Bhav					
	Adam tankaravi ni Diasporic gazalo	Tathapi	State		93-100	Mar.May-2016
	Deepak Bardolika ni Gazalo	Shabdashrushti	State		47-56	Jan.-2017

#### DEPARTMENT OF HINDI

Author(s)	Title	Journal	Status International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
Dr. Dayashankar Tripathi	Namvarsingh Ka Chhyavad Bahuvachan Vimarsh		International	Ank-50 ISSN 2348-4586	257-265	July-Sept 2016
Dr. Dayashankar Tripathi	Gujarat Ki Hindi Seva	Bhasha	National	Ank-6 ISSN 0532-1418	91-106	July-Aug, 2016
Dr. Dayashankar Tripathi	Mahavirsingh Chauhan Ka Dayaramkavya-Vimarsh	Sahitya Parivar	National	Ank-26 ISSN 2050-1495	11-15	Mar-2017
Dr. Dayashankar Tripathi	Adhunik Hindi Sahitya Ko Mahabharat Ki Virasat	Paschim Samanvya	National	Vol, Ank-1	10-28	Jan-Mar, 2017
Madanmohan Sharma	Soorkavya ....	Samvet	National	5-7	150	June-2016
Madanmohan Sharma	Varsha Ritu Aur Brij .....	Sahitya Veethika	National	08	78	June-2016
Dr. Dilip Mahera	Adivasi Vimarsh	Book Review Chapter	National	--	80-84	2017
Dr. Dilip Mahera	Dalito Ke Vikas Ki Gatha	Book Review Chapter	National	--	274-284	2016

#### DEPARTMENT OF SANSKRIT

Author(s)	Title	Journal	Status International/ National/ Regional/ Local	Vol.No. And Issue No.	P.P.	Month & Year
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Prof.Dr. N. Patel	Sanskrit Uprupako-Bhavai	Prajna	National	18-19	28-33	December, 2016
	Harinarayadikshit Viracharitam Bhishmacharitm ma Dharma	Jay Jyoti	--	--	613-616	March, 2017
Dr. M.G. Patel	Kavi Revaprasad Dwivedi Viracharit Sita charitam ma Pratibimbit Vidyoparjn ni Prabhavk Asar	Jay Jyoti	--	--	626-630	March, 2017

**(2) Publication of Books**

**(I) Publication of Books/Chapters by the Postgraduate Departments**

**(A) Basic Sciences**

**Publication of Books by the Teachers of the Basic Sciences of Postgraduate Departments in 2016-2017**

Sr.No.	Departments	No. of Books
1	Computer Science	03
2	Chemistry	01
3	Material Sciecne	01
4	Biosciences	06
5	CISST	01
	<b>Total</b>	<b>12</b>

**DEPARTMENT OF BIOSCIENCES**

Nme of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
Edited By Rajesh Prasad Rastogi, Datta Madamwar Ashok Pandey	Algal Green Chemistry: A Recent Progress in Biotechnology	Elsevier	2017

Rastogi R. P, Sonani R. R, Incharoesakdi A., Madamwar D.	Sun-screening biomolecules in microalgae: role in UV-photoprotection. In: <i>Mapping UV-B research from past to Recent Advancements</i> , (Ed) Singh V.P., Singh S., Prasad S.M., Parihar P.	Wiley Blackwell. ISBN: 978-1-119-14360-4. pp-450.	2016
Johnson J., Jain K., Madamwar D.	Functional Metagenomics: Exploring Nature's Gold Mine. In: <i>Current Developments in Biotechnology and Bioengineering</i> . Volume 2, (Functional Genomics and Metabolic Engineering) Chapter2. Eds. P. Gunasekaran and Ashok Pandey.	Elsevier	2016
Jain K., Deasi C., Madamwar D.	Bacterial interaction with chromium and strategies for remediation of hexavalent chromium pollution. In: <i>Microbe Interaction and Bioremediation: Principal and Applications for Toxic Metals</i> .	CRC Press Taylor & Francis Group, Chapter 45, pp 719-729.	2016
Rastogi R. P., Sonani R. R., Madamwar D.	UV protectants from algae – synthesis and bio-functionalities, in <i>Algal Green Chemistry - Recent Progress in Biotechnology</i> . Eds. Rastogi R. P., Madamwar D., Pandey A..	Elsevier Chapter 2, pp 17-38	2017
Sonani R. P., Rastogi R. P., Madamwar D	Natural antioxidants from algae: a therapeutic perspective, in <i>Algal Green Chemistry – Recent Progress in Biotechnology</i> , Eds. Rastogi R. P., Madamwar D., Pandey A.. Elsevier.	Elsevier Chapter 5, pp 91-120	2017

#### DEPARTMENT OF MATERIAL SCIENCE

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
V.D.B.C. Dasireddy, J. Valand, H. Parekh	Heterogeneous Catalysis	LAP LAMBERT Academic Publishing, Germany, 2016	2016

#### DEPARTMENT OF CHEMISTRY

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
PRAGNESH N DAVE AND SHALINI CHATURVEDI	Characterization of Nanostructured Catalysts	Formatex Research Center, Spain (Editor: A. Méndez-Vilas).	Volume 2 ,Page No: 417-422, February,2017



### DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
Dr. Paresh V Virparia and Dr. Sohil Pandya	Web Usage Mining Techniques and Applications Across Industries Chapter name: Folksonomy-Based Information Retrieval by Generating Tag Cloud for Electronic Resources Management Industries and Suggestive Mechanism for Tagging Using Data Mining Techniques	IGI-Global - Pennsylvania (USA)	August - 2016
Akerkar R.A. and Sajja, P.S.	Book “Intelligent techniques for data science”	Springer International Publishing, Switzerland	August 2016
Sajja, P.S. and Trivedi, J.A.	Chapter “Personalized neuro-fuzzy expert system for determination of nutrient requirements”, Chintan Bhatt & S.K. Peddoju (Eds.), Cloud Computing Systems and Applications in Healthcare, Chapter 11, pp.218-244,	IGI Global Book Publishing, Hershey, PA, USA	October 2016

### DEPARTMENT OF CISST

Chaitanya Joshi, <b>Anju Kunjadiya</b>	Ravindra Pal Singh, Ramesh Kothari, Prakash Koringaa, Satya Prakash Singh	Human Milk Microbiome: A Perspective to Healthy and Infected Individuals	83-103	Understanding Host-Microbiome Interactions- An Omics Approach	978-981-10-5049-7	Springer Nature	Singapore	2017
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### (B) Economics Sciences

#### Publication of Books by the Teachers of the Economics Sciences of Postgraduate Departments in 2016-2017

Sr. No.	Departments	No. of Books
1	Economics	03
2	MBA	04
	<b>Total</b>	<b>07</b>

**DEPARTMENT OF ECONOMICS**

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
Dr. J. K. Barot	Small-Scale Industries in Gujarat- Some Economic Aspects	Sardar Patel University, Vallabh Vidyanagar	2017
Dr. J. K. Barot & Mayur Goswami	Vikas Banking	Brick Publications, Vallabh Vidyanagar	2017
Dr. J. K. Barot & Mayur Goswami	Kendriy Banking	Brick Publications, Vallabh Vidyanagar	2017

**DEPARTMENT OF BUSINESS MANAGEMENT (MBA)**

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
Ashish Mehta	Corporate Governance	Surbhi Publication, Anand	June, 2016
Vilas Kulkarni and Hardik Bavishi	Engineering Economics and Management	Vikas Publishing house, P. Ltd, (2016), ISBN - 978- 93259-9024-1	2016
Vilas Kulkarni and Achuthan Sarla	Case studies in Management	Himalaya Publications, (2016), ISBN- 978-93-5262-262-7,	2016
Dr. K.S.Prasad & Dr. Ombir Singh	Innovation and Sustainable Development in Business Management	Bharti Publication, New Delhi, 2016	2016
Dr. K.S.Prasad & Dr. Ombir Singh	Economic Environment of Business: Issues and Policy	Bharti Publication, New Delhi 2016	2016

**(C) SOCIAL SCIENCES****Publication of Books by the Teachers of Social Sciences of Postgraduate Departments in 2016-2017**

Sr. No.	Departments	No. of Books
1	Psychology	19
2	Sociology	02
3	M B Patel College of Education	05
	<b>Total</b>	<b>26</b>

## DEPARTMENT OF PSYCHOLOGY

Name of the Author(s)	Title of the Book	ISBN No,.	Name and place of the Publisher	Date of Publication
Prof.S.M. Makvana	Aspects of Psychosocial issues	978-93-86162-21-2	Redshine publication, Anand Gujarat	May'-2017
	Psychological issues, intervention and remediation	978-1-365-61732-4	AS above Publisher	Dece-2016
	Mental health; a Journey from illness to Wellness	978-93-86162-13-7	AS above Publisher	Octo-2016
	International Journal of Indian Psychology	<a href="http://www.ijip.in/ISSN:2348-5396/(e)/2349-3429(p)">www.ijip.in/ISSN:2348-5396/(e)/2349-3429(p)</a> Volume 3, Issue 2	AS above Publisher	January-March 2016
	International Journal of Indian Psychology	<a href="http://www.ijip.in/ISSN:2348-5396/(e)/2349-3429(p)">www.ijip.in/ISSN:2348-5396/(e)/2349-3429(p)</a> Volume 3, Issue 3	AS above Publisher	April-June 2016
	International Journal of Indian Psychology	<a href="http://www.ijip.in/ISSN:2348-5396/(e)/2349-3429(p)">www.ijip.in/ISSN:2348-5396/(e)/2349-3429(p)</a> Volume 3, Issue 4	AS above Publisher	July-September 2016
	International Journal of Indian Psychology	<a href="http://www.ijip.in/ISSN:2348-5396/(e)/2349-3429(p)">www.ijip.in/ISSN:2348-5396/(e)/2349-3429(p)</a> Volume 4, Issue 1	AS above Publisher	October-December 2016
	International Journal of Indian Psychology	<a href="http://www.ijip.in/ISSN:2348-5396/(e)/2349-3429(p)">www.ijip.in/ISSN:2348-5396/(e)/2349-3429(p)</a> Volume 4, Issue 2	AS above Publisher	Jan-March 2017
	International Journal of Indian Psychology	<a href="http://www.ijip.in/ISSN:2348-5396/(e)/2349-3429(p)">www.ijip.in/ISSN:2348-5396/(e)/2349-3429(p)</a> Volume 4, Issue 3	AS above Publisher	April-June 2017
	International Journal of Indian Psychology	<a href="http://www.ijip.in/ISSN:2348-5396/(e)/2349-3429(p)">www.ijip.in/ISSN:2348-5396/(e)/2349-3429(p)</a> Volume 4, Issue 4	AS above Publisher	July-September 2017
	International Journal of Indian Psychology	<a href="http://www.ijip.in/ISSN:2348-5396/(e)/2349-3429(p)">www.ijip.in/ISSN:2348-5396/(e)/2349-3429(p)</a> Volume 5, Issue 1	AS above Publisher	October-December 2017
	International Journal of Social Impact	<a href="http://www.ijsi.in/ISSN:2455-670X/">www.ijsi.in/ISSN:2455-670X/</a> Volume 1, Issue 1	AS above Publisher	January-March 2016
	International Journal of Social Impact	<a href="http://www.ijsi.in/ISSN:2455-670X/">www.ijsi.in/ISSN:2455-670X/</a> Volume 1, Issue 2	AS above Publisher	April-June 2016
	International Journal of Social Impact	<a href="http://www.ijsi.in/ISSN:2455-670X/">www.ijsi.in/ISSN:2455-670X/</a> Volume 1, Issue 3	AS above Publisher	July-September 2016

	International Journal of Social Impact	<a href="http://www.ijsi.in/ISSN:2455-670X/Volume 1,Issue 4">www.ijsi.in/ISSN:2455-670X/Volume 1,Issue 4</a>	AS above Publisher	October-December 2016
	International Journal of Social Impact	<a href="http://www.ijsi.in/ISSN:2455-670X/Volume 2,Issue 1">www.ijsi.in/ISSN:2455-670X/Volume 2,Issue 1</a>	AS above Publisher	January-March 2017
	International Journal of Social Impact	<a href="http://www.ijsi.in/ISSN:2455-670X/Volume 2,Issue 2">www.ijsi.in/ISSN:2455-670X/Volume 2,Issue 2</a>	AS above Publisher	April- to June-2017
	International Journal of Social Impact	<a href="http://www.ijsi.in/ISSN:2455-670X/Volume 2,Issue 3">www.ijsi.in/ISSN:2455-670X/Volume 2,Issue 3</a>	AS above Publisher	July-September 2017
	International Journal of Social Impact	<a href="http://www.ijsi.in/ISSN:2455-670X/Volume 2,Issue 4">www.ijsi.in/ISSN:2455-670X/Volume 2,Issue 4</a>	AS above Publisher	October-December 2017

#### DEPARTMENT OF SOCIOLOGY

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
Dr.Ila M.Macwan	Ekalyai Stri –A Sociological Study	Brick Publications	ISBN-978-93-83047-87-1 2016
	Sarogate –Sarogacy	Brick Publications	ISBN-978-93-83047-92-5 2016

#### MBPATEL COLLEGE OF EDUCATION

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
ડૉ. રીના એન વ્હોરા	અધ્યયનનું મૂલ્યાંકન	ડૉઅજીતસિંહરાણા	નીરવ પ્રકાશન ૨૦૧૬-
	અર્થશાસ્ત્રશિક્ષણપદ્ધતિ	ડૉઆરએમશર્મા.	નીરવ પ્રકાશન-20૧૬૧૭-
	બાલ્યાવસ્થાના સંવર્ધનનું મનોવિજ્ઞાન(ઉછેર)	ડૉનટુભાઈવીરાવલ.	નીરવ પ્રકાશન ૧૭-૨૦૧૬-
	અધ્યયન માટેનું પરીક્ષણ	ડૉએજીકાછીયા	નીરવ પ્રકાશન ૨૦૧૭-
	અધ્યયન અને અધ્યાપન	ડૉરવીન્દ્રઅંધારિયા	નીરવ પ્રકાશન ૨૦૧૭-

#### (D) Languages

**Publication of Books by the Teachers of Languages of Postgraduate Departments in 2016-2017**

No.	Departments	No. of Books
1	Gujarati	01
2	Sanskrit	02
	<b>Total</b>	<b>03</b>

**DEPARTMENT OF GUJARATI**

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
Dr. Pinakini Pandya	Hasu Yagnik krut Lok katha na Ghatakadi	Parshv Pub.- Ahmadabad	Dec.2016

**DEPARTMENT OF SANSKRIT**

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication
Banabhatta, (Edited by Prof. Dr. N. Patel)	Harshcharitam (Pancham Uchchhavas)	Parshava Publication, Ahmedabad	2016
Prof. Dr. Jaydev A. Jani (Edited & Translated By Dr. M.G. Patel)	Svargayita Swisdhara Sutram Vibhati	Savitri Prakashan, Vadodara	2016

**(3)Publication Unit of the University**

**For the journals and books published by the publication unit of the university, refer to Chapter-IV**

**3.3 Research Collaborations in Progress**

A very important aspect of our research effort is a strong collaborative research programme. The faculties have succeeded in developing collaborative research with academics in India and abroad resulting in the publication of joint research papers, operating collaborative research projects, joint organization of various academic programmes, faculty visits and so on. This is through e-mail facility followed by faculty visits.

### **International/National Collaboration**

Our international collaborators during last five years include scientists and academics from institutes like Clemson University (South Carolina, USA) CNRS (Mullhouse, France), Tokyo Institute of Technology (Japan), University of Erlanger-Nurmberg (Germany), University of Stuttgart, (Germany), University of Borden (France), Penn State University, (USA), Chungnam National University, (South Korea), University of London (UK), Open University of Milton Keynes (UK), University of Leeds (UK), University of Leipzig (Germany), University of Athens (Greece), Fukuoka University (Japan) and Fukuoka Institute of Technology (Japan). Our national collaborators during last five years are academics from Institutes like DRDL, (Hyderabad), DMRL (Hyderabad), BARC (Bombay), IPR (Gandhinagar), IGCAR (Kalpakkam), PRL (Ahmedabad), Mangalore University, South Gujarat University, The MS University of Baroda, Gujarat University, NDDDB, IUCAA (Pune), GAU (Anand), SICI (New Delhi), the British Council (Mumbai), the USEFI (Mumbai) etc.

### **Interdepartmental Collaboration**

There is also interdepartmental collaborative research among Departments in Humanities and Social Sciences as well as among some Departments in Sciences. These include research amongst (a) Departments of Chemistry and Biosciences, (b) Departments of Materials Science and Chemistry, (c) Departments of Biosciences and Mathematics, (d) Departments of Mathematics and Chemistry, (e) Departments of Languages, (f) Departments of Computer Science and Technology and Biosciences, (g) Department of Economics and Agro-Economic Research Centre, (h) Departments of Home Science and Biosciences, (i) Departments of Materials Science and Biosciences and (j) Departments of Physics and Materials Science. The Department of Materials Science has also developed collaborations with GCET College, BVM Engineering College, SVNIT, Surat and LD Engineering College. of course, all Departments converge in the activities of the Community Science Centre.

Accepting a concrete outcome like publication of papers, research projects, patents, organization of an academic programme as criteria for research collaboration, the following table describes the research collaborations in progress during the present year:

The following Table offers a bird's eye view of the research collaborations in progress in the year under review:

#### **Collaborative Research Work / Activities Conducted in 2016-2017**

<b>Sr. No.</b>	<b>Department</b>	<b>Collaborative Research Work/Activities</b>
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Sr. No.	Department	Collaborative Research Work/Activities
1	CISST	1. Department of Animal Biotechnology, College of Veterinary Science and Animal Husbandry, Anand Agricultural University, Anand 2. Department of Medicine, College of Veterinary Science and Animal Husbandry, Anand Agricultural University, Anand 3. Department of Pharmaceutical Science, Saurashtra University, Rajkot 4. Department of Prasutitantra and Striroga, G. J. Patel Institute of Ayurveda, Ayurveda Studies and Research, New Vallabh Vidyanagar, Anand
2	Lib. & Info. Sci.	In MPhil Course, Joint Supervision for the Dissertation under the Paper – Information Technology has been carried out with SVNIT Faculty Dr.Sohel Pandya
3	Materials Science	(a) <b>Industries</b> KANA Advanced composites, Vadodara, SUD-Chemie, Nandesari, Vadodara, Raks Pharma, Vadodara, GMM, GIDC,Vithal Udyognagar, Jubilant Life Sciences Ltd., vadodara, Expandable Polymers, Dahej, GNFC, Dahej (b) <b>Educational Institutions</b> Chemistry Dept., SPU, V.V. Nagar., Physics Dept. SPU, V.V. Nagar.,Central University, Gandhinagar, ,CHARUSAT University, Changa, Bioscience Dept. SPU, V.V. Nagar., BVM. Engg. College, V. V. Nagar., M.S. University, Baroda, CISST, SPU (c) <b>(I) National Organizations</b> Central University of Gujarat, Gandhinagar, CEPET, Ahmedabad , IIT Delhi

### 3.4 Academic Programmes Organized and Participated

#### (1) Academic Development Programmes (Seminars, Workshops, Conferences) Organized By University Postgraduate Departments

##### DEPARTMENT OF BIOSCIENCES

Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date
Current trends in Biological Sciences	P. G. Department of Biosciences and GSBTM	Vallabh Vidyanagar	January 19-20, 2017
Brain storming cum workshop on: Development of next generation cost effective technologies for waste water reuse and restoring the polluted sites	P.G. Dept. Of Biosciences	V.V. Nagar	Oct. 03, 2016
2nd UGC Conference on Current Trends in Biological Sciences (CTBS-2017)	Department of Biosciences, SPU	Vallabh Vidyanagar	20-21 Jan 2017
2 <sup>nd</sup> National Conference on Current Trends in Biological Sciences	Organized by Department of Biosciences, Sardar Patel	Department of Biosciences, Sardar	January 20 – 21, 2017

(CTBS) – 2017.	University and Gujarat State Biotechnology Mission, Gandhinagar	Patel University	
UGC national seminar on Current Trends in Biological Sciences	Post graduate department of Biosciences, UGC center for advanced studies in Bioresource technology	Vallabh Vidyanagar	20-21 January, 2017

#### DEPARTMENT OF CHEMISTRY

Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date
“Emerging Dimensions in Chemical Science Research (IEDCSR-2016)”	Department of Chemistry	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar	20 <sup>th</sup> February 2016
“CURRENT SCENARIO: OPPORTUNITIES AND CHALLENGES IN CHEMICAL SCIENCE RESEARCH (COCCS-2017)”	Department of Chemistry	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar	15 <sup>th</sup> March 2016
UGC sponsored National Seminar on: Current Scenario: Opportunity and Challenges in Chemical Science Research (COCCS-2017),	Dept. of Chemistry, SPU,	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar	15/3/2017

#### DEPARTMENT OF CISST

Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date
37 <sup>th</sup> Orientation Course	UGC HRDC-S.P.University	Vallabh Vidyanagar	08/05/17 to 04/06/2017
International Faculty Development Program (IFDP)	GTEP HRDC S.P.University	Vallabh Vidyanagar	03/08/2017 to 04/08/2017
UGC Sponsored National Workshop on Characterization Techniques for Materials (NWCTM-2017)	Dep. of Materials Science, Sardar Patel University	Vallabh Vidyanagar	06 <sup>th</sup> - 07 <sup>th</sup> March, 2017



36 <sup>th</sup> Orientation Programme	UGC-HRDC, SPU	Vallabh Vidyanagar	8 <sup>th</sup> May 2017 to 4 <sup>th</sup> June 2017
International Faculty Development Programme (IFDP)	GTEP, UK -RUSA-HRDC, SPU	Vallabh Vidyanagar	3 <sup>rd</sup> August 2017 to 4 <sup>th</sup> August 2017
Exam Orientation Programme	SPU	Vallabh Vidyanagar	06/10/2016
Current Trends in Biological Sciences	P.G. Department of Biosciences, Sardar Patel University	Vallabh Vidyanagar	20-01-2017-21/01/2017
National Summit on Innovation & Technology (National Summit on Innovation & Technologies)	DST and GSBTM	Gandhinagar	30 September 2016

#### DEPARTMENT OF COMPUTER SCIENCE

Theme	Sponsors	Date	Place
State Level Programming Competition	Department of Computer Science, SPU and Computer Society of India , Vallabh Vidyanagar Chapter	18/02/2017	Department of Computer Science, SPU, VV Nagar
State Level IT Quiz Competition	Department of Computer Science, SPU and Computer Society of India , Vallabh Vidyanagar Chapter	18/02/2017	Department of Computer Science, SPU, VV Nagar
State Level Paper Presentation Competition	Department of Computer Science, SPU and Computer Society of India , Vallabh Vidyanagar Chapter	18/02/2017	Department of Computer Science, SPU, VV Nagar

#### DEPARTMENT OF ELECTRONICS

Theme	Sponsors	Date	Place
National workshop on Electronic Devices and Characterization Techniques (NWEDCT-2017) : Chairman : Prof. B.H.Patel, Co-ordinator: Dr. Sunil S Patel, Co-coordinator : Dr. V.S.Vaishnav, Organizing Secretary : Mr. P.B.Patel, Treasure: Dr. U. B.Trivedi	UGC	14 <sup>th</sup> March 2017	Department of Electronics, Sardar Patel University, Vallabh Vidyanagar

**DEPARTMENT OF MATERIALS SCIENCE**

Theme	Sponsors	Date	Place
UGC sponsored two days National workshop on Characterization Techniques for Materials (NWCTM-2017)	UGC	06 <sup>th</sup> -07 <sup>th</sup> March 2017	Department of Materials Science S.P. University
TEQIP-II sponsored two one days workshop on “Materials Processing and Characterization”	TEQIP-II	30 <sup>th</sup> & 31 <sup>st</sup> March 2017	Department of Materials Science S.P. University Jointly with BVM Engineering college

**DEPARTMENT OF MATHEMATICS**

Theme	Sponsors	Date	Place
National Seminar on Functional Analysis and Harmonic Analysis	UGC-SAP-DRS III	16-18 January 2017	Dept. of Mathematics, Sardar Patel University
Workshop on Problem Solving in Mathematics	UGC-SAP-DRS III	25-30 January 2017	Dept. of Mathematics, Sardar Patel University

**CISST**

Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Sponsors	Place	Date
Liquid Chromatography – Mass Spectrometry (LC-MS/MS) Applications in Food Safety	SPU	CISST SPU	6-10-2016

**DEPARTMENT OF HISTORY**

Theme	Sponsors	Date	Place
Freedom Movement in India and Satyagrahas in Gujarat: A Review	UGC (State Level)	01 – February, 2017	Dept. of History, Sardar Patel University, Vallabh Vidyanagar

## DEPARTMENT OF POLITICAL SCIENCE

Dr. Babasaheb Ambedkar Jayanti Dr. Babasaheb Ambedkar 125 <sup>th</sup> Janmajayanti Celebration	Jointly by Dr. Babasaheb Ambedkar Adhyayan Ekam Prkalp (Chair), Sardar Patel University, Vallabh Vidyanagar and Nayab Niyamak, Anusuchit Jati Kalyan, Anand	Dr. Ambedkar Bhavan, Anand	14/04/2016	Hon. Director, Dr. Babasaheb Ambedkar Chair, S.P. University, V.V. Nagar
NET Orientation Programme May- 2016	UGC Sponsored NET Coaching Centre for SC/ST, Sardar Patel University, Vallabh Vidyanagar	P.G. Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar	02/05/2016	Director
World Population Day Celebration	Jointly Organized by P.G. Department of Political Science, Sardar Patel University and Indian Institute of Public Administration, Local Branch, V.V. Nagar	Class No. 5, Humanities Building, Sardar Patel University, V.V. Nagar	11/07/2016	Director
Library Orientation-cum-Information Literacy for Post Graduate Students for Library Awareness	Jointly organized by P.G. Department of Political Science, Sardar Patel University and Bhaikaka Library, Sardar Patel University, Vallabh Vidyanagar	Class No. 5, Humanities Building, Sardar Patel University, V.V. Nagar	21/07/2016	--

## DEPARTMENT OF PSCHOLOGY

Theme	Sponsors	Date	Place
“Managing Organizational Change for Overall Efficiency”	Two-Day UGC Sponsored National Level Seminar, and Association with Department of Psychology, Indian Psychollgical Association and International Journal of Indian Psychology	March 18- 19, 2017	Department of Psychology, Sardar Patel University, Vallabh Vidyangar- 388 120

**DEPARTMENT OF SOCIOLOGY**

Theme	Sponsors	Date	Place
UGC Sponsored National Seminar on Violence Against Women: Problems, Prospects & Prescriptions”	UGC New Delhi	27-28 February 2017	Dept. of Sociology, Sardar Patel University ,Vallabh Vidyanagar,

**DEPARTMENT OF BUSINESS STUDIES**

Theme	Sponsors	Date	Place
Dr. S. K. Bhatt : UGC- SAP One Day National Level Seminar on “Changing Corporate Fabric: Accounting, Taxation and Governance”	Seminar Director, Department of Business Studies, Sardar Patel University under the SAP (DRS Phase-II) scheme of the UGC.	04/02/2017	Department of Business Studies, Sardar Patel University
Dr. P. K. Rathod : One Day National Level Seminar on “GST: A Landmark Tax Reform since Independence”	Seminar Secretary, Department of Business Studies, Sardar Patel University under the SAP (DRS Phase-II) scheme of the UGC.	2/10/2016	Department of Business Studies, Sardar Patel University
National Seminar on “Changing Corporate Fabric: Accounting, Taxation and Governance”.	Department of Business Studies, Sardar Patel University under the SAP (DRS Phase-II) scheme of the UGC.	04/02/2017	Department of Business Studies, Sardar Patel University

**DEPARTMENT OF ECONOMICS**

Theme	Sponsors	Date	Place
Human Development	GSIDS, Govt. of Gujarat	21/01/2017	G.H. Patel Institute of Business Management S. P. University, Vallabh Vidyanagar

**DEPARTMENT OF BUSINESS MANAGEMENT(MBA )**

Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date
National HR Conclave on Global Trends and Practices in Human Resources	G H Patel P.G. Institute of Business Management	Vallabh Vidyanagr	4 March 2017
Effective Teaching beyond Chalk and Talk	Department of Commerce and Business Administration, Saurashtra University,	Rajkot	3 December 2016
UGC sponsored National Seminar on Changing Corporate Fabric; Accounting, Taxation and Governance	P.G. Department of Business Studies, S P Uni.	Vallabh Vidyanagar	4 <sup>th</sup> February 2017
Effective Teaching through Non Lecture Methods -State Level Workshop	P G Department of Business Studies	Vallabh Vidyanagr	3-4 September 2016
Human Development : Issues and Challenges	G.H.Patel P.G. Institute of Business Management & P.G. Dept of Economics, S.P. University	Vallabh Vidyanagar	21/Jan/2017
Global Trends and practices in Human Resources	G H Patel Post Graduate Institute of Business Management	Vallabh Vidyanagar	04-03-2017
Changing Corporate Fabric- Accounting Taxation and Governance	Department of Business Studies Sardar Patel University	Vallabh Vidyanagar	04-02-2017

**DEPARTMENT OF ENGLISH**

Theme	Sponsors	Date	Place
One-Day Workshop on “The Cultivation of Empathy through the Art of Cinema”	Dept. English, S. P. U. V. V. Nagar & Balvant Parekh Centre for General Semantics and Other Human Sciences (Vadodara)	28 August, 2016	Dept. of English, S. P. U. V. V. Nagar
A Lecture-cum-Talk by Shri Malik Sajad, the Kashmiri political cartoonist and graphic novelist, on “ Graphic Novel and Visual Storytelling”	Dept. English, S. P. U. V. V. Nagar	06 October, 2016	Dept. of English, S. P. U. V. V. Nagar
A Guest Lecture by Dr Madhurita Chaudhary, Professor, Dept. of English, M. S.U. of Baroda, Vadodara on “Dostoevsky’s <i>Notes from the Underground</i> ”	Dept. English, S. P. U. V. V. Nagar	February, 2016	Dept. of English, S. P. U. V. V. Nagar

**DEPARTMENT OF GUJARATI**

Theme	Sponsors	Date	Place
National Seminar on “Loksahityana Sanshodhanna Vividha Abhiggamo”	Zaverchand Meghani Loksahitya Kendra, Rajkot and Department of Gujarati, Sardar Patel University	10-02-2017	Vallabh Vidyanagar
National Seminar (Research Skill Development Programme on Research and Editing of Manuscripts)	UGC DRS SAP-I, Department of Gujarati, Sardar Patel University	06-12-16 to 09-12-16	Vallabh Vidyanagar
National Seminar on “Law and Literature”	U. G. C. New Delhi and Department of Gujarati, Sardar Patel University	11-02-17	Vallabh Vidyanagar
National Seminar on “The Horizons of Research”	UGC DRS SAP-I, Department of Gujarati, Sardar Patel University	13-02-17	Vallabh Vidyanagar

**DEPARTMENT OF HINDI**

Theme	Sponsors	Date	Place
Bhartiya Loknatyaroop	Sahitya Academy	1/02/2017	Mansa
Prayojanmulak Hindi	UGC Outreach	27-28/02/2017	Bhavnagar
Journals of Indian Languages	BAOU & IGNOU	14-15 Oct-2017	Ahmedabad
Human Rights	Anand College	11/03/2017	Anand
Natak Evam Rangmanch (National Seminar)	Sahitya Akademy Arts and Commerce College, Gandhinagar	10/03/2017	Devgadh Bariya
Hindi Kahani : Nai Sadi Ka Srujan Aur Sarokar (International Seminar)	Central University of Gujarat	17/01/2017	Gandhinagar

**DEPARTMENT OF SANSKRIT**

Theme	Sponsors	Date	Place
National Seminar on “Sanskrit Vangmayma Jivanani Gunavatta Angeno Vimarsh”	Gujarat Sahitya Academi, Gandhinagar & Department of Sanskrit, Sardar Patel University, Vallabh Vidyanagar	07-08/02/2017	Vallabh Vidyanagar

**(2)Academic Programmes Participated/Lecturers Delivered In Academic Programmes/Papers Presented:**

**A. Facilitation of PG Teachers' Participation in Academic Programmes by University Postgraduate Departments**

The University has, as a matter of healthy practices, been encouraging its faculty to undertake research by granting them Duty Leave, Study Leave etc, besides sending them on deputation, making financial support available to them for participation in Conferences, Seminars Workshops, Summer and Winter Schools. Besides the unassigned UGC grants, the university has made provision to finance research activities from its Self-financed and Golden Jubilee Endowment Funds. This enables the faculty to participate very enthusiastically in academic activities, besides giving invited talks.

**(I) Lectures Delivered By the Teachers of the Departments in 2016-2017**

<b>Sr No.</b>	<b>Department</b>	<b>International</b>	<b>National</b>	<b>State</b>	<b>Local</b>
1	Biosciences	00	02	03	00
2	Chemistry	00	03	02	00
3	Computer Science	00	00	00	54
4	Materials Science	00	00	03	02
5	Mathematics	00	04	07	00
6	Physics	00	01	01	02
7	Business Studies	00	00	00	12
8	Business Administration (MBA)	00	03	02	17
9	Economics	01	00	02	09
10	History	00	00	01	04
11	Department of Library Information Science	00	00	00	03
12	Political Science	00	00	00	00
13	Psychology	00	00	03	00
14	Sociology	00	01	04	03
15	M B Patel College of Education	00	00	00	28
16	Educaiton	00	00	01	03
17	Gujarati	00	02	01	03
18	Hindi	00	00	00	07
19	Sanskrit	00	05	04	04
20	Home Science	00	00	01	05
21	English	00	01	00	00

**DEPARTMENT OF BIOSCIENCES**

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Prof. Datta Madamwar	Protein Engineering	8 <sup>th</sup> Dec. 2017	P.S. Science & H.D. Patel Arts College, Kadi	GSBTM sponsored Capacity Building Program
Dr. R.B. Subramanian	Mechanisms of Biotic and abiotic resistance in plants	10-12-2016	VIT, Vellore, Tamil Nadu	Invited talk
	Perspectives in Phyto chemistry	02-01-2017	V P Science college, V V Nagar	Key note address
	Engineering disease resistance in plants	11-02-2017	M N Virani Science college, Rajkot	Invited talk
	Separation techniques	17-02-2017	N V P A S under GSBTM work shop	Invited talk
Dr. T.V.Raman Rao	Delivered an invited talk on 'Emerging Technologies for improving post-harvest quality and safety of fruits and vegetables'	09-03-2017	Department of Biosciences, Saurashtra University, Rajkot	during National Conference on "Biodiversity and Bioresource Utilization"

**DEPARTMENT OF CHEMISTRY**

Topic	Date(s)	Place	Name of the Scheme under which the lecturer was arranged
Spectroscopic characterization of bioactivemolecules	5 Dec 2016	ICAR-Directorate of Medicinal and Aromatic Plants Research, Boriavi	ICAR sponsored Winter School on "Bio-active compounds from medicinal plants: A wealth of novelties and opportunities"
Soft Matter: Prove to you that it is hard science, even though the stuff we are talking about is squishy	21 <sup>st</sup> February, 2017	Nathdwara Institute of Biotechnology & Management, Nathdwara, Rajasthan	Innovation of Science Pursuit for Inspire Research (INSPIRE) programme Sponsored by the Department of Science & Technology
Nanotechnology	19 <sup>th</sup> March, 2017	Sardar Vallabhbhai National Institute of Technology, Surat	Science Fest-Prakriti-2017 organized by the Society Cultivation of Science & Humanities (SCOSH), A Student Chapter



Nanocatalysis and Reaction Engineering Enhancement (Two lectures)	04 <sup>th</sup> May, 2017	Chemical Engineering Department of L D College of Engineering, Ahmedabad	Short Term Training Programme (STTP) on “Energy Conservation through Process Intensification”
Recognizing Research: Approaches and Designs	03-10-2017	Indian Institute of Teacher Education, Gandhinagar	Faculty Development Programme
Selecting: Refining and Defining Research Problem	03-10-2017	Indian Institute of Teacher Education, Gandhinagar	Faculty Development Programme
Triplet Harvesting Strategies of Ir(III) Base Complexes for OLEDs Application	7-8 April	Kottayam, Kerala	ICNM 2017 held at Mahatma Gandhi University, Kottayam, Kerala, India.

#### DEPARTMENT OF COMPUTER SCIENCE

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Prof. D B Shah	ICT Application in Healthcare	22-11-2016	UGC Human Resource Development Center, S.P.University, V.V.Nagar	39th Refresher Course : ICT Applications (14-11-2016 to 04-12-2016)
Prof. D B Shah	Multimedia Applications	22-11-2016	UGC Human Resource Development Center, S.P.University, V.V.Nagar	39th Refresher Course : ICT Applications (14-11-2016 to 04-12-2016)
Prof. D. B. Choksi	Basics of Computer Technology	06-05-2016	UGC Human Resource Development Center, S.P.University, V.V.Nagar	UGC Sponsored 32 <sup>nd</sup> Orientation Programme for University and College Teachers
	ICT Fundamentals	17-05-2016	UGC Human Resource Development Center, S.P.University, V.V.Nagar	UGC Sponsored 2 <sup>nd</sup> Professional Development Programme : Smart Administration through Computer and Information Technology
	Basics of Computer Technology	15-07-2016	UGC Human Resource Development Center, S.P.University, V.V.Nagar	UGC Sponsored 33 <sup>rd</sup> Orientation Programme for University and College Teachers
	Spoken Tutorial Project	10-09-2016	V.P.Science College, V.V.Nagar	Spoken Tutorial Project
	Computer Technology	30-09-2016	UGC Human Resource Development Center,	UGC Sponsored 34 <sup>th</sup> Orientation Programme for University and College

			S.P.University, V.V.Nagar	Teachers
	Computer Networks	14-11-2016	UGC Human Resource Development Center, S.P.University, V.V.Nagar	UGC Sponsored 39th Refresher Course : ICT Applications for University and College Teachers
	Planning & Structuring Research Proposals	13-01-2017	C.P.Patel Commerce College, Anand	One Day National Workshop on Preparation of a Research Proposal
	Computer Technology	10-02-2017	UGC Human Resource Development Center, S.P.University, V.V.Nagar	UGC Sponsored 35th Orientation Programme for University and College Teachers
Prof. P. V. Virparia	Data Warehouse and Data Mining	31-1-2017	ISTAR, V V Nagar	Institute – Self-finance
	MS – EXCEL	7-10-2016	UGC Human Resource Development Centre, Sardar Patel University, Vallabh Vidyanagar.	34th Orientation Programme
	MS – EXCEL	13-10-2016	UGC Human Resource Development Centre, Sardar Patel University, Vallabh Vidyanagar.	34th Orientation Programme
	MS – EXCEL	23-11-2016	UGC Human Resource Development Centre, Sardar Patel University, Vallabh Vidyanagar.	39th Refresher Course – ICT Applications at UGC-HRDC, S P Uni.
	How to write a research Proposal	13-1-2017	C.P.Patel and F.H.Shah Commerce College, Anand	Institute – Self-finance
	Ms – EXCEL	23-02-2017	UGC Human Resource Development Centre, Sardar Patel University, Vallabh Vidyanagar.	35th Orientation Programme at UGC-HRDC, S P Uni.
Prof. P. S. Sajja	PowerPoint presentations 1 PowerPoint presentations 2	18-07-2016	UGC - Human Resource Development Centre, Sardar Patel University, Vidyanagar	33rd Orientation Programme (11-07-2016 to 07-08-2016)
	PowerPoint presentations 1 PowerPoint presentations 2	1-10-2016	UGC - Human Resource Development Centre,	34th Orientation Programme (26-09-2016 to 23-10-2016)

			Sardar Patel University, Vidyanagar	
PowerPoint presentations 1 PowerPoint presentations 2	18-11-2016	UGC - Human Resource Development Centre, Sardar Patel University, Vidyanagar	39th Refresher Course : ICT Applications (14-11-2016 to 04-12- 2016)	
Expert systems 1 Expert systems 2	21-11-2016	UGC - Human Resource Development Centre, Sardar Patel University, Vidyanagar	39th Refresher Course : ICT Applications (14-11-2016 to 04-12- 2016)	
Soft Computing 1 Soft Computing 2	17-09-2016	Anand Institute of Information Technology, Ramkrishna Seva Mandal, Anand	GUJCOST SPONSORED SEMINAR ON SOFT COMPUTING APPLICATIONS & RESEARCH SCOPES	
Research Perspectives on Knowledge Based Systems	27-09-2016	PSG College, Coimbatore	Invited guest lecture	
Pannel Discission on Data Mining and Big Data :Research Prospects	26-09-2016	Sasurie College, Tripur, TN	Panel discussion	
Presentations Tools 1 Presentations Tools 2	10-02-2017	UGC - Human Resource Development Centre, Sardar Patel University, Vidyanagar	35th Orientation Programme (06-02- 2017 to 05-03-2017)	
Expert systems 1 Expert systems 1	16-02-2017	UGC - Human Resource Development Centre, Sardar Patel University, Vidyanagar	35th Orientation Programme (06-02- 2017 to 05-03-2017)	
Artificial Intelligence	13-02-2017 11:00 to 1:00	M B Patel Science College, Anand	Invited guest lecture	
Presentations Tools 1 Presentations Tools 2	19th December, 2016	Institute of Chartered Accounts	National Level CA training Programme sponsored by Western India Regional Council of The Institute of Chartered Accountants Of India	
Presentations Tools 1 Presentations Tools 2	20th December,	Institute of Chartered Accounts	National Level CA training Programme sponsored by Western India Regional	

		2016		Council of The Institute of Chartered Accountants Of India
	Presentations Tools 1 Presentations Tools 2	26th December, 2016	Institute of Chartered Accounts	National Level CA training Programme sponsored by Western India Regional Council of The Institute of Chartered Accountants Of India
Dr. P. P. Pittalia	Network Security	18th Nov 2016	S. P. University, Vallabh Vidyanagar	39th Refresher Course: ICT Applications UGC Human Resource Development Centre, S P U, VVNagar.
Mr. B. B. Patel	MS-ACCESS-I	29/07/2016	UGC-HRDC, Sardar Patel University, V V Nagar	UGC recognized 33rd Orientation Programme
	MS-ACCESS-II	29/07/2016	UGC-HRDC, Sardar Patel University, V V Nagar	UGC recognized 33rd Orientation Programme
	Multimedia Tools - I	01/08/2016	UGC-HRDC, Sardar Patel University, V V Nagar	UGC recognized 33rd Orientation Programme
	Multimedia Tools - II	01/08/2016	UGC-HRDC, Sardar Patel University, V V Nagar	UGC recognized 33rd Orientation Programme
	MS-Excel-I	07/10/2016	UGC-HRDC, Sardar Patel University, V V Nagar	UGC recognized 34th Orientation Programme
	MS-Excel-II	07/10/2016	UGC-HRDC, Sardar Patel University, V V Nagar	UGC recognized 34th Orientation Programme
	Multimedia Tools - I	21/10/2016	UGC-HRDC, Sardar Patel University, V V Nagar	UGC recognized 34th Orientation Programme
	Multimedia Tools - II	21/10/2016	UGC-HRDC, Sardar Patel University, V V Nagar	UGC recognized 34th Orientation Programme
	DBMS-I	15/11/2016	UGC-HRDC, Sardar Patel University, V V Nagar	39th Refresher Course (ICT Applications)
	DBMS-II	15/11/2016	UGC-HRDC, Sardar Patel University, V V Nagar	39th Refresher Course (ICT Applications)
	e-Content Development-I	22/11/2016	UGC-HRDC, Sardar Patel University, V V Nagar	39th Refresher Course (ICT Applications)
	e-Content Development-II	22/11/2016	UGC-HRDC, Sardar Patel University, V V Nagar	39th Refresher Course (ICT Applications)
	Multimedia Tools-I	14/02/2017	UGC-HRDC, Sardar Patel	UGC recognized 35th Orientation

			University, V V Nagar	Programme
	Multimedia Tools-II	14/02/2017	UGC-HRDC, Sardar Patel University, V V Nagar	UGC recognized 35th Orientation Programme
	MS-Excel-I	17/02/2017	UGC-HRDC, Sardar Patel University, V V Nagar	UGC recognized 35th Orientation Programme
	MS-Excel-II	17/02/2017	UGC-HRDC, Sardar Patel University, V V Nagar	UGC recognized 35th Orientation Programme
Dr. J. V. Smart	Website Development-1	24/11/2016	UGC Human Resource Development Centre, Sardar Patel University, Vallabh Vidyanagar.	39th Refresher Course : ICT Application
	Website Development-2	24/11/2016	UGC Human Resource Development Centre, Sardar Patel University, Vallabh Vidyanagar.	39th Refresher Course : ICT Application
	Introduction to Linux (Ubuntu)	03/03/2017	UGC Human Resource Development Centre, Sardar Patel University, Vallabh Vidyanagar.	3rd Professional Development Programme : Design and Development of Institutional Repository using DSPACE
Dr. B. V. Patel	IT Strategic Decision Making	09/02/2017	MCA Dept. – Parul University	Expert Lecture
	Cyber Crime as a Social Problem	15/02/2017	Nalini-Arvind and T. V. Patel Arts College	Guest Lecture
	Decision support Systems	01/03/2017	MCA Dept. – Parul University	Expert Lecture
Dr. H. B. Pandit	Software Testing	19/11/2016	MCA Dept. – Parul University	Expert Lecture
	Transport Layer	27/03/2017	MCA Dept. – Parul University	Expert Lecture

**DEPARTMENT OF MATERIALS SCIENCE**

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Dr.R.H.Patel	Fabrication of Fiber Reinforced Composite	30 <sup>th</sup> & 31 <sup>st</sup> March-2017	Department of Materials Science,	TEQIP Sponsored Organized by Birla Vishwakarma Mahavidyalaya & Department of Materials Science,Sardar Patel University, Vallabh Vidyanagar.
Dr. Jignesh Valand	Scanning Electron Microscopy	7 <sup>th</sup> March 2017	Sardar Patel University	UGC Sponsored Organized by Department of Materials Science, Sardar Patel University, Vallabh Vidyanagar.
Dr. Jignesh Valand	Analysis of Materials using Scanning Electron Microscope Technique	30 <sup>th</sup> & 31 <sup>st</sup> March-2017	Department of Materials Science,	TEQIP Sponsored Organized by Birla Vishwakarma Mahavidyalaya & Department of Materials Science, Sardar Patel University, Vallabh Vidyanagar.

**DEPARTMENT OF MATHEMATICS**

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
A H Hasmani	Laczos potential for some non-vacuum space time	27-28 January, 2017	Deen Dayal Gorakhpur University	National Conference on Differential Geometry and its Applications
A H Hasmani	Problem Solving in Mathematics	January 2017	Department of Mathematics, Sardar Patel University	Workshop on Problem Solving in Mathematics
H V Dedania	Uniqueness and Spectral Properties in Beurling Algebras	16-18 January 2017	Department of Mathematics, Sardar Patel University	National Seminar on Functional Analysis and Harmonic Analysis
H V Dedania	Problem Solving in Mathematics	January 2017	Department of Mathematics, Sardar	Workshop on Problem Solving in Mathematics

			Patel University	
H V Dedania	Functions of Several Real Variables	14–16 June 2016	Department of Mathematics, The M. S. University, Baroda	Refresher Course
D J Karia	Problem Solving in Mathematics	January 2017	Department of Mathematics, Sardar Patel University	Workshop on Problem Solving in Mathematics
H S Mehta	$n$ – Self adjoint Operators	16-18 January 2017	Department of Mathematics, Sardar Patel University	National Seminar on Functional Analysis and Harmonic Analysis
H S Mehta	Cartesian Product of Graphs and its generalizations	9–11 February 2017	Saurashtra University, Rajkot	National Conference on Algebra, Analysis and Graph Theory
H S Mehta	Problem Solving in Mathematics	January 2017	Department of Mathematics, Sardar Patel University	Workshop on Problem Solving in Mathematics
P A Dabhi	Problem Solving in Mathematics	May 2016	Sardar Patel University	UGC-sponsored NET Coaching Centre for SC/ST students
P A Dabhi	Problem Solving in Mathematics	June 2016	Crash Course at ARIBAS, New Vallabh Vidyanagar	A CSIR – NET Crash Course
P A Dabhi	Problem Solving in Mathematics	November 2016	ARIBAS, New Vallabh Vidyanagar	A CSIR – NET Crash Course
P A Dabhi	Problem Solving in Mathematics	January 2017	Department of Mathematics, Sardar Patel University	Workshop on Problem Solving in Mathematics
S J Ghevariya	Fundamentals of Differential Equations	May 30 to Jun 3, 2016	Department of Government Engineering College, Gandhinagar.	STTP on “Mathematical Tools and Techniques for Engineering Research” organized by General Department of Government Engineering College, Gandhinagar.
S J Ghevariya	Problem Solving in Mathematics	January 2017	Department of Mathematics, Sardar Patel University	Workshop on Problem Solving in Mathematics
J G Mehta	Cryptography: A quick introduction	25th December, 2016	Ganpat University, Mehsana	Gujarat Ganit Mandal 53rd Annual Conference

J G Mehta	Set of uniqueness of shifted Gaussian primes	16th January, 2017	Department of Mathematics, Sardar Patel University	National Seminar on Functional Analysis and Harmonic Analysis
J G Mehta	Problems in Number Theory	January 2017	Department of Mathematics, Sardar Patel University	Workshop on Problem Solving in Mathematics

#### DEPARTMENT OF PHYSICS

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Prof. P.C.Vinodkumar	Status of exotic Hadrons	24 <sup>th</sup> march 2017	University of Calicut	National Seminar on Theoretical Physics 24-25 March 2017
Prof. M.P.Deshpande	“X-ray diffraction”	21/05/2016	Conference Hall, SICART, Vallabh Vidyanagar.	Two day Workshop on “WD-SRF & XRD
Prof. M.P.Deshpande	“ Nanoscience and its applications”	12/11/2016	Department of Physics, Gujarat university, Ahmedabad	Refresher course in Nanotechnology ,UGC- Human Resource development Centre, School of Sciences, Ahmedabad
Prof. M.P.Deshpande	“ Nanotechnology”	10/08/2016	V.P. & R.P.T.P. Science college, Vallabh Vidyanagar.	Second and Third year B.Sc.(Physics) students

#### DEPARTMENT OF BUSINESS STUDIES

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
1. Dr. S. K. Bhatt	“Impact of Demonetization on various sectors of Indian Economy”	02/03/2017		Ashvinbhai Patel Commerce College, KSV University, Gandhinagar.
2. Dr. Y. M. Dalwadi	1.NET Paper I, II and III (Commerce)	2,3,5,11,18,19,21,24/5/2016		UGC Sponsored NET Coaching Center for SC/ST students, Sardar Patel University, Vallabh Vidyanagar.
	2.“Human Resource	1/9/2016		Shri. D. N. Institute of P G Studies in Commerce,



	Management: An Overview”			Anand.
	3. “Business Reorganization”	1/9/2016:		Anand Institute of Business Studies, Anand.
	4.: “Goal Setting and Time Management”	9/9/2016		V P & RPTP Science Collage, Vallabh Vidyanagar.
	5.“Vocational Course and Practical Experience” at	15/9/2016		BJVM Collage, Vallabh Vidyanagar.
	6. (Seventeen Sessions} on “NET Paper I, II and III (Commerce)”	18,21,24,28,29/11/2016:		UGC Sponsored NET Coaching Center for SC/ST students, Sardar Patel University, Vallabh Vidyanagar
	7.: “Success”	17/12/2016		St Stiffen Collage of Management and Technology, Anand at Vishrampura Village
	8. Delivered lecture on “Team Building”	25/12/2016:		NSS Camp of C P Patel & F H Shah Commerce Collage, Anand.
	9. Delivered lecture on “Accounting Price Level Change” at.	31/9/2016:		BJVM Collage, Vallabh Vidyanagar
	10. “Case Studies, Decision Making, Project, Research Methodology (Total 18 hours)”	Dec- 2016 – Jan 2017:		ANAND WIRC ICAI
	11. “How to face Interview”	11. 02/2/2017		Electrical Engineering Department of B & B Institute of Technology, Vallabh Vidyanagar.
	12. “Research Methodology”	25/12/2016		C P Patel & F H Shah Commerce Collage, Anand.
3. Dr. Kamini Shah	1.Delivered lecture on “Construction Finance – Finance & Working Capital Management”	Dec- 2016		BVM Engineering College, Vallabh Vidyanagar.
	2. Delivered lecture on “Interview Skills and	11/02/2017		Nalini & Arvind Arts College, Vallabh Vidyanagar.

	Mock Interview”			
4. Ms. D. S. Rohit	Delivered lecture on “Multinational Corporations”	16/12/2016		C P Patel & F H Shah Commerce Collage, Anand.
5. Dr. S. P. Machhar	1.Delivered lecture on “NET Paper I, II and III (Commerce)”	16,23,26/11/2016		NET Coaching Center for SC/ST students, Sardar Patel University, Vallabh Vidyanagar.
	2. Delivered lecture on “MS-Excel & Pivot Table”	18/12/2016		C P Patel & F H Shah Commerce Collage, Anand.

#### DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Dr.R.M. Rathod	Strategic Brand Management	17 <sup>th</sup> March 2017	Parul Institute of Management and Research, Vadodara	Guest Lecture series
	Online Marketing	21 January 2017	Shri D.N. Institute of P.G. Studies in Commerce	Guest Lecture series
	Leadership and Entrepreneurship	18 February 2017	BJVM College, Vallabh Vidyanagar	Career Counselling
	Working in Team	17 December 2016	St. Stephen Institute of Business Management and Technology	NSS Camp
	Marketing of Services	2 January 2017	Shri D.N. Institute of P.G. Studies in Commerce	Guest Lecture series
	Leadership	24/12/2016	C.P. Patel and F H Shah Commerce College	NSS Camp
	Business Organization for Industrial Chemistry Students	5 August 2016	V.P. Patel and R.P.T.P Science College, Vallabh Vidyanagar	Guest Lecture series
	Importance of Creativity and Innovation in Management	8 September 2016	Junior Chamber International- Anand, Sardar Patel Education	JCI Civic awareness week

	Marketing Management	29 November 2016	UGC Sponsored NET Coaching Center for SC/ST, Sardar Patel University	NET Coaching Workshop
Dr. K.S. Prasad	Guest speaker at Plenary Session at Gurukul college-	22/July/2017	Gurukul College of Commerce Mumbai	
	Aspects of Global Industrial Relations with respect of MNC's	One Day (4/Mar/2017)	G.H.Patel P.G. Institute of Business Management, S.P.University, VallabhVidyanagar	
	Expert Lecture on Strategic Management	13/Feb/17	Anand Institute of Social Works, SRKSM, Anand	
	Human Development : Issues and Challenges in Odisha with special reference to Ganjam District	One Day (21/Jan/2017)	G.H.Patel P.G. Institute of Business Management & P.G. Dept of Economics, S.P.University, VallabhVidyanagar	
	Resource Person for Guest Lecture	24/Dec/2016	BJVM-CVM, VallabhVidyanagar,	
	A Study of Employee Training and its effectiveness at few Pharmaceutical / chemical Industries in the state of Andhra Pradesh	One Day (19/Nov/2016)	Academic Science,Conferenceinfo, New Delhi,	
	Guest Lecture	03/Sept/2016	DDU – Nadiad	
	Guest Lecture	23/July/16	BJVM College, CVM, VallabhVidyanagar	
	Invited as an Expert Speaker on Human Resource Management in Dairy Sector	17/03/2016	SMC College of Dairy Science, Anand Agricultural University, Anand	
	Chairperson for National	21/Apr/2016	J. WatumalSadhubella	

	Seminar		College, Ulhasnagar, Mumbai	
	Expert speaker , People Management and Team Building, Strategic Institute Leadership	16/May/2016	B V M Engineering College, VallabhVidyanagar	
Dr. K.S.Prasad	Expert speaker , People Management and Team Building, Strategic Institute Leadership	17/May/2016	B V M Engineering College, VallabhVidyanagar	
Dr. Hitesh Parmar	One week STTP on “ Statistical Analysis for scientific and Technical Research and Applications	10-03-2017	V.V Nagar	
	Research Methodology – Case Study Research	15 <sup>th</sup> March,2017	Vadodara	
	Training workshop on statistics with R and its applications to Ecology with special reference to wetland ecosystem.	17 & 18 March,2017	Gandhinagar	

#### DEPARTMENT OF ECONOMIC

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Dr. Kinjal Ahir	Research Methodology and Education for M.Phil and MA students	8/9.1.2017	Department of Economics, M.K. Bhavnagar University	MKBU Expert lecture series
	Review of Literature and Economics of Education for M.Phil students	21/22.3.2017	Department of Economics, M.K. Bhavnagar University	MKBU Expert lecture series
	World Population Day	11.7.2016	N.H. Patel College of Education, Anand	NI

	World Population Day	11.7.2016	N.S. Patel Arts College, Anand	NI
	Faculty Development Program	4/5/6.11.2016	Tolani Foundation Gandhidham Polytech, Adipur	Indian Society for Technical Education sponsored
Dr. Sonal Bhatt	Three Sessions: 1.Environmental Economics: An Overview 2.Health Economics-I 3.Health Economics –II	June 1, 2017 and June 9, 2017 respectively	by UGC-HRDC, Sardar Patel University	42 <sup>nd</sup> Refresher Course in Economics
	“Decentralized Solar Power Generation and Usage in Agriculture: A study of Dhundi Solar Irrigation Cooperative in Gujarat, Western India”	December 7, 2016	Agro Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar	Faculty Seminar Series
	“Water Resources and Human Development: A Study of Selected Tribal Districts in Gujarat”	January 21, 2017	G.H .Patel Post Graduate Institute of Business Management and Post Graduate Department of Economics, Sardar Patel University, Vallabh Vidyanagar	National Seminar on “Human Development: Issues and Challenges in India” organised by
	“ Economics of Solar Power Generation and usage at the Farm-Level: A Study of Dhundi Solar Irrigation Cooperative in Gujarat, India”	23-24 February, 2017	Faculty of Economics, South Asian University, New Delhi	Third International Conference on South Asian Economic Development
Dr. J. K. Barot	NET - SET Coaching Classes at Department of Economics, M K Bhavnagar University	1-2 March, 2017	Department of Economics, M.K. Bhavnagar University, Bhavnagar	MKBU NET-SET Coaching Lectures
	Structural Analysis of SSIs	06/06/2017	UGC – Human Resource Development Centre, Sardar Patel University, Vallabh Vidyanagar	42 <sup>nd</sup> Refresher course in Economics (29/5/2017 to 18/06/2017)
	Monopolistic Competition	16-02-17	C.B. Patel Arts College, Nadiad	
	Two sessions on Quantitative techniques in Economics	28-29/08/2017	C. B. Patel Arts College Nadiad	
Dr. Vijay S. Jariwala	NET - SET Coaching Classes at Department of Economics, M K Bhavnagar University	1-2 March, 2017	Department of Economics, M.K. Bhavnagar University, Bhavnagar	MKBU NET-SET Coaching Lectures
	Three Sessions	05/06/2017 &	42 <sup>nd</sup> Refresher course in	42 <sup>nd</sup> Refresher Course in

	(i) Demand for Money in India- An Econometric Analysis (ii) Monetary Demand in India – Further Exploration Major Issues and Challenges to Rural Development in India at during.	09/06/2017	Economics (29/5/2017 to 18/06/2017) organized by UGC – Human Resource Development Centre, Sardar Patel University, Vallabh Vidyanagar	Economics
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#### DEPARTMENT OF HISTORY

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Dr. J.M. Pandya	EFZTLI ZFQ8=JFNGI TZFCM	22/9/2016	Anand	Jashkamal Lecture
	;ZNFZGF ;\DZ6M	28/9/2016	Karamsad	Sardar Patel Lecture
	.ITCF;DF\IJQFI 5;\NUL	19/2/2017	Vyara	South Gujarat Itihas Parishad
	ZFQ8=JFNGI E\JIDSF EFZTLI	7/3/2017	Anand	PG Center, Anand
Dr. D.C. Chaudhari	UFWLHLGL ZRGFtDS 5\ST VG[\;YFVM	16/02/2017	Nalini-Arvind & T.V. Patel Arts College, VVNagar	

#### DEPARTMENT OF PSYCHOLOGY

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Prof.S.M. Makvana	Experimental base of Psychological	03/02/2017	N.M.Mahila college-Bhavnagar	Workshop of the college
	Psychology in applied behaviour	03/02/2017	N.M.Mahila college- Bhavnagar	Workshop of the college
	Problems of Adolescents	30/12/2016	V.M.Sakariya Mahila college Botad	College heads

#### DEPARTMENT OF SOCIOLOGY

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
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Prof.Ramesh Makwana	Dowry and Evaluation of SC/ST development Program	August 21, 22,2015	Bhavnagar	Expert lecture at Nandkuvarba Mahila College, Bhavnagar
	Contribution in Politics by Dr. B.R. Ambedkar	April 14, 2016	Ahemdabad,	Dr. Babasaheb Ambedkar Open University, Ahemdabad,
	Gender, Education and Child Labor : A Sociological Perspective	22/04/2016	H.B.Jasani Arts Collage, Rajkot	Seminar organized by H.B.Jasani Arts Collage, Rajkot
	Dr. B.R.Ambedkar and his Contribution to Nation Building	13/04/2016	Sardar Patel University of Police, Jodhpur	National Seminar Organized by Sardar Patel University of Police, Jodhpur
Dr.Jayprakash M.Trivedi	Key note Address In National seminar on Problems and Issues of Indian Society organized	28/12/2016	Arts Collage SatalasanDistMehsana	Key note Address

#### DEPARTMENT OF ENGLISH

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
P B Raval	Derrida and the Role of the Public Intellectual	10 Feb., 2017	St. Berchman's College, Changanacherry, Kerala	Resource Person in National Seminar

#### DEPARTMENT OF GUJARATI

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Param Pathak	Clinth Brooks and Stiphan Greenblat	16-03-2017	Anand Arts College, Anand.	Guest Lec.
	Chhella Tran Dayaka ni Sahitya Vivechan Pravutti ek tapas	25-02-2017	MSU, Baroda.	Gujarati no Adhyapak Sangh
	Arvachin Gujarati Kavita ma	12-09-2016	Anand Arts College, Anand.	Guest Lec.

Dr. Pinakini Pandya	manav darshan			
	Bhasha Kaoshal	09-09-2016	Dept. of Chemistry, SPU, VV.N	Guest Lec.
	Vivechan no Adhyarupiya Abhigam	26-02-2017	MSU, Baroda.	Gujarati no Adhyapak Sangh
	Rajendra Shah	23-01-2017	D.N. Arts College, Dabhoi	National Seminar, Guj. Sahitya Academy.
	Saptadi- Umashankar Joshi	21-02-2017	Anand Arts College, Anand.	National Seminar, Guj. Sahitya Academy.

#### DEPARTMENT OF HINDI

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Dr. Dayashankar Tripathi	Premchand-Smaran	30/07/2016	P.G. Dept. Hindi, Bhikhabhai Patel Arts College, Anand	College Lecture Scheme
	Premchand Aur Unaka Sahitya	1/08/2016	Dept. of Hindi, H.K. Arts College, Ahmedabad	College Lecture Scheme
	Shri Ji Ki Barat (Vidya Nivas Mishra) Telelivecast Lecture	13/12/2017	Gandhinagar	Guj-Hi Adu SchemeBISAG-Sandhan
	Telelivecast Lecture Om Prakash Valmiki Ki Kahani	9/03/2017	Gandhinagar	Guj-Hi Adu Scheme-BISAG Sandhan
	'Salam' Muktibodh Ki Kavitaen	10/04/2017	Gandhinagar	Guj-Hi Adu Scheme-BISAG Sandhan
Dr. Madanmohan Sharma	Natak Ki Avashyaktayen	29/08/2016	Anand Law College, Anand	Institutional
	Prayojanmulak Hindi	27-28/02/2017	Bhavnagar University, Bhavnagar	UGC Outreach Workshop
Dr. Seemaben Rathod	Rashtra Bhasha Hindi	14/09/2017	Shri-Shri Ravishankar School, Anand	Hindi Divas
	Hindi Aur Rojgar	23/09/2017	Anandalaya School, Anand	Ramdharsinh Dinkar Janmjayanti

#### DEPARTMENT OF SANSKRIT

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
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Prof. Dr. Niranjana Patel	Sanskrit natakono Hindi nataka upar prabhav	10/03/2016	Balasinor	UGC, National Seminar
	Mahabharatma Yuga Bodha	19/03/2016	Chikhli	UGC, National Seminar
	Sanjaprakaranam	30/07/2017	Anand	Lecture Series organized by Anand Arts College
	Mahakavi Bhasa: Patra Charitran	27/08/2016	Surat	Lecture Series organized by Dharukavala Arts college
	Vadic Ashvinau Devta	04-06/09/2016	Mahuva	Asmitaparva, Sanskrit satra organized Kailesh Gurukul
	Mahabharat ma Yugabodh	22/09/2016	Anand	Jashkalmal Vyakhyanmala, organized by Shri J. M. Patel Arts College
	Vedant me Jivan Darshan	20/12/2016	Valia	Lecture Series organized by Arts College Valia
	Samaschakra	24/01/2017	Kapadvanj	Lecture Series organized by Arts & Commerce college, Kapadvanj
	Kalidas ma Saundarya Bodha	03/02/2017	Nadiad	Lecture Series organized by Arts College Valia
	Upanishad me Atmatattva	14/02/2017	Satlasana	Sahitya Academi Gandhianar National Seminar, organized by Arts College
	Rasa theory of Jagganath	18/02/2017	Ahmedabad	KCG

#### MBPATEL COLLEGE OF EDUCATION

Name of the Teacher	Topic	Date(s)	Place	Name of the Scheme under which the lecture was arranged
Dr. A. B. Patel	ક્રિયાત્મકસંશોધન	19 to 21 January 2017 (Anand Dis.)	M.B.P.C.E., S.P. Uni. V. V. Nagar	G.C.E.R.T., Gandhinagar & M.B.P.C.E., S.P.Uni. V. V. Nagar
	ક્રિયાત્મકસંશોધન	06 to 08 February 2017 (Kheda Dis.)	M.B.P.C.E., S.P. Uni. V. V. Nagar	G.C.E.R.T., Gandhinagar & M.B.P.C.E., S.P.Uni. V. V. Nagar
	ક્રિયાત્મકસંશોધન	09 to 11 February 2017 (Panchmahal District)	M.B.P.C.E., S.P. Uni. V. V. Nagar	G.C.E.R.T., Gandhinagar & M.B.P.C.E., S.P.Uni. V. V. Nagar

	તજજ્ઞ તરીકે કાર્ય કર્યું.	21/04/2017 (One Day)	M.B.P.C.E., S.P. Uni. V. V. Nagar	પૂજ્યશ્રી મોટા શિક્ષણ ચિંતન વિસ્તરણપીઠ, સ. પ. યુનિવર્સિટી, વ. વિ. નગર.
Dr. A. J. Macwan	Lecture on Content Analysis and Formation of Comprehension Questions	12-09-2016	N. H. Patel College of Education, Anand	Faculty Exchange Programme
	Understanding Steps on Action Research	21-01-2017	GCERT and M. B. Patel College of Education, V. V. Nagar	GCERT funded in Service Teachers Training Programme
	Basic Information and Analysis of Problems in Action Research	11-02-2017	GCERT and M. B. Patel College of Education, V. V. Nagar	GCERT funded in Service Teachers Training Programme
	Achievement Motivation and Identification of Motivated Students	25-02-2017	Smt. P. P. Patel Kanya Vidhyalay, Petlad	School Lecture Series.
Dr. J. K. Dave	Framming Hypothesis on Action Research	21-01-2017	GCERT and M. B. Patel College of Education, V. V. Nagar	GCERT funded in Service Teachers Training Programme
	Framming Hypothesis on Action Research	11-02-2017	GCERT and M. B. Patel College of Education, V. V. Nagar	GCERT funded in Service Teachers Training Programme
Dr. D. A. Mahida	Deriving Findings and making conclusions in Action Research	21-01-2017	GCERT AND M. B. Patel College of Education, V. V. Nagar	GCERT funded in service Teachers Training Programme
	Deriving Findings and making conclusions in Action Research	11-02-2017	GCERT AND M. B. Patel College of Education, V. V. Nagar	GCERT funded in service Teachers Training Programme
Dr. R. N. Vohra	Adjustment	10-4-2016	Petlad	Dr. Babasaheb Aabedkar Open University

	Guidance And Counseling	17-4-2016	Petlad	Dr. Babasaheb Aabedkar Open University
	Social and Emotional Problems	1-5-2016	Petlad	Dr. Babasaheb Aabedkar Open University
	Parents Teacher	24-5-2016	Petlad	Dr. Babasaheb Aabedkar Open University
	Associations Test	26-5-2016	Petlad	Dr. Babasaheb Aabedkar Open University
	Achievement Test	26-5-2016	Petlad	Dr. Babasaheb Aabedkar Open University
	Remedial Test	29-5-2016	Petlad	Dr. Babasaheb Aabedkar Open University
	Taring For Teacher	30-5-2016	Petlad	Dr. Babasaheb Aabedkar Open University
	Finding of Action Reacher	21-1-2017	V. V. Nagar	CTE (GCERT )
	Finding of Action Reacher	8-2-2017	V. V. Nagar	CTE (GCERT)
	Finding of Action Reacher	21-1-2017	V. V. Nagar	CTE (GCERT)
	Valuation of Goodwill	9-2-217	Anand	C.P.Patel&F.H.Shah Commerce Collage
	Principal of HRM	11-2-2017	Anand	C.P.Patel&F.H.Shah Commerce Collage
	Macro Economics	10-2-2017	Anand	C.P.Patel&F.H.Shah Commerce Collage
	Parents Teacher	21-4-2017	V. V. Nagar	Pujya Shri Mota ChintanVistranpirth
	Loge Bool	21-4-2017	V. V. Nagar	Pujya Shri Mota ChintanVistranpirth

**(II) Conferences/Seminars Participation**

Sr No.	Department	International	National	Others	Total
1	Biosciences	01	09	06	16

Sr No.	Department	International	National	Others	Total
2	Chemistry	13	05	02	20
3	Computer Science	07	06	03	16
4	Electronics	02	06	01	9
5	Materials Science	00	03	05	7
6	Mathematics	02	11	00	13
7	Pharmaceutical Science	00	00	01	01
8	Home Science	13	15	04	32
9	CISST	01	02	05	08
10	Physics	02	01	03	06
11	Business Studies	01	18	00	19
12	Business Administration (MBA)	02	07	06	15
13	Economics	05	03	07	15
14	Library & Information Science	00	00	03	03
15	History	00	01	04	05
16	Political Science	03	01	15	19
17	Psychology	00	02	03	05
18	Sociology	00	04	04	03
19	M B Patel College of Education	01	02	00	02
20	Gujarati	00	04	02	06
21	Hindi	03	05	08	16
22	English	02	03	00	05
23	Sanskrit	00	00	05	05

#### DEPARTMENT OF BIOSCIENCES

Name of the Teachers	Theme of the Seminar/Conference/Workshop /Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/Chair person/presentation of Paper/Poster/Participant etc.)	Title of the Paper/Poster
Prof. Datta	Participated and Chaired a	National	Nagpur	Oct. 8-10,	Chair Person	

Madamwar	Session at International Conference “Emerging Trends in Biotechnology and Waste Conversion” XIV BRSI Convention	Environmental Engineering Research Institute,		2017		
	Delivered a Lead Talk in 58 <sup>th</sup> National Conference and International Symposium of AMI “Microbes for Sustainable Development Scope and Applications	Babasaheb Bhimrao Ambedkar University	Lucknow	Nov. 16-19, 2017	Chaired the Session and Delivered a Lead Lecture	Characterization and therapeutic applications of phycobiliproteins from cyanobacteria
	Delivered an Invited Talk at International Symposium on “Emerging Biological Trends in 21 <sup>st</sup> Century”	P. P. Savani University,	Surat	Nov. 5, 2017	Delivered an Invited Talk	Microbial response to industrial pollution: Community analysis and functional capabilities.
	Delivered an Invited Talk and Chaired a Session at International Conference 7 <sup>th</sup> International Forum on Industrial Bioprocesses	Jiangnan University	Wuxi, China	May 21-24, 2017	Chaired A Session & Delivered an Invited Talk	Understanding the light harvesting function of phycobiliproteins by X-ray  Crystallography and therapeutic applications.
	Next Gen genomics Biology,	SGRF	Cochin, Kerala	October 3 -	Presented Poster	Isolation and

PI: Dr. J. S. S. Mohan	Bioinformatics and Technology	conferences		5, 2016		identification of disease causing fungi from banana field.
	International conference on Current Trends in Biotechnology	BRSI and VIT	Vellore, Tamilnadu	December 8-10, 2016	Presented Poster	Effect of strobilurin fungicide on growth and yield of banana
	Current trends in Biological Sciences	P. G. Department of Biosciences and GSBTM	Vallabh Vidyanagar	January 19-20, 2017	Presented Poster	Best poster award on "Evaluation of antimicrobial activity and phytochemical analysis of <i>Diospyros kaki</i> L. and <i>Holarrhena antidysenterica</i> (L.) Wall ex. G. Don
					Oral Presentation	Effect of foliar application of pyraclostrobin on shelf life and keeping quality of banana
Dr. Amita Shah	Second UGC national conference on current trends in biological sciences	P.G. Dept. Of Biosciences	V.V. Nagar	Jan 20-21, 2017	Member of organizing committee Poster presentation	Production of ethanol.....
	Brain storming cum workshop on: Development of next generation cost effective technologies for waste water reuse and restoring the polluted sites	P.G. Dept. Of Biosciences	V.V. Nagar	Oct. 03, 2016	Participant	-

Dr. Haresh Keharia	National symposium on Omics to Structural Basis of Diseases	M. S. Univeristy of Baroda	Baroda	30/9/2016-1/10/2016	Participant	NA
	2nd UGC Conference on Current Trends in Biological Sciences (CTBS-2017)	Department of Biosciences, SPU	Vallabh Vidyanagar	20-21 Jan 2017	Member of Organizing team	NA
Dr. T.V.Raman Rao	National Conference of Plant Physiology 2016	Indian Society for Plant Physiology	Dept. of Crop Physiology, University of Agricultural Sciences, Bengaluru	December 8 – 10, 2016	Presentation of Paper (oral)	
	2 <sup>nd</sup> National Conference on Current Trends in Biological Sciences (CTBS) – 2017.	Organized by Department of Biosciences, Sardar Patel University and Gujarat State Biotechnology Mission, Gandhinagar	Department of Biosciences, Sardar Patel University	January 20 – 21, 2017	Participant	
	National Conference on “Biodiversity and Bioresource Utilization” during 9 – 10 March, 2017.	Organized by Department of Biosciences, Saurashtra University, Rajkot	Saurashtra University, Rajkot	09-03-2017	Resource person	
	13 <sup>th</sup> AGRESO	Crop Improvement Sub Committee of Anand Agricultural University	Anand Agricultural University, Anand	14 <sup>th</sup> and 15 <sup>th</sup> March 2017	Participated as an Invited Expert and Chaired one of the Technical Programs.	
	2 <sup>nd</sup> Andhra Pradesh Science Congress	Andhra Pradesh Akademi of Sciences (APAS)	Siddhartha College, Vijayawada,	7 – 9 November,	Participant	

			AP	2016		
Dr.Vasudev Thakkar	1.Plant-microbe interactions in plant health, disease and biocontrol	Department of Microbiology and Biotechnology Centre, M.S. University of Baroda	Vadodara	4 <sup>th</sup> October 2017	Participant	--
	1.'Plant and Microbial Biotechnology'	Department of Microbiology and Biotechnology Centre, M.S. University of Baroda	Vadodara	16 <sup>th</sup> December 2017	Participant	--
Dr.M.Natraj	UGC national seminar on Current Trends in Biological Sciences	Post graduate department of Biosciences, UGC center for advanced studies in Bioresource technology	Vallabh Vidyanagar	20-21 January, 2017	Participant	---

#### DEPARTMENT OF CHEMISTRY

Name of Faculty	Theme of the Seminar/Conference /Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/Poster/ Participant etc.)	Title of the Paper/Poster
Dr. M. N. Patel	"Emerging Dimensions in Chemical Science Research (IEDCSR-2016)"	Department of Chemistry	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar	20 <sup>th</sup> February 2016	organizer	



	“Current Scenario: Opportunities And Challenges In Chemical Science Research (Coccs-2017)”	Department of Chemistry	Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar	15 <sup>th</sup> March 2016	organizer	
Dr. S. S. Soni	International Conference on Hybrid and Organic Photovoltaics – HOPV 2016	University of Swansea	Swansea, UK	28 <sup>th</sup> June – 1 <sup>st</sup> July 2016	Poster Presentation	Porous Titania for Metal ion Removal and Pb <sup>2+</sup> @TiO <sub>2</sub> as Photoanode in Efficient Dye Sensitized Solar Cell
	International Conference on Sustainable Energy Technologies for Smart & Clean Cities (SETS & CC – 2016)	IIT	Tirupati	27 <sup>th</sup> – 29 <sup>th</sup> July 2016	Paper presentation	New Nanostructured Ti-DMF Hybrid Organic-Inorganic Gels for Solar Cell Applications
	Fourth International Conference on Nanostructured Materials and nanocomposite (ICNM 2017)	International and Inter University Centre for Nanoscience and Nanotechnology (IIUCNN)	Kottayam	10 <sup>th</sup> 12 <sup>th</sup> Feb. 2017	Invited Talk	Water based solid polymer matrix electrolytes for High Voltage Aqueous Rechargeable Zn-Ion batteries
Dr. P. N. Dave	2 <sup>nd</sup> International conference on “Scientific Validation of Traditional Knowledge-II (SVTK-II) 2017	IPR Chair, Department of Management Studies, Indian Institute of Technology, Roorkee	Roorkee	24-25 <sup>th</sup> February, 2017	Oral presentation of Paper	Extraction and Qualitative Analysis of fixed Oil from Medicinal Seeds & Fruits (Emetic Nut, Dehil, Bh

						oringali and Jungali Aambli using Gas-Chromatography-Mass spectrometer
	2 <sup>nd</sup> International conference on “Scientific Validation of Traditional Knowledge-II (SVTK-II) 2017	IPR Chair, Department of Management Studies, Indian Institute of Technology, Roorkee	Roorkee	24-25 <sup>th</sup> February, 2017	Oral presentation of Paper	Synthesis of polyacrylonitrile-macroinitiator using ATRP Technique
	National Conference on “Recent Advances and future Trends in Chemical Technology-2017”	Department of chemical Engineering, Institute of Technology, Nirma University, Ahmedabad	Ahmedabad	17 <sup>th</sup> September, 2017	Oral presentation of Paper	Nanometal oxide as Potential Catalysts for Thermal Decomposition of Ammonium Nitrate
	National Conference on “Recent Advances and future Trends in Chemical Technology-2017”	Department of chemical Engineering, Institute of Technology, Nirma University, Ahmedabad	Ahmedabad	17 <sup>th</sup> September, 2017	Oral presentation of Paper	Synthesis & Rheological Characterization of the Natural Gum Polysaccharides and Acrylic acid based hydrogels
Dr. J. H. Trivedi	2 <sup>nd</sup> International Conference on Innovative Trends in Engineering, Science and Management (ICITESM-16)	Conference Info. In association with Academic Science, Delhi	YMCA, New Delhi	19 <sup>th</sup> Nov., 2016	Paper presented	Grafting of Methyl Methacrylate onto Sodium salt of Partially Carboxymethylated Sodium

						Alginate initiated by Tetravalent Cerium Ion
	2 <sup>nd</sup> International Conference on Recent Innovations in Science, Technology, Management and Environment	International Research Publication in association with Conference world, New Delhi	Indian Federation of United Nations Associations, New Delhi	20 <sup>th</sup> Nov., 2016	Paper presented	Grafting of Methyl acrylate onto Sodium salt of Partially Carboxymethylated Sodium Alginate initiated by Tetravalent Cerium Ion
	6 <sup>th</sup> International Conference on "Science, Technology and Management"	A R Research Publication in association with Conference World, New Delhi	India International Centre, New Delhi	4 <sup>th</sup> December, 2016	Paper presented	Ceric Induced Grafting of Butyl Acrylate onto Sodium salt of Partially Carboxymethylated Sodium Alginate
	4 <sup>th</sup> International Conference on Recent Developments in Engineering, Science, Management and Humanities (ICRESMH – 2017)	Conference Info and Academic Science, New Delhi	India International Centre, New Delhi	8 <sup>th</sup> January, 2017	Paper presented	Kinetics and Reaction Mechanism of Ceric-Initiated Graft Copolymerization of Ethyl Acrylate onto Sodium salt of Partially Carboxymethylated Sodium Alginate
	International Conference on	Govt. Eng. College, Bikaner (Raj.) in	Govt. Engg. College, Bikaner	12 <sup>th</sup> -13 <sup>th</sup> January, 2017	Paper presented	Adsorption of Pb(II) from metal

	Recent Trends in Chemical Sciences (ICRCS – 2017)	association with Indian Chemical Society	(Raj.)			solution by ceric-induced graft copolymerization of acrylonitrile onto Sodium salt of Partially Carboxymethylated Sodium Alginate
	National Conference on Recent Trends in Material Science and Technology (RTMST- 2017)	Dept. of Physics, Smt. P.K. Kotecha Mahila Mahavidyalaya , Bhusawal, Maharashtra	Dept. of Physics, Smt. P.K. Kotecha Mahila Mahavidyalaya , Bhusawal, Maharashtra	4 <sup>th</sup> Feb., 2017	Paper presented	Synthesis, Characterization and Pb(II) sorption studies of graft copolymers of sodium salt of partially carboxymethyl-Lated Sodium Alginate with Methyl Acrylate
	Fourth International Conference on Nanostructured Materials and Nano composites (ICNM-2017)	International and Inter University Centre for Nano science and Nanotechnology (IIUCNN) ,M. G. University, Kottayam. Kerala & Wuhan University, Hubei, China & Beijing University of Chemical Technology, Beijing, China & Wroclaw University of	M. G. Univ., Kottayam	10 <sup>th</sup> -12 <sup>th</sup> Feb.2017	Paper presented	Synthesis, Characterization of Sodium salt Partially Carboxymethylated Sodium Alginate grafted Poly(ethyl acrylate)

		Technology, Wroclaw, Poland				
	9th International Conference on Innovative Research in Engineering, Science and Management (ICIRESM-17)	Conference Info in Association with Academic Science, New Delhi	YMCA, New Delhi	5 <sup>th</sup> March, 2017	Paper presented	Grafting of Methyl Acrylate onto Sodium salt of Partially Carboxymethylated Sodium Alginate using using Potassium Persulphate (KPS) Ascorbic Acid (AA) as redox initiator
Dr. N. P. Chikhaliya	International Conclave on Higher Education,	Mahatma Mandir,	Gandhinagar	18/10/2016	Participant	-
	11 <sup>th</sup> National Conference of the Indian Thermodynamics Society,	University of Jammu,	Jammu	2/12/2016 to 3/12/2016	Presentation	“Specific Refractive Index Increment, Intrinsic viscosity and MW Relationship for Dilute Terpolymer .
	UGC sponsored National Seminar on: Current Scenario: Opportunity and Challenges in Chemical Science Research (COCCS-2017),	Dept. of Chemistry, SPU,	VVNagar	15/3/2017	Treasurer	

**CENTRE FOR INTERDISCIPLINARY STUDIES IN SCIENCE AND TECHNOLOGY (CISST)**

Name of the Teachers	Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/Chair person/ presentation of Paper/Poster /Participant etc.)	Title of the Paper/Poster
Dr Anju P. Kunjadiya	37 <sup>th</sup> Orientation Course	UGC HRDC-S.P.University	V V Nagar	08/05/17 to 04/06/2017	Participant	----
	International Faculty Development Program (IFDP)	GTEP HRDC S.P.University	V V Nagar	03/08/2017 To 04/08/2017	Participant	----
Dr. Rakesh V. Patel	UGC Sponsored National Workshop on Characterization Techniques for Materials (NWCTM-2017)	Dep. of Materials Science, Sardar Patel University	Vallabh Vidyanagar	06th - 07th March, 2017	Participant	----
	36 <sup>th</sup> Orientation Programme	UGC-HRDC, SPU	Vallabh Vidyanagar	8 <sup>th</sup> May 2017 to 4 <sup>th</sup> June 2017	Participant	----
	International Faculty Development Programme (IFDP)	GTEP, UK - RUSA-HRDC, SPU	Vallabh Vidyanagar	3 <sup>rd</sup> August 2017 to 4 <sup>th</sup> August 2017	Participant	----
Dr. Rupal A. Vasant	Exam Orientation Programme	SPU	Vallabh Vidyanagar	06/10/2016	Participant	----
	Nutraceuticals and Functional Foods: The challenges and Opportunities	Anand Agricultural University	Anand	06/12/2016-08/12/2016	Participant	----
	Current Trends in Biological Sciences	P.G. Department of Biosciences, Sardar Patel University	Vallabh Vidyanagar	20-01-2017- 21/01/2017	Participant	----
Dr. Kirtan P.	National Summit on Innovation &	DST and GSBTM	Gandhinaga	30 September 2016	Participan	

Dave	Technology (National Summit on Innovation & Technologies)		r			
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#### DEPARTMENT OF COMPUTER SCIENCE

Name of Teacher	Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/Chair person/presentation of Paper/ Poster/Participant etc.)	Title of the Paper/Poster
Prof. D. B. Choksi	UGC Sponsored National Seminar on “Adroitness in e-Content Development for Higher Education”	Shri R.K.Parikh Arts and Science College	Petlad	12-01-2017	Chairman of the Technical Session	
	One Day National Workshop on Preparation of a Research Proposal	C.P.Patel Commerce College	Anand	13-01-2017	Expert Talk	Planning & Structuring Research Proposals
	International Conference on “Advances in Computing, Communication and Informatics” – ICACCI’17.	Dept of Computer Science & Engineering, Faculty of Technology & Engineering, The M S U, Baroda	Vadodara	25-02-2017	Session Chair	

Prof. P.S. Sajja	State Level Paper Presentation Competition	Department of Computer Science, SPU and Computer Society of India , V V Nagar	Department of Computer Science, SPU, V V Nagar	18/02/2017	Coordinator	---
	Paper Presentation Competition	NVPAS, CVM	NVPAS, Vallabh Vidyanagar	10/01/2017	Judge	---
	Panel discussion on on “Data Mining and Big data - A Research Perspective	Sasurie College of Eng., Vijayamangalam, Anna University, Coimbatore.	Coimbatore	26th September, 2016	Resource Person (Panel Member)	Data Mining and Big data - A Research Perspective

	National conference on Recent Advances in Computer Science and Technology -2016	Department of Computer Engineering, GCET, CVM and CSI	Vidyanagar	4-5 October, 2016	Session chair as well as reviewer	--
	National conference on Recent Advances in Computer Science and Technology -2016,	Department of Computer Engineering, GCET, CVM and CSI	Vidyanagar	4-5 October, 2016	Co-Author	The design of new public key cryptographic Algorithm for data integrity and anomaly detection
	One Day National Level Workshop	C. P. PATEL & F. H. SHAH COMMERCE COLLEGE, ANAND (Managed by Sardar Patel Education Trust, Anand) and INTERNAL QUALITY ASSURANCE CELL (IQAC) In Association with LIONS CLUB ANAND.	Anand	13th January, 2017	Resource person	How to Write a Research Proposal?"
	2nd International Conference on ICT for Intelligent Systems	Associated Chambers of Commerce and Industry of India (ASSOCHAM) Gujarat Chapter, the G R Foundation, the ACM, Ahmedabad Chapter and supported by the Computer Society of India Division IV – Communication and Division V – Education and Research. Proceedings by Springer ISBN 978-3-319-63672-6	Ahmedabad,	25-26 March 2017,	Co-Author Jonita Roman, Dr. Devarshi Mehta and Dr. Priti Sajja,	“Multi-Agent simulation model for sequence generation for specially abled learners
	2nd International Conference on ICT for Intelligent Systems	Associated Chambers of Commerce and Industry of India (ASSOCHAM) Gujarat Chapter, the G R Foundation, the ACM, Ahmedabad Chapter and supported by the Computer Society of India Division IV – Communication and Division V – Education and Research.	Ahmedabad,	25-26 March 2017,	Co-Author Suchita Patel, Priti Srinivas Sajja and Dr. Samrat O Khanna.	“Enhancement of Security in AODV Routing Protocol using Node Trust Path Trust Secure AODV (NTPTSAODV)



		Proceedings by Springer ISBN 978-3-319-63672-6				for Mobile Adhoc Network (MANET)",
	2nd International Conference on ICT for Intelligent Systems	Associated Chambers of Commerce and Industry of India (ASSOCHAM) Gujarat Chapter, the G R Foundation, the ACM, Ahmedabad Chapter and supported by the Computer Society of India Division IV – Communication and Division V – Education and Research. Proceedings by Springer ISBN 978-3-319-63672-6	Ahmedabad,	25-26 March 2017,	Co-Author Nilay Vaidya and Priti Srinivas Sajja	Use of an Adaptive Agent in Virtual Collaborative Learning Environment
	2016 International Conference on ICT in Business Industry & Government (ICTBIG)	CSI Udaipur, IEEE and ACM in collaboration with Namibia University, Namibia Proceedings in IEEE Explorer ( <a href="http://ieeexplore.ieee.org/document/7892644/">http://ieeexplore.ieee.org/document/7892644/</a> )	Indore	18-19 November, 2016	Co-Author Nilay Vaidya and Priti Srinivas Sajja	Agent based system for collaborative learning environment in an educational habitat
	2016 International Conference on ICT in Business Industry & Government (ICTBIG)	CSI Udaipur, IEEE and ACM in collaboration with Namibia University, Namibia Proceedings in IEEE Explorer ( <a href="http://ieeexplore.ieee.org/document/7892672/">http://ieeexplore.ieee.org/document/7892672/</a> )	Indore	18-19 November, 2016	Co-Author Jonita Roman, Devarshi Mehta, and Priti S Sajja	Improving content sequencing of packaged content through feedback and priority
Dr. B. V. Patel	Doctoral Conference (DocCon-2016), a pre-event of ICTCS 2016	J.R.N. Rajasthan Vidyapeeth University.	Udaipur	3rd March 2016	Presented a Research Proposal	Comprehensive use of Social Network Analysis for Terrorist Network Mining
Dr. H. B. Pandit	1st International Conference On Smart Computing &	Department of CSE, ANITS	Visakhapatnam, Andhra Pradesh	3rd n 4th March 2017	Presented research paper	A novel Meta Crawling algorithm for

	Informatics (SCI)					Terrorist Network Knowledge Aggregation from Internet
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## DEPARTMENT OF ELECTRONICS

Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/Chair person/presentation of Paper/Poster/Participant etc.)	Title of the Paper/Poster
Dr. V. S. Vaishnav					
UGC Sponsored One day National Workshop on 'Electronic Devices and Their Characterization Techniques' (NWEDCT – 2017)	Department of Electronics, Sardar Patel University Vallabh Vidyanagar	Vallabh Vidyanagar	14 <sup>th</sup> March, 2017	Co-Coordinator, Member, Organizing Committee, Resource Person during a session of Visit to SICART	--
Science of Living	Sri Aurobindo Foundation for Integral Management (accredited by NFCG as a National Centre of Corporate Governance)	Puducherry	May 26 <sup>th</sup> to 28 <sup>th</sup> , 2016	Participant	--
International Symposium No.# 6239: on 'Integral Approach to Metacognition' at 'Cognitive Psychology Section Annual Conference 2016, BPS Conferences, Barcelona	The British Psychological Society	Barcelona	August 31 to September 2, 2016	Participant, Presented Two Papers	(i) "Quantum inspired Fuzzy Neuro approach: An application of Cognitive Science for

					better comprehension of Cognitive Psychology” and (ii) “Cognitive Psychology: An Integral Perspective”
Dr. Shahera S. Patel					
Inter Collegiate H M Patel Memorial Debate Competition	Department of Economics, S.P.University	V.V.Nagar	11-8-2016	Judge	-
8 <sup>th</sup> International Conference of Innovative Research in Engineering Science and Management (ICIRESM-16)	Conference Info & Academic Science	IETE, Delhi	18-12-2016	Presentation of Paper (Online)	Determination of mechanical depression using semiconductor strain gauge for industrial and engineering applications
National Conference on Recent Trends in Material Science and Technology (RTMST-2017)	Smt.P.K.Kotecha Mahila Mahavidyalaya,	Bhusawal	4-2-2017	Presentation of Paper & Participant	Ternary Compound Semiconductors: Prospectus and challenges for fabrication of devices
National Conference on Recent Trends in Material Science and Technology (RTMST-2017)	Smt.P.K.Kotecha Mahila Mahavidyalaya,	Bhusawal	4-2-2017	Presentation of Paper & Participant	Characterization of flash evaporated polycrystalline nano structured AgGaTe <sub>2</sub> films
National Conference on Recent Trends in Material Science and Technology (RTMST-2017)	Smt.P.K.Kotecha Mahila Mahavidyalaya,	Bhusawal	4-2-2017	Invited Speaker	Ultrasonics : Applications in Nanotechnology

Inter School Little Scholar's Science Conference	Shristi Education Trust school	Lambhavel	23-2-2017	Judge for Poster and Working Model Presentation competition	-
National workshop on Electronic Devices and Characterization Techniques (NWEDCT-2017)	Department of Electronics,S.P.Univ ersity	V.V.Nagar	14-3-2017	Local Organizing Committee Member	--

#### DEPARTMENT OF MATERIALS SCIENCE

Name of the Teachers	Theme of the Seminar/Conference/Workshop/ Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/Chair person/presentation of Paper/Poster/Participant etc.)	Title of the Paper/Poster
Dr. R.H.Patel	Workshop on Materials Processing and Characterization	BVM Engineering College and Department of Materials Science, Sardar Patel Univeristy, Vallabh Vidyanagar	V.V. Nagar	30 March 2017	Expert lecture	Fabrication of Fiber Reinforced Composites
	Workshop on Materials Processing and Characterization	BVM Engineering College and Department of Materials Science, Sardar Patel Univeristy, Vallabh Vidyanagar	V.V. Nagar	31 March 2017	Expert lecture	Fabrication of Fiber Reinforced Composites
	UGC sponsored One Day National Workshop on electronic devices and characterization	Department of electronics, Sardar Patel University	V.V.Nagar	14/03/2017	Attended	-----
Dr. J.K. Valand	National Workshop on Characterization Techniques for	Department of Materials Science, Sardar Patel	V.V. Nagar	07 March 2017	Expert lecture	Scanning Electron Microscopy

	Materials	University				
	National Workshop on Analytical Techniques for Material Characterization	Department of Physics, Sardar Patel University	V.V. Nagar	20 March 2017	Poster presentation	Mixed Metal Oxide Nanoparticles: Characterizations and Properties Correlation
	Workshop on Materials Processing and Characterization	BVM Engineering College and Department of Materials Science, Sardar Patel University, Vallabh Vidyanagar	V.V. Nagar	30 March 2017	Expert lecture	Analysis of Materials using Scanning Electron Microscope Technique-I
	Workshop on Materials Processing and Characterization	BVM Engineering College and Department of Materials Science, Sardar Patel University, Vallabh Vidyanagar	V.V. Nagar	31 March 2017	Expert lecture	Analysis of Materials using Scanning Electron Microscope Technique-II

#### DEPARTMENT OF MATHEMATICS

Name of the Teachers	Theme of the Seminar/Conference/Workshop/ Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/Chair person/presentation of Paper/Poster/Participant etc.)	Title of the Paper/Poster
H V Dedania	International Conclave on Higher Education	Gujarat Government	Mahatma Mandir, Gandhinagar	18 October 2016	Participant	
P A Dabhi	International Conclave on Higher Education	Gujarat Government	Mahatma Mandir, Gandhinagar	18 October 2016	Participant	
A H Hasmani	National Seminar on Functional	Department of	Sardar Patel	16-18 January	Participant	

	Analysis and Harmonic Analysis	Mathematics	University, Vallabh Vidyanagar	2017		
H V Dedania	National Seminar on Functional Analysis and Harmonic Analysis	Department of Mathematics	Sardar Patel University, Vallabh Vidyanagar	16-18 January 2017	Resource Person	Uniqueness and Spectral Properties in Beurling Algebras
D J Karia	National Seminar on Functional Analysis and Harmonic Analysis	Department of Mathematics	Sardar Patel University, Vallabh Vidyanagar	16-18 January 2017	Participant	
H S Mehta	National Seminar on Functional Analysis and Harmonic Analysis	Department of Mathematics	Sardar Patel University, Vallabh Vidyanagar	16-18 January 2017	Resource Person	n - Self adjoint Operators
P A Dabhi	National Seminar on Functional Analysis and Harmonic Analysis	Department of Mathematics	Sardar Patel University, Vallabh Vidyanagar	16-18 January 2017	Paper presentation	Segal extensions and Segal algebras in uniform Banach algebras
S J Ghevariya	National Seminar on Functional Analysis and Harmonic Analysis	Department of Mathematics	Sardar Patel University, Vallabh Vidyanagar	16-18 January 2017	Paper Presentation	Analysis of BSM Formulas
J G Mehta	National Seminar on Functional Analysis and Harmonic Analysis	Department of Mathematics	Sardar Patel University, Vallabh Vidyanagar	16-18 January 2017	Resource Person	Set of uniqueness of shifted Gaussian primes
A H Hasmani	National Conference on Differential Geometry and its Applications	Deen Dayal Gorakhpur University	Gorakhpur	27-28 January, 2017	Resource Person	
H V Dedania	National Conference on Algebra, Analysis. and Graph Theory	Saurashtra University	Rajkot	9–11 February 2017	Resource Person	
H S Mehta	National Conference on	Saurashtra	Rajkot	9–11 February	Resource Person	Cartesian Product of

	Algebra, Analysis. and Graph Theory	University		2017		Graphs and its generalizations
J G Mehta	Gujarat Ganit Mandal, Annual Conference	Gujarat Ganit Mandal	Ganpat University, Mehsana	25th December, 2016	Resource Person	Cryptography: A quick introduction

#### DEPARTMENT OF HOME SCIENCE

Name of the Teachers	Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/Chair person/presentation of Paper/Poster/Participant etc.)	Title of the Paper/Poster
Dr.V.H.Patel	National conference on food priorities-from evidence to action	Dept. of Foods and Nutrition, The Maharaja Sayajirao University of Baroda.	The Maharaja Sayajirao University of Baroda.	2 <sup>nd</sup> & 3 <sup>rd</sup> September, 2016.	Participant	Co-author in presented poster entitled “phenolic content and antioxidant activity of <i>salvadora persica</i> fruit extracted by different solvents”.
	National conference on food priorities-from evidence to action	Dept. of Foods and Nutrition, The Maharaja Sayajirao University of Baroda.	The Maharaja Sayajirao University of Baroda.	2 <sup>nd</sup> & 3 <sup>rd</sup> September, 2016.	Participant	Co-author in presented poster entitled “ <i>Garcinia indica</i> extract prevents liver metabolic changes induced by administration of fructose rich diet”.
	National conference on food priorities-from evidence to action	Dept. of Foods and Nutrition, The Maharaja Sayajirao University of Baroda.	The Maharaja Sayajirao University of Baroda.	2 <sup>nd</sup> & 3 <sup>rd</sup> September, 2016.	Participant	Co-author in presented poster entitled “In vitro alpha inhibition and in silico molecular docking of antidiabetic raw mango fruit”
	National conference on food priorities-from evidence to action	Dept. of Foods and Nutrition, The Maharaja Sayajirao University of Baroda.	The Maharaja Sayajirao University of Baroda.	2 <sup>nd</sup> & 3 <sup>rd</sup> September, 2016.	Participant	Co-author in presented poster entitled “Development of a database on total phenolics,

		University of Baroda.	University of Baroda.			flavonoid content and total antioxidant capacity of pulses commonly consumed in India".
	National conference on food priorities-from evidence to action	Dept. of Foods and Nutrition, The Maharaja Sayajirao University of Baroda.	The Maharaja Sayajirao University of Baroda.	2 <sup>nd</sup> & 3 <sup>rd</sup> September, 2016.	Participant	Co-author in presented poster entitled "Sensory attributes and total antioxidant status of functional dehydrated product (papdi) incorporated with sorghum and whey protein".
	National conference on food priorities-from evidence to action	Dept. of Foods and Nutrition, The Maharaja Sayajirao University of Baroda.	The Maharaja Sayajirao University of Baroda.	2 <sup>nd</sup> & 3 <sup>rd</sup> September, 2016.	Participant	Co-author in presented poster entitled "A comparison of peroxide value analysed from reused cooking oils collected from street vendors and residential sources".
	National conference on food priorities-from evidence to action	Dept. of Foods and Nutrition, The Maharaja Sayajirao University of Baroda.	The Maharaja Sayajirao University of Baroda.	2 <sup>nd</sup> & 3 <sup>rd</sup> September, 2016.	Participant	Co-author in presented poster entitled "Effect of incorporation of spirulina and ragi on sensory characteristics, antioxidant capacity and textural properties of biscuits".
	National conference on food priorities-from evidence to action	Dept. of Foods and Nutrition, The Maharaja Sayajirao University of Baroda.	The Maharaja Sayajirao University of Baroda.	2 <sup>nd</sup> & 3 <sup>rd</sup> September, 2016.	Participant	Co-author in presented poster entitled "Effect of cooking and bio-processing on phytochemicals of selected cereals".
	National conference on food priorities-from evidence to action	Dept. of Foods and Nutrition, The Maharaja Sayajirao University of Baroda.	The Maharaja Sayajirao University of Baroda.	2 <sup>nd</sup> & 3 <sup>rd</sup> September, 2016.	Participant	Co-author in presented poster entitled "Evaluation of nutraceutical properties of kidney beans and peas tempeh".
	International conference on nutraceuticals and functional foods- the challenges and	Anand Agricultural university and Indian Society of Agricultural	Anand Agricultural University, Anand	6- 8 December, 2016.	Participant	Co-author in presented poster entitled "Modulatory effect of kokum extract against hyperglycemia and oxidative



	opportunities	Biochemists, Kanpur				stress induced by high fructose diet in rats”
	International conference on nutraceuticals and functional foods- the challenges and opportunities	Anand Agricultural university and Indian Society of Agricultural Biochemists, Kanpur	Anand Agricultural University, Anand	6- 8 December, 2016.	Presentation of Paper	Co-author in presented poster entitled “Nutraceutical (antidiabetic and antiglycation) properties and insilico molecular docking of mangiferin for management of hyperglycemia”
	International conference on nutraceuticals and functional foods- the challenges and opportunities	Anand Agricultural university and Indian Society of Agricultural Biochemists, Kanpur	Anand Agricultural University, Anand	6- 8 December, 2016.	Participant	Co-author in presented poster entitled “Development and analysis of nutria-fiber mix- a functional snack product”
	International conference on nutraceuticals and functional foods- the challenges and opportunities	Anand Agricultural university and Indian Society of Agricultural Biochemists, Kanpur	Anand Agricultural University, Anand	6- 8 December, 2016.	Participant	Co-author in presented poster entitled “Effect of feeding antioxidant rich drink on the serum antioxidant status and hematological profile of young females”
	International conference on nutraceuticals and functional foods- the challenges and opportunities	Anand Agricultural university and Indian Society of Agricultural Biochemists, Kanpur	Anand Agricultural University, Anand	6- 8 December, 2016.	Participant	Co-author in presented poster entitled “Physiochemical and sensorial quality of cookies incorporated with flaxseed and amaranth seed”
	International conference on nutraceuticals and functional foods- the challenges and opportunities	Anand Agricultural university and Indian Society of Agricultural Biochemists, Kanpur	Anand Agricultural University, Anand	6- 8 December, 2016.	Participant	Co-author in presented poster entitled “Effect of feeding functional snack khakhra on lipid profile of type-II diabetic males residing in Anand”
	International Conference on Nutraceuticals and Functional Foods –The	Anand Agricultural university and Indian Society of	Anand Agricultural University,	6- 8 December, 2016.	Participant	Co-Author in Presented poster entitled “Effect of Feeding Functional Snack “Khakhra” on

	Challenges and Opportunities	Agricultural Biochemists, Kanpur	Anand			Lipid Profile of Type-II Diabetic Males Residing in Anand
	National Conference On “Food And Nutrition Priorities – From Evidence To Action”	Dept. of Foods and Nutrition, The Maharaja Sayajirao University of Baroda.	The Maharaja Sayajirao University of Baroda.	2 <sup>nd</sup> & 3 <sup>rd</sup> September, 2016.	Participant	Co-Author in Presented poster entitled “A Comparison of Peroxide Value Analyzed from Reused Cooking Oils Collected from Street vendors and Residential Sources”
	International Conference on Nutraceuticals and Functional Foods –The Challenges and Opportunities	Anand Agricultural university and Indian Society of Agricultural Biochemists, Kanpur	Anand Agricultural University, Anand	6- 8 December, 2016.	Participant	Co-Author in Presented poster entitled “Development And Analysis Of Nutri- Fibre Mix- A Functional Snack Product”
Dr. Rema Subhash	International Conference on Nutraceuticals and Functional Foods –The Challenges and Opportunities	Anand Agricultural university and Indian Society of Agricultural Biochemists, Kanpur	Anand Agricultural University, Anand	6- 8 December, 2016.	Participant	Co-Author in Presented poster entitled “Effect of Feeding Functional Snack “Khakhra” on Lipid Profile of Type-II Diabetic Males Residing in Anand
	National Conference On “Food And Nutrition Priorities – From Evidence To Action”	Dept. of Foods and Nutrition, The Maharaja Sayajirao University of Baroda.	The Maharaja Sayajirao University of Baroda.	2 <sup>nd</sup> & 3 <sup>rd</sup> September, 2016.	Participant	Co-Author in Presented poster entitled “A Comparison of Peroxide Value Analyzed from Reused Cooking Oils Collected from Street vendors and Residential Sources”
	International Conference on Nutraceuticals and Functional Foods –The Challenges and Opportunities	Anand Agricultural university and Indian Society of Agricultural Biochemists, Kanpur	Anand Agricultural University, Anand	6- 8 December, 2016.	Participant	Co-Author in Presented poster entitled “Development And Analysis Of Nutri- Fibre Mix- A Functional Snack Product”
Dr. Namrita Kola	Nurturing Family values for the Social Well Being	Department of Home Science,	Rajkot	29/1/17	Poster Presentation	Traditional textile craft focused towards waste reduction.

		Saurashtra University				
	Global Trends and Practices in Human Resources	G. H. Patel P. G. Institute of Business Mgt., SPU	V. V. Nagar	4/3/17	Paper Presented	Global Practices of HR in Textile Industries.
	Gender Sensitivity & Prevention and Redressal of Sexual Harassment of women at Work Place	National Council for training & Social research	V. V. Nagar	17-18/3/17	Participant	-
Dr. Neeta Dave	National Conference On “Food And Nutrition Priorities – From Evidence To Action”	Department of Foods and Nutrition. M. S. University.	The Maharaja Sayajirao University of Baroda	2 <sup>nd</sup> & 3 <sup>rd</sup> September, 2016.	Participant	Co-author in Poster presentation entitled “Effect of incorporation of spirulina and ragi on sensory characteristics, antioxidant capacity and textural properties of biscuits”.
	National Conference On “Food And Nutrition Priorities – From Evidence To Action”	Department of Foods and Nutrition. M. S. University.	The Maharaja Sayajirao University of Baroda	2 <sup>nd</sup> & 3 <sup>rd</sup> September, 2016.	Participant	Co-author in Poster presentation entitled “Sensory attributes and total antioxidant status of functional dehydrated product (papdi) incorporated with sorghum and whey protein”.
	International conference on nutraceuticals and functional foods- the challenges and opportunities	Anand Agricultural university and Indian Society of Agricultural Biochemists, Kanpur	Anand Agricultural University, Anand	6- 8 December, 2016.	Participant	Co-author in Poster presentation entitled “Effect of feeding antioxidant rich drink on the serum antioxidant status and hematological profile of young females”
	International conference on nutraceuticals and functional foods- the challenges and opportunities	Anand Agricultural university and Indian Society of Agricultural Biochemists, Kanpur	Anand Agricultural University, Anand	6- 8 December, 2016.	Participant	Co-author in Poster presentation entitled “Physiochemical and sensorial quality of cookies incorporated with flaxseed and amaranth seed”

	International conference on nutraceuticals and functional foods- the challenges and opportunities	Anand Agricultural university and Indian Society of Agricultural Biochemists, Kanpur	Anand Agricultural University, Anand	6- 8 December, 2016.	Participant	Co-author in Poster presentation entitled “Effect of feeding functional snack khakhra on lipid profile of type-II diabetic males residing in Ananad”
Dr. Viraj Roghelia	National Conference on Food & Nutrition Priorities- From Evidence to Action	Department of Foods & Nutriton, Facutlty of Family & Community Sciences, MSU, Vadodara	Vadodara	2-3 September, 2016	Participation	---
	University Examination & Assessment System	ERU and IQAC, Sardar Patel University, V.V. Nagar	Vallabh Vidyanagar	6 <sup>th</sup> October, 2016	Participation	---
	International Conference on Nutraceuticals and Functional Foods – The Challenges and Opportunities.	Anand Agricultral University, Anand and Indian Society of Agricultural Biochemist, India	Anand	6-8 December, 2016	Poster presentation	DEVELOPMENT AND ANALYSIS OF NUTRI- FIBRE MIX- A FUNCTIONAL SNACK PRODUCT
	National Conference On “Nurturing Family Values for the Social Well-Being”	Smt. S. B. Gardi Institute of Home Science, Saurashtra University, Rajkot	Rajkot	29th January 2017	Poster presentation	Old Age Adjustment Among Elderly Men And Women Residing At Home And Old Age Homes

#### DEPARTMENT OF PHYSICS

Prof.U.H.Patel

Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/Chair person/presentation of Paper/Poster/Participant etc.)	Title of the Paper/Poster
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Twenty-Fourth Congress and General Assembly of the International Union of Crystallography	International Union of Crystallography	Hyderabad, India	21–28 August 2017	Poster	Solvent effect on molecular structure; X-ray and DFT studies
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Prof. P.C.Vinodkumar

National Seminar on Theoretical Physics 24-25 March 2017	Calicut University	Calicut	24-25 March 2017	Invited Speaker	Status of Exotic Hadrons
XXXI Gujarat Science Congress	Gujarat Science Academy, GERM I & Institute of Seismological research	Gandhi nagar	4-5 Feb 2017	As Fellow of GSA	--

Prof. M.P.Deshpande

XXXI Gujarat Science Congress 2017		PDPU, Gandhinagar	4 <sup>th</sup> -5 <sup>th</sup> February 2017	Participant/Judge	-----
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Prof.G.K.Solanki

Training programme on University Examination Work	by Examination Reforms Unit (ERU) and Examination Sucharu Samiti at	M.P.Patel Auditorium, S.P.University, Vallabh Vidyanagar	16 <sup>th</sup> September, 2017	Participant	Attended
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Prof. S.H.Chaki

International Conference on Nanotechnology Applications: Chemical, Energy and Environment (NACEE-2017)	Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat	Surat	March 22 – 23, 1017	Presented a paper	Comparative study of Cadmium Sulphide (CdS) nanocrystalline thin films synthesized by chemical bath deposition (CBD) and dip coating techniques.
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#### DEPARTMENT OF PHARMACEUTICAL SCIENCE

Name of the Teachers	Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/Chair person/presentation of Paper/Poster/Participant etc.)	Title of the Paper/Poster
Dr. Mrs. Bhavna Patel Miss. Shraddha Parmar	Liquid Chromatography – Mass Spectrometry (LC-MS/MS) Applications in Food Safety	Sardar Patel University	CISST SPU	6-10-2016	Participant	-

#### DEPARTMENT OF BUSINESS STUDIES

Name of teacher	Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/Poster/ Participant etc.)	Title of the Paper/Poster

Dr. S. K. Bhatt	UGC- SAP One Day National Level Seminar on “Changing Corporate Fabric: Accounting, Taxation and Governance	Department of Business Studies, Sardar Patel University, in association with Indian Accounting Association (Gujarat Branch).	Department of Business Studies, Sardar Patel University,	October 2, 2016:	Seminar Director	
	UGC- SAP One Day National Level Seminar on “Changing Corporate Fabric: Accounting, Taxation and Governance”	Department of Business Studies, Sardar Patel University under the SAP (DRS Phase-II) scheme of the UGC.	Department of Business Studies, Sardar Patel University	February 04, 2017	Seminar Director	
	National Seminar on “Changing Corporate Fabric: Accounting, Taxation and Governance”.	Department of Business Studies, Sardar Patel University under the SAP (DRS Phase-II) scheme of the UGC.	Department of Business Studies, Sardar Patel University under the SAP (DRS Phase-II) scheme of the UGC.	4/02/2017	Participated	Paper presented on “Effect of GST on market place-consumer satisfaction”
	National Seminar on “GST: Paradigm Shift In Indirect Taxation	Indian Accounting Association (Gujarat Branch) and Gujarat Commerce College, Ahmedabad.	Indian Accounting Association (Gujarat Branch) and Gujarat Commerce College, Ahmedabad.	February 19, 2017	Chairperson in Technical session-III	

Prof. P K Rathod	National Seminar on “Investment Options in Present Scenario” organised by	M. D. Shah Commerce and B. D. Patel Arts College, Mahudha, Gujarat.	Mahudha, Gujarat	September 28, 2016	Seminar Secretary	Resource Person as Keynote Speaker
	One Day National Level Seminar on “GST: A	The Department of Business Studies, Sardar Patel University	Department of Business Studies,	October 2, 2016	Seminar Secretary	

	Landmark Tax Reform since Independence”	under the SAP (DRS Phase-II) scheme of the UGC.	Sardar Patel University			
	National Seminar on “Changing Corporate Fabric: Accounting, Taxation and Governance”.	The Department of Business Studies, Sardar Patel University under the SAP (DRS Phase-II) scheme of the UGC.	Department of Business Studies, Sardar Patel University	4/02/2017	Seminar Secretary	
	National Seminar on “GST: Paradigm Shift In Indirect Taxation	Indian Accounting Association (Gujarat Branch) and Gujarat Commerce College, Ahmedabad	Indian Accounting Association (Gujarat Branch) and Gujarat Commerce College, Ahmedabad.	February 19, 2017	Chairperson in Technical session-III	
	National Conference on “GST and Its Implications on e-Commerce” jointly organised by.	Indian Accounting Association (Gujarat Branch) and Sir K. P. College of Commerce, Surat	Indian Accounting Association (Gujarat Branch) and Sir K. P. College of Commerce, Surat	February 25, 2017	:Chairman in Technical Session	
	National Seminar on “Investment Options in Present Scenario” organised by	M. D. Shah Commerce and B. D. Patel Arts College, Mahudha, Gujarat.	Mahudha, Gujarat	September 28, 2016	Seminar Secretary	Resource Person as Keynote Speaker
Dr. C. K. Sonara	39th All India Accounting Conference and International Seminar on Accounting Education and Research organized by	Department of Commerce, Bangalore University, Bangalore.	Department of Commerce, Bangalore University, Bangalore.	16-17th December, 2016:	Participated	Presented paper on “An empirical study of corporate environmental accounting and reporting of different groups of selected companies in India”.
	National Seminar on “GST: Paradigm Shift In Indirect	Indian Accounting Association (Gujarat Branch) and Gujarat	Indian Accounting Association (Gujarat	19/02/2017	Participated	



	Taxation” Jointly organised by	Commerce College, Ahmedabad..	Branch) and Gujarat Commerce College, Ahmedabad..			
Dr. Y. M. Dalwadi	National Conference on “Paradigm Shift in Commerce & Management”.	Universities Commerce & Management Teachers’ Association and M K Collage of Commerce, Bharuch.	Bharuch.	8/01/2017	Participated	“Impact of Goods and Service Tax on Indian Economy: Beneficial or Harmful?”
	National Seminar on “Changing Corporate Fabric: Accounting, Taxation and Governance”.	Department of Business Studies, Sardar Patel University under the SAP (DRS Phase-II) scheme of the UGC.	Department of Business Studies, Sardar Patel University under the SAP (DRS Phase-II) scheme of the UGC.	4/02/2017	Participated	“A Study on Awareness and Perception of Goods and Service Tax in Anand District”.
Dr. R. M. Joshi	National Seminar on “Changing Corporate Fabric: Accounting, Taxation and Governance”	Department of Business Studies, Sardar Patel University under the SAP (DRS Phase-II) scheme of the UGC.	Department of Business Studies, Sardar Patel University	4/02/2017	Participated	
	National Seminar on “GST: Paradigm Shift in Indirect Taxation”	Indian Accounting Association (Gujarat Branch) and Gujarat Commerce College, Ahmedabad.	Indian Accounting Association (Gujarat Branch) and Gujarat Commerce College, Ahmedabad.	19/02/2017	Participated	
Dr. P. R. Sheth	National Seminar on “Changing Corporate Fabric: Accounting, Taxation and Governance”	Department of Business Studies, Sardar Patel University under the SAP (DRS Phase-II) scheme of the UGC.	Department of Business Studies, Sardar Patel University under the SAP (DRS Phase-II) scheme of the UGC.	4/02/2017	Participated	

	National Seminar on “GST: Paradigm Shift In Indirect Taxation”	IndiaAccounting Association (Gujarat Branch) and Gujarat Commerce College, Ahmedabad.	Indian Accounting Association(Gujarat Branch) and Gujarat Commerce College, Ahmedabad.	19/02/2017	Participated	
Dr. D. S. Mistry	National Seminar on “GST: Paradigm Shift In Indirect Taxation”	Indian Accounting Association (Gujarat Branch) and Gujarat Commerce College, Ahmedabad.	Ahmedabad	19/02/2017:	Participated	

#### DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

Theme of the Seminar/Conference/ Workshop/Refresher Course /Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/Chair person/presentation of Paper/Poster/Participant etc.)	Title of the Paper/Poster
International faculty Development Programme	KCG, Gandhinagar and Global Training Education Program (gtep), UK at HRDC-UGC, Sardar Patel Uni.	Vallabh Vidyanagar	3 <sup>rd</sup> & 4 <sup>th</sup> August, 2017	Participant	
Refresher Course	HRDC Saurashtra University	Rajkot	27/2/17to 19/03/17	attended	Nil
Global Summit on Management Case	Indian Institute of Management (IIM)	Raipur	10-11 February 2017	Case Presentation	Enhancing and Exploring Human Resource in Hospital Services: Issues and Solutions
National HR Conclave on Global Trends and Practices in Human Resources	G H Patel P.G. Institute of Business Management	Vallabh Vidyanagr	4 March 2017	Paper Presenter and Chairperson of Technical session	A Study on Relationship between type of Life Insurance Intermediary and their perceived importance for various training programme
Effective Teaching beyond Chalk and Talk	Department of Commerce and Business Administration, Saurashtra University,	Rajkot	3 December 2016	Resource Person	Teaching through Case Study, Videos and Non-Conventional Resources

National Science and Technology Entrepreneurship Development Board (NSTEDB -Govt. of India) Sponsored Entrepreneurship Awareness Orientation Camp	Entrepreneurship Development and Incubation Center, CHARUSAT University	Changa	8 September 2016	Resource Person	Unleashing Entrepreneurial Potential Mechanisms of Product Selection and Identification of Opportunities for Entrepreneur
Orientation on Research for faculty members of Polytechnic College	B and B Institute of Technolog,	Vallabh Vidyanagar	1/10/2016	Resource Person	Linking Research with Teaching
National Seminar on Managing Business & Technology: SWOC in the Emerging Future	SEMCOM	Vallabh Vidyanagar	14/10/2016	Technical Session Chairperson	
UGC sponsored National Seminar on Changing Corporate Fabric; Accounting, Taxation and Governance	P.G. Department of Business Studies, S P Uni.	Vallabh Vidyanagar	4 <sup>th</sup> February 2017	Presented Paper	Good Governance Initiative by Government of Gujarat: A Study with special reference to Seva Setu
Effective Teaching through Non Lecture Methods -State Level Workshop	P G Department of Business Studies	Vallabh Vidyanagr	3-4 September 2016	Resource Person	Use of different Non Lecture methods and Non-Conventional Resources in teaching
National Seminar of Human Development: Issues and Challenges	Gujarat Social Infrastructure Development Society-Gandhinagar	Vallabh Vidyanagar	21 January 2017	Co-chairperson	
UGC Sponsored Two Day National Seminar on Conventional Education V/s Vocational Education: Problems and Prospects	DDU Kaushal Kendra, Department of Vocational Studies, C P Patel and F H Shah Commerce College	Anand	17-18 February 2017	Technical session Chairperson	

Human Development : Issues and Challenges	G.H.Patel P.G. Institute of Business Management & P.G. Dept of Economics, S.P.University, Vallabh Vidyanagar	Vallabh Vidyanagar	21/Jan/2017	Presented Paper	Human Development : Issues and Challenges in Odisha with special reference to Ganjam District
Global Trends and practices in Human Resources	G H Patel Post Graduate Institute of Business Management Vallabh Vidyanagar Gujarat	Vallabh Vidyanagar	04-03-2017	Presentation of Paper	A study on relationship between Type of Life Insurance Intermediary and their Perceived Importance for Various Training Programmes
International Conference on Technology and Management-ICTM 2017	Sakalchand Patel College of Engineering Visnagar	Visnagar	17-02-2017 & 18-02-2017	Presentation of Paper	A Comparative Study on Term and Endowment Insurance
Changing Corporate Fabric- Accounting Taxation and Governance	Department of Business Studies Sardar Patel University Vallabh Vidyanagar	Vallabh Vidyanagar	04-02-2017	Presentation of Paper	Effectiveness of <i>Seva Setu</i> Programme of Gujarat Government

#### DEPARTMENT OF ECONOMICS

Name of the Teachers	Theme of the Seminar/Conference/Workshop /Refresher Course/ Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/ Chair person/ presentation of Paper/Poster /Participant etc.)	Title of the Paper/Poster
Dr. Kinjal Ahir	Western Region Sustainability Symposium	Wipro Limited	Ahmedabad, Gujarat	21/22.10.2016	Participation	NA
	University Examination and	Exam. Reforms unit &	Vallabh	6.10.2016	Participation	NA

	Assessment System	IQAC, SPU	Vidyanagar			
	Human Development: Issues and Challenges in India	G.H.Patel PG Institute of Business Management & PG Department of Economics, SPU	Vallabh Vidyanagar	21.1.2017	Presentation of paper	Role of Education in Human Development: Implications for India
	Organizational Cultural Development Workshop	Ashapura International Ltd.	Kutch, Gujarat	11.2.2017 & 18.2.2017	Resource person	NA
	Violence against Women: Problems, Prospects and Prescriptions	Department of Sociology, SPU	Vallabh Vidyanagar	27/28.2.2017	Presentation of paper	Legal Higher Education in India: Issues related to Access and Equity
Dr. Kinjal Ahir and Dr. Sonal Bhatt	Gender Sensitivity & Prevention and Redressal of Sexual Harassment of Women at Workplace	National Council for Training and Social Research	Vallabh Vidyanagar	17/18.3.2017	Participation	NA
Dr. J. K. Barot	International Seminar	Global Economist Forum & N. S. Patel Arts College, Anand	Anand	11-01-17	Presentation of paper	Marching Towards Millennium Development Goals to Sustainable Development Goals in Indian Context
Dr. J. K. Barot & Dr. Vijay S. Jariwala	2 <sup>nd</sup> International Conference on Applied Economics and Business	Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir and The Econometric Society of India	Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir	28-07-16 To 29-07-16	Paper Presentation and Participation	Small Scale Industries in Gujarat- Structural Changes and Performance
Dr. J. K. Barot & Dr. Vijay S. Jariwala	2 <sup>nd</sup> International Conference on Applied Economics and Business	Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir and The Econometric Society of India	Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir	28-07-16 To 29-07-16	Paper Presentation and Participation	Educational Expenditure and Economic Growth in India- An Econometric Inquiry
Dr. Vijay S.	1 <sup>st</sup> World Economic and Sports	Global Economist Forum,	M S University	7-8 October,	Paper	Assessing

Jariwala	Conference	Global Sports Federation and M S University of Baroda.	of Baroda.	2016	Presentation and Participation	Gujarat's Khel Mahakumbh Event- Unlocking Major Opportunities for Youth & Children in the State
Dr. J. K. Barot & Dr. Vijay S. Jariwala	International Seminar on International Institute for Development Studies and International Contemporary Issues in Development	International Institute for Development Studies, Australia and Department of Human Resource Development, VNSGU & Vishleshan Trust, Surat	Department of Human Resource Development, VNSGU, Surat	11-12-16	Paper Presentation and Participation	Primary Education in Anand District- An Infrastructural Inquiry
Dr. Vijay S. Jariwala	International Seminar on Sustainable Development as a Holistic Economic Development	N S Patel Arts College, Anand and Global Economic Forum	N S Patel Arts College, Anand	11 <sup>th</sup> January, 2017	Paper Presentation and Participation	Assessing Indian Children & Women's Position with respect to Disparities & Inequalities – A Goal Post from MDGs to SDGs
Dr. J. K. Barot & Dr. Vijay S. Jariwala	Human Development: Issues and Challenges in India	GSIDS, Govt. of Gujarat, G.H. Patel Institute of Business Management & P. G. Department of Economics, S. P. Uni.	G.H. Patel Institute of Business Management, S P University, V V Nagar	21-01-17	Paper Presentation and Participation	Educational Investment and Economic Growth in India- An Econometric Approach
Dr. J. K. Barot & Dr. Vijay S. Jariwala	32 <sup>nd</sup> Annual Convention of Indian Society for Studies in Cooperation	Indian Society for Studies in Cooperation & Institute of Cooperation Management, Dehradun	Institute of Cooperation Management, Dehradun	March, 17-18, 2017	Paper Presentation and Participation	An Inquiry into Growth Aspect of Primary Agricultural Society Of Gandevi Taluka in Navsari District of

						Gujarat
Dr. J. K. Barot & Dr. Vijay S. Jariwala	32 <sup>nd</sup> Annual Convention of Indian Society for Studies in Cooperation	Indian Society for Studies in Cooperation & Institute of Cooperation Management, Dehradun	Institute of Cooperation Management, Dehradun	March, 17-18, 2017	Paper Presentation and Participation	A Study of BSSM in Anand Dist. of Gujarat- Some Economic Aspects

#### DEPARTMENT OF HISTORY

Name of the Teacher	Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the participation (Resource person/Chair person/presentation of paper/poster/participant etc.	Title of the paper/poster
Dr. J.M. Pandya	The Indian states and their contribution in Arts,Architecture, Literature and cultural history (Through the ages)	Shri Natnagar Shodh Samsthan Sitamau (M.P.)	Sitamau(M..P.)	12-14, November, 2016	Paper Reading	;IFHLZFJ UFISJF0GF XF;GSF/DF\ S0L 5IFGTGF 5F86 DCF,GM ;F\;S'TS IJSF;s!( *5v!)#)f
	Trends in Historiography of Gujarat.	Department of History, Gujarat University	Ahmedabad	25 January, 2017	Resource Person	
	Freedom movement in India and Satya grah has in Gujarat: A Review	Department of History, Sardar Patel University	Vallabh Vidyanagar	11, February 2017	Seminar Director	
	Annual Conference of Dakshin Gujarat Itihas Parishad	Dakshin Gujarat Itihas Parishad	Vyara (South Gujarat University)	19 February, 2017	Key-note Speech	
Dr. D.C. Chaudhari	Freedom movement in India and Satya grah has in Gujarat: A Review	Department of History,	Vallabh Vidyanagar	11, February	Seminar Director	

		Sardar Patel University		2017		
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#### DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Name of the Teachers	Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/Chair person/presentation of Paper/Poster/Participant etc.)	Title of the Paper/Poster
Dr. J.C. Makwana	Librarians' Day Seminar	ADINET & INFLIBNET Centre	Gandhinagar	6 <sup>th</sup> August 2016	Participant	-
Dr. J.C. Makwana	Librarians' Day Seminar	ADINET & INFLIBNET Centre	Gandhinagar	6 <sup>th</sup> August 2016	Presentation of Poster	University Library Building
Dr. L.N. Zala	Seminar on Emerging Trends in LIS Research & Ethics	ADINET	INFLIBNET, Gandhinagar	06 Aug 2016	Participant	NOT APPLICABLE

#### DEPARTMENT OF POLITICAL SCIENCE

Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/Chair person/presentation of Paper/Poster/Participant etc.)	Title of the Paper/Poster
State Level Seminar Ambedkar Vichardhara	Samajik Nyay ane Adhikarita Vibhag, Gujarat Rajya, Gandhinagar, Gujarat Rajya Anusuchit Jati-Anusuchit Janjati College ane University Adhyapak Mandal Gujarat University Vistar	Senet Hall, Gujarat University, Ahmedabad	03/04/2016	Paper Presented	Yugpurush Dr. Ambedkarne Sava Satabdi Parve Gyananjali



	Adhyapak Mandal (GUATA)				
Dr. Babasaheb Ambedkar Jayanti Dr. Babasaheb Ambedkar 125th Janmajayanti Celebration	Jointly by Dr. Babasaheb Ambedkar Adhyayan Ekam Prkalp (Chair), Sardar Patel University, Vallabh Vidyanagar and Nayab Niyamak, Anusuchit Jati Kalyan, Anand	Dr. Ambedkar Bhavan, Anand	14/04/2016	Hon. Director, Dr. Babasaheb Ambedkar Chair, S.P. University, V.V. Nagar	Dr. Ambedkar ane Rashtra Seva
NET Orientation Programme May-2016	UGC Sponsored NET Coaching Centre for SC/ST, Sardar Patel University, Vallabh Vidyanagar	P.G. Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar	02/05/2016	Director	--
32nd Orientation Programme (02/05/2016 to 29/05/2016)	UGC-Human Resource Development Centre, Sardar Patel University, Opp. SICART, 1st Floor of N.C.C. Building, B/h. Bhaikaka Statue, Vallabh Vidyanagar-388120	UGC-Human Resource Development Centre, Sardar Patel University, Opp. SICART, 1st Floor of N.C.C. Building, B/h. Bhaikaka Statue, Vallabh Vidyanagar-388120	04/05/2016	Resource Person	
World Population Day Celebration	Jointly Organized by P.G. Department of Political Science, Sardar Patel University and Indian Institute of Public Administration, Local Branch, V.V. Nagar	Class No. 5, Humanities Building, Sardar Patel University, V.V. Nagar	11/07/2016	Director	Demographic Dividend
33rd Orientation Programme (11/07/2016 to 07/08/2016)	UGC-Human Resource Development Centre, Sardar Patel University, Opp. SICART, 1st	UGC-Human Resource Development	13/07/2016	Resource Person	--

	Floor of N.C.C. Building, B/h. Bhaikaka Statue, Vallabh Vidyanagar-388120	Centre, Sardar Patel University, Opp. SICART, 1st Floor of N.C.C. Building, B/h. Bhaikaka Statue, Vallabh Vidyanagar-388120			
Library Orientation-cum-Information Literacy for Post Graduate Students for Library Awareness	Jointly organized by P.G. Department of Political Science, Sardar Patel University and Bhaikaka Library, Sardar Patel University, Vallabh Vidyanagar	Class No. 5, Humanities Building, Sardar Patel University, V.V. Nagar	21/07/2016	--	--
NET Orientation Programme September-2016	Jointly organized by UGC Sponsored NET Coaching Centre for SC/ST, Sardar Patel University, Vallabh Vidyanagar and N.S. Patel Arts College, Anand	N.S. Patel Arts College, Anand	02/09/2016	Director	--
Two Days International Seminar on Abhinavagupt: A Re-Reading	Bhavan's Sheth R.A. College of Arts and Commerce, Ahmedabad	Bhavan's Auditorium, Khanpur, Ahmedabad	13/09/2016	Participated	--
One day Workshop Semester-I Soft Skill and Foundation	Arts College, Limkheda	Arts College, Limkheda	19/09/2016	Subject Expert	Indian Constitution
34th Orientation Programme (26/09/2016 to 23/10/2016)	UGC-Human Resource Development Centre, Sardar Patel University, Opp. SICART, 1st Floor of N.C.C. Building, B/h. Bhaikaka Statue, Vallabh Vidyanagar-388120	UGC-HRD Centre, Sardar Patel University, Opp. SICART, 1st Floor of N.C.C. Building, B/h. Bhaikaka Statue, Vallabh Vidyanagar-	28/09/2016	Resource Person	--

		388120			
“University Examination & Assessment System”- An Orientation.	Examination Reforms Unit (ERU) and Internal Quality Assurance Cell (IQAC) Sardar Patel University, Vallabh Vidyanagar-388120	M.P. Patel Auditorium	06/10/2016	Participated and Committee Member	--
International Conclave on Higher Education: Quality, Governance & Innovation	Education Department Government of Gujarat	Mahatma Mandir, Gandhinagar, Gujarat, India	18/10/2016	Participated	--
State Level Seminar	Savedhanik Adhikar Sabha	Circuit House, Ahmedabad	23/10/2016	Speaker	Dalit Andolan aur Dr. B.R. Ambedkar
Rational Conference	Rational Conference in collaboration with Rational Samaj, Gandhinagar and Gujarat Mumbai Rationalist Association	Shri Brahmanikrupa Hall, Farmacy College Compound, Sector-23, Gandhinagar	13/11/2016	Participated	--
National Seminar on “Relearning Dr. B.R. Ambedkar’s Thoughts and Ideology for Reconstructing Contemporary Society”	Under the aegis of Dr. B.R. Ambedkar Chair, Dr. Ambedkar Foundation, Ministry of Social Justice and Empowerment, Government of India.	Faculty of Social Work, The Maharaja Sayajirao University of Baroda	6-7 December 2016	Paper Presented	Babaseh ane Vartman Sthithi
National Seminar on Mahatma Gandhi avam Lokmanya Tilak ki Virasat: Samkalin Dhristikon	Gandhi Darshan Vibhag & Santi Sodh Kendra, Gujarat Vidyapith, Ahmedabad	Gujarat Vidyapith, Ahmedabad	14/12/2016	Paper Presetned	Lokmanya Tilak: Rajkiya Chalval
International Seminar on “Sustainable Development as a Holistic Economic Development”	Jointly organized by N.S. Patel Arts College, Anand and Global Economist Forum	N.S. Patel Arts College, Anand	11/01/2017	Participated	--
35th Orientation Programme (06/02/2017 to 05/03/2017)	UGC-Human Resource Development Centre, Sardar Patel University, Opp. SICART, 1st Floor of N.C.C. Building, B/h.	UGC-Human Resource Development Centre, Sardar	08/02/2017	Resource Person	--

	Bhaikaka Statue, Vallabh Vidyanagar-388120	Patel University, Opp. SICART, 1st Floor of N.C.C. Building, B/h. Bhaikaka Statue, Vallabh Vidyanagar-388120			
One Day Seminar on “Dr. Ambedkar and Nation”	Babasaheb Dr. B.R. Ambedkar Centre (Established by Govt. of Gujarat) Post Graduate Department of Sanskrit, Saurashtra University, Rajkot	Saurashtra University, Rajkot	17/02/2017	Session Chairman	--
National Seminar on Relevance of Ideas of Dr. B.R. Ambedkar in Present Time	Indian Council of Social Science Research (ICSSR) and Indian Political Science Association (IPSA) and Department of Political Science, Ch. Charan Singh University, Meerut.	Department of Political Science, C.C.S. University, Meerut.	31st March 2017 to 1st April 2017	Resource Person and Distinguished Speaker	Dr. Ambedkar's role in nation building.

#### DEPARTMENT OF PSYCHOLOGY

Name of the Teachers	Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/Chair person/presentation of Paper/Poster/Participant etc.)	Title of the Paper/Poster
Prof.S.M. Makvana	“Managing ...Change for Overall Efficiency	UGC Sponsored National Seminar	Psychology SPU	18/19/3/17	Paper presented	O.H.,J.I and W.S Among Supervisor of E.&P org.
	Thought of Dr.Bhimrao Ambedkar	GUATA/SC/ST University Gov- of Gujarat	Gujarat University Ahmedabad	3/42016	Paper presented	Society, Power and Dr.B.R.Ambedkar
Dr.S.N. Pathak	Psychology beyond horizon	Jay narayan university, Jodhpur	Rajasthan	30 Au1 <sup>st</sup> September	Paper presentation	A study of teacher effectiveness in relation to job stress and mental health

Dr.P.S. Suvera	Work Shop	KCG	Ahmedabad	20-26 /3/ 2017	Participant	N/A
	Work-shop	KCG	Ahmedabad	11-17/7/ 2016	Participant	N/A

#### DEPARTMENT OF SOCIOLOGY

Name of the Teachers	Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/Chair person/ presentation of Paper/Poster/ Participant etc.)	Title of the Paper/Poster
Prof.Ramesh Makwana	Higher Education	Higher Education Organized by Dept. of Higher Education, Govt. Of Gujarat, Gandhinagar	Gandhinagar	18/10/2016	Participated	
	UGC sponsored Interdisciplinary National Seminar on Human Rights Issues and Social Justice in India	L.J.N.J Mahila Mahavidyalaya Vile Parle (East) Mumbai	Mumbai	15 <sup>th</sup> & 16 <sup>th</sup> March 2016	Presented Paper	Mahila sarpanchoke manavadhikaro ko sthiti,chunotiya avm samadhan
	UGC sponsored National Seminar on Gender, Education and Child Labour	Smt.H.B.Jasani Arts and Shri N.K.Jasani Commerce college	Rajkot	March 22,2016	Participated	Child Labour and Education
	Indian Sociological Society 42 <sup>nd</sup> All India sociological conference	Tezpur University	Asham	December 27-30,2016	Presented research paper	Role of family and peen group in clreeg abuse among college
	International Seminar on gender equality and women's Empowerment: Dimensions, directions and challenges	Department of Sociology,Jai Narain Vyas University.	Jodhpur. Rajsthan	25-26 November,2016	Presented	Women's Empowrment: Challenges Awad
	Shri Ramkrishna Seva Mandal's	Anand Arts College ,	Anand	11 <sup>th</sup> March 2017	Presented research paper	Human Rights: Different Perspectives

	UGC Sponsored National Seminar on	Department of Sociology Saurashtra university	Rajkot	3-4 March,2017	Participated	Social Stratification and Mobility
	Samajik nyay ane adhikarita vibhag ,gujrat rajya ,Gandhinagar	Gujrat rajya Anusuchit jati – Anusuchit janjati college ane university adyapak mandal	Gandhinagar	3 April 2016	Participated	

#### M B PATEL COLLEGE OF EDUCATION

Name of the Teachers	Theme of the Seminar/Conference/Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/Chair person/presentation of Paper/Poster/Participant etc.)	Title of the Paper/Poster
Dr. A. J. Macwan	NAAC sponsored National Seminar on “Quality in Higher Education”	Shri R. P. Ananda College of Education, Petlad	Shri R. P. Ananda College of Education, Petlad	March 9-10, 2017	Presentation of Paper	Making PreService TE institutions as Learning Organisation
	National Seminar on “Human Rights: Different Perspectives”	Anand Arts College, Anand	Anand Arts College, Anand.	March 11, 2017	Presentation of the Paper	Literature Mediated Human Rights Awareness in Higher Education.
Mr M R Solanki	National Workshop on Radical General Semantics	Dept of English, Doon University	Dehradun	15–17 Dec. 2016	Participation	-----
	International Conference on “Materialities: Objects, Matter, Things”	Dept of English, Doon University	Dehradun	18–21 Dec. 2016	Presentation of Paper	Malik Sajad’s <i>Munnu</i> : Texture of Things and Materiality of

						Artefacts
	National Conference on “Reading, Teaching and Performing Shakespeare in Contemporary Times”	Dept. of English, Sonapur College	Guwahati (Assam)	26–27 Sept. 2016	Presentation of Paper	Homosociality/Homos exuality and Shakespeare: Bakhtinian Reading of <i>King Lear</i>
Mr P B Raval	National Workshop on Radical General Semantics	Dept of English, Doon University	Dehradun	15–17 Dec 2016	Participation	-
	International Conference on “Materialities: Objects, Matter, Things”	Dept of English, Doon University	Dehradun	18–21 Dec. 2016	Presentation of Paper	Derrida and Painting: Deconstructing the Western Philosophy of Art

#### DEPARTMENT OF GUJARATI

Name OF The Teacher	Theme of the Seminar/Conference /Workshop/Refresher Course /Orientation Course/ Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person/Chair person/ presentation of Paper/Poster/ Participant etc.)	Title of the Paper/Poster
Prof. Dr. Param Pathak	Santvanima Adhyatmikta ane Samajik samrasta National seminar	Arts college, Santrampur	Santrampur	4/2/17	Resource person	Bharatiy Sant Bhakt kavayitrio
	Gujratino Adhyapak Sangh Varsik Adhivation	The M.S. university Of Baroda	Vadodara	25/2/17	Resource person	Chhella tran Daykanu gujarti Vivechan
	National Seminar on Folk philosophy	Banasthali Vidyapith	Banasthali, rajasthan	25-25 March 2017	presentation of Paper	Folk Philosophy in gujrati Proverbs
Prof. Dr. Pinakini Pandya	National Seminar	Gujaratino Adhyapak Sangh, Vadodara	Vadodara	25-26 – 02- 2017	Resource Person	Vivechanano Adyarupiya Abhigam

	National Seminar	Sahitya Akademi, Gandhinagar and Anand Arts College, Anand	Anand	21-02- 2017	Resource Person	Rajendra Shah
Dr. Ramesh Chaudhari	Gujratino Adhyapak Sangh Varsik Adhivation	The M.S. university Of Baroda	Vadodara	25/2/17	Participant	Participant

#### DEPARTMENT OF HINDI

Name of the Teachers	Theme of the Seminar/Conference/ Workshop/Refresher Course/Orientation Course/Symposia	Name of the organization	Place	Date	Nature of the Participation (Resource person /Chair person/ presentation of Paper/Poster/ Participant etc.)	Title of the Paper/Poster
Dr. Dayashankar Tripathi	Hindi Kavita : Nai Sadi Ka Swar Aur Kalevar (National)	Central University of Gujarat	Gandhinagar	1,2/04/2016	Chairperson	Asmita Vimarsh Aur Hindi
	Text Book Writing Workshop (State)	Gujarat Rajyashala Pathya Pustak Mandal	Gandhinagar	10/05/2016	Advisor	Hindi Pratham Bhasha 12 <sup>th</sup> Class
	Text Book Writing Workshop (State)	G.R.P.P. Mandal	Gandhinagar	25/06/2016	Advisor	Hindi Pratham Bhasha 12 <sup>th</sup> Class
	Navinikaran Karykram Orientation Course (State)	Kendriya Hindi Sansthan, Ahmedabad Kendra	Vadodara	29/08/2016	Chairperson	School Teachers
	Text Book Writing Workshop (State)	G.R.P.P. Mandal	Gandhinagar	6/10/2016	Advisor	Hindi Pratham Bhasha 12 <sup>th</sup> Class
	Higher Education Conclave (International Conference)	Gujarat Government	Gandhinagar	18/10/2016	Participation	--
	Madhyakalin Hindi Ke Gaudkavi (National Seminar)	UGC	Saurashtra Uni., Rajkot	24/10/2016	Chief Guest	Hindi Ke Madhyakalin Gaud Kavi



	Hindi Kahani : Nai Sadi Ka Srujan Aur Sarokar (International Seminar)	Central University of Gujarat	Gandhinagar	17/01/2017	Chairperson	Bhomandalotta r Samaj Aur Sanskruti
	Shodh Ka Kshetra Aur Paddhate (Refresher Course-National)	UGC	Saurashtra Uni., Rajkot	19,20/01/ 2017	Resource Person	Scop and Method of Research in Hindi Language and Literature
Dr. Dayashankar Tripathi	Natak Evam Rangmanch (National Seminar)	Sahitya Academy Arts and Commerce College, Gandhinagar	Devgadh Bariya	10/03/2017	Keynote Person & Chairperson	Hindi Natak Jayshankar Prasad to Dharmvir Bharati
Dr. Madanmohan Sharma	Bhartiya Loknatyaroop	Sahitya Academy	Mansa	1/02/2017	Resource Person	Nautanki ....
	Prayojanmulak Hindi	UGC Outreach	Bhavnagar	27-28/02/2017	Resource Person	Prayojan .....
Dr. Dilip Mahera	Natak Evam Rangmanch (National Seminar)	Sahitya Academy Arts and Commerce College, Gandhinagar	Devgadh Bariya	10/03/2017	Recourse Person	Hindi Natak Jayshankar Prasad to Dharmvir Bharati
	Hindi Kahani : Nai Sadi Ka Srujan Aur Sarokar (International Seminar)	Central University of Gujarat	Gandhinagar	17/01/2017	Chairperson	Bhomandalotta r Samaj Aur Sanskruti
Dr. Seemaben Rathod	Journy of Indian Languages	BAOU & IGNOU	Ahmedabad	14-15 Oct-2017	Presentation of Paper	Hindi Sahitya, Chalchitra Aur Sanskriti
Dr. Seemaben Rathod	Human Rights	Anand College	Anand	11/03/2017	Presentation of Paper	Manav Adhikar Evam Mahilayen

#### DEPARTMENT OF SANSKRIT

Name of the Teachers	Theme of the Seminar/Conference/ Workshop/Refresher Course/	Name of the organization	Place	Date	Nature of the Participation	Title of the Paper/Poster
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	Orientation Course/Symposia				(Resource person/ Chair person/ presentation of Paper/Poster/ Participant etc.)	
Prof.Dr. N. P. Patel	The role of Higher Education	Department of Higher Education, Gujarat Govt.	Gandhinagar	18/10/2017	Participant	--
	Adhunik Sanskrit Kavita	Sanskrit Sahitya Academi Gandhinagar Ane Shribrihad Gujarat Sanskrit Parishad	Karnavati, Ahmedabad	11-12/12/2016	Chair person	--
	Refresher Course on Research Methodology	UGC-HRDC	Rajkot	17-18/01/2017	Resource person	Research Methodology in Sanskrit
	Preparation for Documentation to NAAC Committee	Arts & Commerce College	Talod	13/02/2017	Resource person	--
	Modern Sanskrit Literature	Saurashtra Sanskrit Teacher Association & Swaminarayan Mandir Junagadh	Junagadh	04-05/03/2017	Chair Person	--

### (3)Lectures Organized by the University

**(A) Shri Ishwarbhai Ambalal Patel (Shertha) Visiting Professor/Fellow Programme:**Statement showing the expenditure incurred during the year 2016-2017towardsIAPATEL (SHERTHA)VisitingProfessorship Programme for the Departments of(1)Physics (2)Materials Science (3) Mathematics (4) Business Studies (5) Computer Science and Technology (6)Economics (7) English(8) Hindi (9) M.S.W &(10)Sanskrit

Sr. No.	Name of the Department	Name & Address of the experts/eminent persons invited	Topics/Subject of Lectures delivered	Date of Lecture arranged
1.	2.	3.	4.	5.

1	Physics	Dr. Parimal Paul Chief Scientist, Analytical Division & Central Instrument Facilities, CSMCRI, Gijubhai Badheka, Bhavanagar, Gujarat.	"Analytical Techniques for Material Characterization"	20-03-2017 (1 Lect.)
		Dr. Vinay Kumar Head Radiation Biology and Health Sciences Department, BARC, Mumbai, India.	"Structural Biology I&II "	20-01-2017 (1 Lect.)
2	Materials Science	Dr. Manoj Komath Scientist 'F', Division of Bioceramic Teach. wing, Sree Chitra Tirunal Institute for Medical Sciences & Tech. (SCTIMST), Trivandrum.	"Bio Ceramic Materials"	16-03-2017 (2 Lect.)
3	Mathematics	Dr. Tomasz Kania Department of Mathematics, School of Chemistry, University of Warwick, Coventry UK.	"Recovering a Compact Space from the Family of its continuous scalar valued function : the old and the new"	19-12-2016 (1 Lect.)
4	Business Studies	Dr. Naval Kishor, Director & Professor School of Management Studies IGNOU, Delhi.	"Global Economy and Developing Countries."	11-08-2016 (1 Lect.)
		Dr. Ashish J. Dave Associate Professor, C. C. Commerce College, Visnagar, (Hemchandracharya North Gujarat University Patan)	"Research Methodology in Commerce"	24-08-2016 (1 Lect.)
		Mr. Dipak M Rai, Professor IT & Soft skill, Vadodara, Gujarat.	(1) "Soft skill & Presentation" (2) --- do ---	25-01-2017 (2 Lect.)
		Prof (Dr.) Shailesh Parmar, Department of Commerce, Saurashtra University, Rajkot, Gujarat.	(1) "Research Methodology" (2) --- do ---	30-01-2017 (2 Lect.)
5	Computer Science	Dr. Brijesh Jojal Higher College of echnology, Muscat.	"Cyber Security"	18-07-2016 (1 Lect.)
		Dr. Vijay Singh Rathod, Pankaj Engineering College and Research Centre Jaipur, India.	"Cloned Computing"	29-06-2016 (1 Lect.)
6.	Economics	Prof. Kiran Pandya Department of Human Resources, Development, Veer Narmad South Gujarat University, Surat, Gujarat.	"Consumption Function"	10-01-2017 (1 Lect.)
		Dr. Gaurang Rami Prof. Department of Economics, Veer Narmad	"Health and Human	12-02-2017

		South Gujarat University, Surat, Gujarat.	Development"	(1 Lect.)
7.	English	Dr. Madhurita Chodhary Prof. Department of English, Faculty of Arts Building, M. S. University Baroda, Gujarat.	"Dostoevsky's Notes From Underground"	01-03-2017 (1 Lect.)
8.	Hindi	Dr. Veena Dadha, Prof. & Head Department of Hindi, R. T. M. Nagpur University Nagpur.	(1) "Kabir Kavya" (2) "Nirala ki Sadhana"	03-10-2016 to 04-10-2016 (2 Lect.)
9.	M.S.W.	Mr. Nikhil Somaiya Consulting Psychotherapist & Naturopath, Yavatmal-445 001.	"Honing Strengths and Weaknesses"	12-12-2016 (1 Lect.)
		Dr. Joram Aniya Tanna Assistant Professor Dera Natung Govt. College, Arunachal Pradesh.	"Cultural Diversity: A Status of Indigenous People in North East Region."	21-12-2016 (1 Lect.)
		Mr. Hitesh Khristy Executive Director, Indo Arab Ins. and Reinsurance Brokers, DMCC, Dubai.	"Welfare Insurance"	28-02-2017 (1 Lect.)
		Mr. D. S. Dave Police Officer, Anand, Gujarat.	"Role of Police in revention of Crime"	08-03-2017 (1 Lect.)
		Mr. Abhiraj Trivedi Practicing Lawyer, High Court, Ahmedabad.	"Role of Court in Prevention of Crime in India"	11-03-2017 (1 Lect.)
10.	Sanskrit	Prof. (Dr.) Gautam Patel 'Valam' Swatantara Senani Nagar, Ahmedabad, Gujarat.	"हृयव\$L kprlDe\$"	15-09-2016 (1 Lect.)

**(B) UGC Schemes**

**(I) Grant Sanctioned by the Univertsity Grants Comission, New Delhi**

- (1) University Grants Commission, New Delhi has sanctioned grants for Emeritus Fellowship to following teachers:
  - (1) Dr. M. K. Patel (Business Studies)(Retired)
  - (2) Dr. B. R. Brahmbhatt (P.G.Department of Gujarati)
  - (3) Dr. Urmilaben Thaker (Library Sci.)(Retired)
  - (4) Dr. S. J. Bhatt (Mathematics)(Retired)
- (2) University Grants Commission, New Delhi has sanctioned Special Assistance Programme at the level of CAS-III to the Department of Materials Science for the period of 5 years (1.4.2015 to 31.3.2020) with the total grants of Rs. 103 Lacs with One Project Fellow.

- (3) University Grants Commission, New Delhi has sanctioned Special Assistance Programme to the Department of Home Science for the period of 5 years (1.4.2015 to 31.3.2020) with the total grants of Rs. 82 Lacs with One Project Fellow.
- (4) University Grants Commission, New Delhi has sanctioned Special Assistance Programme at the level of DRS-I to the Department of Gujarati for the period of 5 years (1.4.2015 to 31.3.2020) with the total grants of Rs. 25 Lacs with One Project Fellow.
- (6) University Grants Commission, New Delhi has sanctioned Special Assistance Programme at the level of CAS-I to the Department of Bio-Science for the period of 5 years (1.4.2015 to 31.3.2020) with the total grants of Rs. 247.50 Lacs.
- (7) University Grants Commission, New Delhi has sanctioned Special Assistance Programme at the level of DRS-III (DRS-II to DRS-III) to the Department of Mathematics for the period of 5 years (1.4.2015 to 31.3.2020) with the total grants of Rs. 116 Lacs.
- (8) University Grants Commission, New Delhi has sanctioned Special Assistance Programme at the level of DRS-II (DRS-I to DRS-II) to the Department of Statistics for the period of 5 years (1.4.2015 to 31.3.2020) with the total grants of Rs. 82 Lacs with Two Project Fellow.
- (9) U.G.C.New Delhi has sanctioned Rs.225 lacs for the Development of Sports infrastructure & Equipment in Universities for 8 Lane Swimming Pool.
- (11) U.G.C.New Delhi has sanctioned Rs.25 lacs for the Centre for Indian Diaspora under Area Study Programme (Level-III) of the Department of Sociology for the period of five years with effect from 01/04/2014 to 31/03/2019.

**(II) Commission has Approved Various Major/Minor Research Project to the University Teachers as Shown Under:-**

**Major Research Project**

<b>Name of the Teacher</b>	<b>Title of the Project</b>	<b>Duration</b>	<b>Amount</b>
Dr. T. V. Raman Rao B,R,D School of Biosciences	Evaluation of biosafe products as an..... some perishable horticultural produce	3 Years	14,60,000/-
Dr. Parm Pathak, Professor P.G.Department of Gujarati	Digital Dictionary of Published Folktales of Gujarat and Rajasthan	3 Years	11,87,100/-
Prof. Datta Madamwar	Prospecting microalgae and cyanobacteria for high value pigments	3 Years	56,62,200/-

Name of the Teacher	Title of the Project	Duration	Amount
Dr. H. M. Patel	“An efficient synthesis of biologically active compounds via one-step synthesis from diverse heterocyclic scaffolds”	2017-2021	48,62,000/-
Dr. Saurabh S. SONI	Colored fluorescent conducting oligomers/monomers for Dye Sensitized Solar Cells	2016- 2019	88,78,099/-
K. R. Surati	“Low Band Gap Polymers for Organic Photovoltaics”	SERB/EMEQ-204/2014 21/03/2016	5,50,000/-
Manish Kumar Mishra (PI)	Study on multifunctional catalytic property of metal-organic frameworks (MOFs) catalysts for catalytic conversion of alcohols in industrially important synthesis reactions	EMR/2016/000896 26 August 2016, 3 years	30,98,260/-
S. S. Kalamkar, H. Sharma and V. Boyal	Impact Assessment and Evaluation of Ration Balancing Program in Gujarat state	Rs. 2.85 lakh MOU dated May 1, 2015 Date submission Dec. 2016	12 months
S. S. Kalamkar and M. Swain	Study on Causes of Farmers Suicides In Gujarat	Ministry of Agriculture, GOI -Office Memorandum dated Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)	12 months
M. Swain, S. S. Kalamkar and K. Kapadia	Working of Pressurized Irrigation Network Systems (PINS) in Gujarat	Ministry of Agriculture, GOI -Office Memorandum dated Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)	12 months
M. Swain, Hemant Sharma and Manishkant Ojha	Working of Pressurized Irrigation Network Systems (PINS) in Rajasthan	Ministry of Agriculture, GOI -Office Memorandum dated Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)	12 months
S. S. Kalamkar and H. Sharma	Assessment of the Status of Dairying and Potential to Improve Socio Economic Status of the Milk Producers and Convergence of all Central and State schemes at district level in India	Ministry of Agriculture, GOI -Office Memorandum dated Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)	12 months
M. Swain, S.S. Kalamkar and H. Sharma	Working of Pressurized Irrigation Network Systems (PINS) in India	Ministry of Agriculture, GOI -Office Memorandum dated Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)	12 months
S. S. Kalamkar and M. Swain	Study on Causes of Farmers Suicides In Gujarat	Ministry of Agriculture, GOI -Office Memorandum dated Januarys 19,	12 months

Name of the Teacher	Title of the Project	Duration	Amount
		2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)	
S. S. Kalamkar, S. R. Bhaiya, M. Swain and H. Sharma	Pilot Study for developing state level estimates of crop area and production on the basis of sample sizes recommended by Prof. Vaidyanathan Committee Report - Gujarat State	IASRI Sanction Letter dated 13.05.2016 (No.14 (03)/2015-Admin.I (part)- First Installment (Rs. 82.35 lakh) Total Project Cost Rs. 137.00 Lakh	12 months

Dr. Yogesh C.Joshi (PI) Dr. Darshana R. Dave (Co. PI)	UGC – SAP – III	Rs. 53 Lakhs Letter yet to be received	5 years
Dr. Pinakini Pandya	UGC DRS SAP – I (DEPARTMENTAL PROJECTS)	F.NO-5.9/DRS-I/2016 (SAP-III) RS. – 10,50,000/-	Five years
Dr. R.V. Chaudhari	“Ognismi Sadini Pardeshi Pravas kathao”	60.000/-	1.5 Year

### 3.5 Awards and Recognitions

#### (A) Achievements of Teaching Staff

The quality of the academic work being carried out can be judged from the awards and recognitions earned by our faculty so far. These include Fellowship of professional bodies like National Academy of Sciences and Gujarat Science Academy, National and International Visiting Fellowships and Professorships, IUCAA Fellowships, Commonwealth and DAAD Fellowships, awards and prizes like Homi Bhabha Award, Ramanujan Prize, Hari Om Ashram Awards, GUJCOST Vikram Sarabhai Awards, Sahitya Academy Prizes, Editorship of research journals, Bharat Jyoti Award, and Radhakrishnan Award for Excellence in Higher Education.

Kudos to 6 of our colleagues who worked during the last five years as Vice Chancellors/Pro Vice Chancellors of various universities – Professors Naresh Ved (Saurashtra University, Gujarat University, Bhavnagar University), Mahesh Yagnik (Saurashtra University), Amrapali Merchant (Dr Baba Saheb Ambedkar Open University), H C Trivedi (former Vice Chancellor of Bhavnagar University), Dr Manoj Soni (former Vice Chancellor of the MS University of Baroda and present VC of Dr Baba Saheb Ambedkar Open University), and ProfNKPatel (Pro-Vice Chancellor of Gujarat University). The University takes pride in the achievement of these learned professors. The University also takes pride in the fact that it has been declared one of the three best universities of India along side the University of Pune and Manipal University; and the then Honorable Vice Chancellor Dr Pravin J Patel was awarded the IBM Inspiring Vice

Chancellor of the year award 2005. This was during the Second Annual Conforace, EDUCON, 2005 Organized by IBM and SAKAL at Hydaradad during 12-14 Aug 2005.

The recognition gained by our faculty include office-bearer ships and memberships of policy planning and implementation committees of Government agencies like UGC, DAE, NBHM, DBT, DST Sahitya Academy, various universities in Gujarat and outside professional organizations, peer reviewer ship of research journals etc.

**Following described the reorganization and award on by our faculty in the year 2016-2017**

**(A) Name of the Fellowships/Honors/Recognition/Awards/Any other outstanding achievement of the teachers of the department in 2016-2017**

**DEPARTMENT OF BIOSCIENCES**

Name of the Teacher	
Prof. Datta Madamwar	Received International Bioprocessing Association (FIBA) Fellow Award at Jiangnan University, Wuxi, China during International Conference under International Bioprocessing Association 7 <sup>th</sup> International Forum on Industrial Bioprocesses, May 21-24, 2017
	Received Biannual BHU Centennial Award at BRSI International Conference at NEERI, Nagpur during Oct. 8-10, 2017
Dr. T.V.Raman Rao	Pratibha Puraskar Award in Science & Technology from Acharya Nagarjuna University during its 39th Foundation Day Celebration held on 30 <sup>th</sup> September 2016.
	Elected as a Fellow of Gujarat Science Academy (GSA) - ID: F274, YOI 2016.
	Award of Highly Cited Research in Postharvest Biology and Technology of ELSEVIER on 20 <sup>th</sup> December 2016.
Dr.Vasudev Thakkar	Dr. P. D. Shethi award for Best Research Paper on HPTLC ‘ Simultaneous detection and quantification of phytohormones by a sensitive method of separation in culture of <i>Pseudomonas</i> sp.’ Current Microbiology, Feb 2016.

**DEPARTMENT OF CHEMISTRY**

Name of Faculty	Name of the Fellowship/Honors/Recognition/ Awards/ Achievement
Dr. N. J. Parmar	ACS publications and RSC publishing Reviewing Activity awards
Dr. S. S. Soni	Fellow of American Chemical Society (Award)
Dr. H. M. Patel	Member of Editorial advisory board in International journal of bioorganic chemistry



Dr. P. N. Dave	Officiated as an External Examiner for M Sc Project Viva Voce Examination at Jamia Millia Islamia University, New Delhi on 26-05-2017.
	Nominated as Member, Joint Board of Studies in Science under Faculties of Technology & Engineering, Nirma University, Ahmedabad during 18-05-2017 to 17-05-2020.
	Nominated as Member, Board of Governors by Gujarat institute of Desert Ecology, Bhuj
Dr. K. R. Surati	Fellow member of "International Science congress"
Dr. J. H. Trivedi	Inclusion of Name in 10 <sup>th</sup> edition of 2000 outstanding intellectuals of the 21st Century
	Inclusion of Name in 38 <sup>th</sup> edition of Dictionary of International Biography

#### DEPARTMENT OF COMPUTER SCIENCE

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement with details.
Prof. D. B. Choksi	Dr. D.B.Choksi - Honored with inclusion of a biographical-note in 'Asia/Pacific Who's Who', Vol. XIV, published by Rifacimento International, 2016.
	Dr. D.B.Choksi - Honored with inclusion of a biographical-note in 'Emerald Who's Who in Asia', Vol. III, published by Rifacimento International, February, 2017.

#### DEPARTMENT OF MATERIALS SCIENCE

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement with details.
Dr. R.H.Patel	Reviewer of the international journal Polymer International

#### CENTRE FOR INTERDISCIPLINARY STUDIES IN SCIENCE AND TECHNOLOGY (CISST)

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement with details.
Dr. Rupal A. Vasant	<b>Assistant Editorial Member-</b> PRAJNA- Journal of Pure and Applied Sciences (Sardar Patel University Publications, Vallabh Vidyanagar)
	<b>Editorial Board Member-</b> Sardar Patel University Annual Report
	<b>Editorial Board Member:</b> Journal of Intercultural Ethnopharmacology (Scopemed Publications)
Dr. Kirtan P. Dave	Award for Establishment of Bioinformatics Labs as Nodal Officer (1-workstation, 5-computers, CLC genomic workbench software, MATLAB )

## DEPARTMENT OF PSYCHOLOGY

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement with details.
Prof.S.M.Makvana	<b>Awards :</b> Best Teacher of Psychology <b>J.P.A.President's Gold medal and testimonial Award</b> 2017 from National Seminar org. by Department of Psychology on March 18-19, 2017 <b>Achievement :</b> Fifth time elected of Sardar Patel University teacher Association a contributions of <b>Joint secretary of SPUTA-2016-17</b>

## DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement with details.
Dr. V. S. Vaishnav	<b>'Elsevier Reviewing Recognition'</b> received from the Editors of 'Applied Surface Science' an outstanding International Journal from Elsevier
Dr. V. S. Vaishnav	<b>Honoured with 'AmrutMahotsavParitoshik' from a Social Organization</b> "Vadnagara Nagar Mandal, Mumbai (an International Institute of Vadnagara Nagar Community) on 26-02-2017

## AGER-ECONOMICS RESEARCH CENTRE (AERC)

Dr. S. S. Kalamkar, Dr. M. Swain and Dr. S. R. Bhaiya	Prof. V S Vyas Prize award for the 'Best Research Report - <i>Estimation of Changes in Income and Cost of Production owing to Changes in Inputs and Hybrid Seeds for Major Crops of Gujarat</i> (Sponsored by Directorate of Economics and Statistics, Govt. of Gujarat, Gandhinagar, Report completed in 2014 & published in 2015) – by S. S. Kalamkar, Mrutunjay Swain, S. R. Bhaiya', Published by Agro Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar, Gujarat, Year 2015 (Ref : SPU. Notification no. G/22-G/1812, dated June 24, 2016) (received on July 1, 2016, 55 <sup>th</sup> AERC Foundation day, SPU)
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**(B) Specially Recognized Departments**

<b>Department of Bioscience</b> DBT-IBTCAS-I Department	<b>Department of Gujarati</b> UGC – SAP DRS Department
<b>Department of Physics</b> UGC SAP DSA-I Department	<b>Department of Hindi</b> UGC SAP DRS Department
<b>Department of Statistics</b> UGC – SAP DRS-II Department	<b>Department of Home Science</b> UGC SAP DRS Department UGC- Innovative Programme
<b>Department of Business Studies</b> UGC – SAP DRS-II Department	<b>Department of Mathematics</b> UGC - SAP – DRS-III Department DAE – NBHM – Regional Library

**(C) Fellowships**

<b>Sr No</b>	<b>Name of Fellow</b>	<b>Sr No</b>	<b>Name of Fellow</b>
1	Prof L M Manocha (Materials Science), FNASc, FGSA	12	Prof K S Rao, (Rtd) (Bioscience) FGSA
2	Prof (Mrs) S L Manocha(Rtd) (Materials Science), FGSA	13	Prof K C Patel, (Bioscience) FGSA
3	Prof A R Jani(Rtd) (Physics), FGSA	14	Dr R Subramanim, (Bioscience) FGSA
4	Prof K N Joshipura (Physics),(CISST), FGSA	15	Prof Kiran Kalia (Bioscience), FGSA
5	Prof Vinodkumar (Physics), FGSA	16	Dr V R Thakkar, (Bioscience) FGSA
6	Prof R M Patel(Rtd) (Chemistry), FGSA	17	Prof S J Bhatt(Rtd) (Mathematics) (CISST), FASc, FGSA
7	Prof D K Raval (Chemistry), FGSA	18	Prof R S Tikekar (Rtd) (Mathematics), FGSA
8	Prof J D Joshi(Rtd) (Chemistry), FGSA	19	Prof R D Mehta(Rtd) (Mathematics), FGSA
9	Prof H C Trivedi(Rtd) (Chemistry) FGSA	20	Prof D B Choksi (Computer Science), FGSA
10	Dr M P Patel, (Chemistry), FGSA	21	Prof Dr N V Sastry (Chemistry), FGSA
11	Prof Datta Madamwar (Boisciences), FGSA		

### 3.6 Consultancy

#### (1) Industrial Consultancy

##### DEPARTMENT OF CHEMISTRY

Name of Organization	Type of Consultancy (With area)
Elecon Engg., V.V.Nagar	Analytical testing services

#### (2) Academic Consultancy

Teachers in almost all the University Departments have been providing Honorary Academic Consultancy to Gujarat Textbook Production Board, various Research Journals as reviewers and referees on Editorial Boards, various funding agencies and Universities. They are also actively engaged in academic consultancy through involvement in various committees in academic organizations. The details for the year 2016-17 are as under:

##### DEPARTMENT OF BIOSCIENCES

#### (a) Contribution of the Teachers of the Department to the Corporate Life of the University (Participation in any academic, curricular, extra curricular activity with specific details such as membership in any committee, participation etc) during 2016-2017

Name of the Teacher	Nature of Contribution
Dr. K.C.Patel	Member-Building and Estate Committee
	I/C Chairman- Board of studies (Biosciences)
Dr. R.B. Subramanian	Took active part in revision of syllabi for M.Sc Biotechnology, Botany, Industrial Biotechnology and Biochemistry
PI: Dr. J. S. S. Mohan	Member in M.Sc. Syllabi framing committee, Departmental committees such as Finance, Purchase, Internal exam and academic programme, Botanical Garden, Anti-ragging etc
Dr. Amita Shah	Member of committee for using UGC revised merged scheme grant for Ph. D thesis publication.
	Member of departmental library committee, cleanliness committee, women cell.
Dr. Haresh Keharia	Member of API committee
	Member of Expert committee deciding Journals to be recommended for approval by UGC.
	Convener for preparation of NAAC RAR.
	Member of RUSA task force committee
Dr. Vasudev Thakkar	Participated in various events of (co-curricular activities) Sardar Patel University Biological Society (SPUBS)
Dr. Ujjval Trivedi	Member-API committee
	Member Board of studies, Science Faculty

## DEPARTMENT OF CHEMISTRY

Name of Faculty	Nature of Contribution
Dr. N. V. Sastry	Participated in the discussions and decision taking process as a member of F.E., senate, syndicate and academic council of S. P. University.
	Led the team to submit the NIRF data and AQAR of NAAC as coordinator, IQAC, S. P. University
	Presided over and guided the members in syllabus revision at the UG and PG level programs in chemistry
	Guided the teams for verifying the API for direct recruitment, CAS of faculty at SPU and also for the recruitment of principals, and propmtions in colleges / Institutes.
Dr. M. P. Patel	Besides the regular duties of teaching and research, I have served in various committees formed for conducting chemical society activities and annual day functions etc.,
	One of the committee members of “Discipline Committee” of Department of Chemistry.
	One of the committee members of “Placement Cell” of the Chemistry department.
	One of the committee members of Women cell of Department of Chemistry.
	One of the committee members of Purchase of instruments in Department of Chemistry.
	One of the committee members of Anti Ragging Committee in Department of Chemistry.
Dr. N. J. Parmar	One of the committee members of Departmental Library Committee.
	Rendered services in organizing scientific programs at department and university levels like seminar, conferences, workshops, youth festival programs, blood donation camps, convocation day, visits of various committees like NAAC CEAP etc
Dr. H. M. Patel	Active participation in conferences, seminars, workshops, symposiums etc held at department or any other places
	Rendered services in organizing scientific programs at department and university levels like seminar, conferences, workshops, youth festival programs, blood donation camps, convocation day, visits of various committees like NAAC CEAP etc
Dr. S. S. Soni	Active participation in conferences, seminars, workshops, symposiums etc held at department or any other places
	Work as a member of committee for revision of syllabus for M. Sc. Sem. I & II (Physical Chemistry)
Dr. P. N. Dave	Appointed and act as Board of Paper setters and Examiners in PS03CPHC04 & PS03CPHC05 Practicals Novemeber-2017 M Sc Semester-I Examination of Sardar Patel University, Vallabh Vidynagar.
	Appointed and act as Convener of the Board and Board of Paper setters and Examiners in PS01CCHE25 Practicals Novemeber-2017 M Sc Semester-I Examination of Sardar Patel University, Vallabh Vidynagar.
	Appointed and act as Convener of the Board and Board of Paper setters and Examiners in PS03CIP06 Viva Voce Novemeber-2017 M Sc Semester-III Examination of Sardar Patel University, Vallabh Vidynagar.
	Appointed and act as Board of Paper setters and Examiners in PS01CCHE03 Physical Chemistry-I, Novemeber-2017 M Sc Semester-I Examination of Sardar Patel University, Vallabh Vidynagar.
	Appointed and act as Board of Paper setters and Examiners in PS01CCHE23 Physical Chemistry-I, Novemeber-2017 M Sc Semester-I Examination of Sardar Patel University, Vallabh Vidynagar.

Dr. K. R. Surati	Member of chemical society
Dr. J. H. Trivedi	Board of Studies of Industrial Chemistry -Member
	Board of Studies of Chemistry -Member
	Board of Studies of Industrial Chemistry- I/C Chairman
	Scientific Equipment Committee (@Department Level)– Member
	Academic/Visiting Faculty Programme Committee (@Department Level)– Member
	Time Table Committee (@Department Level)– Member
	DIQAC committee (@Department Level)– Member
	Safety/Swachhata Committee (@Department Level)– Member
	Local Organizing Committee Member of UGC sponsored National Seminar on Current Scenario: Opportunities and Challenges in Chemical Science Research
Dr. N. P. Chikhaliya	Actively participated in extra curricular activities of and other functions of the department.
	Member Secretary, Purchase Committee (Chemicals and Consumable)
	Member, Academic/Visiting faculty programme committee
	Member Secretary, Anti-ragging and Discipline Committee

#### DEPARTMENT OF COMPUTER SCIENCE

Name of Teacher	Nature of Contribution
Prof. D. B. Shah	<ul style="list-style-type: none"> <li>✓ Worked as a member in the departmental <ul style="list-style-type: none"> <li>•DIQAC committee</li> <li>•Research committee</li> <li>•Purchase committee.</li> <li>•Women-grievance cell</li> <li>•Budget preparation committee</li> <li>•Examination committee</li> </ul> </li> <li>✓ Actively participated and worked as a team member in organizing lecture series on various topics.</li> <li>✓ Acted as resource person in state level Quiz competition at Computer Science department, SPU</li> <li>✓ Worked as an convener in state level Quiz contest, February 2017</li> <li>✓ Provided support to senior students of the department in in-house project development.</li> <li>✓ Working as a MC member for Computer Society of India Vallabh Vidyanagar Chapter.</li> <li>✓ Serving as an expert in faculty recruitment for many institutions.</li> <li>✓ Activities such as syllabus framing, paper setting, moderation of papers, and project viva for Sardar Patel University.</li> </ul>

Prof. D. B. Choksi	Dr. D.B.Choksi worked as a co-ordinator of the UGC Sponsored 39 <sup>th</sup> Refresher Course on ICT Applications (14-11-2016 to 04-12-2016) organized by the UGC Human Resource Development Centre (HRDC) of Sardar Patel University..
	Dr. D.B.Choksi worked as a member of the University Journal PRAJNA – A Journal of Pure and Applied Sciences, published by the Sardar Patel University.
Prof. P. V. Virparia	<p>Member: Board of Sports and Welfare, Sardar Patel University</p> <p>Editor : National Journal of System and Information Technology</p> <p>Editor-in-Chief: International Journal of Research and Reviews in Information Security and Privacy</p> <p>Member of Advisory Editorial Board: Research@ICT: Int Journal of Information and Computing Technology</p> <p>Member of Editorial Board :</p> <ul style="list-style-type: none"> <li>- International Journal of Computer Applications</li> <li>- National Journal of Engineering and Science : Editorial Board</li> </ul> <p>Associate Editor :</p> <ul style="list-style-type: none"> <li>- International Magazine on Advances in Computer Science and Telecommunications</li> </ul> <p>Reviewer: - International Journal of Advanced Research in Computer Science</p> <ul style="list-style-type: none"> <li>- World of Computer Science and Information Technology Journal</li> <li>- Universal Journal of Computer Science and Engineering Technology</li> <li>- International Journal of Advanced Computer Science and Applications</li> <li>- National Journal of Computer Science &amp; Systems</li> </ul>
Prof. P. S. Sajja	Director: University Granth Nirman Board, Gujarat (Committee formed by Hon'ble Governor on the recommendation of Hon'ble Chief Minister)
	<p>Member</p> <ul style="list-style-type: none"> <li>• Board of Studies in Computer Science, Sardar Patel University (Local)</li> <li>• Board of Studies Texila American University (International)</li> <li>• Research Progress Committee, North Maharashtra University, Jalgaon (National)</li> <li>• Computer Society of India, Sr. Life Member, and Secretary of VVNagar Chapter (Local)</li> <li>• IAENG: International Association of Engineers (Member No: 63083) (International)</li> <li>• Organization for Women in Science for the Developing World (OWSD), (International)</li> </ul>
	<p>Associate Editor</p> <ul style="list-style-type: none"> <li>• International Journal of Computer Science &amp; Applications, India</li> <li>• International Magazine on Advances in Computer Science and Telecommunications, Republic of Macedonia</li> <li>• International Journal of Computational Intelligence Techniques, UK</li> <li>• INFOCOMP Journal of Computer Science, Brazil</li> <li>• International Journal of Information and Computing Technology, India</li> </ul>

	<p>Editorial Board Member</p> <ul style="list-style-type: none"> <li>• Soft Computing, Springer Berlin, Germany</li> <li>• Information Sciences, Elsevier</li> <li>• Interdisciplinary Journal of Information, Knowledge, and Management, USA</li> <li>• Journal of Information, Information Technology, and Organizations, USA</li> <li>• Scientific Journals International, USA</li> <li>• International Journal of Computer Science &amp; Emerging Technologies, UK</li> <li>• International Journal of Advances in Computer &amp; Information Engineering, India</li> <li>• International Journal of Data Mining and Emerging Technologies, India</li> <li>• International Journal of Soft Computing, AIRCC</li> <li>• International Journal of Computers and Application, Canada</li> <li>• Standing committee member for our International e-Journal &amp; e-Conference to upgrade quality standards. <a href="http://www.texilaconference.org">www.texilaconference.org</a></li> <li>• International Journal of Advanced Research in Management, Engineering and Technology (IJARMET), July 15, 2016</li> <li>• Programme Committee Membership</li> <li>• International Conference on Informatics in Control, Automation and Robotics (ICINCO 2016), Lisbon, Portugal, 29-31 July 2016</li> <li>• IEEE International Conference on Advances in Computing Communication and Automation, 30 sept to 01 Oct 2016, Faculty of Engineering and Technology, MJP Rohilkhand University, Bareilly</li> <li>• Second IEEE International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN 2016), Special Session on Computational Intelligence paradigms for Data mining and Knowledge discovery (CIDK 2016) in ICRCICN 2016.</li> <li>• IDEA-2k17: International Conference on Data Engineering and Applications 2017</li> <li>• IJITCS1: International Journal of Information Technology and Computer Science</li> <li>• ICTIS 2017 : International Conference on ICT for Intelligent Systems</li> <li>• SI-IJCSA2017 : Special Issue IJCSA 2017</li> <li>• ICCIDE 2017: International Conference on Computational Intelligence and Data Engineering</li> <li>• icSoftComp-2017: International Conference on Soft Computing and its Engineering Applications</li> <li>• IEEE International Conference on Advances in Computing, Communication and Automation, 30 sept to 01 Oct 2016</li> <li>• International Conference on Industrial Automation, Robotics and Control Engineering (IARCE 2017 <a href="http://www.iarce.org/">http://www.iarce.org/</a>), Budapest, Hungary,</li> <li>• Also worked as a resource person to KCG and various committees at department and university level.</li> <li>• Acted as a session chair as well as reviewer for the National conference on Recent Advances in Computer Science and</li> </ul>
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	<p>Technology -2016, organized by Dept of Comp Engg, GCET, CVM, Vidyanagar and CSI. On 4-5 October, 2016</p> <ul style="list-style-type: none"> <li>• Acted as a judge of the paper presentation competition at NVPAS , state level IT competitions, TechnoAstrum, Jan.17</li> <li>• Acted as a judge of the Chakravayuh at AIIS, state level IT competitions, 11th February 2017.</li> </ul> <p>Reviewer</p> <ul style="list-style-type: none"> <li>• International Journal of Big Data and Analytics in Healthcare (IJBDAH).</li> <li>• International Journal of Data mining and Emerging Technology, Indian journals(2249-3212)</li> <li>• Springer journal Springer Journals://LREV.edmgr.com/</li> <li>• International Journal of Communications, Network and System Sciences (IJCNS) Editorial Board and Scientific Research Publishing (<a href="http://www.scirp.org/journal/ijcns">http://www.scirp.org/journal/ijcns</a>)</li> <li>• International Journal of Knowledge Engineering and Soft Data Paradigms (IJKESDP)</li> <li>• International Journal of Bio-Inspired Computation (IJBIC), Inderscience</li> <li>• JSEA Editorial Office, Scientific Research Publishing, Email: <a href="mailto:jsea@scirp.org">jsea@scirp.org</a>, <a href="http://www.scirp.org/journal/jsea">http://www.scirp.org/journal/jsea</a></li> <li>• International Journal of Communications, Network and System Sciences (IJCNS) Editorial Board and Scientific Research Publishing (<a href="http://www.scirp.org/journal/ijcns">http://www.scirp.org/journal/ijcns</a>) 24th July, 2016</li> </ul>
Mr. B. B. Patel	Member, Board of Studies in Computer Science
	Member, Annual Report preparation committee (Sardar Patel University)
	Placement Officer, Sardar Patel University
	Member, Pariksha Sucharu Sanchalan Committee, Sardar Patel University
	Placement Officer, Sardar Patel University
Dr. J. V. Smart	Member, Board of Studies in Computer Science
	Member, Autonomy Committee for MCA Examinations

## DEPARTMENT OF ELECTRONICS

Sr No	Nature of Contribution
Dr. V. S. Vaishnav	
1.	Worked as a Member, Convocation Committee, Sardar Patel University, held on 15 <sup>th</sup> December, 2016
2.	Worked as a Member, Selection Committee for the selection of students for Sri ArvindDarshan Adhyayan Shibir at Pondicherry to be organized by Sri Aurobindo Chair of Integral Studies, Sardar Patel University.
Dr. Shahera S. Patel	
1	Member – Board of Studies ( Electronics), S.P.University

**DEPARTMENT OF HOME SCIENCE**

Name of Teacher	Nature of Contribution
Dr. V.H.Patel	Member of Board of Studies in Food Science and Nutrition at SNDT Women's University, Mumbai.
	Member of Board of Studies in Home Science and Nutrition at S.D Agricultural University, Dantiwada.
	Expert Member for Round Table Group Discussion on Composite Dairy foods on 21 <sup>st</sup> January 2017
	Ph. D Examiner at T. M. Bhagalpur University, Bhagalpur.
	Moderator for Question Paper for three Subjects of B. Tech Dairy technology at Anand Agricultural University, Anand
	Expert for the Evaluation of thesis for the Chancellor's Gold Medal at S.D Agricultural University, Dantiwada.
Dr. Rema Subhash	I/c Director, Women's Studies Centre
Dr. Namrita Kola	I/c Dy. Director, Women's Studies Centre

**DEPARTMENT OF MATERIALS SCIENCE**

Name of the Teacher	Nature of Contribution
Dr(Miss)R.H.Patel	Worked as Chairman of board of study of Materials Science, Chairman of D-IQAC, Chairman of DRC, member of library committee, University IQAC, Member of women cell, Member, S.P.University Dept/college development committee, Science faculty, Senate member, Academic council, Co-ordinator of university Materials Science external examination, Evaluated the dissertation work of M.Sc. Materials Science IV <sup>th</sup> semester students, Framing of M.Sc. course work, purchase committee and as and when required. Worked as Co-ordinator and conducted the S.P. University M.Sc. Examination Central assessment March/April-2017
Dr.N.M.Batra	Was associated with organization of different academic and curricular, extra curricular activities like organization of workshop, internal examination, seminars, welcome party, farewell gathering, navaratri festival, gathering of passed out students on convocation day, kite festival etc. time to time organized by the department.

**DEPARTMENT OF MATHEMATICS**

Name of the Teacher	Nature of Contribution
P A Dabhi	taught a course to the students of M.Sc. at CISST
S J Ghevariya	taught a course to the students of M.Sc. at CISST
J G Mehta	taught a course to the students of M.Sc. at CISST

## DEPARTMENT OF ELECTRONICS

Name of the Teacher	Nature of Contribution
Prof. M.P.Deshpande	Contributing in examination duties and board of studies, Member of Purchase committee of the department and Departmental Research Committee (DRC), Member of DIQAC, Committee for Scrutiny of Journals to be submitted to UGC.

## DEPARTMENT OF HISTORY

Name of the Teacher	Nature of Contribution
Dr. J.M. Pandya	Chairperson, Board of Studies, History
	Serving as Member, Sr.Supervisor, External Exam, SPUniv.VVNagar
Dr. D.C. Chaudhari	Participation as member, Flying Squad, External Exam, S.P.Univ., Investigator External & Internal, Exam of the University, Active participation in organizing annual day celebration study for youth festival etc.
Dr. Hemant Dave	(1) Editorial Board, Sheel Shrutam, (2) Editorial Board, Prajna, (3) Member of Radio Campus Committee

## DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Name of Teacher	Nature of Contribution
Dr.N.D.Oza	Participation in the academic visit with the students of BLISc and MLISc at various Libraries at Ahmedabad and Gandhinagar
	Participated in Syllabus restructuring Committee
	Resource person for Life Enrichment Studies and Soft Skill paper under CBCS Courses in the Department
Dr. J.C.Makwana	Given Guidance in questionnaire for Ph.D.
	Attended seminar and participated in Librarian's Day organized by ADINET Ahmedabad, with BLISC & MLISc Students
	As a member successfully organized a "Teacher's Day Programme
	As a member successfully organized a "Dr. S. R. Rangnathan Day Programme
	As a member successfully organized a "Gurupurnima Day" Programme
	Attended library orientation programme at Bhaikaka Library, SPU Vallabh Vidyanagar, with BLISC & MLISc Students
	Visited University Museum with BLISc & MLISc Students
	As a member successfully organized study tour & visited various libraries situated in and around Ahmedabad and Gandhinagar
Dr. J.C.Makwana	Attended Healthy Campus Initiative by Department of Social Work, S. P. University
	As a member sent 2 students for trial based selection for Badminton Competition organized by PG Central Gymkhana

Dr. L.N. Zala	Samitee, SPU
	Role as a junior supervisor in university exam in Sardar Patel University
	Member of Admission Committee under the chairmanship of Dr. N.D. Oza at Department of Library & Information Science
	Examiner/Evaluator for the VIVA Voice for the course entitled Master of Library & Information Science at Gujarat Vidyapith
	Acted as a paper setter for the course of Master of Library & Information Science at Gujarat University
	Role in organizing study tour to different libraries in Ahmedabad and Gandhinagar on 15 <sup>th</sup> March 2017
	Role as junior supervisor in university exam in Sardar Patel University examination
	Given guidance in questionnaire for Ph.D, Saurashtra University

#### DEPARTMENT OF POLITICAL SCIENCE

Name of the Teacher	Nature of Contribution
Prof. Agja	Joint secretary Indian Institute of Public Administration Local branch, Vallabh Vidyanagar, Gujarat
	Life Member & Member Executive, Gujarat State Scheduled caste- Scheduled tribes College and University Teacher's Association, Surat
	Member, Advisory Committee Dr. Babasaheb Ambedkar Chair, Sardar Patel University, Vallabh Vidyanagar
	Member, Advisory Committee at University Level, UGC Establishment of Special Cell for SC/ST in Sardar Patel University, Vallabh Vidyanagar
	Member of Exam Reform Unit, Sardar Patel University, Vallabh Vidyanagar
	Member of The Faculty of Arts Sardar Patel University, Vallabh Vidyanagar

#### DEPARTMENT OF PSYCHOLOGY

Name of the Teacher	Nature of Contribution
Prof.S.M. Makvana	External assignment assessment, Senior Supervisor: University Press, Flying Squad, Dissertation evolution, As a member of RDC for Counseling of the Ph.D., student, Convener, paper setter and examiner in different university of different examination.
	Paper setter and examiner, Supervisor in Examination of Humanities. External Examiner M. Phil degree. Evaluation of PH.D Thesis as external examiner, Besides the regular duties of teaching and research, Member of the committee to reframe the syllabus for M.A. I to IV Semester and CBCS, Local Committee member: SC/ST/OBC/HP/EBC and other student Scholarship Guidance, Participated and presented of research paper different conference and seminar.
	Participation and Presentation of research paper in academic IAAP-21 <sup>st</sup> to 23 <sup>rd</sup> January- 2015- An international conference -Chairing session of UGC sponsored National and Internal conferences as a UGC Sponsored two day National seminar

	Anand Arts college, Anand. 50 <sup>th</sup> national and 19 <sup>th</sup> International conference of IAAP-Tirupati-Andhra Pradesh-January-2015. One day workshop organize “Statistical computing through software” by SPUTA and SPU, Organizing committee member-26/12/2014
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#### DEPARTMENT OF SOCIOLOGY

Name of the Teacher	Nature of Contribution
Prof. Ramesh Makwana	Subject expert in Board of Studies, M.S. University, Vadodra. 2016.

#### DEPARTMENT OF ECONOMICS

Name of the Teacher	Nature of Contribution
Dr. Kinjal Ahir & Dr. J. K. Barot	Participated in the International Conclave on Higher Education at Mahatma Mandir, Gandhinagar, Gujarat on 18.10.16
Dr. Kinjal Ahir	Served as an external examiner for Viva Voce for module 5 Sem 1 of MBA program, GTU invited by Tolani Institute of Management Studies Adipur.
	Member of the committee for Presentations, Preparation and Finalization for NAAC peer Team constituted by IQAC, SPU. The committee looked into all the presentations presented before the NAAC 2016 visit meticulously
Dr. Sonal Bhatt	Acted as Session co-Chairperson in the session on ‘Education and Human Development’ in the National seminar on Human Development: Issues and Challenges in India organized by G.H. Patel Post Graduate Institute of Business Management and Post Graduate Department of Economics, Sardar Patel University, Vallabh Vidyanagar on January 21, 2017.
Dr. J. K. Barot	Acted as Session Co-Chair, 2 <sup>nd</sup> International Conference on Applied Economics and Business, Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir during 28-29 July, 2016
	Acted as Rapporteur at International Institute for Development Studies, Australia and Department of Human Resource Development, VNSGU & Vishlesh Trust, Surat
Dr. Vijay S. Jariwala	Acted as Session Co-Chair, 2 <sup>nd</sup> International Conference on Applied Economics and Business, Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir during 28-29 July, 2016
	Acted as Session Chair, 2 <sup>nd</sup> International Conference on Applied Economics and Business, Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir during 28-29 July, 2016
	Acted as Co-chairperson at International Institute for Development Studies, Australia and Department of Human Resource Development, VNSGU & Vishlesh Trust, Surat

### DEPARTMENT OF BUSINESS MANAGEMENT

Sr No	Nature of Contribution
1	Member of committee for Research on Adarsh Gram Yojana, S.P.University, Member of Board of study in Sardar Patel University, Member of Research committees at South Gujarat University, Rai University and C.U.Shah university, Wadhvan, Editor- Synergy-Journal of Management, Sardar Patel University
2	Member of preparation committee of KCG AAA visit
3	Member of preparation committee of NAAC visit
4	Member of committee for calculating API
5	External Expert for Promotion interview of officer in Center for Analysis and Learning in Livestock and Food (CALF), NDDB, Anand on 15 December 2016
6	Subject Expert in selection Committee DDU Kaushal Kendra, Department of Vocational Studies (UGC Sponsored), Anand on 17 October 2016
7	Student's Cultural activity of the Inter-University Youth Festival
8	Member of venue preparation team for Convocation, December, 2016
9	Co-ordinator for Vibrant Gujarat – 2017 from 9 <sup>th</sup> to 13 Jan 2017
10	Inviting Organizations for Campus Placement for MBA students
11	Conclave Director, National HR Conclave, Global trends and practices in Human Resources – 4 <sup>th</sup> March 2017 ( Seminar Preparation )
12	Co-ordinator for Student Startup Innovation Policy 4/05/2017
13	Board of Studies Meeting 28/12/2016

### DEPARTMENT OF ENGLISH

Name of the Teacher	Nature of Contribution
Dr R K Mandalia	Chairman, Board of Studies in English, Sardar Patel University, Vallabh Vidyanagar
Dr P J Dave	Member, Board of Studies in English, Sardar Patel University, Vallabh Vidyanagar
Mr M R Solanki	Member, Board of Studies in English, Sardar Patel University, Vallabh Vidyanagar

### DEPARTMENT OF GUJARATI

Name of the Teacher	Nature of the Contribution
Param Pathak	Worked as a Chief Edition of ShilShrutam: News bulletin of Sardar Patel Uni., VVN

Dr. Pinakini Pandya	Sanet Member, SPU
	Convener, Women Cell, SPU
	Convener, Community Radio Station, SPU

#### DEPARTMENT OF SANSKRIT

Name of the Teacher	Nature of Contribution
Prof. Dr. Niranjn Patel	1. Editor, 'Pragna' University Journal, Sardar Patel University

#### AGRO – ECONOMIC RESEARCH CENTRE

Name of the Teacher	Nature of Contribution
Dr. S. S. Kalamkar Director & Professor, AERC,SPU,VVN	<ul style="list-style-type: none"> <li>• Worked as a Member of Executive Council of Gujarat Economic Association (GEA), Anand.</li> <li>• Worked as a Member, Board of Governors, India Natural Resource Economics and Management (INREM) Foundation, Anand 388001, Gujarat (since August 2014).</li> <li>• Worked as a Member, Expert Committee on Minimum Support Prices, Directorate of Agriculture, Government of Gujarat (Ex-Officio Member) (since July 5, 2012).</li> <li>• Member, Advisory Board, Artha Vikas (ISSN: 0004-3567) (Biannual Journal of Economics, Department of Economics, S P University, Vallabh Vidyanagar) (since 2014).</li> <li>• Worked as member of Editorial Board of “<i>International Journal of Social Science</i>”, (ISSN 2249-6637), Visva-Bharati Shantiniketan, published from New Delhi Publishers, New Delhi.</li> <li>• Worked as a Member, Smart Village Scheme- Anand district, Government of Gujarat (since April 7, 2016).</li> <li>• Worked as Deputy Election Officer of Senate Election 2017 (Registered Graduate) of Sardar Patel University, Vallabh Vidyanagar on 05.02.2017.</li> <li>• Worked as Deputy Election Officer of Senate Election 2017 (Head Master and Secondary Teacher) Sardar Patel University, Vallabh Vidyanagar on 19.02.2017</li> </ul>
Dr. M. Swain Research Officer (S.S.) AERC, SPU, VVN	Worked as Officer In-Charge, AERC and CCS, as and when required, during the absence of Director, AERC
Dr. S. R. Bhaiya, Field Officer, CCS AERC, SPU,VVN	Worked as Officer In-Charge, AERC and CCS, as and when required, during the absence of Director, AERC

### M B PATEL COLLEG OF EDUCATION

Name of the Teacher	Nature of Contribution
Dr. N. D. Bharucha	Pujaya Mota chair (Co-Ordinator )
	University RAR Preparation For NAAC (Mamber Criterion IV )
	Bord of studies in Education (Member )
Dr. D. A. Mahida	Member of Preparing RAR for NAAC Visit of S.P.University.
	Worked specyficly for writing Criterion-IV of RAR

**(b) Impact of Significant Contributions of the Teachers of the Department on Thrust Areas Such as National Project in terms of project consultancy/membership of the advisory committee during 2016-2017**

### DEPARTMENT OF BIOSCIENCE

Dr. R.B. Subramanian	Developed methods for protein engineering of enzymes cellulose and xylanase for use in lignocelluloses degradation
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### DEPARTMENT OF CHEMISTRY

Name of Faculty	Impact
Dr. N. V. Sastry	Member of Project Implementation Committee (PIC) of UGC - National Resource Centre, School of Chemistry, University of Hyderabad, Hyderabad. Contributed in the discussions at the meetings to strengthen the various activities such as summer projects, winter schools, lecture visits etc of the NRC. In a recent meeting requested the NRC to organize a workshop at our university for research students and young faculty members
	Running and implementing UGC - CPEPA program as chief coordinator. Prepared the annual progress report and conducted first advisory committee meeting. Arranged for the preparation of technical specifications of major equipment for tendering on n-procure. Conducted several sessions with the vendors and our purchase committee for the finalization of specifications. The process of procuring the equipments is in progress.
Dr. N. J. Parmar	Working under different research project Schemes of national funding agencies like DST, UGC, SERB etc. provides opportunities, not only to shape the knowledge of the subject but to explore the same with new dimensions in the interest of scientific community world over
	Output of project work appeared in many leading scientific research journals of international repute as publications, and so reflecting its greater impact on world scientific and communities through citations in other international journals
Dr. H. M. Patel	Working under SERB research project Schemes to enhance the shape of Green Synthetic Chemistry with Bioavailability



Dr. K. R. Surati	Patent Filing of our research outcome “Novel Ir(III) complexes as phosphorescence harvesting materials” with Technology Information, Forecasting & Assessment Council (TIFAC), New Delhi, (Ref. no. T.I.(61)/TIFA/2015) dated 13th April, 2015.
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#### DEPARTMENT OF COMPUTER SCIENCE

Name of the Teacher	Impact
Prof. D. B. Shah	• Member of Board of Studies
	• Member of Research Committee at S P University

#### DEPARTMENT OF MATERIALS SCIENCE

Name of the Teacher	Impact
Dr. R.H.Patel	Member of advisory committee of Centre with Potential for Excellence in Particular Area (CPEPA) in Applied Polymers
Dr. R.H.Patel	Member of advisory committee of adhoc board of CISST

#### DEPARTMENT OF MATHEMATICS

Name of the Teacher	Impact
A H Hasmani	Worked as an expert in Preparation of Fundamental Glossary (English-Hindi-Gujarati) of Mathematics Terminology by Commission for Scientific and Technical Terminology, MHRD during 27 – 31 May 2016.
P A Dabhi	Worked as an expert in Preparation of Fundamental Glossary (English-Hindi-Gujarati) of Mathematics Terminology by Commission for Scientific and Technical Terminology, MHRD during 27 – 31 May 2016.

#### DEPARTMENT OF PHYSICS

Name of the Teacher	Impact
Prof. P.C.Vinodkumar	National Organizing committee member of the 61 <sup>st</sup> DAE-BRNS Symposium on Nuclear Physics
	Reviewer of the Project proposals submitted to SERB- DST, Govt. of India

#### DEPARTMENT OF BUSINESS MANAGEMENT

Name of the Teacher	Impact
Dr. R.M.Rathod	Worked as Selection Panel; Member for the Academic Position at Gujarat National Law University, Gandhinagar, 8 March 2017

	Have been included in Programme Production Committee of Community Radio of Sardar Patel University on 3/1/2017
	Subject Expert in evaluating Pre submission Ph.D. thesis at R K University, 14/5/2016
	Ph.D. Thesis Seminar, evaluated Progress of Ph.D. Scholar 14/5/2016
	Served as Expert in interview for teaching faculty at Vinayaka College of IT and Management, Nadiad
	Opted as member working on seven NAAC criteria, I have been opted by criteria-III Research and also worked as member in Central Repository Committee during NAAC visit

#### DEPARTMENT OF SANSKRIT

Sr No	Impact
1	Member of Advisory Committee as UGC Expert Nominee of (a) Department of Microbiology, M S University, Vadodara (b) Department of Microbiology, Kakatiya University, Warangal (c) Department of Biochemistry, Shivaji University, Kolhapur (d) Department of Biosciences, Veer Narmad South Gujarat University, Surat
2	Member of Biotechnology Council of Government of Gujarat, Gandhinagar
3	Member of Governing Body of Gujarat State Biotechnology Mission, Gandhinagar
4	Member of Technical Board of Gujarat State Biotechnology Mission, Gandhinagar
5	Member of Board of Management of Sardar Patel Renewable Energy Research Institute, Vallabh Vidyanagar
6	Member of Advisory Committee of Gujarat Pollution Control Board, Gandhinagar, for the Purchase of Scientific Instruments
7	Member of Biosafety Committee of M/s Zydus Cadila Healthcare Ltd, Ahmedabad
8	DBT Nominee for the Institutional Biosafety Committee of (a) Indian Institute of Advance Research, Gandhinagar (b) M/s Alembic Limited, Vadodara

(c) Executive Membership of the Teachers of the Department in any Academic, Government, Non-Government Organization during 2016-2017

#### (3) Processes Developed/ Released by the Postgraduate Departments

#### DEPARTMENT OF BIOSCIENCES

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/Government/Non-
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			Government
Prof. Datta Madamwar	Member of Board of Management & Member of Staff Committee	Sardar Patel Renewable Energy Reseach Institute (SPRERI), Vallabh Vidyanagar	Non Government Research Organization
	Scientific Advisor	Charutar University of Science and Technology, (CHARUSAT) Changa	Academic
Dr. R.B. Subramanian	Biotech Research Society of India	V V Nagar chapter	Biotech Research Society of India
PI: Dr. J. S. S. Mohan	Member Accreditation for NCS-TCP	Biotechnology Consortium Limited, Department of Biotechnology, New Delhi	Government of India
Dr. Sujata Subhash Bhatt	Member	Indian Institute of Sciences	Society of Biological Chemists
	Member	Association of Biotechnology and Pharmacy, Nagarjuna University, AP	Academic
Dr. Haresh Keharia	Life Member	Association of Microbiologist of India	Academic
	Life Member	Biotech Research Society of India	Academic
Dr. T.V.Raman Rao	Fellow	Andhra Pradesh Akademi of Sciences (APAS)	Non-Government
	Fellow	Gujarat Science Academy (GSA)	Non-Government
Dr. M. Natraj	Member	Vigyan Gurjari, A-V Unit, Gujarat	Scientific group

#### DEPARTMENT OF CHEMISTRY

Name of Faculty	Name of the Position	Name of the Organization	Nature of the Organization Academic/Government/Non-Government
Dr. M. P. Patel	Life Member	The Society for Polymer Science (SPS), New Delhi, India	Academic
		Indian Council of Chemist (ICC), Agra, India	Academic
		The Indian Society of Analytical Scientist, India (ISAS)	Academic
		Society for Materials Chemistry, India	Academic
	Member	Board of Study (Chemistry), Sardar Patel University	Academic
		Board of Study (Material Science), Sardar Patel University	Academic
		Adhoc PG Board of Study (Chemistry)	Academic

		The committee to reframe the syllabus for M. Sc. Chemistry, Sardar Patel University.	Academic
	Member	The committee to reframe the syllabus for M. Sc. Material Science, Sardar Patel University.	Academic
		The committee to reframe the syllabus for M. Sc. Chemistry as per CBCS	Academic
		Evaluation and screening committee for promotion under UGC CAS program of V. P. and RPTP Sci. College.	Academic
	Secretary	Sardar Patel University Teacher Association (SPUTA)	Non-Government
	Advisory committee member	JCI Milkcity, Anand	Non-Government
	Executive Member	17 Gam Patidar Samaj, Anand	Non-Government
	Member Secretary	Departmental Self-finance committee	Academic
	Member	Departmental IQAC, committees	Academic
Dr. N. J. Parmar	Member	Departmental Research Advisory Committee	Academic
		Sardar Patel University Teacher Association	Academic
		Advisory board of SC/ST cell, S.P. University	Academic
		University IQAC API Committee	Academic
		Women Cell, S.P. University	Academic
		Departmental Library Committee	Academic
Dr. S. S. Soni	Member	Board of Studies (Chemistry)	Academic
Dr. H. M. Patel	Member	American Chemical Society, U. S. A.	Academic
	Associate Member	Royal Society of Chemistry, U. K.	Academic
	Member	Indian Chemical Society	Academic
		The Association of Chemical Technologist of India	Academic
		Sardar Patel University Teacher Association	Academic
		Advisory board of SC/ST cell, S.P. University	Academic
		Departmental Library Committee	Academic
Dr. J. H. Trivedi	Life Member	Association of Carbohydrate Chemists and Technologists (ACCT), India	Academic
	Life Member	Asian Polymer Association (APA)	Academic
	Life Member	Society of Polymer Science, India (SPSI)	Academic

	Life Member	Him Science Congress Association (HSCA)	Academic
	Life Member	Indian Council of Chemists	Academic
	Life Member	Society for Materials Chemistry	Academic

#### DEPARTMENT OF COMPUTER SCIENCES

Name of Teacher	Name of the Position	Name of the Organization	Nature of the Organization Academic/ Gov. / Non-Gov
Prof. D. B. Shah	Life Membership	Computer Society of India	Non-Government
	Member	Board of Studies in Computer Science at Sardar Patel University	Academic
	Member	PG Teacher Recognition Committee of Sardar Patel University	Academic
	Research Committee Member /Expert Member of RDC Panel	Sardar Patel University, Ganpat University	
Prof. D. B. Choksi	Nomination Committee Member	Computer Society of India, V.V.Nagar Chapter	Professional Body
	Invited Technical Expert	ICT Policy Advisory Committee of the M.S.University of Baroda	Academic
	Advisory Committee member	N.V.Patel College of Pure and Applied Sciences, V.V.Nagar.	Academic
	Board of Management member	ISTAR, V.V.Nagar	Academic
	Advisory Committee and Academic Council member	ITM Universe, Vadodara	Academic
	Expert Member of RDC Panel / Doctoral Research Committee	Gujarat University, V.N.South Gujarat University, D.D.University, Charusat, Kadi Sarva Vishvavidyalaya, Ganapat University, Gujarat Technological University, S.P.University	Academic
	Member	Ad-hoc Board of Studies in Biomedical Science and technology & Defense Science & Technology at Sardar Patel University	Academic
	Member of Board of Studies in Computer Science	S.P.University, D.D.University (Nadiad), Charusat (Changa), M.S.University, Parul University, Anand Agricultural University, V.N.South Gujarat University.	Academic
	Member of PG Teacher Recognition Committee	Sardar Patel University	Academic
	Member	DST PURSE Programme Advisory Committee /Implementation/Monitoring/Equipment Purchase Committee, Sardar Patel University	Academic

Prof. P. V. Virparia	Expert Member of RDC Panel / Doctoral Research Committee	Charusat, Kadi Sarva Vishvavidyalaya, Ganapat University, S.P.University, R K University	Academic
	Chairman	Board of Studies in Computer Science at Sardar Patel University	Academic
	Member of Board of Studies in Computer Science	Bhavnagar University, North Gujarat University.	Academic
	Convener	PG Teacher Recognition Committee of Sardar Patel University	Academic
	Chairman, Vallabh Vidyanagar Chapter	Computer Society of India	Non-Government
Prof. P. S. Sajja	Director	University Granth Nirman Board, Gujarat	Government
	BOS Member	Board of Studies in Computer Science, Sardar Patel University	Academic
	BOS Member	Board of Studies Texila American University	Academic, International
	Member	Research Progress Committee, North Maharashtra University, Jalgaon	Academic, National
	Secretary, V V Nagar Chapter	Computer Society of India	Non Government
	Member	IAENG: International Association of Engineers (Member No: 63083)	Non Government - International
	Member	Organization for Women in Science for the Developing World	Non Government – International
Dr. J. V. Smart	Hon. Treasurer, Vallabh Vidyanagar Chapter	Computer Society of India	Non-Government
Dr. B. V. Patel	Reviewer	International Journal of Research in Engineering and Technology (IJRET)	Academic
	Reviewer	SmartTech-2017 Conference Organized by Amity University, Jaipur in March 2017	Academic
Dr. H. B. Pandit	Reviewer	International Journal of Research in Engineering and Technology (IJERT)	Academic

#### DEPARTMENT OF ELECTRONICS

Name of teacher	Name of the Position	Name of the Organization	Nature of the Organization Academic/ Government/ Non-Government
Dr. B.H.Patel	Life Member	Semiconductor Society of India	Academic
	Life Member	Indian Association of Crystal Growth	Academic

	Life Member	Indian Society of Technical Education	Academic
	Member	Academic council, SPU, VVNagar	Academic
	Member	Senate, SPU, VVNagar	Academic
	Chairman	Board of Studies of Electronics, SPU, VVNagar	Academic
Dr. V. S. Vaishnav	Member, Board of Management	C U Shah University, Wadhwan City	Academic
	Member, Core Group	International Centre for Synthesis of Science and Spirituality	Non- Government
	Member, Executive Committee	Sri Aurobindo Sadhana Kendra, Vallabh Vidyanagar	Non-Government
Dr. Sahera S. Patel	Life Membership	Indian Society for Technical Education ( I .S.T.E . )	Academic
	Life Membership	Indian Physics Association ( I . P. A . )	Academic
	Life Membership	Society for Materials Chemistry, India.	Academic
	Editorial board Review committee member	International Journal of Scientific and Engineering Research.( IJSER )	Academic
	Editorial board Review committee member	International Journal of Recent and Innovation Trends in Computing and Communications (IJRITCC)	Academic
	Editorial board member	International Journal for Research in Applied Science and Engineering Technology ( IJRASET )	Academic
	Editorial board member,	International Journal of Science and Research ( IJSR )	Academic
	Editorial board member	Journal of Material Science and Surface Engineering (JMSSE).	Academic
	Editorial board committee member,	International Journal of Advance research in Computer Science and Management (IJARCSMS).	Academic

#### DEPARTMENT OF MATERIALS SCIENCE

Name of Teacher	Name of the Position	Name of the Organization	Nature of the Organization Academic /Government /Non-Government
Dr. V.H.Patel	Life Member	Indian Dietetics Association	Academic
	Life Member	Association of food Scientists & Technologists(India)	Academic
	Life Member	Indian Society of Agricultural Biochemists	Academic
	Life Member	Nutrition Society of India	Academic
Dr. Namrita Kola	Member	Home Science Association of India	Academic
	Member	The Textile Association(India)	Academic
	Member	Alumni Association of Clothing & textile Department, Faculty of family and Community Science, M. S. University.	Academic
	Fellow	Hind Agri-horticulture Society	Academic

## DEPARTMENT OF MATHEMATICS

Name of the Teacher	Nature of Contribution
A H Hasmani	Member, Board of Studies in Mathematics, CHARUSAT, Changa worked as a translator of “Question Bank of Mathematics” prepared by Gujarat State Textbook Board, Gandhinagar
H V Dedania	Associate Editor, Mathematics Today Member of the Board of Studies in Mathematics, Sardar Patel University Member of the Board of Studies in Mathematics, The M. S. University of Baroda Member of Departmental Research Committee, Sardar Patel University
D J Karia	University Nodal Officer, All India Survey on Higher Education, MHRD, GoI Convener, Examination Reforms Council, Member Advisory Board, St. Xavier’s Science College (Autonomous), Ahmedabad Member, Review Committee for University Management System Convener, Committee for Smooth Conduct of Examination Honorary Counselor, Career and Counseling Cell, SPU Member of Annual Report Committee of the University Secretary, Department of Mathematics Friends and Alumni Association Member, Board of Anandalaya Education Society, Anand

## DEPARTMENT OF PHYSICS

Name of Teacher	Name of the Position	Name of the Organization	Nature of the Organization Academic /Government /Non-Government
Prof.U.H.Patel	Executive Member	Indian Crystallography association ,New Delhi	Academic
	Life Member	ICA,IPA,IBS,Crystal growth Society	Academic
	Member of Executive Council	Sardar Patel University,V.V.Nagar	Academic council
Prof. P.C.Vinodkumar	Member of the Board of Studies in Physics	Sardar Patel University, Vallabh Vidyanagar	Academic
	Expert member of the Departmental Research Committee	Dept. of Physics, Veer Narmad South Gujarat Univ. Surat	Academic



	Member of the Board of Studies in Applied Physics	M S University, Faculty of Technology	Academic
	Member of the Board of Studies in Applied and Pure Physics	CHARUSAT, Changa	Academic
Prof. V.M.Pathak	Life Member, Treasurer	Indian Physics Association (IPA ), Sardar Patel University, Vallabh Vidyanagar .	Academic
	Life Member, Executive Committee Member	Sardar Patel University Teacher Association (SPUTA).	Academic
	Life Member	Materials Research Society of India (MRSI),	Academic
	Life Member, Treasurer	Physics Alumni Association, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Member	Board of studies, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Member	Department IQAC	Academic
	Member	DRC	Academic
	Member	Indian Association of Physicas Teachers	Academic
Prof. K.D.Patel	Life Member	Indian Physics Association (IPA )	Academic
	Life Member	Materials Research Society of India (MRSI),	Academic
	Life Member	Semiconductor Society of India	Academic
	Life Member	Instruments Society of India	Academic
	Member	Board of studies, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Member	Department Women's Cell, Sardar Patel University, Vallabh Vidyanagar.	Academic
Prof. G.K.Solanki	Life Member, Treasurer	Indian Physics Association (IPA ), Sardar Patel University, Vallabh Vidyanagar .	Academic
	Life Member, Executive Committee Member	Sardar Patel University Teacher Association (SPUTA).	Academic
	Life Member	Materials Research Society of India (MRSI),	Academic
	Life Member, Treasurer	Physics Alumni Association, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Member	Board of studies, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Member	Department Women's Cell, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Member	UIIC, Sardar Patel University, Vallabh Vidyanagar.	Academic

## DEPARTMENT OF HISTORY

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/ Government /Non-Government
Dr. J.M. Pandya	Chairperson	Board of studies in History, S.P.Univ.VVNagar	Academic
	Member	History Board (1) Bhavnagar University, Bhavnagar (2) VNSG, Surat	Academic
	Member	(1)Indian Historical Record Commission, New Delhi (2)Indian History Congress (3)National Achieves of India, New Delhi	Government
Dr. D.C. Chaudhari	Member	(1)Itihas Adhyapak Mandal, Ahmedabad (2)Member of Board of Studies in History (3)Member Indian History Congress	Government

## DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/ Government/ Non-Government
Dr.N.D.Oza	Chairman, Board of Studies on Library & Information Science	Sardar Patel University	Academic
	Member of Examination Board	S. P. University, Gujarat University, Saurashtra University	Academic
	Member of Selection committee	S. P. University	Academic
	Member of Anti Ragging Committee	S. P. University	Academic
	Member of Alumni Association	Department of Library & Information Science, S.P.University	Academic
Dr. J.C. Makwana	Life Member	Indian Association of Teachers of Library and Information Science (IATLIS, DLISc Punjab University, Patiala)	Academic
	Life Member	Ahmedabad Library Association (ADINET Ahmedabad)	Academic

	Life Member	Sardar Patel University Teachers' Association (SPUTA Vallabh Vidyanagar)	Academic
Dr. L.N. Zala	Life Member	Ahmedabad Library Network (ADINET), Ahmedabad	Academic
	Life Member	Indian Association of Teachers of Library & Information Science (IATLIS)	Academic
	Life Member	Sardar Patel University Teacher's Association (SPUTA)	Academic

#### DEPARTMENT OF EDUCATION

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/ Government/ Non-Government
Dr. I. N. Vaghela	Yearly member	SPUATA	Academic - Non Gonernment
	Life Member	Gujarat Rajya Sc-st college & uni. adyapak mandal, Ahmedabad	Academic - Non Gonernment
	Life Member	Council for teacher Education (Gujarat State )	Academic
Dr. A. B. Patel	Member	S.T/S.C. Cell, S. P. University	
Dr. A. J. Macwan	Advisor	Community Development Society	N G O
	Literacy Chair	Rotary Club, Anand	N G O

#### DEPARTMENT OF POLITICAL SCIENCE

	Name of the Position	Name of the Organization	Nature of the Organization Academic/ Government/ Non-Government
Dr. Baldev Agja	Review Expert Committee Member	Constituted by the University Grants Commission Chairman for on-the spot-inspection of the Gandhigram Rural Institute, Gandhigram- 324 302, Dindigul District, Tamil Nadu, during 7-9 January, 2010	Academic
	Expert Committee Member	Constituted by the University Grants Commission Chairman to consider the proposal of Davangere University, Davangere, Karnataka for its inclusion under Section 12(B) for receiving central assistance. The Committee will also consider the	Academic

		proposal of the University for assistance under XI Five Year Plan.	
	UGC Nominee	Planning and Monitoring Board of Kannur University, Kannur, Kerala for a period of 4 years.	Academic
	Research Committee Member	Gandhi Peace Foundation, New Delhi, in association with Gujarat Vidyapith and the University Grants Commission propose to organize an Orientation Course for the Co-ordinations of the Centres of Gandhian Studies in the Universities and Colleges.	Academic
	Expert Committee Member	UGC has constituted an Expert Committee member, Malankara Catholic College, Mariagiri, Kaliakkavilai Post, Kanyakumari District-629 153, Tamil Nadu affiliated to Manonmaniam Sundaranar University, Abishekapatti, Tirunelveli-627 012	Academic
	Co-ordinator, NET Coaching Centre	UGC Scheme New Delhi S.P. University, V.V. Nagar	Academic
	Life Member	The Indian Political Science Association (IPSA)	Academic
	Life Member	Indian Institute of Public Administration	Academic
	Regional Secretary	Political Science Association (Gujarat Rajyashastra Mandal-GRM), Ahmedabad	Academic
	Vice-President & Life Member	Gujarat State Scheduled Caste/Scheduled Tribes Teaching and non-teaching Mahamandal, Visnagar	Academic
	Counsellor	EPS-1.3.5.6, Study Centre, Vallabh Vidyanagar, Indira Gandhi National Open University (IGNOU), New Delhi	Academic
	Former Secretary	Sardar Patel University Teacher's Association (SPUTA), Vallabh Vidyanagar	Academic
	Advisory Member	Centre of Excellence for Ethics in Politics and Public Administration funded by the Government of Gujarat. (S.P. University)	Academic
	Member	Board of Studies in Political Science, Sardar Patel University, V.V. Nagar	Academic
	Member	Board of Studies in Political Science, Bhavnagar University	Academic
	Member	Board of Studies in Political Science, in Krantiguru Shyamji Krishna Verma, Kachchh University, Bhuj	Academic
	Guide for Ph.D	Political Science, Sardar Patel University, V. V. Nagar	Academic

## DEPARTMENT OF PSYCHOLOGY

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/ Government/ Non-Government
Prof.S.M. Makvana	Chairman	Board of study Psychology Sardar Patel University July-2013 to till day	Academic
	Expert of DARC	Department of Psychology, Saurashtra University Rajkot	Academic
	Member of Board	Psychology : Hemchandracharya North Gujarat University Patan-2017 to 2020	Academic
	Member of Board	Psychology : MKB University Bhavanagar-2016 to 2019	Academic
	Life Member	Indian Academy of Applied Psychology(IAAP) Chennai	Academic
	Life Member	Indian Psychological Association Patna	Academic
	Life Member	Indian Science Congress Association kolkatta	Academic
	Life Member	Community Psychology Association of Indian	Academic
	Executive Member	Gujarat State S/C & S/T School/ College and University Teachers Association	Academic
	Joint Secretary	Sardar Patel University Teacher Association, (SPUTA)	Academic
	Life Member	Sheel shrutam SPU Magagin	Academic
Dr.P.S. Suvera	Member	Sardar Patel University Advisory Committee for Schedule Cast and Schedule Tribes.	Government
	Member	College Development Council, Sardar Patel University, VV Nagar	Government
	Life Member	Indian Academy of Applied Psychology(IAAP)	Non-Government
	Life Member	Indian Science Congress Association, (Member of the Section Committee, 2015-2016)	Non-Government
	Life Member	Community Psychology Association of Indian	Non-Government
	Life Member	Gujarat State Schedule Tribes College and University Teachers Association	Non-Government
	Life Member	Health Psychology Association of India	Non-Government
	Life Member	Gujarat State Schedule Cast and Schedule Tribes College and University Teachers Association	Non-Government
	Life Member	Indian Journal of Psychology and Mental Health (IJPMH)	Non-Government
	Life Member	Sardar Patel University Teacher Association, (SPUTA)	Non-Government
	Life Member	Abhidraatee	Non-Government

# DEPARTMENT OF SOCIOLOGY

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/ Government/ Non-Government
Prof.Ramesh Makwana	Convener	RC-18, Sociology of Crime & Deviance, (2008-continue) All India Sociological Society, New Delhi.	Academic
	Life time member	Indian Sociological Society	Academic
	Secretary	Gujarat Sociological Society, Ahmadabad, Gujarat (2013 to 2015	Academic
	Editorial Board	A Journal of Asia for Democracy and Development: A Quarterly Journal of Social Sciences	Academic
	Editorial Board	International journals of Social Sciences and Humanities Review Published by Department of Sociology ,Madonna University ,Nigeria	Academic
	Member	Indian Political Science Association, Meerut, UP.	Academic
	Editorial Board	International journals on Society	Academic
	Member	Rajasthan Sociological Society, Rajasthan.	Academic
	Member	Indian Society of Criminology.	Academic
	Member	P. G. Board of Research & Teaching and Board of Studies in Sociology, S. P. University.	Academic
	Member	The Sardar Patel University teachers' association, SPUTA, Vallabh Vidyanagar, Gujarat.	Academic
	Executive Member	The SC/ST Teachers' association in Gujarat, Ahmedabad, Gujarat.	Organization
	Member	Board of Studies SPU	Academic
	Member	Young Sociological Society, Miruth, U. P.	Academic
Dr.Jayprakash M.Trivedi	I/c Dean	I/c Dean Faculty of arts S.P. University (18-01-2016 to 24-06-2016)	Academic
	Member	Member Board of Studies in Sociology South Gujarat University Surat	Academic
	Member	Subject expert in RDC for Ph.D.in Sociology South Gujarat University Gujarat	Academic
	Member	V.C.Nominee in select K.C.G. Gujarat ,Ahmedabad	Academic
	Member	Subject expert in selection committee for assistant Professor B.S.W	Academic
	Member	V.C.Nominee in search committee for chair person in various chair in spu	Academic
	Member	Member in building estate committee s.p.u.	Academic
	Member	Main editor for KCG E-Journal in Social Science	Academic

Dr.Ila M.Macwan	Editorial Member and Advisory Member	Ideal research an international Multi discipilirey e-Journal,	Academic
	Editorial Member	Journal of Social Impact,	Academic
	Life Member	Mandhyanchal Sociological Society	Academic Jabalpur M.P.
	Excutive member	Sputa – SPU	Academic
	Member	Board of Studies SPU	Academic

#### DEPARTMENT OF BUSINESS STUDIES

Name of the Teacher	Name of the Position	Name of the Organization	Nature of the Organization Academic/ Government/ Non- Government
Dr. S. K. Bhatt	Head	Vidyanagar since May 2015 Department of Business Studies, Sardar Patel University,	Academic
	Chairman.	Board of Studies in Commerce (2016-2017), Sardar Patel University, Vallabh VidyaFnagar.	Academic
	Deputy Coordinator	UGC-SAP (DRS-II) for 5 years 1.4.2013 to 31.3.2018 in the Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Co-Coordinator	IQAC Sardar Patel University	Academic
	Convener/Chairman	Departmental Research Committee, Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Vice-President	Alumni Association, P.G. Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar.	Academic
	Life Member	The Indian Institute of Public Administration (IIPA) New Delhi (Membership No.- L 11257).	Academic
	Life Member	Indian Accounting Association	Academic
	Life Member	Indian Commerce Association	Academic
	Joint Secretary	Indian Commerce Association	Academic

2. Dr. P. K. Rathod	1)Dean, Faculty of Commerce and Business Studies, Sardar Patel University,	Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar.	Academic
	2) Co-ordinator, UGC-SAP (DRS-II) for 5 years 1.4.2013 to 31.3.2018	Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar	Academic
	3)Member, Research Development Committee, BAOU, Ahmedabad.	BAOU, Ahmedabad	Academic
	4) Member, Departmental Research Committee,	Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar	Academic
	5) President, Alumni Association, P.G. Department of Business Studies,.	Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar	Academic
	6)LifeMember, AIFUCTO	All India Federation of University & College Teachers' Organisations) (Membership No.- GJ/13/982).	NGO
	7) Life Member,	Indian Accounting Association (Membership No.- AH 52).	Academic
	8) Life Member	Indian Commerce Association (Membership No.- G005).	Academic
	9) Life Member,	The Indian Institute of Public Administration (IIPA) New Delhi (Membership No.- L 11258).	Academic
	10) Fellow Member,	Indian Institute of Management – Ahmedabad.	Academic
	11) Life Member	Indian Society for Community Education (ISCE), Ahmedabad (Membership No.- 160).	Academic



	12) Member, Project Monitory Committee/Unit,	RUSA, Sardar Patel University	Academic
	13) Member,	Building & Estate Committee, Sardar Patel University	Academic
	14) Member,	Academic Regulation & Monitoring Committee, Sardar Patel University	Academic
	15) Convener, Online Centralised	Post Graduate Programmes Admission 2017-18, Sardar Patel University	Academic
	16) Expert Member, Advisory Committee, UGC Nominee,	DDU Kaushal Kendra, C P Patel and F H Shah Commerce College, Anand	Academic
	17) Member, Project Monitory Committee/ Unit	RUSA – HRDC, Sardar Patel University	Academic
3. Dr. C. K. Sonara	1. Organizing Secretary	National Seminar, Department of Business Studies under UGC – SAP (DRS-II) Programme. (04/02/2017)	Academic
	2. Chairman	Accountancy Board, Sardar Patel University, Vallabh Vidyanagar	Academic
	3. Secretary,	Alumni Association, Business Studies Department, Sardar Patel University, Vallabh Vidyanagar	Academic
	4. Member	Indian Accounting Association	Academic
	5. Secretary,.	Gymkhana Committee of P. G. Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar	Academic
4. Dr. Y. M. Dalwadi	1) Joint Organizing Secretary, National Seminar,	Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar.	Academic
	2) Secretary of	JCI Vallabh Vidyanagar Chapter, Gujarat (2013)	NGO
	3) Vice President	JCI Vallabh Vidyanagar Chapter, Gujarat (2014).	NGO
	4) Zone Trainer	JCI India.	NGO

	5) joint secretary Alumni Association, P.G. Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar.	Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar	Academic
	6) Member of Advisory Committee	DDU Kaushal Kendra of C P Patel and F H Shah Commerce Collage, Anand.	Academic
	7) Joint Secretary	Indian Accounting Association, Gujarat Branch	Academic
	8 Auditor,	Sardar Patel Teachers Association (SPUTA)	NGO
5. R. M. Joshi	1) Member,	Board of Studies in Commerce, Sardar Patel University, Vallabh Vidyanagar.	Academic
	2) Member,	Board of Studies in Commerce, Bhavnagar University, Bhavnagar.	Academic
	3) Member,	Board of Studies Saurashtra University, Rajkot.	Academic
6. Dr. P. R. Sheth	1) Member	Board of Studies, Sardar Patel University, Vallabh Vidyanagar.	Academic
	2) Life Member	Indian Commerce Association	Academic
	3) Life Member	Indian Accounting Association	Academic
7. Dr. D. S. Mistry	1) Expert Member	Board of Studies in Commerce, Gujarat University.	Academic
8. Dr. Kamini Shah	1) Life Member	Indian Commerce Association.	Academic
	2) Life Member	Indian Accounting Association	Academic
	3) Member-	Board of Studies, Sardar Patel University	Academic
	4) Member	Board of Management, Sardar Patel University	Academic
9. Ms. D. S. Rohit	Life Member	Indian Commerce Association	Academic
	Treasurer, Alumni Association	Department of Business Studies	Academic
10. Dr. S. P. Machhar	Life Member	Indian Commerce Association	Academic
	Treasurer, Alumni Association	Department of Business Studies	Academic
11. Dr. A. D. Amin	Life Member	Indian Commerce Association	Academic

**DEPARTMENT OF BUSINESS MANAGEMENT (MBA)**

Name of the Position	Name of the Organization	Nature of the Organization Academic/ Government/ Non-Government
Life member	Indian Accounting Association	Non government
Treasurer	Indian Institute of Public Administration – Vallabh Vidyanagar Branch	Academic
Immediate Past President	Junior Chamber International – Vallabh Vidyanagar	Non-Government
Member	Management Board of Study, Sardar Patel University, Vallabh Vidyanagar	Academic
Convener	Interdisciplinary Study Center in Social Science and Humanities, Sardar Patel University	Academic
Chairperson	Corporation Bank Chair in Management, Sardar Patel University	Academic
Member	Opted as member working on seven NAAC criteria, I have been opted by criteria-III Research and also worked as member in Central Repository Committee during NAAC visit	Academic

**DEPARTMENT OF GUJARATI**

Name of the Teacher	Name of the Position	Name of the Organization	Nature of the Organization/ Academic/ Govt./ Non. Govt.
Param Pathak	Member of D.R.C.	Gujarati Dept. Saurashtra Uni., Rajkot.	D.R.C. Academic
Dr. Pinakini Pandya	Member	International study for Irish Literature, Ireland.	Academic
	Member	M.S.A. Advisory Committee	Academic
	Member	Advisory Committee, S.N.D.T., Mumbai	Academic
Dr. R. V. Chaudhari	Executive Member	Gujarati no Adhyapak Sangh	Academic

**DEPARTMENT OF HINDI**

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/ Government/ Non-Government
Dr. Dayashankar Tripathi	Chairman	DRAC, IQAC, Anti Ragging Committee, Department of Hindi S.P. University	Academic
	I/c. Chairman	Board of Studies Hindi	Academic

	Member	SPUTA	NGO
	Member	Hindi Sahitya Parishad	Academic
Dr. Madanmohan Sharma	Member	SPUTA	NGO
Dr. Hasmukh Parmar	Member	Board of Studies in Hindi	Academic
	Member	Anti Ragging Committee (Hindi Dept.)	Academic
	Member	SPUTA	NGO
Dr. Seemaben Rathod	Member	Treasurer & EC, SPUTA	Academic
	Member	Women Cell	Academic
	Member	DIQAC and Other Committees, Department of Hindi	Academic

#### DEPARTMENT OF SANSKRIT

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/ Government/ Non-Government
Prof. Dr. N. P. Patel	Life Member	AIOC Puna	Academic
	Life Member	Akhil Bharatiya Darshan Parishad, Jabalpur	Academic
	Member	Board of studies, Sanskrit, S.P. University, V.V. Nagar	Academic
	Member	Faculty of Arts, S.P. University, V.V. Nagar	Academic
	Life Member	Gujarat State Colleges and University, Sanskrit Teacher's Association	Academic
	Life Member	Sardar Patel University Teacher's Association -SPUTA, V.V. Nagar	Academic
	Life Member	Charotar Sanskrit Parishad, V.V. Nagar	Academic
	Member	Academic Council, S.P. University, V.V. Nagar	Academic
	Member	Board of studies, Maharaja Krishnakumarsinhji Bhavnagar University	Academic
	Member	Board of studies, M.S. University, Baroda	Academic
Dr. Mahesh G. Patel	Life Member	Sardar Patel University Teacher's Association-SPUTA, V.V. Nagar	Academic

#### AGRO – ECONOMICS RESEARCH CENTRE

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/Government/Non-Government
Dr. S.S.Kalamkar	Director & Professor AERC,SPU,VVN	Vice President, Executive Committee	Academic
		Executive Committee Member	Academic
		Member, Board of Governors	Academic
		Member of Executive Council	Academic
		Member of Editorial Board	Academic
		Member of Expert Committee	Government
		Member of Expert Committee	Government
Dr. M. Swain	Research Officer / Assistant Professor (S.S.)	Member of Editorial Board	Academic
	Research Officer / Assistant Professor (S.S.)	Member of Editorial Board	Academic
	Research Officer / Assistant Professor (S.S.)	Member of Editorial Board	Academic

### 3.7 Research Awards/Prizes/Schemes Operated by the University and the Awardees of 2016-2017

The University has instituted a large number of research awards for encouragement, appropriation and recognition of quality research work being done in the country. The following is a list of such scheme being operated by the university.

#### (1) Shri Dadabhai Navroji Prize:

It is notified for the information to all concerned that the Research Paper entitled “**An Empirical Analysis of Sustainability of Debt and Fiscal Deficit in India**” published in the calendar year-2014 and submitted by Dr. Yogesh C Joshi , Professor,P.G.Department of MBA, Sardar Patel University and Co-author Dr.Falguni H.Pandya Assistant Professor Dept.of Business Management has been adjudged best for the award of “Shri Dadabhai Navroji Prize for publishing academic papers of high quality in National and International Journals of high Reputation” for the year 2016-2017. Accordingly, a Cash Prize amount of Rs.8,000/- is awarded to Dr. Yogesh C Joshi and.Dr.Falguni H Pandya.

#### (2) Smt Kashiben and Shri Gordhanbhai Patel Scholarship for PG Students year 2016-2017

It is notified for the information of all concerned that the “**Kashiben and Gordhanbhai Patel Scholarship**” is offered to the the following Students of P.G. Departments who excel in Academics for the year **2016-2017**.

Sr. No.	Students Name	Name of Department	Amount of Scholarship (Rs.)
1.	Sohil Kiritkumar Solanki H. No. 42½ Mithabava, Chora Main Road, Ghoghla Diu (UT) -362540 Mo. 7567454523	M.A. Department of English	10,000/-
2.	Gayatriben Rajendrabhai Vasava At - Manekpur, Po. – Sunarpur Ta. – Uchchhal Dist. – Tapi- 394375 Mo.- 9099737525	M.A. Department of Gujarati	10,000/-
3.	Monikaben Kantibhai Prajapati Aadrsh Nagar Nr. M.G.V.K. High School, Kanjari-387325 Mo. - 8734062213	M.A. Department of Hindi	10,000/-
4.	Shraddhaben Jashbhai Desai A/12, Vaikunthdham Society Umdera-391330 Vadodara Mo. – 9638047540	M.A. Department of Sanskrit	10,000/-
5.	Heenaben Lallubhai Parmar At. Po. – Angadi- Chapatiya Ta. Galteshwar Dist. Kheda- 388 250 Mo. 9558136845	M.A. Department of Sociology	10,000/-
6.	Ayman Farukbhai Vora 22, Janta Society, B/h Amina Manzil, Anand- 388 001. Mo. – 8141834493	M.A. Department of History	10,000/-

7.	Manojkumar Vijaykumar Patel At - Mullakuva (Vangarva) Po. – Bhamaiya, Ta. – Ghoghamba Dist. – Panchmahal – 389120 Mo.- 8980555858	M.A. Department of Economics	10,000/-
8.	Snehalkumari Rasikbhai Patel At. Po. - Ambach Ta. – Chikhli Dist - Navsari - 396540 Mo. 9537819844	M.A. Department of Political Science	10,000/-
9.	Nareshkumar Kanubhai Baria At Po. – Dhamnod, Ta. Shahera Dist.- Panchmahal(Godhra) Mo. - 9726958287	M.A. Department of Psychology	10,000/-
10.	I) Avaniben Jayarupbhai Patel 97, Divy jyot Society Pavanchakki KD, Nadiad – 387002 Mo. – 7698279469	M.ED. Department of Education	5,000/-
	II) Solanki Divyaben Jesangbhai Near Bahuchara Mata Temple At.: Vachhial, Ta.:Borsae Dist.:Anand	M.ED. Department of Education	5,000/-
11.	Krishna Sandip Patel Maruti Bunglow, Green Park near, Big Bazar, A-V Road, Anand – 388001 Mo. – 9723844402	M.Com. Department of Business Studies	10,000/-

12.	Kamini Rajendrakumar Varma B/80 Jay Yogeshwar Township, Part- 1, Ajwa Road, Vadodara – 390019 Mo. - 8734024686	M.S.W. Department of Social work	10,000/-
13.	Nisha BharatKumar Patel 203- Parth Residency, Opp. Himalaya Heights, 100 FT Road, Anand- 388001 Mo. 8460568218	M.Sc. Department of Chemistry	10,000/-
14.	Rushik AravindbhaiPansara At. Jivapar Ta. Kalavad Dist – Jamnagar- 361162 Mo. 9173985586	M.Sc. Department of Mathematics	10,000/-
15.	Swarnil Ray At. Po. GaneshPur Dist. – Howrah W.B. – 711312 Mo. 7405926965	M.Sc. Department of Statistics	10,000/-
16.	Varundaben Rajeshbhai Darji B/6, Gate No. 2 Akrutinagar, Jitodiya Road, Anand – 388001 Mo. 9157009164	M.Sc. Department of Physics	10,000/-
17.	Bijay Sunuwar Thulopatal – 07 Dolokha Nepal Mo. – 961482631	M.B.A Department Business Administration	10,000/-



18.	Hemal Bhupendrabhai Bhatt J- Bhagwan, 19, Digvijay Plot, Jamnagar- 361005 Mo.-9687696958	M.Sc. BRD School of Bio- Science	10,000/-
19.	Dineshkumar Amarsinh Baria 6, Lwar Faliya At – Rachhava, Po- Dumka Dist- Dahod – 389382 Mo.- 9586358334	M.Lib Department of M.Lib. & Information Science	10,000/-
20.	Aneri Kishorbhai Dodiya 33, Nastermill Society, Vadwa, Panuadi, Bhavnagar- 364001 Mo.- 7041077795	MCA Department of Computer Science & Technology	10,000/-
21	Mirani Ujjvalbhai Trivedi 41, Shri Harinagar, Opp- Palika nagar, Vallabh Vidyanagar Anand – 388120 Mo. – 9427366021	M.Sc. Department of Home Science	10,000/-
22	Anurag Dharendra Kumar Rz-G/26, Street, No.3, Vijay enelue, Palarm Nagar, DDA Park, New Delhi – 110045 Mo. – 8750911098	M.Sc. Department of Materials Science	10,000/-
23.	Sanjaybhai Mafatbhai Thakor Pato Vago, At – Khaoool (H), Ta. – Anklav, Di – Anand – 388350 Mo. – 7046988550	M.Sc. Department of Electronics	10,000/-

24	Jaspreetsing Gurjitsingh Pabla B-11, Ambica Nagar – 3, Near Chhani Jakat Naka Nizampura, Vadodara – 390 002 Mob. – 90547 62776	M.Sc. Dept. of CISST	10,000/-
<b>Total Rs.</b>			<b>2,40,000</b>

### 3.8 Activities of Chairs

#### Activities of Chairs

##### (a) Sardar Patel Chair

- (1) કવિશ્રી 'વિજય સુપ્રદા' એ, સપ્તમી: 31du-Ap;L\$V\$pf, 2017 \_p fp;S> 8.15 L\$gpL; \$kfv\$pf `V; \$g S>Pd S>,ers q\_qdN; kfv\$pf `V; \$g\_u A^@  
ârsdp\_j `yô`pS>,gu A`@Z L\$fhp\_p; L\$pe@¼d ep;S>hdp,, Apiepi lsp;.

##### (b) Bhaikaka Adhyayan Akam Prakalp

ભાઈકાકા અધ્યયન પ્રકલ્પ ચેરના ઉપક્રમે તા ૧૮/૮/૨૦૧૭ ના રોજ જાહેરજીવન વિષય પર વ્યાખ્યાનનું આયોજન કરવામાં આવ્યું હતું જેમાં વક્તા તરીકે શ્રી ઉર્વીશ કોઠારી એ પોતાના મંતવ્યો રજૂ કર્યા હતા

##### (c) Corporation Bank Chair in Management (MBA)

###### Expert's talk on Union Budget – 6<sup>th</sup> February 2017:

Corporation Bank Chair in Management (MBA Programme) and P.G. Department of Business Studies organized Expert's talk on Union Budget 2017 on 6<sup>th</sup> February 2017. Dr. R. H. Rajput, the Registrar of the University welcomed and introduced the guests. Honourable Vice Chancellor of Sardar Patel University Prof. Shirish Kulkarni talked about various aspects of budget implications related to taxation. He said that citizen of country has to pay tax on income they earned and expenses they made. He comprehensively talked about direct and indirect taxes and its relevant changes in union budget 2017.

Well known expert on Budget Analysis Dr. Jaynarayan Vyas also delivered talk on union budget 2017. He started with holistic context of budget. He said that Budget is not merely financial statement it is long term planning and policy document. Expert's talk was followed by interaction with students, faculty members, invitee's guests and research scholars regarding the various aspects of recent budget. The event was graced by Deputy General Manager of Corporation Bank Mr. Mohan Bhat.

### **Inter Department Debate Competition - 16th February 2017**

Corporation Bank Chair in Management (MBA Programme) in association with Junior Chamber International – Vallabh Vidyanagar organized Inter Postgraduate Department's Debate Competition on “Will Demonetization lead to Eradication of Black Money in India” on 16<sup>th</sup> February 2017 at MBA Department Auditorium. Total 19 students participated in this competition. Postgraduate students of Hindi, Psychology, Political Science, Library and Information Science, Business Studies (Commerce) and Business Management have participated in competition. Mr. Ashish Trivedi – Editor Divyabhaskar and Mr. Jigar Solani – Industrialist and President of JCIVVN served as judge in this competition. The first prize was won by Hemali Parikh, Second prize hold by Dipak Rathod and third prize was secured by Shruti Bhatt. Participation certificates were given to each participants. The programme was coordinated by Prof. Raju Rathod – Chairperson of Corporation Bank chair in Management and project director JcRajni Patel –Entrepreneur having factory in VithalUdyognagar GIDC.

### **Experts Talk on GST: Concept & Implication -10th August 2017**

Corporation Bank Chair in Management, G H Patel P.G. Institute of Business Management, Internal Quality Assurance Cell and Department of Social Work organized Expert Talk on Goods and Services Tax: Concept and Implications on 10th August 2017, 3.30 PM. Honourable Vice Chancellor of Sardar Patel University Prof. (Dr.) Shirish Kulkarni has delivered talk about basic understanding of GST and its implication. Faculty members of different department, administrative officer, Industrialist and students got benefited out of this session

### **(d) Aurobindo Chair of Integral Studies**

- I “The Sunlit Path” : e magazine : 12 issues published during the year.
- II. Sri Arvind Darshan Adhyayan Shibir at Sri Aurobindo Ashram, Pondicherry: Organized during May-June 2016.
- III. The Science of Living : Integral Education Workshop : One workshop organized on 27 January, 2017
- IV. A.B.Patel Endowment Oration: Delivered by Dr. Ramesh Kapadia on 4<sup>th</sup> February, 2017
- V. Invitation as Guest Faculty / Talk delivered/Presentation in Conferences: Conducted a symposium on Integral Approach to Meta- cognition in the International Conference on Cognitive Psychology organised by the British Psychological Society. Presented 5 papers in the symposium prepared by 9 experts.
- VI. Capacity Building Activities : Three resource persons attended a ‘Science of Living workshop organized by Sri Aurobindo Society, Pondicherry.’
- VII. Webpage of Sri Aurobindo Chair of Integral Studies on the website of the University [www.spuvvn.edu](http://www.spuvvn.edu): :It is regularly being updated and includes details of all activities carried out by the chair.

**(e)Shri Mota Chair of Extension of Educational Thinking Chair**

- (1) તા.૧૫ /૯/ ૨૦૧૬ના રોજ “પ્રાચીન શિક્ષણ પદ્ધતિની આજના યુગમાં ઉપાયદેતા “ અંગે ડો.ગૌતમ પટેલ (અધ્યક્ષ : હરિ ઓમ આશ્રમ, નડિયાદ અને અધ્યક્ષ :સંસ્કૃત સમિતિ, અમદાવાદ)નું વ્યાખ્યાન યોજવામાં આવ્યું હતું.
- (2) તા.૨૧/૪/૨૦૧૭ના રોજ “શિક્ષણ-પ્રશિક્ષક ગુણવત્તા:અભિમુખતા શિબિરનું આયોજન – સરદાર પટેલ યુનિવર્સિટીમાં નવી જોડાયેલ શિક્ષક-પ્રશિક્ષક કોલેજોના અધ્યાપકો માટે કરવામાં આવ્યું હતું.

**(f)Dr. Baba Saheb Ambedkar Adhyayan Chair**

- (૧) તા:૧૦-૪-૨૦૧૫ સમતાયુક્ત સમાજના આર્ષદેષા ડો.બી .આર. આંબેડકર વિષયે વર્કશોપ યોજેલ અને ૧૪મી એપ્રિલની ઉજવણી
- (૨) તા:૯-૧૦-૨૦૧૫ ના રોજ ભારત કી એકતા ઔર અખંડિતતા મૈ સંવિધાન કી દેનવિષયે વિશિષ્ટ વ્યાખ્યાન યોજેલ.
- (૩) તા:૨૫-૧-૨૦૧૬ ના રોજ “અષ્ટાગ જ્ઞાનપર્વ : યુગ પુરુષ ડો.ભીમ રાવજી આંબેડકરને શ્રદ્ધાંજલી“વિષયે એક દિવસીય સેમિનાર યોજેલ
- (૪) તા:૧૪-૪-૨૦૧૭ ના રોજ ટાઉન હોલથી ડો.આંબેડકર ભવન, આણંદ સુધી ભીમ અસ્મિતાયાત્રા
- (૫) તા:૧૪ -૪-૨૦૧૭ ના રોજ “સિમ્બોલ ઓફ નોલેજ “આર્ષદેષાડો.આંબેડકર વિષયેયોજેલ
- (૬) તા:૧૫ -૯-૨૦૧૭ ના રોજ ડો.આંબેડકર ચેર અને રાજ્યશાસ્ત્ર વિભાગના ઉપક્રમે “ઈન્ડિયાઅનટય” ફિલ્મ નિદર્શન

**(g)CVM Centre for Gandhian Studies**

- (૧) સી. વી. એમ. સેન્ટર ફોર ગાંધીયન સ્ટડીઝના ઉપક્રમે તા . ૧-૫-૨૦૧૭ના ગુજરાત સ્થાપના દિન નિમિત્તે મુખ્ય મહેમાન ડો.જાગૃતિબેન પરમાર અતિથી વિશેષ આચાર્યશ્રી રાજેન્દ્રભાઈ, જાગૃતિબેન ભટ્ટ મહાત્મા ગાંધી વિદ્યાલય અને ડો. ગાંધી સાહેબ ભૂતપૂર્વ આચાર્યશ્રી આણંદ કોમર્સ કોલેજ વિદ્યાર્થીઓએ લખેલા નિબંધના પુસ્તક સ્વરૂપે ધોરણ મુજબ વિમોચન ઈનામ મેળવેલ વિદ્યાર્થીઓનું ઈનામ વિતરણ તથા ગાંધીજીનું જીવનચરિત્રને ખુલ્લુ મુકેલ પ્રદર્શન°
- (૨) ku.hu.Ajd. kjbPV\$fa pif Np,,^ue\_ òV\$QX\$T“p D’¾\$dj spfuM ૨૫/૦૯/2017 થી spfuM

૦૨/૧૦/૨૦૧૭ દરમિયાન ગાંધી જયંતિના ઉપક્રમે ઉજવણીના ઉદઘાટક ડૉ. શિશિર કુલકર્ણી, કુલપતિશ્રી તથા ડેપુટી રજીસ્ટ્રાર શ્રી તુષાર મજમુદાર ગાંધીજીનું પુસ્તક પ્રદર્શન તથા જીવનચરિત્ર અને ખાદી વેચાણ કેન્દ્ર નું ઉદઘાટન અનુસ્નાતક બીઝનેસ સ્ટડીઝ વિભાગના હેડ, સ્ટાફ તથા વુમન સેલના સદસ્યોની હાજરીમાં ઉજવાઈ ગયો જેમાં વિદ્યાર્થીઓ અને કર્મચારીઓએ ભાગ લીધો હતો.

(૩) સી. વી. એમ. સેન્ટર ફોર ગાંધીયન સ્ટડીઝના ઉપક્રમે તા. ૨ -૧૦-૨૦૧૭ને સોમવારના રોજ ગાંધીજયંતિ નિમિત્તે મહાત્મા ગાંધીજી તેમજ લાલ બહાદુર શાસ્ત્રીજીની પ્રતિમાને પુષ્પજલી અર્પણ કરવાનો કાર્યક્રમ યોજવામાં આવ્યો હતો

(૪) સી. વી. એમ. સેન્ટર ફોર ગાંધીયન સ્ટડીઝના ઉપક્રમે તા. ૨ -૧૦-૨૦૧૭ થી તા. ૪ -૧૦-૨૦૧૭ સુધી ચાંગા મુકામે યુનિવર્સિટીમાં ગાંધીજીનું જીવનચરિત્ર પુસ્તકનું પ્રદર્શન અને લેકચરનું ઉદઘાટન પ્રો.વા.ચા.ડો. બી. જી. પટેલ સાહેબે કર્યું હતું જેમાં યુનિવર્સિટીના વિદ્યાર્થીઓ તથા ગામની આજુબાજુની શાળાના વિદ્યાર્થીઓએ પ્રદર્શનનો લાભ લીધો હતો.

(૫) સી. વી. એમ. સેન્ટર ફોર ગાંધીયન સ્ટડીઝના ઉપક્રમે તા. ૨૬-૦૯-૨૦૧૭થી તા. ૬-૧૦-૨૦૧૭ સુધી શ્રી આઈ. જે. પટેલ બી એડ કોલેજમાં ગાંધીયન કવીઝ પુસ્તક વાંચન અને ગાંધીજીના મૂલ્યો સાંપ્રત સમયમાં અતિ આવશ્યક છે વિષય પર આયોજન (ચર્ચા) કરી હતી

(૬) સી. વી. એમ. સેન્ટર ફોર ગાંધીયન સ્ટડીઝના ઉપક્રમે તા. ૨૦-૦૯-૨૦૧૭ અને તા. ૨૧-૦૯-૨૦૧૭ ના રોજ ગણેશ શાળા નંબર ૧૩ માં ગાંધી મારા મને વિષય પર નિબંધ સ્પર્ધા અને પુસ્તક અને ગાંધીજીનું જીવનચરિત્ર પ્રદર્શન યોજવામાં આવ્યું હતું

(૭) સી. વી. એમ. સેન્ટર ફોર ગાંધીયન સ્ટડીઝના ઉપક્રમે તા. ૨૨-૦૯-૨૦૧૭ના રોજ પે સેન્ટર શાળા મોગર ખાતે ગાંધીજીના પુસ્તક પ્રદર્શન યોજવામાં આવ્યું હતું જેમાં શાળાના આચાર્ય શ્રી તથા વિદ્યાર્થી વિપુલકુમારનું વક્તવ્ય રાખવામાં આવ્યું હતું

## PROJECTS

Research Projects sanctioned by various funding agencies during the year.

Sr.	Professor Name	Duration	Agency	Project Name	Section Amount
1.	Dr.S.S.Soni Department of Chemistry	26-05-2016 To 25-05-2019	DST	“ Colored Fluorescent Conducting Oligomers/Monomers for Dye Sensitized Solar Cells”	46,87,687/-
2.	Dr.P.C.Vinodkumar Department of	14-6-2016 To 13-06-2019	DST SERB	“Exotic Hadrons and study of their characteristics Decay Properties”	10,87,000/-

	Physics				
3.	Dr.Bigi Thomas Department of M.S.W.	1-7-2016 To 12-7-2018	ICSSR	“Intimate partner violence: Exploring links with men’s attitude towards gender equality and childhood gender inequality & violence experiences”	10,00,000/-
4	Dr.Sunil Chaki Department of Physics`	16-7-2016 To 15-7-2018	GUJCOST	“Synthesis and characterization of demiconductor metal sulfide thin films by solution technique”	3,00,000/-
5	Dr.PareshVirparia Department of Computer Science	16-7-2016 (ONE YEAR)	GUJCOST	“Development of tool for the conversion of Braille to Gujarati text for assisting visually impaired people”	84,000/-
6	Dr.Y.C.Joshi Department of M.B.A.	22-8-2016 To 21-2-2018	RGNIYD	“A study of skills and capabilities of rural youth in Gujarat”	3,90,000/-
7	Dr.M.Natraj Department of Bio- Science	2-2-2016 To 1-2-2018	GSBTM	“Micropagation of ailanthus excelsa Roxb-a multipurpose tree”	14,26,920/-
8	Dr.Anju Kunjadia Department of CISST	30-12-2015 To 29-12-2018	DBT	“Cloning charaterization functional screening of industrially important novel cellulase encoding genes from the bovine rumen microbial community using metagenomCc approach”	49,26,600/-
9	Dr.H.M.Patel Department of Chemistry	7-2-2017 To 6-2-2021	DST SERB	“An efficient synthesis of biologicaly active compounds via one-step synthesid from diverse heterocyclic scaffolds”	48,62,000/-

#### DEPARTMENT OF MATERIALS SCIENCE

Sr No	Name of Centre/Chair/Cell	Activities
1	1. Dr Chetan Panchal Topic:- Photovoltaic solar energy devices Date :- 31/12/2015 2. Dr Jignesh k Valand Topic:- Catalysis its importance in the field of materials science Date:- 06/01/2016	Lecture delivered
2	1 Dr P M Raole Topic : Surface Characterization techniques – An overview Date : 23/02/2016 2 Prof D K Basa Topic : Scanning Electron Microscopy Date : 23/02/2016	Lecture delivered by eminent scientists

Sr No	Name of Centre/Chair/Cell	Activities
	3 Dr Y S Satpute Topic : Thermal Analysers, Basics and Recent Development Date : 23/02/2016	
	4 Dr V S Makadia Topic : Advancement in Infrared spectroscopy technique Date : 23/02/2016	
	5 M Ranjan Topic : Methods used for the Characterization of nanomaterials Date : 23/02/2016	
3	Visitors to the department 1. B E and M E Students of Indus University, Ahmedabad had visited the department to see the facilities available for research on advanced and engineering materials	

## 1.9 ACADEMIC CENTRES

### (b) Shri C C Patel Community Science Centre

#### INTRODUCTION

We are living in age of every rapid development in different fields of Science One hand this development needs to be sustained and strengthened. But on the other hand is necessary to communicate to our society the impact of these scientific developments .In fact the need of the day is that everyone who can read and write is able to understand the expanding world around him or her. A COMMUNITY SCIENCE CENTER is a common place where children, their teacher and general citizen can come and know about science and Technology. The Center can become an oasis of Knowledge, information and public awareness. It can provide us with a common platform for discussing issues related to science and technology. CSC is generally informal and usually it aims to strengthen science trough various activities.

Prof. B.Y Thakor is the Honorary Director of SPU-CSC

#### OBJECTIVES

##### GENERAL

- To carry out activities that motivates the students of school and colleges towards a sound learning of science.
- To inculcate broad scientific view, love for nature and care for the environment in the society in general.
- To provide a forum for healthy discussion on aspects of education, training and researches in Science and Technology.
- To celebrate specific occasions like National Nutritional Week, Wild Life Week, National Science Day, National Technology Day etc. with appropriate programmes.

## FUNCTIONAL

- To promote dissemination of knowledge in science and Technology to our rural as well as urban communities, particularly to children in an entertaining manner.
- To communicate to our society the impact of these scientific developments.
- To give suitable programmes and activities for students, teachers and common public.
- To collaborate with other organizations and institutions on specific programmes.

No.	Programme Name/ Subject	No. of Days	Date	Place & Address	Name of Resource person, Designation, Institute	No. of Beneficiary	Expenses
1	Sky Gazing programme	1	9/4/2016	Haridarshan society, Vidyanagar	Dr. Ujjval Trivedi	30	500/-
2	Bird Conservation Society	2	10/4/2016	CSC, anand	Prof.Brijmohan Thakore, Dr. Ujjval Trivedi	50	5000/-
3	Sky Gazing for BCSG Members	1	10/4/2016	Camp Site , Polo Forest	Prof. B.Y.Thakore	60	
4	National Children Science Congress : Teacher Meeting & Takula Co-ordinator Meeting	1	16/4/2016	At Science City,A'bad	Chandni Shah	60 CSC Coordinators	400/-
5	Broadcast Radio talk on "Telecommunication"	1	20/4/2016	At Community Radio Station,Radio Campus 90.4 FM,SPU,Vallabh Vidyanagar	Dr. Vivek Pathak, Dept. of Physics, SPU, Vallabh Vidyanagar	Local Radio Listeners	
6	Broadcast Radio Talk on Earth Day	1	22/4/2016	At Community Radio Station,Radio Campus 90.4 FM,SPU,Vallabh Vidyanagar	Dr.Ujjval Trivedi & Prof.K.N.Joshipura, Anchored by Darshna Pandya	Local Radio Listeners	
7	Sunspot Observation Programme in Summer Camp	1	24/4/2016	Santram Deri - Nadiad	Prof. B.Y.Thakore	75	



8	Science Express Train	1	23/4/2016	At Anand Railway Station - ANAND	CSC Staff, School Students	20	450/-
9	Sky Gazing programme	1	27/4/2016	I Block Tarest	Prof. B.Y.Thakore & Dr. Ujjval Trivedi	55	800/-
10	Science Movie club (Inception)	1	28/4/2016	CSC, anand	CSC Staff	26	300/-
11	Science Movie club (After Earth)	1	29/4/2016	CSC, anand	CSC Staff	30	300/-
12	Astronomy Lecture on Mercurry Transit	1	1/5/2016	CSC - Rajkot	Prof. B.Y.Thakore		
13	Summertime (for students from std. 6th to 12th)	8	09-16/5/2016	CSC, anand	Prof. B.Y. Thakore, Dr. Ujjval Trivedi, Tushar Kothari, Viral Mistry, Dhaval Patel, Ketul Panchal, Hardik Pandit, Hitesh Vaghela, Dhananjay Rawal, Ankit Soni, Ram Mohan Singh	75	17,000/-
14	Mercury Transit - Lecture	1	9/5/2016	CSC, anand	Prof.B.Y.Thakore, Ankit Soni	75	
15	Mercury Transit	1	9/5/2016	CSC, anand	Prof.B.Y.Thakore, Dr. Ujjval trivedi, Ankit Soni	500-600	
16	Science Model Making	1	10/5/2016	CSC, anand	Tusahr Khothari	75	
17	Science Model Making	1	10/5/2016	CSC, anand	Agasthya Foundation	75	
18	Reptile awareness program	1	11/5/2016	CSC, anand	Dhaval Patel	75	
19	Snake Show	1	11/5/2016	CSC, anand	Vidyanagar Nature Club	75	
20	Science Model Making	1	12/5/2016	CSC, anand	Agatsya Foundation staff	75	
21	Fun with Maths	1	12/5/2016	CSC, anand	Viral Mistry	75	
22	Science Model Making	1	13/5/2016	CSC, anand	Agatsya Foundation staff	75	
23	Chemistry Experiment	1	13/5/2016	CSC, anand	D.K.Raval	75	
24	Rocket Making	1	14/5/2016	CSC, anand	Ram Mohan Singh	75	
25	Rocket Launching	1	15/5/2016	CSC, anand	Ram Mohan Singh	75	
26	Hover Craft making	1	15/5/2016	CSC, anand	Ram Mohan Singh	75	
27	Student Activity programmes	1	16/5/2016	CSC, anand	Prof.B.Y.Thakore, Dr. Ujjval Trivedi	75	

	Summertime (for students from std. 1st to 5th)	8	09-16/5/2016	CSC, anand	JCI expert	40	5,000/-
28	Art & Craft	1	9/5/2016	CSC, anand	JCI expert	40	
29	Paper Bag	1	10/5/2016	CSC, anand	JCI expert	40	
30	Drawing & colour	1	11/5/2016	CSC, anand	JCI expert	40	
31	Art & Craft	1	12/5/2016	CSC, anand	JCI expert	40	
32	Paper Making - Night Lamp	1	13/5/2016	CSC, anand	JCI expert	40	
33	Drawing & colour	1	14/5/2016	CSC, anand	JCI expert	40	
34	Art & Craft	1	15/5/2016	CSC, anand	JCI expert	40	
35	Student Activity programmes	1	16/5/2016	CSC, anand	JCI expert	40	
	Vacation Special Science Movie week I	6	16-21/5/2016	CSC, anand	CSC staff	142	1900/-
36	Satoyama - Japan's Secret Water Garden (part I)	1	16/5/2016	CSC, anand	CSC staff	18	
37	Satoyama - Japan's Secret Water Garden (part II)	1	17/5/2016	CSC, anand	CSC staff	24	
38	An Inconvenient Truth	1	18/5/2016	CSC, anand	CSC staff	15	
39	Birds of Gods	1	19/5/2016	CSC, anand	CSC staff	35	
40	Life of Jim Corbett	1	20/5/2016	CSC, anand	CSC staff	20	
41	Can we survive the death of sun (Through the wormhole)	1	21/5/2016	CSC, anand	CSC staff	30	
42	Biodiversity quiz	1	28/5/2016	CSC, anand	CSC staff	26	300/-
43	School Visit - Darshan Society	1	3/6/2016	CSC, anand	CSC staff	50	500/-
43	Visit of Science Hall	1	3/6/2016	CSC, anand	CSC staff	50	
44	Bird of Narsinh Talav Movie	1	3/6/2016	CSC, anand	CSC staff	50	
45	Radio Recording	1	4/6/2016	At Community Radio Station, Radio Campus 90.4 FM, SPU, Vallabh Vidyanagar	Sarda Joshi, Anchored by Chandi Shah	Local radio listeners.	
46	Astronomy Lecture & Sunspot Observation in Astronomy Summer Camp	1	5/6/2016	CSC - Bhavnagar	Prof. B.Y. Thakore	40	
47	Sky Gazing in Astronomy Summer Camp	1	5/6/2016	CSC - Bhavnagar	Prof. B.Y. Thakore	60	

48	Biodiversity lecture	1	5/6/2016	Mahatma Gandhi Vidyalaya, Mogri	Shaikh Sir , Anand	300	
49	Plantation programme	1	5/6/2016	Karamsad	C.J.Patel School - Karamsad	75	
	School Visit - Daxina Murti	1	23/6/2016	CSC, anand	CSC staff	45	450/-
50	Visit of Science Hall	1	23/6/2016	CSC, anand	CSC staff	45	
51	Bird of Narsinh Talav Movie	1	23/6/2016	CSC, anand	CSC staff	45	
	Waymade college visit	1	5/7/2016	CSC, anand	CSC staff	52	600/-
52	Science Hall visit	1	5/7/2016	CSC, anand	CSC staff	52	
53	Movie (An Inconvenient Truth)	1	5/7/2016	CSC, anand	CSC staff	52	
54	Broadcast Radio talk on - World Population Day	1	10/7/2016	At Community Radio Station, Radio Campus 90.4 FM, SPU, Vallabh Vidyanagar	Dr. Mohanbhai Patel,SPU,Vallabh Vidyanagar, Anchored by Ujjval Trivedi	Local Radio Listeners	
55	Broadcast Radio Talk on 'Snakes our Friends'	1	12/7/2016	At Community Radio Station, Radio Campus 90.4 FM, SPU, Vallabh Vidyanagar	Dr.Rajiv Bhatti & Anchored by Darshna Pandya	Local Radio Listeners	
56	National Children Science Congress : Teacher Meeting & Takula Co-ordinator Meeting	1	21/7/2016	CSC	Dr. Ujjval Trivedi, Prof. B.Y.Thakore, Diet Coordinator	30 Teacher, 2 DIET Co-ordinator	500/-
57	National Science Seminar	1	3/8/2016	CSC	Prof.B.Y.Thakore Dr.Ujjval Trivedi,K.C.Patel,Amruta Madum,CSC Staff	100 Students,10 Teacher	5000/-
58	Broadcast Radio Talk on Hiroshima Day	1	5/8/2016	At Community Radio Station, Radio Campus 90.4 FM, SPU, Vallabh Vidyanagar	Prof.K.N.Joshipura & Anchored by Darshna Pandya	Local Radio Listeners	
59	Science Movie - An Inconvenient Truth	1	12/8/2016	CSC	CSC Staff	35 Students, 2 Teacherss	400/-
	S.D.Desai High School - Visit	1	19/8/2016	CSC	CSC Staff	48 Students, 2 Teacherss	600/-
60	Visit of Science Hall	1	19/8/2016	CSC	CSC Staff	48 Students, 2 Teacherss	

61	Science Movie - Gravity	1	19/8/2016	CSC, anand	CSC Staff	48 Students, 2 Teacherss	
62	District level competition of National Rural IT Quiz	1	24/8/2016	At Gnayoday Bhavan , SPU, Vallabh Vidyanagar	CSC	135 students , 25 teachers	10,000/-
63	Teacher Visit - Zen School	1	30/8/2016	CSC	CSC Staff	15 Teachers	150/-
64	School Visit - Zen School	1	31/8/2016	CSC	CSC Staff	25 Students & 3 Teacher	300/-
65	Visit of Science Hall	1	31/8/2016	CSC	CSC Staff	25 Students & 3 Teacher	
66	Science Movie - The Story of Louis Pasteur	1	31/8/2016	CSC	CSC Staff	25 Students & 3 Teacher	
67	B.Ed. Students - Oral; Quiz	1	7/9/2016	CSC	Chandni Shah	30 student	500/-
68	Broadcast Radio Talk on " Tarunavastha Darmyan Poshan"	1	7/9/2016	At Community Radio Station, Radio Campus 90.4 FM, SPU, Vallabh Vidyanagar	Prof.Bhavna Chauhan & Anchored by Darshna Pandya	Local Radio Listeners	
69	Broadcast Radio Talk : Kuposhan : "Ek Shant Katoti"	1	10/9/2016	At Community Radio Station, Radio Campus 90.4 FM, SPU, Vallabh Vidyanagar	Prof.Neeta Dave & Prof. Viraj Roghelia, Anchored by Darshna Pandya	Local Radio Listeners	
70	Visit to Chikhodara Kumar Shala - Chikhodra	1	20/9/2016	CSC	CSC Staff	70 Students , 4 Teachers	800/-
71	Visit of Science Hall	1	20/9/2016	CSC	CSC Staff	70Students , 4 Teachers	
72	Vikaram Sarabhai Movie	1	20/9/2016	CSC	CSC Staff	70 Students , 4 Teachers	
73	National Chlidren Science congress DISTRICT LEVEL	1	27/9/2016	CSC	CSC staff & Volunteers	150 Students, 20 Teachers	8000/-
74	Distric level Mathematics, science & environment fair	1	5/10/2016	Ratanpur,Umreth	CSC staff & Volunteers	More then 10000	1000/-
75	Distric level Mathematics, science & environment fair	1	7/10/2016	Sarsa Paramguru Pathshala	CSC staff & Volunteers	More then 10000	1000/-

74	Distric level Mathematics, science & environment fair	1	8/10/2016	Sarsa Paramguru Pathshala	CSC staff & Volunteers	More then 10000	1000/-
	Visit to Chikhodara Kanya Shala - Chikhodra	1	17/10/2016	At Chikhodara Kanya Shala	CSC staff & Volunteers	70 Students & 4 Teachers	800/-
75	Visit of Science Hall	1	17/10/2016	At Chikhodara Kanya Shala	CSC staff & Volunteers	70 Students, 4 Teachers	
76	Bird of Narsinh Talav Movie	1	17/10/2016	At Chikhodara Kanya Shala	CSC staff & Volunteers	70 Students , 4 Teachers	
77	Broadcast Radio Talk on :Health for Adolescence Girls"	1	17/10/2016	At Community Radio Station, Radio Campus 90.4 FM, SPU, Vallabh Vidyanagar	Dr. Neepa Modi,Karamsad Medical Karamsad& Anchored by Darshna Pandya	Local Radio Listeners	
78	Metting of advisory committee	1	21/10/2016	CSC	CSC staff	20 Teachers	500/-
	Visit D.N.High School - Anand	1	24/10/2016	CSC	CSC staff	20 Students , 5 Teachers	300/-
79	Visit of Science Hall	1	24/10/2016	CSC	CSC staff	20 Students , 5 Teachers	
80	Science Movie - Gravity	1	24/10/2016	CSC	CSC staff	20 Students , 5 Teachers	
81	Broadcast Radio Talk - Pruthvi nu Sarakshan	1	24/10/2016	At Community Radio Station, Radio Campus 90.4 FM, SPU, Vallabh Vidyanagar	Dhaval Patel,Vidyanagar Nature Club & Anchored by Darshna Pandya	Local Radio Listeners	
82	Broadcast Radio Talk - Prathmik Aarogya Kendra Khate Madti Vividh sevayoni jankari	1	25/10/2016	At Community Radio Station, Radio Campus 90.4 FM, SPU, Vallabh Vidyanagar	Dr Rajiv Bhatti & Anchored by Darshna Pandya	Local Radio Listeners	
83	Astronomy -Super Moon Observation		14/11/2016	Nadiad	Prof.B.Y.Thakore,Dhavalbhai Patel,Prof Dhaduk, Mukeshbhai, Prin.Alpesh Patel,Sunita bhatt,Ankit Soni,Malay parmar,Anand joshi	40 People	
	Diwali Vacation Special Science	5	15-	CSC	CSC Staff		1500/-

	Movie Week		19/11/2016				
84	Movie 2012	1	15/11/2016	CSC	CSC Staff	6 person	
85	The day after tomorrow	1	16/11/2016	CSC	CSC Staff	19 person	
86	Around the world in 80 days	1	17/11/2016	CSC	CSC Staff	20 person	
87	Into the Storm	1	18/11/2016	CSC	CSC Staff	20 person	
88	Broadcast Radio Talk on "India's Moon & 7 Mars Missions"	1	18/11/2016	At Community Radio Station, Radio Campus 90.4 FM, SPU, Vallabh Vidyanagar	Dr.Narendra Bandari & Anchored by Prof.K.N.Joshipura	Local Radio Listeners	
89	Gravity	1	19/11/2016	CSC, anand	CSC Staff	25 person	
90	Around the world in 80 days	1	19/11/2016	CSC, anand	CSC Staff	25 person	
91	Sky Gazing	1	19/11/2016	Junagadh	Prof.B.Y.Thakore, Ankit Soni, Dr. Ujjval Trivedi	300 Aprox	
	S.J.Patel English Medium School - Karamsad	1	25/11/2016	CSC	CSC Staff	50 students ,5 teachers	600/-
92	Visit of Science Hall	1	25/11/2016	CSC	CSC Staff		
93	Bird of Narsinh Talav Movie	1	25/11/2016	CSC	CSC Staff		
94	Broadcast Radio Talk on "Dumketu Suryamandalno Ek Adbhut Atithi"	1	28/11/2016	At Community Radio Station, Radio Campus 90.4 FM, SPU, Vallabh Vidyanagar	Dr. Kumarbhai Trivedi ADIT College & Anchored by Darshna Pandya	Local Radio Listeners	
	Knowledge Inst. Of Tech & Engg. - Bakrol - Visit	1	2/12/2016	CSC, anand	CSC staff & Volunteers	120 Students & 3 Teachers	1000/-
95	Visit of Science Hall	1	2/12/2016	CSC, anand	CSC staff & Volunteers		
96	Around the world in 80 days	1	2/12/2016	CSC, anand	CSC staff & Volunteers		
97	Broadcast Radio Talk on "Computers & Data Communication"	1	2/12/2016	At Community Radio Station, Radio Campus 90.4 FM, SPU, Vallabh Vidyanagar	Dr. Darshan Chokshi, Dept of Computer Science & Anchored by Darshna Pandya	Local Radio Listeners	
	SCHOOL VISIT -Mangalpura nagar prathamikshala	1	14/12/2016	CSC	CSC Staff	75 students, 4 teachers	500/-
98	Visit of Science Hall	1	14/12/2016	CSC, anand	CSC Staff	75 students, 4 teachers	

99	Bird of Narsinh Talav Movie	1	14/12/2016	CSC, anand	CSC Staff	75 students, 4 teachers	
100	Sky Gazing	1	15/12/2016	Vedavadan,Forest Department	Prof.B.Y.Thakore,Dr. Ujjval Trivedi,Dr.Rajiv Bhatti	Approx 200	
101	Astronomy - Interactive Lecture & Sunsport Observation	1	25/12/2016	Shanti Asiatic School - Surat	Prof. B.Y.Thakore	Approx 120	
102	Sky Gazing	1	25/12/2016	Shanti Asiatic School - Surat	Prof. B.Y.Thakore	Approx 120	
103	Sky Gazing , Astronomy Programme	1	1/1/2017	Dept of Physics	Prof. B.Y.Thakore, Dr. Brijesh Parikh, Ankit Soni	310 People	
104	Sky Gazing	1	2/1/2017	Dehmi - (NSS Camp Of NVPASS)	Prof. B.Y.Thakore	Approx 90	
	SPECT College - Visit (MSW Dept)	1	3/1/2017	CSC	CSC Staff	95 Students , 5 Teachers	1200/-
105	Visit of Science Hall	1	3/1/2017	CSC	CSC Staff	95 Students , 5 Teachers	
106	Around the world in 80 days	1	3/1/2017	CSC	CSC Staff	95 Students , 5 Teachers	
	SPECT College Vist (BSC Dept)	1	3/1/2017	CSC	CSC Staff	95 students, 5 teachers	1000/-
107	Visit of Science Hall	1	3/1/2017	CSC	CSC Staff	95 students, 5 teachers	
108	Around the world in 80 days	1	3/1/2017	CSC	CSC Staff	95 students, 5 teachers	
	Hindi Department Visit	1	7/1/2017	CSC	CSC Staff	27 Students , 3 Teachers	400/-
109	Visit of Science Hall	1	7/1/2017	CSC	CSC Staff	27 Students , 3 Teachers	
110	Around the world in 80 days	1	7/1/2017	CSC	CSC Staff	27 Students , 3 Teachers	
	English Department Visit	1	8/1/2017	CSC	CSC Staff	27 students, 3 teachers	500/-
111	Visit of Science Hall	1	8/1/2017	CSC	CSC Staff	27 students, 3	

						teachers	
112	“ GRAVITY” - Science Movie	1	8/1/2017	CSC	CSC Staff	27 students, 3 teachers	
	Anand Education College B.Ed Students Visit	1	9/1/2017	CSC	CSC Staff	60 students ,5 teachers	900/-
113	Visit of Science Hall	1	9/1/2017	CSC	CSC Staff	60 students ,5 teachers	
114	“INTERSTELLER” - <b>Science Movie</b>	1	9/1/2017	CSC	CSC Staff	60 students ,5 teachers	
115	Interactive Astronomy Lecture	1	9/1/2017	Forest Camp Site - Datheswar, Jamwala	Prof. B.Y.Thakore	50 person	
116	Sky Gazing	1	9/1/2017	Forest Camp Site - Datheswar, Jamwala	Prof. B.Y.Thakore	70 person	
117	Talk & Vedio Show About Uttrayan	1	10/1/2017	CSC, anand	Volunteers	50 students ,3 teachers	500/-

## Research

- Leadership programme for Female school Teachers ( Principal Investigator: Dr Dipali Gandhi)

**Fulfillment:** A number of programs have been conducted in keeping with the objectives and the Centre has started diversified activities to fulfil the objectives.

**Aims and Objectives:** We are a rural university established with the aim of uplifting the educational level of the local population, neighbouring towns, and interior villages and this was kept in mind in deciding on the priorities of Women’s Studies. Geographical proximity to cities such as Baroda and Ahmedabad has led to a section of the local female population here getting greater exposure though the other half remains largely backward. Thus, it was only natural that the major aim of the centre is one of capacity building in women.

The centre has been able to identify two categories: the educated and employed women; and unemployed women, college goers, teens etc ranging from the literate to the illiterate. The centre aims at capacity building in educated, employed woman with regard to managerial abilities such as communication skills, administrative skills, confidence building etc and facilitating support systems such as research, day-care-centers, old age homes etc At the same time, however, the centre has focused attention on building entrepreneurial skills in unemployed women from a slighter wider age group such as adolescents,



college girls. Even so, housewives and others form different SES. This broadly includes areas such as fabric embellishment, decorative accessories etc. and the exploration of opportunities for entrepreneurship through workshop on hairstyling, artificial jewellery etc.

### 3.10 Departmental Extension Activities

The postgraduate departments of the University also carry out extension activity besides teaching and research. The following is a department wise report of activities of year 2016-2017

#### DEPARTMENT OF CHEMISTRY

Name of Faculty	Nature of the Extension work with details
Dr. N. V. Sastry	Guided the faculty and students in planning various extension activities such as arranging talks, blood donation, cultural programs, inaugural and annual day functions etc under the chemical society
Dr. N. J. Parmar	Render my service to take part in various departmental activities like arranging programs under chemical society i.e. blood group donation camp, various competitions, sports activities. Also the seminar, conferences, symposium, refresher courses etc
	Enrichment of Campus Life (hostels, sports, games, cultural activities) Involved in sport activities, youth festival and other various competitions at departmental and university level.
	Students Welfare and Discipline: Inspire students to solve their practical difficulties. Guide them with better prospects in the field. Also support the campus interview by expert from well known industries for selecting our students for their firm.
	Professional Organizations of Teachers: a member of the Sardar Patel University Teacher Association (SPUTA)
Dr. H. M. Patel	Render my service to take part in various departmental activities like arranging programs under chemical society i.e. blood group donation camp, various competitions, sports activities. Also the seminar, conferences etc
	Enrichment of Campus Life (hostels, sports, games, cultural activities) working as rector in Aklavya Hostel and Involved in youth festival and other various competitions at departmental and university level.
	Students Welfare and Discipline: Inspire students to solve their practical difficulties. Guide them with better prospects in the field. Also support the campus interview by expert from well known industries for selecting our students for their firm.
	Professional Organizations of Teachers: a member of the Sardar Patel University Teacher Association (SPUTA)
Dr. P. N. Dave	Appointed as Additional Examiner for paper Chemistry-II in “Combined Geo-Scientists and Geologists Examination-2 17” conducted by Union Public Service Commission (UPSC), New Delhi during 1- 7-2 17 to 8- 7-2 17.
	Nominated as Member of Selection Committee of the interview for the post of Assistant Professor held on 23- 7-2 17 at Indian Institute of Teacher Education, Gandhinagar.
	Officiated as Chemistry Subject expert for the selection of Professor, Assistant Professor position at Krantiguru Shyamji Krishna Verma Kachchh University, Bhuj on 29- 9-2 17.

	Appointed as Member Secretary for Academic /Visiting Faculty Programme of Department of Chemistry with effect from 8/ 8/2 17.
	Appointed as Member Secretary of DIQAC Committee of Department of Chemistry with effect from 8/ 8/2 17.
	Appointed as Member of time Table Committee of Department of Chemistry with effect from 8/ 8/2 17
	Prepared Department of Chemistry,59 <sup>th</sup> Annual Report: 2 16-2 17 ( 1- 4-2 16 to 31- 3-2 17).
	Prepared Department of Chemistry, Annual Quality Assurance Report (AQAR) Report: 2 16-2 17 ( 1- 7-2 16 to 3 - 6-2 17)
	Prepared Department of Chemistry, important Academic activities of faculties Report: 2 16-2 17 (16-12-2 16 to 15-1 -2 17).

#### DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

Name of Teacher	Nature of the Extension work with details
Prof. D. B. Shah	<ul style="list-style-type: none"> <li>Guidance given to MCA 5 6 and MCA 6 1 students for project</li> </ul>
Prof. D. B. Choksi	<ul style="list-style-type: none"> <li>Dr. D.B.Choksi worked as a Central Coordinator of the Spoken Tutorial based Software Training Program for Sardar Patel University in collaboration with IIT Bombay, September 2 15.</li> </ul>
Prof. P.S. Sajja	<ul style="list-style-type: none"> <li>Worked as a jury member for evaluating Ph.D. thesis submitted by faculty members of GLS University/ Projects submitted by Masters' Students for the Best Thesis Award, GLS University</li> <li>Worked as a committee member for Gender audit by IQAC, SPU and visited university departments on 2<sup>th</sup> and 21<sup>st</sup> September 2 16.</li> <li>Coaching provided to Net classes at the SP University</li> <li>Serving as an expert in Ph.D. evaluation and viva-voce for many Universities.</li> <li>Activities such as syllabus framing, paper setting, moderation of papers, and project viva for many Universities and a national level education society.</li> <li>Guided many post graduate level projects by students</li> <li>Acted as a member of a Radio (Sub) Committee by S P University for Computer Science Department</li> <li>Serving as an expert in faculty recruitment for many institutions.</li> </ul> <p>Active participation in many international and national academic events in different capacities.</p>
Mr. B. B. Patel	<ul style="list-style-type: none"> <li>Rendered services as Internal Guide for MCA-V semester students in-house project development.</li> <li>Serving as a committee member in Purchase, Web-site administration (Computer Science Department,SPU) , etc. constituted by the Department</li> </ul>
Dr. B. V. Patel	<ul style="list-style-type: none"> <li>Worked as a member of Placement Cell at Department Computer of Science, SPU.</li> <li>Worked as a Nodal Officer of ACPC Help Center at Department Computer of Science, SPU.</li> </ul>

	<ul style="list-style-type: none"> <li>• Worked as Co-Coordinator / Examiner in CCC Examination at Comp. Sci. Department, SPU.</li> <li>• Actively worked for taking approval from AICTE for MCA (SF) course in the department for the year 2017-18.</li> <li>• Actively worked for Fee Regulatory Committee (FRC) matters of MCA (SF) Programme of Department Computer of Science, SPU.</li> <li>• Guided more than 1 students of MCA for In-house project work during their 5<sup>th</sup> semester.</li> <li>• Guided 11 students of MCA for their project work during their 6<sup>th</sup> semester.</li> <li>• Committee Member of Online Admission Management System of Sardar Patel University.</li> <li>• Guided students in Department of Computer Science who are working for Online Admission Management System of Sardar Patel University.</li> </ul>
Dr. H. B. Pandit	<ul style="list-style-type: none"> <li>• Worked as a Nodal Officer of ACPC Help Center at Department Computer of Science, SPU.</li> <li>• Worked as Examiner in CCC Examination at Comp. Sci. Department, SPU.</li> <li>• Actively worked for sports and co-curricular activities at Comp. Sci. Department, SPU.</li> </ul>
Dr. J. A. Trivedi	<ul style="list-style-type: none"> <li>• Worked as Examiner in CCC Examination at Comp. Sci. Department, SPU.</li> </ul>

#### DEPARTMENT OF ELECTRONICS

Dr. V. S. Vaishnav	Worked on the panel of jury at an Inter school Patriotic Action Song Competition organized jointly by M.S.MistriSchool, CharutarVidyamandal and the Rotary Club, Vallabh Vidyanagar on 12 <sup>th</sup> August, 2016
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#### DEPARTMENT OF MATHEMATICS

P A Dabhi	Conducted sessions on Problem Solving in Mathematics for students of M.Sc./M.Phil. Mathematics during summer vacation May-June 2016.
D J Karia	Organized a workshop on AISHE for Nodal Officers of the Colleges Affiliated to the Sardar Patel University, Organized a workshop on Problem Solving in Mathematics

#### DEPARTMENT OF MATERIALS SCIENCE

Dr.Miss. R.H.Patel	<ul style="list-style-type: none"> <li>• Act as Convener of the workshop NWCTM-2017 organized by the department.</li> <li>• Helped the Ph.D , M.E and M.Tech students of other universities for the analysis of samples using RAMAN spectrometer, BET Surface analyzer and SEM etc.</li> <li>• Worked as a judge of the poster competition in Emerging trends and opportunities in interdisciplinary sciences(ETIOS-2017) organized by CISST on 3<sup>rd</sup> February 2017,SPU.</li> </ul>
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Dr.N.M.Batra	<ul style="list-style-type: none"> <li>Time to time provide general information to the college students, their parents and members of community about Materials Science and the on going Post Graduate program in the subject at Sardar Patel University, Vallabh Vidya Nagar .</li> </ul>
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#### DEPARTMENT OF HOME SCIENCE

	Organized extension program at Jagrut Mahila Sangathan, Anand , Nation Nutrition week was celebrated in the department
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#### DEPARTMENT OF PHYSICS

Prof. B.Y. Thakore	As Hon. Director, C C Patel Community Science Centre, Sardar Patel University, planned, arranged and successfully conducted public awareness and popularization of science related activities for citizens, and students from schools, colleges and university of the whole Anand district.
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#### DEPARTMENT OF ECONOMICS

Dr. Kinjal Ahir	Took the students of MA Economics of first year for a visit to the SPU museum on 4.8.2 16
Prof. Dilip Chauhan, Dr. Jignesh K. Barot and Dr. Vijay S. Jariwala	A One Day Study Tour Organized for M A Sem- II and IV students and visited Polo Forest , POLO Forest Area, Taluk Vijaynagar, Dist. Sabarkantha, Abhapur, Gujarat
Prof. H P Trivedi, Prof. Dilip Chauhan, Dr. Kinjal Ahir, Dr. Jignesh K. Barot and Dr. Vijay S. Jariwala	Organized Sports Day, for M.A. Sem- I and Sem. IV students during December, 2 16
Dr. J. K. Barot & Dr. Vijay Jariwala	Took the students of M.A. Economics of first year for a visit to the AMUL
Dr. J. K. Barot & Dr. Vijay Jariwala & Dr. Sonal Bhatt	A One Day Study Tour Organized for M A Sem- I and III students and various places of Panchmahal and Narmada Districts, Gujarat

#### DEPARTMENT OF BUSINESS ADMINISTRATION (MBA)

	Tree plantation in Department, contributing personally and financially to an NGO namely RRSA for Animal Welfare
	Worked as Organizing Secretary of Anveshan – Student’s Research Conventions, 28 February 2 17

	Campus Ambassador, Election Commission, Gandhinagar
	Organized a community awareness seminar for promotion of e-payment

#### DEPARTMENT OF POLITICAL SCIENCE

	Member of the Executive S.P. Uni. Co-op consumers store Ltd. V.V. Nagar
	Rector, Mens Hostel I & II, S.P. Uni., V.V. Nagar
	Founder Secretary Dr. Ambedkar pragati Mandal Akhij
	Life Member Mahesana Dist. Nagrik Mitra Mandal, Anand
	Active Member Kadam Manav Sangh, Anand
	Active Member council for social justices, Ahmedabad
	Life Member of Sant Shri Rohidas Seva Samaj Gujarat, Gandhinagar. (Reg. No. 1746)
	Executive member of Gandhi Shanti Chhatra Sangha, Ahinsha Sodh Sanstha, Gujarat Vidyapith, Ahmedabad

#### DEPARTMENT OF PSYCHOLOGY

Prof.S.M.Makvana	Different lecture delivered by expert and student are working in at home and different places of extension work
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#### DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

Name of Teacher	Nature of the Extension work with details
Dr.N.D.Oza	Motivated and Directed the students of the Department's as well as neighbors nearby residence for the Cleanliness
Dr.N.D.Oza and Students	Visited and attempted to help the Old Age Persons at Old Age Home, Lambhvel
Dr. J.C. Makwana	Aware about library, Social role of library, New trends of library
Dr. L.N. Zala	Aware about library, Social role of library, New trends of library

#### DEPARTMENT OF ENGLISH

Dr J H Khan	Work with the Academic Staff College, Sardar Patel University, Vallabh Vidyanagar and Gujarat University & K C G Ahmedabad as Resource Person and when invited to do so
Dr R K Mandalia	
Dr P J Dave	

## DEPARTMENT OF GUJARATI

Dr. Pinakini Pandya	Convener, Women Cell, SPU
	Convener, Community Radio Station, SPU
	Women Empowerment Programme, Aug.-2 16 (As Convener & Programme Coordinator, Women Cell)
	Orientation Programme, July.-2 16(As Convener & Programme Coordinator, Women Cell)
	Gender Audit Programme, July-2 16 (As Convener & Programme Coordinator, Women Cell)
	Natyosav, 19- 1-2 17 to 23- 1-2 17 (As Convener & Programme Coordinator, Women Cell)
	Finance Management Programme, 9- 3-2 17(As Convener & Programme Coordinator, Women Cell)
	State Level Seminar on Women and Law, 21- 3-2 17

## CHAPTER– 4

### INFRASTRUCTURE AND LEARNING RESOURCES

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We have been able to create and put to good learning resources. Money has never been a constraint, thanks to the generous funding made available by the UGC and the State Government from time to time. We have been able to strengthen our libraries with the latest books in each and every subject-discipline. We have paid heed to the need computer literacy and the use of computers as a learning resource. Thanks to the UGC and the Government of India initiatives, we have access to a variety of subject-specific journals through INFLIBNET and other sources. Internet connectivity with high bandwidth is available to all teachers in the University as well as to learners and research scholars in our libraries.

#### 4.1 The Uses of Computers as a Learning Resource in the University are Manifold.

- 1 **Computers and Computing:** We use the computers as office automation tool for data management, data mining, and research. The basic use of computers is being taught in all the departments
- 2 **Internet Connectivity:** The University has provided Internet connectivity to all Postgraduate Departments with sufficient nodes. Postgraduate students, MPhil and PhD scholars are encouraged to use this facility. Effective use of the Internet for literature search and E-transfer of data is greatly helping students and researchers alike in preparations for seminars, designing research and project proposals, updating and refining their dissertations and theses, and electronically communicating and managing their research papers. Over and above all this, it has become an extraordinary powerful means of establishing and maintaining academic contact and information exchange with other workers and peers, greatly enhancing research effort. In many cases, this had led to joint publications of research papers. The faculty and students are actively using the e-resources provided under the UGC-INFONET programme.
- 3 **Training for freeware:** The University has begun to train students in the effective use of relevant freeware. The use of the technical software LaTeX is taught to MPhil/PhD scholars in the University Departments of Mathematics, Statistics, and Physics with a view to equipping them with the necessary skills to be able to prepare technical material.
- 4 **Training in specialized software:** Relevant computer courses with practical training on computers are offered in many Departments. Besides computer programming course of varying degrees of sophistication, also include training students in effective use of readily available specific software like FORTRAN in Physics, MATLAB and MATHEMATICA in Mathematics, SPSS in Statistics, SOUL in Library Science etc.
- 5 **Analytical ability:** Teaching of courses like Computers and Statistical methods in the Department of Biosciences, Department of Home Science and Departments of Social Sciences helps learners acquire important analytical ability for experimental studies as well as enable them to use many modern scientific equipments with which computers remain attached effectively in modern times.
- 6 **Software Development:** The Department of Computer Science and Technology trains students in the design and development of software.
- 7 **Computers as teaching aid:** We have begun to explore the full potential of computers as an effective teaching aid. We encourage the use of multimedia in classroom teaching. A section of the members of faculty in some Departments have succeeded in designing software to meet their needs: to prepare their PowerPoint presentation slides; to facilitate classroom teaching; and to keep assignments as well as reading materials on servers so that soft copies can be accessed through work stations. Most Departments have software tools required for developing computer-aided

teaching-learning materials. The Department of Computer Science and Technology designs computer-aided instructions packages as aids for teaching and learning.

- 8 **E-Groups:** Dr D J Karia of Mathematics Department has initiated and is coordinating the following academic e-groups:

1. ugcnetmath@yahoogroups.com
2. topologicalalgebras@yahoogroups.com

Of course, we have begun planning to establish LAN connecting all Departments, all administrative units and the library for fast and efficient data transmission. We are also exploring the possibility of online teaching and examination.

#### **Numbers of Computers at University Departments and Administrative Sections**

<b>No</b>	<b>Department</b>	<b>No of Computers</b>
1	Biosciences	59
2	Business Studies	66
3	Computer Science	209
4	Chemistry	40
5	Economics	35
6	Education	15
7	Electronics	51
8	Gujarati	19
9	Hindi	08
10	History	03
11	Home Science	25
12	Library & Information Science	38
13	Materials Science	25
14	Mathematics	105
15	Business Administration (MBA)	113
16	Social Work (MSW)	21
17	Physics	88
18	Political Science	03
19	Psychology	05
20	Pharmaceutical Science	26
21	Sanskrit	05
22	Sociology	08
23	Statistics	152
24	University Instrumentation Centre (USIC)	04
25	Centre for Interdisciplinary Studies in Science & Technology (CISST)	24
26	University Administrative Building (Main Office)	88
27	Computer Centre	67
28	Bhaikaka Library	31
29	Humanities Building Office	49
30	University Press	13
31	University Museum	03
32	MB Patel College of Education	33
33	University Health Centre	03
34	Agro Economics Research Centre	43
35	C C Patel Community Science Centre	02
36	Community Radio Station	01
<b>Total</b>		<b>1480</b>



**In all Basic Sciences and couple of Humanities and Social Science Postgraduate Departments, there are separate computer laboratories.**

## **4.2 LIBRARY AS A LEARNING RESOURCES**

A unique feature of the library system in Sardar Patel University is that there is a Central Library (Bhaikaka Library) with satellite libraries in the form of departmental libraries in each department.

### **(A) Bhaikaka Library**

Bhaikaka Library, named after the illustrious founder of the educational township as well as the University, came into existence in 1957, with the purchase of 3000 books. A grant of Rs.10 lacs (2/3, 1/3 sharing basis) was provided by UGC for the construction of the library building and purchase of furniture and equipment. The present library building was inaugurated by the Late Prime Minister, Shri Lal Bahadur Shastri on 31<sup>st</sup> October, 1964.

Bhaikaka Library is a four-story building, with one boys reading rooms and one ladies reading room. The capacity of ladies reading room is 100+ students and boys reading room 350+ students in each. The stack area is divided in four parts in to various subjects. The students can access the documents from consisting of books, periodicals, theses, dissertation, reference books, e-resources and non-book material.

The membership of the Bhaikaka Library is made available to the students, teaching staff, non-teaching staff as well as affiliated college staff and students and retired staff of Sardar Patel University and we are also providing guest membership.

**(I) Library Automation:** Soul 2.0 Software is use for library Automation.

**(II) Collection:** Books - **2, 47,863** (2016-17)

Periodicals: National – **199** International – **66**, E-Journals - **02**

E journal – **15,000+** (under the shodhsindhu)

E-books- **33, 00,000 +** (under the world public library, provided by INFLIBNET under the Shodhsindhu e-resources)

**Non-book collection - 833**

**Theses - 2570**

#### **Special Collection**

- American Collection
- Gandhian collection
- Sardar Patel collection

**(III) Library Services:** The library provides following services to users.

Reading Room Facilities	Reference Services
Internet Facilities	Online Public Access Catalogue (OPAC).
Cyber Café	CD Writing
Women's Reading Room Facilities	Current Awareness Services
Documentary Delivery Services	Selective Dissemination Information (SDI)
Photocopying facilities	Wi-Fi
Career Corner	News Paper Clipping

#### **(IV) Membership:**

- DELNET (Developing Library Networks), New Delhi
- INFLIBNET (Information and Library Network), Gandhinagar

#### **(V) University Publications:**

Bhaikaka Library is looking after all the activities related to Publication since the inception of University.

The University has been publishing the following Journals/Bulletins and doctoral theses on regular basis.

#### **Journals:**

- (a) *Sheel Shrutam* (Monthly news bulletin of the University)
- (b) *Vocational Guide* (University Employment Bureau)
- (c) *Journal of education and psychology* (Department of Education, Sardar Patel University, Vallabh Vidyanagar)
- (d) “*Artha Vikas*” (Department of Economics, Sardar Patel University, Vallabh Vidyanagar)
- (e) *PRAJNA*-University Journal of Basic Science
- (f) *PRAJNA*-University Journal of Social Science and Business Studies
- (g) *Journal of Engineering and Technology* (Birla Vishwakarma Mahavidyalaya)
- (h) *Mimansa*-Journal of English Literature (Department of English, Sardar Patel University)
- (i) *Synergy*-Journal of Business Studies Administration (Department of M.B.A., Sardar Patel University).

Books:

**We have received 09 proposals for publishing of books during the year 2016-17.**

#### **(VI) Important Features:**

- (1) Library Website: [http://www.spuvvn.edu/administration/service\\_centres/library/](http://www.spuvvn.edu/administration/service_centres/library/)
- (2) Web OPAC: <http://172.16.120.3/webopac/main.aspx>
- (3) Career Corner: New Library Service called “Career Corner” is started for the students where they are able to read various competitive exams books like, Railway Recruitment Board, IAS , IPS, UGC-NET / SLET, Banking Recruitment, GPSC, etc.
- (4) Institutional Repository: Create an Institutional Repository with D-Space digital library software.
- (5) Anti Plagiarism: We are use ‘Urkund’ and ‘Turnitin’ software for Plagiarism checking.

#### **(B) Departmental Libraries**

The departmental library in almost every department caters to the specific needs of respective department. These libraries contain recent issues of research journals, textbooks in respective subjects, as well as the books obtained Through gratis or purchased from research project/s over the years. They also contain non-traditional reading material, photocopied and loosely bound editions. These libraries have Internet connectivity and library staff (in some cases). There are reading rooms attached to these libraries, and books are issued to students of the department regularly on demand.

**DEPARTMENTAL LIBRARIES**

Sr No	Department	Carpet Area (Square Feet)	Seating Capacity
1	Department of Biosciences	925	25
2	Department of Chemistry	3750	40
3	Department of Computer Science	900	25
4	Department of Electronics	1200	35
5	Department of Home Science	400	12
6	Department of Materials Science	400	12
7	Department of Mathematics	2166	45
8	Department of Physics	1000	27
9	Department of Statistics	525	10
10	Department of Business Administration(MBA Programme)	5230	50
11	Department of Business Studies	200	5
12	Department of Economics	600	15
13	Department of English	1800	45
14	Department of Gujarati	800	20
15	Department of Hindi	300	8
16	Department of History	100	2
17	Department of Political Science	450	12
18	Department of Psychology	2000	45
19	Department of Education	1500	35
20	M B Patel College of Education		
Total Carpet Area of All Departmental Libraries		23880	

**NBHM-DAE REGIONAL LIBRARY IN HIGHER MATHEMATICS IN THE DEPARTMENT OF MATHEMATICS**

National Board for Higher Mathematics (NBHM) is an autonomous Board under the Department of Atomic Energy (DAE), Government of India. The NBHM has an ambitious plan of developing a network of rich high-level regional library system on higher mathematics in the country. The regional library for the western region is getting developed in the Department of Mathematics as a national facility.

**Highlights:**

- Housed in the department with separate cataloguing.
- Funded by the National Board for Higher Mathematics, Department of Atomic Energy, Government of India.
- Annual Grant ₹ 32,00,000/- (Total grant so far in tune with 2.1 Crores)
- About 5000 books of Teaching and Research Level in Mathematics.
- 46 Journals subscribed; Back volume of 50 Journals
- Free membership to anyone interested in Mathematics.
- Access to the library to visitors (up to extended hours on request).
- Two High Speed Photocopying Machines with Computer Connectivity.
- Internet Connection with access to e-resources through INFLIBNET.
- Supply of photocopies on request.
- Circulation of Library News Letter for to update users outside SPU
- MATHSCINET
- SOUL Server

### 4.3 Central Facilities

#### (A) University Computer Centre

G H Patel Computer Centre is the hub responsible for automation in the University. It is also responsible for establishing ICT facilities in the University. The new developments that have taken place in this academic year include:

1. Installation of a new ERP for student life cycle management. Computer Centre has played a pivotal role making it workable by training the users of the University and its affiliated colleges. The system has helped in establishing online admission process. Several other modules which are related to student enrolment, examination result (pre, on and post) are tested and working perfectly.
2. Many departments were provided Wi-Fi facilities. The networking infrastructure is strengthened. Total internet users have gone up to 1000 including Wi-Fi users.
3. The Work Flow System was developed and will be functional from the next academic year. This system will help in fast movement of files and help to establish a paperless environment.

The Computer Centre staff viz. Data Entry Operators was trained on the new process of data entry.

#### (B) USIC

**University Science Instrumentation Centre (USIC)** extends its Maintenance, Repairs and Fabrication Support Services to all the under-graduate colleges and postgraduate departments of Sardar Patel University in the areas of Electronics, Electrical, Mechanical and Glass Blowing. We wide this activity earned consultancy charges of ` 1,74,285 for year 2016-2017.

Apart from above, other utility and essential services as mentioned and listed below are also offered and provided by USIC on regular day to day basis.

- Audio Services – Maintenance and Operational for the entire University.
- Light and Heavy Fabrication work at its well equipped Mechanical workshop.
- Repairing of Electrical, Electronic instruments/Gadgets.
- Repairing of Optical Instruments
- Entire Telephony Network of the University is maintained by USIC Technicians including maintenance of individual EPABX's housed in Postgraduate departments
- Air Conditioning and Refrigeration Services (Regular Service and Maintenance) of all window and Split AC's Water Coolers, Deep Freezers etc is provided by USIC technicians.
- Design, Development and Fabrication of various Instruments as per requirements of Research Scholars.
- Glass Blowing services (Repairs and fabrication of Glassware)
- Glass Blowing services (Repairs and fabrication of Glassware)
- Number of Job Cards Attended during the Year (2016-2017): > 500

#### (C) University Museum

##### Up-gradation of Museum Galleries

- Prepared 12 photo-info-panels (6x4 feet each) which are printed on vinyl sheet and pasted on Aluminum ACP Sheets and displayed (some fixed on wall and some were hung from the ceiling) in the Asian Art Gallery at Museum. The topics of Photo-Info-Panels are as follows....
  - Panel No. 1: Indian Visual Arts
  - Panel No. 2: Indian Architecture (Post Indus Valley Civilization)
  - Panel No. 3,4,5 and 6: Temple Architecture
  - Panel No. 7 and 8: Indo-Islamic Architecture
  - Panel No. 9 and 10: Indian Sculpture

- Panel No. 11: Gupta Sculpture
- Panel No. 12: Medieval School of Sculpture
- Editing of text and images is in progress to prepare more 5 photo-info-panels (6x4 feet each) based on following topics.....
  - Indian Painting
  - Mughal School
  - Deccan Schools
  - Central Indian and Rajasthani Schools
  - Pahari Schools
  - Indian Literature through Ages
  - Medieval Literature and Modern Indian Literature

### **Composite Register**

- Composite Register for Bronze objects of Museum's collection is prepared. This register consists of identification and brief description of object along with its respective location in the Museum's Reserve Store and in the Gallery Display. Detailed documentation of objects is in progress

### **Educational Activities**

- Under "Museum Awareness Program"; Museum has invited various schools/colleges of Vallabh Vidyanagar-Anand. In such Museum visits, the students were given an orientation lecture by Museum-Curator and followed by a guided tour to the Museum galleries. At the end of each conducted visit, Museum has made an arrangement of documentary show for School students (available in English/Hindi) on LCD. Over 6000 school/college students along with teachers have been visited Museum under these activities.

### **Illustrated Activity Sheets**

Museum has experimented for Illustrated Activity Sheets on trial basis. As a part of Museum visit, the sheets consists of questionnaire about Museum display were given to students from various English medium schools to solve them. Students were required to visit Museum Galleries along with those sheets to solve them. The response from students was very good. They enjoyed the process and liked the way of self learning. Over and above Schools were also happy to have documented evidence of Museum visit for the sake of their record.

Furthermore, the process of making such Activity Sheets for Gujarati Medium School is in progress

### **Acquisition**

Museum had acquired objects as follows....

- PA Lectern System Model No. WSL 2500R (Ahuja make) is purchased from Deepak Agencies, Vadodara. The Museum has acquired this PA System from the donation received from Shri N. H. Shastri
- 34 coins of British India and Independent India were donated to the Museum by Dr. Prabhat Kasara, PG Department of Education, Sardar Patel University.
- Rolled Paper document/manuscript, c. 18<sup>th</sup> Century A.D. was donated to the Museum by Shri Kanti Kansara, Vadodara
- One wood fossil and two marine fossils were donated to Museum by Shri Jaykrushna Patel, Member Anand Philatelic Association
- 

### **Museum's Exhibitions**

The reviews of the following exhibitions were published in all local news papers. Local news channels had also shown the event coverage.

- **"19"**

An exhibition of Photography  
(March 22 to 23, 2017)

The exhibition was jointly inaugurated by Prof. Shirish Kulkarni, Hon. Vice-Chancellor of Sardar Patel University and Shri Mukesh Acharya, well-known Photographer of Ahmedabad. This exhibition was organized in collaboration with CVM College of Fine Arts, Vallabh Vidyanagar.

- **“C for Camera”**

(August 19 to 24, 2017)

This was an exhibition of Vintage Cameras and Photos of Indian Monumental Heritage from the collection of Shri Ramesh Baria. The exhibition was inaugurated on 19<sup>th</sup> August i.e. on ‘World Photography Day’ by Shri. Rohit J. Patel, Minister of State (Industry, Mines and Minerals, Finance) Government of Gujarat and Prof. Shirish Kulkarni, Hon. Vice-Chancellor of Sardar Patel University

- **“Philatelic and Numismatic Exhibition 2017”**

(September 8 to 10, 2017)

The exhibition was based on Postal Stamps and Coins as well as Currency Notes from the collection of members of Anand Philatelic Association. This collaborative exhibition was inaugurated by Dr. Punit Dixit, Retired Scientist ISRO.

### **Museum Orientations**

Museum Orientations were organized at Museum for the students of various institutions namely....

- Jai Jalaram International School, Anand 05.12.2016
- Dept. of Hindi, SPU 07.01.2017
- Anand Education College 09.01.2017
- M. S. Mistry School, Vallabh Vidyanagar 09.02.2017
- CVM College of Fine Arts, Vallabh Vidyanagar 09.02.2017
- Exchange Program, students from 7 North East States and delegates from MSU 21.12.2016
- Dept. of Hindi, Sardar Patel University, Vallabh Vidyanagar 07.01.2017
- Anand Education College, Anand 09.01.2017
- M. S. Mistry High School, Vallabh Vidyanagar 09.02.2017
- Bavisgam Vidyalaya, Vallabh Vidyanagar 04.07.2017
- Dakshinamurti High School, Vallabh Vidyanagar 05.07.2017
- M. S. Mistry High School, Vallabh Vidyanagar 06.07.2017
- M. S. Mistry High School, Vallabh Vidyanagar 07.07.2017
- Shristi English Medium School, Anand 12.07.2017
- I. B. Patel Wnglish School, Vallabh Vidyanagar 14.07.2017
- T. V. Patel High School, Vallabh Vidyanagar 19.07.2017
- Dakshinamurti High School, Vallabh Vidyanagar 20.07.2017
- Aadarsh Nivasi School, Vallabh Vidyanagar 20.07.2017
- T. V. Patel High School, Vallabh Vidyanagar 21.07.2017
- Nalini And Arvind Arts College, Vallabh Vidyanagar 25.07.2017
- CVM College of Fine Arts, Vallabh Vidyanagar 28.07.2017
- Anand Nagar Palika School (No.10) 03.08.2017
- T. V. Patel High School, Vallabh Vidyanagar 04.08.2017
- Shri Saraswati Vidya Vihar 04.08.2017
- Podar International School, Anand 21.08.2017
- Pintos’ English Medium High School, Anand 22.08.2017
- I. B. Patel English School, Vallabh Vidyanagar 23.08.2017
- Shristi English Medium School, Anand 23.08.2017
- Shemford Futuristic School, Anand 23.08.2017
- N. S. patel Arts College, Anand 24.08.2017
- Dept. of Gujarati, Sardar Patel University 04.09.2017
- Bavisgam B.Ed. College 08.09.2017
- I. B. Patel English School, Vallabh Vidyanagar 09.09.2017

- Shemford Futuristic School, Anand 09.09.2017
- Jai Jalaram International School, Anand 15.11.2017
- Jai Jalaram International School, Anand 16.11.2017
- PTC College, Valasan 18.11.2017
- Jai Jalaram International School, Anand 18.11.2017

### **Special Workshop**

- One Day Museum Orientation Workshop consisting of slide presentation, lecture, gallery talk, group discussion and feedback session was organized for PG History Students of N. S. Patel Arts College, Anand on 24.08.2016
- One day workshop on the subject of “Philately” was organized at Museum in collaboration of Anand Philatelic Association on September 9, 2017. Dr. Punit Dixit, Retired Scientist, ISRO was the resource person. More than 30 members of APA were participated in the workshop.

### **Guest Lectures**

- “Lothal, the only *in-situ* Archaeological Site of India” a guest lecture was delivered by Museum-Curator at N. S. Patel Arts College on 10.02.2017
- “History and its relation with Museum” a guest lecture was delivered by Museum-Curator at Anand Institute of PG Studies in Arts, Anand on 06.03.2017
- “Museum as a Learning Tool” a guest lecture was delivered by Museum-Curator at Anand Institute of PG Studies in Arts, Anand on 15.09.2017

### **Clay Modeling Workshop and Competition**

- The 3 days’ clay modeling workshop and completion on the theme of ‘Make your own Ganesh Murti’ was organized for the school students at the Museum from 21<sup>th</sup> to 23<sup>rd</sup> August 2017. We had invited participants from various local schools. More than 100 students had participated in the competition and Trophies were awarded to 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> position of each group. All participants were given Certificates. The following schools were participated in the event.
  - Pintoos’ English Medium School, Anand
  - Podar International School, Anand
  - I. B. Patel English School, Vallabh Vidyanagar
  - Shristi English Medium School, Anand
  - Shemford Futuristic School, Anand

### **Symposium and Seminar**

- One day Symposium on Archaeology was organized in collaboration with Department of History, N. S. Patel Arts College, Anand on 10.02.2017. Along with other two experts from Gujarat, Curator-Museum had delivered a PPT lecture on Archaeology in the symposium.
- One day Seminar on “Heritage Management: Role of Museums” was organized in collaboration with MAG (Museum’s Association of Gujarat) and Indology Institute, Modasa. Curator-Museum was one of the 5 subject experts who delivered a PPT lecture at Modasa Arts College.

### **Ongoing Projects**

- Digitization of Manuscripts of Museum Collection is in progress
- Photographic documentation of Museum objects on display is in progress
- The Coins’ Section, which will showcase Ancient Indian Coins is under formative stage
- The Tribal Art Section, which will display tribal art forms is under formative stage
- The Philatelic Section, which will showcase Postal Stamps is under formative stage
- Digitization of photographs on the life and works of Sardar Patel is in progress
- Design, Layout and Text editing of 6 Info-panels on Sardar Patel is in progress
- Design, Layout and Text editing of remaining 5 (of 19) Photo-Info-panels on Indian Culture and Monumental Heritage is in progress

### **Museum Activity Reviews in Print Media**

News reviews of Museum activities published time to time in various local Gujarati news papers i.e.

- Sandesh
- Divya Bhaskar
- Gujarat Samachar
- Sardar Gurjari
- Naya Padkar
- Divya Samachar
- Charotar no Avaj
- Nav Gujarat Samay
- Pragati Path
- Loksatta Jansatta
- Pratah Kaal

All Museum News are also available on the respective websites of the News papers.  
All published news prints are preserved in the file at Museum for record keeping.

#### **(D) University Health Centre**

The University has a very good Health Centre, which was established in 1962. It has been recently renovated and updated. The main objective of the centre is to provide primary prevention against diseases, and to take care of routine health problems.

Regular medical check-up is carried out for the staff members and the students of the University and affiliated colleges. Free medication is also provided for general and common ailments.

University Health Centre carries out detailed evaluation of all aspects, for Hypertension and Diabetes Mellitus. It maintains separate files for all the enrolled patients. Regular check up, necessary investigation, counselling, health education, necessary advice and treatment are provided free of cost to all Hypertensive and other patients.

During Year 2012-13 We started a pathological laboratory and Provide free investigation Facility to our patients for CBC Malaria and Dengue tests & Group tests (Lipid profile, Liver function Tests, Kidney Function tests) at very nominal cost.

The Health Centre provides necessary guidelines and treatment for hypertension and diabetes mellitus patients. Further it also organizes various check-up programs to rule out Diabetes Neuropathy, Diabetes Nephropathy, and Diabetes Retinopathy for all diabetes and hypertensive patients. The Centre screens all diabetes patients with the help of ophthalmologist on first Sunday of every month.

The Health Centre has the facility of Electrocardiogram (ECG) and IV Fluid Supplement to patients suffering from Cerebral Malaria, Typhoid, and Dehydration due to Vomiting & Diarrhea etc. which obviates the necessity of referring the patients to other Hospitals for indoor expensive treatment.

#### **\*List Of Equipment**

- (1)Nebulizer
- (2)Philips ECG Machine
- (3)Mispa Nano Auto analyzer (Automated Biochemistry Analyzer)
- (4)Accuchek Active Meter (Glucometer)
- (5)Erba Chem (Biochemistry Semi Auto analyzer)
- (6)Hematology Analyzer

#### **\*One Ophthalmologist, One Physician and Two Gynaecologists visits regularly to the University Health Centre every week:**

Dr Ravindra Parikh	:	Physician (Wednesday)
Dr Nayana Patel	:	Gynaecologist (Wednesday)
Dr Shyam Kumar	:	Ophthalmologist (Wednesday)
Dr Anita Singh	:	Gynaecologist (Thursday)

#### **\*The Health Centre has an efficient and well-trained staff is as under:**

Hon Medical officer	One-
Staff Nurse	One
Pharmacist cum Compounder	One- Temporary



Lab Technician	One-Temporary
Lab Assistant	One-Temporary
Sweeper	Two-Temporary

**\*The following describes statistically the services rendered by the University Health Centre 2016-2017**

Sr. No	Month	NEW CASE	OLD CASE	Total	Student	Staff
1	April-2016	162	504	666	339	327
2	May-2016	82	486	568	136	432
3	June-2016	243	548	791	285	506
4	July-2016	638	697	1335	751	584
5	August-2016	509	653	1162	703	459
6	September-16	459	723	1182	736	446
7	October-2016	231	409	640	398	242
8	November-2016	120	322	442	251	191
9	December-2016	170	315	485	297	188
10	January-2017	260	392	652	408	244
11	February-2017	264	363	627	348	279
12	March-2017	303	491	794	437	357
	Total	3441	5903	9344	5089	4255

Total Patients during 2016-17 =9,344

New Patient during 2016-17 =3,441.

Old patients during 2016-17 =5,903.

Students during April 2016-17 =5,089

Total Regular Patients having Hypertension/ Diabetes / Thyroid / Asthma disease = 306

Thyroid test camp held on 23/08/2016 \*115 Patients took advantage.

#### **(E) Guest House Accommodation**

##### **Details of Guest House accommodation available In 2016-2017**

Sr No	Facility of Room	Rooms	Total Accommodation Capacity
1	New VIP (AC Room)	07	14 Bed
2	Old VIP (AC Room)	03	06 Bed
3	Semi VIP (AC Room)	06	12 Bed
4	Faculty Guest House (Non AC Room)	24	48 Bed
5	Dormitory (Non AC Common Room)	02	12 Bed

#### **(E) University Staff Quarters Details House Accommodation**

##### **Details of staff quarters available in 2016-17**

Sr. No	Type of Quarters	No of Quarters
1	A	12
2	B	08
3	C	16
4	D	102
5	E	10
6	F	24
7	G	63
8	H	12
9	I	16
10	J	08
11	T	72

	<b>Total</b>	<b>343</b>
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**Additional Information:-**

- (1) Water harvesting well constructed at Women's Hostel No :- 3 which harvested approximately 5.00 Lakh ltr. Water expenditure Rs. 2.45 Lakhs which helped to maintain water level in surrounding area resulting in saving of Electricity bill.
- (2) An underground tank constructed at Community Science Centre of 1000 ltr. Capacity at the expenditure of Rs. 42,000/- . This will create awareness to conserve water in tank during monsoon and utilize throughout the year free of cost.

**(F) Community Radio Broadcasting Station (90.4 MHZ FM)**

Sardar Patel University applied for a broadcasting license and signed a Memorandum of Understanding (MoU) with the Prasar Bharati, All India Radio and New Delhi in March 2003 for establishing a low Power FM Radio Station on the Campus. The University received the necessary clearance from Government of Gujarat, Ministry of HRD through University Grants Commission, Ministry of Communication and IT, Ministry of Defense, Home Ministry for the proposed Community Radio Station.

A 50W Transmission Power Community Radio Station, sanctioned with an operating frequency of 90.4 MHz in the FM band, through wireless and planning coordination wing of the Ministry of Communication and IT, has been established in the University campus, with a vision to encouraging expression and participation that values culture. Its coverage area is 8km in radius. Established at the Department of Electronics with their technical support, it has two acoustically treated sound proof studio rooms, one "Program Recording Studio" and another as a "On-Air-Cum-Program Production Studio" with all the sophisticated recording plus broadcasting facilities. The University has two-50W FM Transmitter, a Distribution Amplifier, 30 Meter Antenna Tower for On-Air Broadcasting. The University has four channels Stereo Multifunction Console, 18 Channel Digital Audio Work Station for Hard Disk Recording, Phone-In Program

The Programs are produced by the University Students / faculty members / administration staff / Local Community / Guest visiting of University. The station is broadcasting the programs during Monday to Friday in a week (5 days in a week). Five daily transmission slots of an hour each and everything entirely in the students/ faculty domain: this station lives up to its name. The University's main focus is the Student Community. Their participation in radio station activity, both for program production as well as technical aspects, remove their fear and giving them hand-on experience in FM Radio Technology.

**[Total Five (5) Hours per day**

**Morning: 2 Hours**

**Afternoon: 2 Hours**

**Evening: 1 Hour**

**Total: 25 Hours in a week]**

The daily program schedule of radio station covers Lectures, Debates, Panel Discussion, Traditional Songs, University News (like announcement of seminar, conference, university results, new events in university, etc. etc.), Cultural Programs, Health related programs, Institutional Profiles, Admission related information, Placement related information, Agricultural Information, information for surrounding rural area etc.

Two leading Musical Companies M/s Music Centre, Mota Bazaar, Vallabh Vidyanagar-388120 and M/s Soor Mandir, N.H.No.8, Mogar have given their Music right “Free of Cost” to broadcast musical software from radio station. These software includes lok-geent, prarthana, bhajan, garba, Gujarati Sugam Sangeet etc. This will help to uplift local language also.

**Important days celebrated by Community Radio Station during 01-04-2016 to 31-03-2017 by the way of broadcasting lecture/debate /information/ Radio Drama etc. are as follows.**

1.	World Earth Day	22/04/2016
2.	World Asthma Day	03/05/2016
3.	Mother's Day	09/05/2016
4.	World Schizophrenia Day	24/05/2016
5.	World No Tobacco day	31/05/2016
6.	International Children's Day	01/06/2016
7.	World Environment Day	06/06/2016
8.	World Yoga Day	21/06/2016
9.	World Vitiligo Day (કોલે હિવસ)	24/06/2016
10.	World Population Day	11/07/2016
11.	Hiroshima Day	05/08/2016
12.	Organ Donation Week	08/08/2016
13.	Independence Day	15/08/2016
14.	Teacher's Day	06/09/2016
15.	World Literacy Day	08/09/2016
16.	World First Aid Day	11/09/2016
17.	World Heart Day	28-29-30/09/2016(Three Day different programs were broadcasted)
18.	Navratri Celebration	03 to 12/10/2016
19.	Dipawali Celebration	26 to 28/10/2016
20.	59- Convocation Day	19/12/2016
21.	Mahatma Gandhi Nirvan Din	30/01/2017
22.	World Cancer Day	06/02/2017
23.	World Radio Day	13/02/2017

24.	Valentine Day	14/02/2017
25.	National Science Day	28/02/2017
26.	Vidyanagar Day	03/03/2017
27.	World Water Day	22/03/2017
28.	World AIDS Day	01/12/2015.
29.	World Theatre Day	27/03/2017

The Radio Campus 90.4 FM is also spread awareness among students community by arranging their visit at community radio station. As a part of this, many schools/ colleges were invited at Radio Station and informative lectures & demonstration about broadcasting process were conducted.

### **(G) Agro-Economic Research Centre**

#### **Head: Dr S S Kalamkar, Director and Professor**

Ph No +91-2692-230106, 230799; Fax- +91-2692-230106

Email: director.aerc@gmail.com; director.aercgujarat@gmail.com

**Faculty (AERC+CCS):** Professor- 01; Associate Professor-01 and Assistant Professor -03

**Total Sanctioned Staff Strength: 93** (AERC-15 + CCS- 78)

**Courses Offered: Nil**

#### **Major Research Activities:**

The Centre undertake the research projects on the important topics suggested/assigned by the Directorate of Economics and Statistics, Dept of Agriculture and Cooperation, Ministry of Agriculture, Government of India, New Delhi. Some of the research projects are undertaken by the Centre on the recommendation State Governments of Gujarat and Rajasthan as well as other public agencies. Since 1970, the Centre has been also organizing the work of *Comprehensive Scheme to Study Cost of Cultivation of Principal Crops in Gujarat* entrusted to University by the Ministry of Agriculture, Government of India. The data on cost of cultivation of selected eleven crops is being collected by field staff on regular basis from 600 selected farmers from eight agro-climatic zones of the State.

#### **Major Achievements:**

- Research Studies Completed for MoA, GOI: 159
- Research Studies Completed for Planning Commission, GoI: 04
- Special Cost Study for MoA, GoI: 01
- Village Surveys conducted: 21
- Village Resurveys conducted: 04
- Research Studies in Progress: 06
- Publications of the Centre: 11 (English) and 04 (Gujarati)
- Seminars, Conferences, Workshops Organized (jointly with PG Department of Economics, SPU, VVN) : 28
- Helped/supported more than 40 scholars of the University to successfully complete their Ph. D. work in Agricultural Economics
- Members of the faculty have been recognized at the State and National Levels.
- Research Projects in Progress: 02 (Two)

The Agro-Economic Research Centre (AERC) for the states of Gujarat and Rajasthan was established in July 1961 at Sardar Patel University, Vallabh Vidyanagar by the Directorate of Economics and Statistics (DES), Ministry of Agriculture (MOA), Government of India (GOI), New Delhi. Late Shri H M Patel

(ICS Retd) who provided the vision for establishing such an Institute and ensured the much needed support and encouragement for its growth at Vallabh Vidyanagar. AERC has been working as an associate institution of Sardar Patel University and enjoying autonomy status in its working. The Centre has completed 53 glorious years (1961-2014) of its journey marked by both achievements and challenges. During these years, the Centre has emerged as a strong policy feedback centre of the Ministry of Agriculture, Government of India due to hard work and strong commitment of the staff in the Centre. The focus of research effort in the initial stage was on comprehensive village surveys and resurveys in order to understand the process and direction of change at the village level. Subsequently, the emphasis of research has shifted to problem oriented studies. The Centre has by now completed 152 problem-oriented studies, 21 village surveys and 4 village resurveys. Most of these research projects have been taken up by Centre on the recommendation of the Government of India and State Governments of Gujarat and Rajasthan. Some of the projects have also been sponsored by other national and international organizations. During its long journey, the Centre has brought remarkable improvement in every aspect of research including methodological base of the studies. The studies have come out with useful findings and policy implications for agricultural and rural development of the states of Gujarat and Rajasthan. Many seminars and conferences were organized by the Centre (jointly with PG Department of Economics of our University) during these years. Since 1970, the Centre has been also organizing the work of Comprehensive Scheme to Study Cost of Cultivation of Principal Crops in Gujarat entrusted to University by the Ministry of Agriculture, Government of India. Ever since its inception, the Centre has been working in close collaboration with the PG Department of Economics of our University and so far it has helped/supported more than 35 scholars to successfully complete their PhD work in agricultural economics.

The principle objectives of the Centre are as follows:

- 1) To make continuous study of the change in rural economy by means of surveys of villages each year, to be repeated after an interval of five years.
- 2) To conduct ad-hoc investigation on problems of interest to the Ministry of Agriculture and Irrigation and the State Governments under their jurisdiction.
- 3) To undertake research on fundamental problems relating to the agricultural economy of the country
- 4) To give technical advice to the Government of India and to the State Governments on such important issues as, with mutual agreement, may be referred to the Centre.

**A) Research Projects Completed**

Name of the Principal Investigator/C o-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Latter No. & Date	Duration	Date of Completion
S. S. Kalamkar, H. Sharma & V. K. Boyal	Impact Assessment and Evaluation of Ration Balancing Program in Gujarat state	National Dairy Research Institute (NDRI), Karnal, Haryana	Rs. 2.85 lakh MOU dated May 1, 2015 Date submission Dec. 2016	1 ½ year	Dec. 2016
S. S. Kalamkar and M. Swain	Study on Causes of Farmers Suicides In Gujarat	Ministry of Agriculture & Farmers Welfare, Government of India, New Delhi	Ministry of Agriculture, GOI - Office Memorandum dated Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)	1 ½ year	Feb. 2017
M. Swain, S. S. Kalamkar and K. Kapadia	Working of Pressurized Irrigation Network Systems (PINS) in	Ministry of Agriculture & Farmers Welfare,	Ministry of Agriculture, GOI - Office Memorandum dated	1 ½ year	March 2017

	Gujarat	Government of India, New Delhi	Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)		
M. Swain, Hemant Sharma and Manishkant Ojha	Working of Pressurized Irrigation Network Systems (PINS) in Rajasthan	Ministry of Agriculture & Farmers Welfare, Government of India, New Delhi	Ministry of Agriculture, GOI - Office Memorandum dated Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)	12 months	Feb. 2017
Mrutyunjay Swain	Preparation of database on 15 Major Indicators of Agricultural Performance in Gujarat and Rajasthan (2016-17)	Ministry of Agriculture, Govt. of India, New Delhi	Minor (< 5 lakh)	12 months	March 2017

**B) Research Projects in Progress**

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
S. S. Kalamkar and H. Sharma	Assessment of the Status of Dairying and Potential to Improve Socio Economic Status of the Milk Producers and Convergence of all Central and State schemes at district level in India	Ministry of Agriculture & Farmers Welfare, Government of India, New Delhi	Ministry of Agriculture, GOI - Office Memorandum dated Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)	12-15 months
M. Swain, S.S. Kalamkar and H. Sharma	Working of Pressurized Irrigation Network Systems (PINS) in India	Ministry of Agriculture & Farmers Welfare, Government of India, New Delhi	Ministry of Agriculture, GOI - Office Memorandum dated Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)	12-15 months
S. S. Kalamkar and M. Swain	Study on Causes of Farmers Suicides In Gujarat	Ministry of Agriculture & Farmers Welfare, Government of India, New Delhi	Ministry of Agriculture, GOI - Office Memorandum dated Januarys 19, 2016 (F.No.1-1/2014-AER-ES) Major Project (>10 lakh)	12 months

S. S. Kalamkar, S. R. Bhaiya, M. Swain and H. Sharma	Pilot Study for developing state level estimates of crop area and production on the basis of sample sizes recommended by Prof. Vaidyanathan Committee Report - Gujarat State	ICAR-Indian Agricultural Statistics Research Institute (IASRI), Pusa, New Delhi	IASRI Sanction Letter dated 13.05.2016 (No.14 (03)/2015-Admin.I (part)- First Installment (Rs. 82.35 lakh) Total Project Cost Rs. 137.00 Lakh	12 months
Mrutyunjay Swain	Preparation of database on 15 Major Indicators of Agricultural Performance in Gujarat and Rajasthan (2016-17)	Ministry of Agriculture, Govt. of India, New Delhi	Minor (< 5 lakh)	12 months
S.S. Kalamkar, S. R. Bhaiya, M. Swain & H. Sharma	Impact Evaluation Study of National Horticulture Mission (MIDH) -Gujarat, Rajasthan , MP & MS	Institute for Social and Economic Change (ISEC) SEC, Bangalore (Ministry of Agriculture & Farmers Welfare, GOI)	Minor (< 5 lakh)	12 months
Mrutyunjay Swain	Preparation of database on 15 Major Indicators of Agricultural Performance in Gujarat and Rajasthan (2017-18)	Ministry of Agriculture, Govt. of India, New Delhi	Minor (< 5 lakh)	12 months

**(C) Articles/Papers Published in Academic Journals by the Teachers of the Department/College during 2016-2017.**

Author(s)	Title	Journal	Status International/ National/ Regional/ Local	Vol. No. And Issue No.	P.P.	Month & Year
Dimple Tresa Abraham and S.S. Kalamkar.	MFIs, Responsibility and Strategic Direction :, Strategic Change	ISSN: 1086-1718 online ISSN: 1099-1697	National	Vol. 25, No. 2,	603-612	Sept. 2016,
Mrutyunjay Swain, S.S. Kalamkar and Priyanka Patel.	Assessing Desirability of Free Trade Agreements (FTA) for Indian Dairy Sector	Artha Vikas (ISSN: 0004-3567)	National	Vol. LII, No. 1 & 2	36-47	1 & 2 Jan. 2016,
S.S. Kalamkar	Climate Change, Natural Resource Degradation and Agriculture in India”, in Compendium of papers and abstract of ‘International Conference on ‘Food, Water, Energy Nexus in Arena of Climate Change	Agricultural Situation in India (ISSN: 0002-167)	International		128	Oct.14-16, 2016

M. Swain, S.S. Kalamkar and Kalpana Kapadia.	Performance of Soil Health Card Programme in Gujarat” in Compendium of papers and abstract of ‘International Conference on ‘Food, Water, Energy Nexus in Arena of Climate Change	Agricultural Situation in India	International		224	Oct. 14-16, 2016
Yamuna R. Pillai and S.S. Kalamkar.	Organic Farming in India: Strategy for Climate Change Mitigation” in Compendium of papers and abstract of ‘International Conference on ‘Food, Water, Energy Nexus in Arena of Climate Change		International		241	Oct. 14-16, 2016
K. M. Kapadia, R.A. Dutta and S. S. Kalamkar.	Possibilities and Constraints in Increasing Pulses Production in Rajasthan’, <i>Agricultural Economics Research Review</i>	Agricultural Economics Research Review	National	Vol.29, 2016	222	2016
R.A. Dutta, S.S. Kalamkar and M. R. Ojha	Impact of National Food Security Mission (NFSM) on Input Use, Production, Productivity and Income in Gujarat’, <i>Agricultural Economics Research Review</i>	Agricultural Economics Research Review	National	Vol.29	223	2016
S. S. Kalamkar	Policy Implications in Strengthening E-Market/national Market”, proceedings of National Dialogue on Agricultural E-Market: national Agricultural Market, organized jointly by International Food Policy Research (IFPRI) New Delhi and Indian Society of Agricultural Marketing (IASM) at Centre for Economic and Social Studios.		National		12-13	Oct. 2016
Varuan Miglani and S.S. Kalamkar.	Review of Contract Farming Regulations with special reference to State of Maharashtra and Gujarat.	Indian Journal of Agricultural Marketing	National	Vol. 30, No. 3	83-84	2016
S.S. Kalamkar, M. Swain and K. M. Kapadia.	Trade in Indian Dairy Sector: Status, Issues and Challenges	Indian Journal of Agricultural Marketing	National	Vol. 30, No. 3	137-138	2016
M. Swain, S.S. Kalamkar and Priyanka Patel	Implications of Free Trade Agreements (FTA) for Indian Dairy Sector.	Indian Journal of Agricultural Marketing	National	Vol. 30, No. 3	142	2016



S.S. Kalamkar, H. P. Trivedi, S. R. Bhaiya and D J. Chauhan (Forthcoming).	Socio-Economic Impact of Tarakpur Check Dam in Khambhat Area of Gujarat.	Indian Journal of Economic and Development	National			2016
S. S. Kalamkar, M. Swain and M. Vahora (Forthcoming).	Socio-Economic Impact Analysis of Introduction of Renewable Energy Technologies in Five Tribal Villages of Gujarat (India).	Indian Journal of Economic and Development	National			2016
Sonal Bhatt and S.S. Kalamkar (Forthcoming).	Solar Power Generation and Usage in Irrigation: Lessons from a novel cooperative initiative in India.	Indian Journal of Economic and Development	National			2016
S.S. Kalamkar, M. Swain and K.M. Kapadia (Forthcoming).	Trade in Indian Dairy Sector: Status, Issues And Challenges.	Indian Journal of Economic and Development	National			2016
Mrutyunjay Swain	Coping with Food and Nutrition Insecurity by Rural Women in Drought Prone Bolangir District of Western Odisha	<i>Agricultural Economics Research Review (ISSN: 0971-3441)</i>	National	Vol.29, No.2	43-52	July-Sept 2016
Mrutyunjay Swain	Qualitative Analysis of Functioning of Local Government for MNREGA Implementation in Rajasthan, India	The Journal of Local Government	Regional	Vol 42, No.1		March-2017
Mrutyunjay Swain	Assessing Desirability of Free Trade Agreements (FTA) for Indian Dairy Sector	<i>Artha Vikas (ISSN: 0004-3567)</i>	National	Vol. 52, No.1 and 2	36-47	July-Dec.2016
1st Co- author with Dr. Mamata Swain and Dr. Ranju. H. Sahoo	Experiences of Women with Super Cyclone in Coastal Odisha, India, in Linda Racioppi and Swarna Rajagopalan (Eds) 'Women and Disasters in South Asia: Survival, Security, and Development.	(ISBN: 9781138210462), Routledge (Taylor & Francis), London,	National		99-142	2016
S. R. Bhaiya	Livestock Prospects and Problems in Gujarat.	<i>Artha Vikas</i> (R. No. 15058/67 ISSN 0004-3567)	National	Vol. LII, No. 1 and 2	48-63	Jan-Dec 2016
S. R. Bhaiya	Non-Farm Sector in Gujarat: Issues and Challenges.	SPET Research Journal of Social Science (ISSN No. 2348 2982)	National	Vol. 4 No. 2, Aug	4-30	Aug. 2016
S. R. Bhaiya	Oilseed Economy in Gujarat: A Comparative Study of Groundnut.	SPET Research Journal of Social Science (ISSN No.	National	Vol. 4 No. 2, Aug	86-100	Aug.2016

		2348 2982)				
S. R. Bhaiya and J P Parmar	Human Development in India – A View in the World Contest.	SPET Research Journal of Social Science (ISSN No. 2348 2982)	National	Vol. 5 No. 1, Feb	108-122	Feb. 2017
S. R. Bhaiya	Socio Economic Impact of Check Dam on Agricultural Labour Families in Khabhat Area of Anand”	VISHLESHAN , Vishleshan Trust, Surat, Gujarat, (ISSN 0973-6891)	Regional	Vol. 42, No. 1	59-75	Jan-June. 2016
Meera and Sharma, Hemant	Trend and seasonal analysis of wheat in selected market of Sriganganagar	Economic Affairs	National	61(1):	127-134	2016
Verma, kumar Vinod, Jheeba , S.S., Sharma, Hemant and Kumar Pradeep	Cumin Price Forecasting Rajasthan: ARIMA Model	Indian Journal of Economics and Development	National	12(1):	51-55	2016
Panchal Sandeep Kumar. Pundir, R.S., Sharma, Hemant	Cost and Returns Analysis of Bidi Tobacco in Gujarat	Indian Journal of Economics and Development	National	12(3): /	595-598	2016
Sharma, Hemant and Burark, S.S.	Extent of Market Integration of Wheat in Rajasthan	Indian Journal of Economics and Development	National	12(3):	445-452	2016
Sharma, Hemant and Burark, S.S.	Accuracy of Different Price Forecasting Models For Maize in Nimbahera Market of Rajasthan	International Journal of Agriculture and Statistical Science	International	12 (1):	95-101	2016
Panchal, Sandip Kumar, Pundir, R. S. and Sharma, Hemant	Input Use, Costs Structure, Return Analysis of Bidi Tobacco and Wheat Crop in Gujarat: A Comparative Study	International Journal of Agriculture and Statistical Science	International	12 (1)	95-101	2016
Meera and Sharma, Hemant,	Seasonality and Exponential Smoothing Models for Price Forecasting of Rice in Selected Market of Uttar Pradesh	Agricultural Situation in India	National	LXXI II (11):	18-22/	2017

**(D) Research Reports Prepared:**

- 1) Evaluation and Assessment of Economic Losses on Account of Inadequate Post-Harvest Infrastructure Facilities for Fisheries Sector in Gujarat, March 2016; (H. Sharma, M. Swain and S.S. Kalamkar).
- 2) ‘Soil Health Card Programme in Gujarat: Implementation, Impacts and Impediments’, January 2016; (M. Swain and S.S. Kalamkar).
- 3) Adoption of Recommended Doses of Fertilizer on Soil Test Basis by Farmers in Gujarat’, AERC Report 154, March 2015, Agro-Economic Research Centre, Vallabh Vidyanagar; (M. Swain, S.S. Kalamkar and Kalpana Kapadia).

- 4) Socio-Economic Impact Analysis of Introduction of Renewable Energy Technologies in Five Tribal Villages of Gujarat, March 2015, Agro-Economic Research Centre, Vallabh Vidyanagar (S.S. Kalamkar, M. Swain and Sameer Vahora).

**(E) Executive Membership of the Teachers of the Department/College in any Academic, Government, Non-Government Organization during 2016-2017.**

Name of the Teacher	Name of the Position Held	Name of the Organization	Nature of the Organization Academic/Government/Non-Government
Dr. S.S.Kalamkar	Director & Professor AERC,SPU,VVN	Vice President, Executive Committee	Indian Society of Agricultural Marketing for the period of two years (2014-2016)
Dr. S.S.Kalamkar	Director & Professor AERC,SPU,VVN	Executive Committee Member	Indian Society of Agricultural Economics for the period of two years (2015-2017)
Dr. S.S.Kalamkar	Director & Professor AERC,SPU,VVN	Member, Board of Governors	India Natural Resource Economics and Management (INREM) Foundation, Anand 388001, Gujarat
Dr. S.S.Kalamkar	Director & Professor AERC,SPU,VVN	Member of Executive Council	Gujarat Economic Association (GEA), Anand
Dr. S.S.Kalamkar	Director & Professor AERC,SPU,VVN	Member of Editorial Board	Journal “Artha Vikas (ISSN 0004-3567) Journal of PG Department of Economics, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat.
Dr. S.S.Kalamkar	Director & Professor AERC,SPU,VVN	Member of Expert Committee	Expert Committee constituted for the Price Policy of Kharif and Rabi Crops’ year 2016-17, GOG
Dr. S.S.Kalamkar	Director & Professor AERC,SPU,VVN	Member of Expert Committee	Expert Committee constituted by Smart Village Programme of Anand District constituted by District Development Officer, Anand.
Dr. M. Swain	Research Officer / Assistant Professor (S.S.)	Member of Editorial Board	Sustainable Agriculture Research, an international journal published by Canadian Center of Science and Education, Toronto
Dr. M. Swain	Research Officer / Assistant Professor (S.S.)	Member of Editorial Board	Quarterly Journal of Econometrics Review, Pak Publishing Group, Punjab, Pakistan
Dr. M. Swain	Research Officer / Assistant Professor (S.S.)	Member of Editorial Board	Journal of Asian Development, an international journal published by Macro Think Institute, Las Vegas, USA

**(F) Name of the Fellowships/Honors/Recognition/Awards/Any other outstanding Achievement of the Teachers of the Department/ College during 2016-2017 with full details.**

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement with details.
Dr. S.S.Kalamkar	<ul style="list-style-type: none"> <li>Worked as a Member, Smart Village Scheme- Anand district, Government of Gujarat (since April 7, 2016).</li> <li>Worked as a Member of Executive Council of Gujarat Economic Association (GEA), Anand.</li> </ul>

	<ul style="list-style-type: none"> <li>• Worked as a Member, Board of Governors, India Natural Resource Economics and Management (INREM) Foundation, Anand 388001, Gujarat (since August 2014).</li> <li>▪ Worked as a Member, Expert Committee on Minimum Support Prices, Directorate of Agriculture, Government of Gujarat (Ex-Officio Member) (since July 5, 2012).</li> <li>• Member, Advisory Board, Artha Vikas (ISSN: 0004-3567) (Biannual Journal of Economics, Department of Economics, S P University, Vallabh Vidyanagar) (since 2014).</li> <li>• Worked as member of Editorial Board of “<i>International Journal of Social Science</i>”, (ISSN 2249-6637), Visva-Bharati Shantiniketan, published from New Delhi Publishers, New Delhi.</li> </ul>
Dr. S. S. Kalamkar, Dr. M. Swain and Dr. S. R. Bhaiya	Prof. V S Vyas Prize award for the ‘Best Research Report - <i>Estimation of Changes in Income and Cost of Production owing to Changes in Inputs and Hybrid Seeds for Major Crops of Gujarat (Sponsored by Directorate of Economics and Statistics, Govt. of Gujarat, Gandhinagar, Report completed in 2014 &amp; published in 2015)</i> – by S. S. Kalamkar, Mrutunjay Swain, S. R. Bhaiya’, Published by Agro Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar, Gujarat, Year 2015 (Ref : SPU. Notification no. G/22-G/1812, dated June 24, 2016) (received on July 1, 2016, 55 <sup>th</sup> AERC Foundation day, SPU)

#### (H) Hostels

**Details of rector, superintendent, room’s capacity, total students, and other facilities of the University:**

Sr. No	Name of Hostel	Name of the Rector	Name of the Superintendents	Total Room	Students Capacity	Total Students Staying In 16-17	Other Facility
1	Old Men’s Hostel No 1	Dr. Y. M. Dalwadi	Mr. Mitul Valand	78	148	--	With Mess
2	Nehru Hall Men’s Hostel No2	Dr A S Reddy	Shri Dipak Patel	95	198	204	With Mess
3	BSc BEd Hostel	--	--	23	66	--	--
4	CTE Hostel	Mr. Mahesh Parmar	Mr. Arjun Chauhan	27	60	78	--
5	University Women’s Hostel	Dr Urmilaben H Patel	Smt Kapilaben Mistry, Assist Warden	102	318	332	With Mess
6	University Women’s (NRI)2 Hostel	Dr Urmilaben H Patel	Smt Kapilaben Mistry, Assist Warden	30	60	96	With Mess
7	University Women’s (NRI)3 Hostel	Dr Urmilaben H Patel	Smt Kapilaben Mistry, Assist Warden	35	96	96	With Mess
8	MBA (NRI) Hostel	Mr. Harshad Makwana	Mr. Bhanu Maheriya	26	52	40	--
9	Singal SeatedFalt Type Hostel	--	--	16	16	16	--

## **(I) Sports Facilities and Gymnasium**

### **Sports Facilities and Gymnasium**

The University has developed its own playground on 15 Acres land. The following facilities are available on this new playground.

1	Basket-Ball court with flood lights	: 2
2	Volley-Ball Ground	: 2
3	Kabbadi Ground	: 2
4	Kho-Kho Ground	: 2
5	Hand-Ball Ground	: 1
6	400 Meters Athletic Track	: 1
7	Foot Ball Ground (Within the track)	: 1
8	Cricket Ground (Within the track)	: 1
9	Tennis Court (Cement Court)	: 1
10	Table Tennis Hall (Indoor for one table)	: 1

The university has constructed a new multipurpose Gymnasium hall Yugpurush Vivekanand Sports (UVI Sports). Which has facilities of two badminton court, court of table tennis, basketball, volleyball, handball, Kabbdi, Kho-Kho.

## **(J) UNIVERSITY PRESS**

### **(A) CATERS PRINTING NEEDS OF UNIVERSITY:**

- Mainly engaged in printing needs of Examination Section for Question Papers' printing, isolated wing at upstairs, looking to security/confidentiality of the matter, besides other stationeries printing at down stairs.
- Printing of Announcement Folders, Invitations, Letterheads, Certificates, Receipts, Proceedings/ Abstract/Souvenir, etc for Seminars/Conferences.
- Prospectus with Admission Application Forms, Fee Receipts, Eligibility/Migration Certificates, etc.
- Examination Application Forms, Hall-Ticket, Fee Receipts, Resultsheets (Unvariable data) and other Stationeries, Lamination of Marksheets and other Certificates.
- Syndicate Meetings' Minutes, Budget, Enclosures for Senate/Academic Council Meetings, etc.
- Binding of Paybills, Cash books, Day books.
- Rebinding of Library Books.
- Publications under UGC's unassigned grant.
- News letter "Shilshrutam" and other Journals - Viz. SYNERGY (for Management), Artha-Vikas (for Economics), Prajna (Science), Prajna (Humanities), Journal of Engineering and Technology.

### **(B) UPGRADATION AND COMPUTERIZATION FACILITY:**

As the advent of Computers, we have restricted the old Hand Compose and Letterpress Printing Process, upto certain level. Receipts with numbering and only very small run jobs are executed through letterpress printing. Rest of the jobs have been routed through Computerized Type Setting-DTP work or Designing and Printed with Screen Printing or Offset Printing process according to nature of the job. Multi Colour-Four Colour Offset jobs are designed on computer and then C-t-P (Computer-to-Plate) is taken out and Four Colour Offset Printing is outsourced.

The same way, the isolated Examination Unit of University Press has also been made fully computerized. Question papers are typed/entered and set on Computers, and then after proof reading printed on High Speed Copy Printer machines.

Thus, adopting Computerization the process has become easier and speedy, comparing to manual hand composing.

**(C) SECURITY:**

CCTV System in Examination Unit of University Press has set up highest standard of security, so that secrecy is maintained in every block of Examination Unit i.e. Entry Point, Computer Unit, Printing Unit, Blockwise Unit and Proof Reading Hall.

A Security Guard is kept engaged amongst University Press, Bhaikaka Library and Homescience Department. Security is strengthened more, while the numbers of question papers are more, by engaging more security guards. Entry Register is maintained with Entry and Exit time alongwith initials of Senior Press Supervisors, Proof Readers and Distributors. Employees who are engaged in examination work, are detained upto the next half hour of examinations starting time; and muster is maintained for the same with Name, Time of Entry and Exit and Signature.

**(D) PUBLICATIONS UNDER UGC'S UNASSIGNED GRANT:**

- March 2016 : 9 Books published
- March 2017 : 9 Books published

**(E) STARTED IN-HOUSE PRINTING:**

- |                    |                  |
|--------------------|------------------|
| • Hall-Ticket      | • Pocket Planner |
| • University Diary | • Sheel-Shrutam  |

**(F) REVENUE GENERATION:**

Year	Total Expenditure (Rs.)	Total Income (Rs.)
2011	16,79,833/-	48,96,274/-
2012	17,07,344/-	38,08,240/-
2013	16,28,922/-	24,02,483/-
2014	20,65,938/-	24,25,826/-
2015	21,42,449/-	31,87,771/-
2016	17,09,019/-	36,12,934/-
2017	10,86,279/-	25,43,503/-

#### 4.4 INFRASTRUCTURE IN POSTGRADUATE DEPARTMENTS

##### (1) DEPARTMENT OF HOME SCIENCE

No	Infrastructure/Equipment Details	Nos of Equipments
1	Padding Mangle	01

##### (2) DEPARTMENT OF MATERIALS SCIENCE

No	Equipment Details	Nos of Equipments
1	Leica Microscope	01
2	Universal Testing Machine (INSTRON)	01
3	Automatic Surface Area Analyzer	01
4	Gas Chromatography	01
5	Fourier transformer Infrared Spectrophotometer	01
6	Leica digital Camera	01
7	Micro Raman Spectroscopy System	01
8	Plasma Enhanced CVD System with Accessories (PECVD)	01
9	Tribometer(CSM Instrument)	01
10	Automatic Micro Hardness Tester	01
11	High temperature Horizontal Vacuum Tubular Furnace	01
12	Nano Particle size Analyzer with Zeta Potential measurements	01
13	Food Color Measurement	01
14	Metler System (TGA,TMA,DSC)	01
15	Scanning Electron Microscope with accessories	01
16	Scratch hardness tester	01
17	High temperature furnaces	05

##### (3) DEPARTMENT OF BUSINESS STUDIES

No	Infrastructure/Equipment Details	Nos of Equipments
1	Computers - 20	22/10/2017
2	LCD Projector – 01	06/10/2017
3	Printers – 04 (01 Printer Three in one)	26/01/2017
4	UPS - 10	22/10/2017
5	Wireless Presenter with in-built Laser Pointer	06/10/2017

**(4) DEPARTMENT OF LIBRARY & INFORMATION SCIENCE**

<b>No</b>	<b>Infrastructure/Equipment Details</b>	<b>Nos of Equipments</b>
1	ATIZ BOOK DRIVE PRO (Digitization Scanner)	1
2	BOOK EYE 4 (Digitization Scanner)	1
3	LCD for Power Point Presentations in the Class Rooms	4
4	Digital Lab. [With Two Digital Scanners] and Computers	15
5	Computer Lab. With Computers	20
6	Web Server – Windows 2008 RAID Server	1

**(5) DEPARTMENT OF SOCIOLOGY**

<b>No</b>	<b>Infrastructure/Equipment Details</b>	<b>Nos of Equipments</b>
1	Table	03
2	Chair	03
3	Computer with Inter Connection	03
4	Printer	03
5	Fan	03
6	Intercom Telephone	03
7	Class Room With ICT	03 ( ICT in Two Room)



#### 4.5 NEW CIVIL WORK IN PROGRESS/COMPLETED IN THE YEAR 2016-2017

##### Repairs and Maintenances (State Govt. Grant) Code No. 30420

No	Infrastructure/Equipment Details	Date of Activities
1	Jents & Staff Toilet Block renovation at statistics Dept.	4/5/16
2	Supply of water cooler RO plant at Uni office second floor	2/5/16
3	Construction of parking shed at university and new paver block fitting work near VC office	6/6/16
4	Out side color work at pariksha bhavan and VC sir office	7/6/16
5	Labour work for color work for 58 convocation.	17/6/16
6	Supply of furniture at VC office	5/7/16
7	Supply of Revolving chair at VC office	5/7/16
8	Supply of cement for Labour work tiles fitting at M B Patel college of education	15/7/16
9	Aluminum Partition work at UGC section	11/7/16
10	Supply of 75 nos national brush for color work	16/7/16
11	Supply of national brush, lafi, abrotap for color work	16/7/16
12	Supply of national brush, lafi, Roolpatta for color work	18/7/16
13	Lab Renovation work at Chemistry Dept	15/7/16
14	Supply of Tiles for Various Dept	21/7/16
15	Supply of Chemical for Tiles fitting work at various Dept and hostels	25/7/16
16	Supply of color for color work at various Dept and hostels	11/7/16
17	Only labour work of color work at various Dept and hostels	21/7/16
18	Paver Block fitting work at behind chemistry dept, both side of auditorium and near estate section.	13/7/16
19	Professional architect fee for lab renovation work at chemistry dept.	25/7/16
20	Supply of 40 nos national brush for color work	20/8/16
21	Supply of patara & Pop for color work	20/8/16
22	Labour work for tiles fitting at M B Patel college of education	26/8/16
23	Only labour work of color work at various Dept and hostels	26/8/16
24	Labour work for tiles fitting at Home science dept.	15/9/16
25	Tiles fitting work with materials at various Dept and hostels	23/9/16
26	Only labour work of color work at various Dept and hostels	16/9/16
27	Supply of 40 nos national brush for color work	27/9/16
28	Only labour work of color work at various Dept and hostels	29/9/16
29	Labour work for tiles fitting at Uni. Girls hostel	29/9/16
30	Supply of 15 Liter Terpentine for color work	3/10/16
31	Kitchen terrace water proofing & ceiling plaster work at Nehru Hall hostel	7/10/16
32	Supply of color for color work at various Dept and hostels	18/10/16
33	Supply of Cement putty for color work at various Dept	21/10/16
34	Supply of cement for tiles fitting work at various Dept	21/10/16
35	Only labour work of inside color work at various Dept and hostels	21/10/16
36	Only labour work of oil paint color work at various Dept and hostels	21/10/16
37	Only labour work of outside color work at various Dept and hostels	21/10/16
38	Paver block fitting work at various Dept and hostel	20/10/16
39	Lab Renovation work at Chemistry Dept	21/10/16
40	Supply of Abro tap for color work at various Dept and hostels	22/10/16
41	Labour work for tiles fitting at M B Patel college of education	24/10/16
42	Only labour work of color work at various Dept and hostels	24/10/16
43	Professional architect fee for lab renovation work at chemistry dept.	17/10/16
44	Supply of Chemical for Tiles fitting work at various Dept	11/11/16

45	Supply of Non skid vitrified tiles for Tiles fitting work at various Dept and hostels	30/11/16
46	Labour work for tiles fitting at girls hostel	5/12/16
47	Labour work for tiles fitting at various Dept and hostels	19/12/16
48	color work at various Dept and hostels	19/12/16
49	Labour work for tiles fitting at Humanities Building	20/12/16
50	Supply of Chemical for Tiles fitting work at various Dept and hostels	20/12/16
51	Supply of 30 nos national brush for color work at various Dept	22/12/16
52.	Only labor work for Color at Various Dept. and hostel	26/12/16
53.	Only labor work of Color at Various Dept. and hostel	26/12/16
54.	Supply of brush 30 nos. for color work at Various Dept.	28/12/16
55.	Only labor work of Tiles fitting work at Home Science dept.	30/12/16
56.	Supply of Cement bag 500 nos. for Tiles fitting	30/12/16
57.	Chemical Supply work S.P. University Various Dept. and hostel for tiles fitting at various dept.	6/1/17
58.	Only labor work of Tiles fitting at Nehru hall	7/1/17
59.	Paver block fitting at work at Humanities dept.	7/1/17
60.	Supply of Color for Various Dept. and hostel	7/1/17
61.	Supply of brush 4 nos. for color work at Various Dept.	9/1/17
62.	Work of Color supply at Various Dept. and hostel	10/1/17
63.	Supply Tiles and tiles fitting work at Various Dept. and hostel	10/1/17
64.	False ceiling work at Chemistry dept.	11/1/17
65.	P.V.C. form and sheet aluminum section work at IQAC dept.	11/1/17
66.	Supply Map board at University Office	12/1/17
67.	Paver block fitting at canteen	20/1/17
68.	Oil paint at Various Dept. and hostel	20/1/17
69.	Only labor work of Tiles fitting at Nehru hall	24/1/17
70.	Supply Color Tarpetine at Various Dept. and hostel	1/2/17
71.	Paver block fitting work at Various Dept.	2/2/17
72.	Lab renovation work at chemistry dept.	25/1/17
73.	Chemical Color Supply work at Various Dept. and hostel	8/2/17
74.	Only labor color work outside	10/2/17
75.	Color Supply work at Various Dept. and hostel	14/2/17
76.	Tiles Supply work at Various Dept. and hostel	15/2/17
77.	Cement Supply work at Various Dept. and hostel	20/2/17
78.	Cement puti Supply work at Various Dept. and hostel	20/2/17
79.	Only labor color work inner side	21/2/17
80.	Tarpetine and brush Supply for Color Work	28/2/17
81.	Supply of tarpetine and wood primer for Color Work	2/3/17
82.	Only labor color work outside	6/3/17
83.	Only labor color work outside	6/3/17
84.	Only labor work of Tiles fitting	6/3/17
85.	Only labor color work outside	6/3/17
86.	Paver block fitting work	6/3/17
87.	Supply chemical for tiles fitting	6/3/17
88.	Color Supply for color work	7/3/17
89.	Oil Paint labor work	9/3/17
90.	Supply tiles for tiles fitting	10/3/17
91.	Material supply for color work	10/3/17
92.	Material supply for color work	16/3/17
93.	Construction toilet block at University Press and M.B.P.C	8/3/17
94.	Toilet Block renovation at various dept and Hostel	12/2/17

**Repairs and Maintenance to Building 2016-17**

No	Infrastructure/Equipment Details	Date of Activities
1.	Construction of Compound wall work at University colony quarter no : A-5	20/2/17
2.	PVC Solid sheet door fitting work at bhaikaka library	10/1/17
3.	PVC Solid sheet table top, wooden chairs repairing work at University Press	20/2/17
4.	Door fitting work at University Stuff quarter F-14,J-1,T-48 and G-9	23/2/17
5.	Shilling plaster, tiles fitting etc., work at humanities dept.	3/10/17
6.	PVC Solid sheet door fitting work at University Stuff quarter	20/7/17
7.	Color work at University colony quarter no : A-5	30/6/17
8.	FRP/ flash door fitting at University Stuff quarter	8/4/17

**RUSA GRANT 2016-17**

No	Infrastructure/Equipment Details	Date of Activities
1	Gas Pipe line work at Nehru Hall Hostel	18/7/16

**UGC GRANT 2016-17**

No	Infrastructure/Equipment Details	Date of Activities
1	Construction of Ladies Toilets at Statistics, Mathematics & Business Studies Deptt. code no: 25851	17/6/17
2	Consultancy fee for construction of Swimming Pool code no: 25727	17/3/16
3	Construction of CISST Building code no: 25833	21/2/17

## CHAPTER-5

### STUDENT SUPPORT AND PROGRESSION

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Students' support in an urban university like ours is available in various forms. The localized nature of students profile is an outcome of Policy of the Government of Gujarat which stipulates that 87% seats in the grant-in-aid institutions be reserved for students of the same university, and compliance with the general reservation policy of the Government. Our students like underprivileged/disadvantaged classes of society like SC/ST/OBC and women are able to avail of scholarships given by the state and other agencies. The university has made provision on its self-finance courses to pay 10% of our students free studentship to the extent of 50%. Our Departments under CAS and SAP-DRS have provision for admitting 20% of students from outside the state.

#### 5.1 Talent Search and Nourishment

We search for natural talent. This is done by designing, special optional programmes for such students with a view to providing them with a platform for active interaction with the faculty. An increasing number of our students are today trained to crack exams like NET-JRF, SLET, GATE, CAT etc. We provide hands-on experience through projects, term papers, organising and participating in advanced level conferences and seminars. Details on this follow in this chapter.

#### 5.2 Coaching Programme for SC/ST

UGC sponsored NET coaching centre for SC/ST has conducted coaching classes for NET & JRF exam Preparation from 05-12-2016 to 23-12-2016. 100 Students of various subjects' advantage of this. It is run for all category students like SC, ST, OBC, Minority and Open two times in the Year once in summer vacation and once in Diwali vacation.

#### 5.3 Physical Education

Sardar Patel University had organized various Inter Collegiate tournaments in the year 2016-2017. The result of the same is furnished below.

The University has its own playground of 15 Acres land. The following facilities are available in this playground.

Sr. NO.	Facilities	Unit	Sr. No.		Unit
1	Basket-Ball court with flood lights	2	6	400 Meters Athletic Track	1
2	Volley-Ball Ground	2	7	Foot Ball Ground(Within the track)	1
3	Kabaddi Ground	2	8	Cricket Ground (Within the track)	1
4	Kho - Kho Ground	2	9	Tennis Court (Cement Court)	1
5	Hand-Ball Ground	1	10	Table Tennis Hall (Indoor for three tables)	1

The University has constructed a new indoor multipurpose Gymnasium hall. Which have facilities of playing Badminton, Table Tennis, Basketball, Volleyball, Handball, Kabaddi, Kho-Kho, Shooting etc.

Sardar Patel University had organized various Inter Collegiate tournaments in the year 16-17. The results are shown as below:

### **MEN'S SECTION**

<b>GAME</b>	<b>WINNER</b>	<b>RUNNER'S UP</b>
Cricket (Men)	Anand Law College, Anand	Pramukhswami Medical College, Karamsad
Volleyball (Men)	N.S. Patel Arts College, Anand	P.G. Department S.P.U, V V Nagar
Kabaddi (Men)	N. S. Patel Arts College, Anand	M.B. P. Science College, Anand
Kho-Kho (Men)	N. S. Patel Arts College, Anand	Government Arts & Comm. College, Kathla
Badminton (Men)	N.S. Patel Arts College Anand	P.S. Medical Karamsad
Basketball (Men)	N. S. Patel Arts College, Anand	SEMCOM V V Nagar
Table-Tennis (Men)	N. S. Patel Arts College, Anand	A.P.I.E.D V V Nagar
Handball (Men)	V P & RPTP Science College, V V Nagar	N.S.Patel Arts College Anand
Chess (Men)	ARIBAS New V V Nagar	Pramukhswami Medical College, Karamsad
Football (Men)	SEMCOM V V Nagar	V P & RPTP Science College, V V Nagar
Athletics (Men)	N. S. Patel Arts College, Anand	V P & RPTP Science College, V V Nagar
Cross Country (Women)	Anand Arts College Anand	N V Pass Science College, V V Nagar
Boxing (MEN)	N. S. Patel Arts College, Anand	Shri R. K Parikh Arts & Science College, Petlad
Powerlifting (Men)	Arts Commerce & Science College, Bhadran	Shri R. K Parikh Arts & Science College, Petlad
Judo (MEN)	Shri R. K Parikh Arts & Science College, Petlad	C B Patel Arts College, Nadiad
Weightlifting (Men)	N V Pass Science College, V V Nagar	Shri R. K Parikh Arts & Science College, Petlad
Best Physique (Men)	N V Pass Science College, V V Nagar	N S Patel Arts College, ANand
Wrestling (Men)	N. S. Patel Arts College, Anand	Shri R. K Parikh Arts & Science College, Petlad

### **WOMEN'S SECTION**

<b>GAME</b>	<b>WINNER</b>	<b>RUNNER'S UP</b>
Tennis (Women)	SEMCOM, V V Nagar	V P & RPTP Science College, V V Nagar
Volleyball (Women)	SEMCOM V V Nagar	N.S. Patel Arts College Anand
Kabaddi (Women)	Shri Bhikhabhai Patel Arts	V P & RPTP Science College,

	College, Anand	V V Nagar
Kho-Kho (Women)	N. S. Patel Arts College, Anand	Shri Bhikhabhai Patel Arts College, Anand
Badminton (Women)	Pramukhswami Medical College, Karamsad	Khushalbhair M. Patel Institute of Physiotherapy, Karamsad
Basketball (Women)	Pramukhswami Medical College, Karamsad	N.S.Patel Arts College, Anand
Table-Tennis (Women)	Khushalbhair M. Patel Insti. of Physiotherapy, Karamsad	A.P.I.E.D V V Nagar
Handball (Women)	N. S. Patel Arts College, Anand	S M Patel College of Home Science, V V Nagar
Judo (Women)	C B Patel Arts College, Nadiad	N S Patel Arts College, Anand
Cross Country (Women)	Anand Arts College Anand	N V Pass Science College, V V Nagar
Athletics	N.S. Patel Arts College Anand	V.P.& RPTP Science College

#### 5.4 Youth Welfare and Cultural Activities

##### Activities organized

Sardar Patel University organizes Inter Collegiate Youth Festival Competition every year for the students of the affiliated colleges and departments. University also deputes a team for participation in the West Zone Inter University Youth Festival Competition. The results of cultural events of the Youth Festival are shown below:

Event No.	Event Name	Position	College/Institute
1	Classical Vocal Solo (Hindustani/Karnatic)	Third	N.S Patel Arts College, Anand
2	Classical Instrumental Solo Percussion	First	Department of Physics, Sardar Patel University, V V Nagar
		Second	V.P. & R.P.T.P. Science College, V V Nagar
		Third	M.B. Patel Science College, Anand
3	Classical Instrumental Solo Non-Percussion	First	SEMCOM, V V Nagar
		Second	Department of Mathematics, Sardar Patel University, V V Nagar
		Third	N.S. Patel Arts College, Anand
4	Light Vocal (Solo)	First	B.G. Patel College of Physiotherapy, Anand
		Second	M.B. Patel Science College, Anand
		Third	SEMCOM, V V Nagar
5	Western Vocal(Solo)	First	N S Patel Arts College, Anand
		Second	B.G. Patel College of Physiotherapy, Anand
		Third	Rama Manubhai Desai College of Music & Dance, V V Nagar
6	Group Song (Indian)	First	ILSASS, V V Nagar
		Second	M.B. Patel Science College, Anand
		Third	SEMCOM, V V Nagar
7	Group Song (Western)	First	ILSASS, V V Nagar
		Second	N S Patel Arts College, Anand
		Third	SEMCOM, V V Nagar

Event No.	Event Name	Position	College/Institute
9	Quiz	First	ILSASS, V V Nagar
		Second	SEMCOM, V V Nagar
		Third	Department of Statistics, Sardar Patel University, V V Nagar
10	Debate	First	ILSASS, V V Nagar
		Second	SEMCOM, V V Nagar
		Third	Natubhai V. Patel College of Pure & Applied Sciences, V V Nagar AND N.S. Patel Arts College, Anand
11	Elocution	First	SEMCOM, V V Nagar
		Second	Natubhai V. Patel College of Pure & Applied Sciences, V V Nagar
		Third	B.N. Patel Institute of Paramedical & Science, Anand AND ILSASS, V V Nagar
12	One Act Play	First	Shri D.N. Institute of Computer Applications, Anand
		Second	N.S. Patel Arts College, Anand
		Third	M.B. Patel Science College, Anand
13	Skit	First	Shri D.N. Institute of Computer Applications, Anand
		Second	M.B. Patel Science College, Anand
		Third	SEMCOM, V V Nagar
14	Mime	First	Shri D.N. Institute of Computer Applications, Anand
		Second	B.N. Patel Institute of Paramedical & Science, Anand
		Third	N.S. Patel Arts College, Anand
15	Mimicry	First	C.P. Patel & F.H. Shah Commerce College, Anand
		Second	M.B. Patel Science College, Anand
		Third	N.S. Patel Arts College, Anand
16	On the Spot Painting	First	C V M College of Fine Arts, V V Nagar
		Second	N.S. Patel Arts College, Anand
		Third	B.R.D. School of Biosciences, Sardar Patel University, V V Nagar
17	Collage	First	N.S. Patel Arts College, Anand
		Second	B.N. Patel Institute of Paramedical & Science, Anand
		Third	C.Z. Patel College of Business & Management, New V V Nagar
18	Poster Making	First	C V M College of Fine Arts, V V Nagar
		Second	M.B. Patel Science College, Anand
		Third	Department of Chemistry, Sardar Patel University, V V Nagar
19	Clay Modelling	First	N.A. & T.V. Patel Arts College, V V Nagar
		Second	C V M College of Fine Arts, V V Nagar
		Third	N.S. Patel Arts College, Anand
		First	C.Z. Patel College of Business & Management,

Event No.	Event Name	Position	College/Institute
20	Cartooning		New V V Nagar
		Second	P S Medical College, Karamsad
		Third	C V M College of Fine Arts, V V Nagar
21	Rangoli	First	Department of Gujarati, Sardar Patel University, V V Nagar
		Second	ILSASS, V V Nagar
		Third	B J Vanijya Mahavidyalaya, V V Nagar
22	Spot Photography	First	C V M College of Fine Arts, V V Nagar
		Second	V.P. & R.P.T.P. Science College, V V Nagar
		Third	ILSASS, V V Nagar
23	Classical Dance	First	SEMCOM, V V Nagar
		Second	ILSASS, V V Nagar
		Third	C.P. Patel & F.H. Shah Commerce College, Anand
24	Folk/Tribal Dance	First	N.S. Patel Arts College, Anand
		Second	C.P. Patel & F.H. Shah Commerce College, Anand
		Third	M.B. Patel Science College, Anand
25	Installation	First	Shri D.N. Institute of Computer Applications, Anand
		Second	ILSASS, V V Nagar
		Third	R.N. Patel Ipcowala School of Law and Justice, V V Nagar

### **NSS**

University has National Service Scheme (NSS) in 58 affiliated colleges. There is 8400 volunteer in NSS. This year new 37 college NSS student joins with Sardar Patel University. Government gives fund for regular and camping activity. University also give extra 50/- per student for camping activity. This year one science college starts NSS as elective subject and other 3 arts & commerce college start NSS as elective subject.

### **NSS ACTIVITY:**

- Tree plantation
- Cleaning of Village Street, pond and wells
- Pollution control program
- Environmental sanitation and disposal
- Provision of safe mass immunization
- Population education and family welfare programs
- Health education, Aids awareness and medical camp
- Women empowerment
- Free eye check up camp
- Blood donation camp
- Thalassemia test
- Swachh Bharat Abhiyan
- Personality development programs
- Youth leadership program
- Betabacho beti padhao abhiyan



- Street play on prevailing issues of community
- Organized developmental activity in school
- NSS day celebration
- Sharmdan
- Women's self defense
- ODF Verification in adopted village
- "Cashless transaction" programme in adopted village.

**The cultural events of the Youth Festival are shown below:**

**1. MUSIC EVENTS / ITEMS:**

- (a) Classical Vocal Solo
- (b) Classical Instrumentation Solo (Percussion)
- (c) Classical Instrumentation Solo (Non Percussion)
- (d) Light Vocal Solo
- (e) Western Vocal Solo
- (f) Group Song Indian
- (g) Group Song Western

**2. DANCE ITEMS:**

- (a) Classical Dance
- (b) Folk Dance

**3. LITERARY ITEMS:**

- (a) Debate
- (b) Elocution
- (c) Quiz

**4. THEATER ITEMS:**

- (a) One Act Play
- (b) Skit
- (c) Mime
- (d) Mimicry

**5. FINE ARTS ITEMS:**

- (a) On the spot Painting
- (b) Poster Making
- (c) Collage
- (d) Clay Modeling
- (e) Cartooning
- (f) Rangoli

**TEAM CHAMPIONSHIP**

**Runners up of Late Parshottamdas Chhotabhai Patel** running trophy is  
**N. S. Patel Arts College, Anand**

**Winner of Surajben Family trust, Ford House, Anand** running trophy is  
**ILSASS, V V Nagar**

Our team has bagged Second position in the Elocution third in Debate and Third Position in Western Vocal Solo Competition at the West Zone Inter University Youth Festival Competition during the year 2016-17 and Participated in the All India Youth Festival Competition held at Shivaji University, Kolhapur, Maharashtra

### 5.5 Students' Union in the University

All the Colleges affiliated to Sardar Patel University have Student Central Committees, presided over by the Principal, and assisted by a teacher as an ex-officio member. The Principal concerned on the basis of merit selects the General Secretary, other Secretaries, and Class Representatives. Some colleges conduct elections. In postgraduate departments also the central committees are formed select extra curricular and co-curricular activities are organised regularly under the supervision of the ex-officio member.

### 5.6 Alumni Association

We have formed our own Alumni Association in addition to those active Associations in countries like USA, UK etc. Apart from this, some Postgraduate Departments have formed their own Alumni Associations, which are actively engaged on organizing Annual Meeting and Academic Events. These are as follows:

Sr No	Department	Activities of Alumni Association	Date of Activities
1	Materials Science	Falicitation of M.Sc. Materials Science Students obtained M.Sc. & Ph. D Degree Gate to gather of Alumni Association member of Materials Science	15/12/2016
		Alumnus Interaction by Mr. Dharmesh Patel, Project Coordinator, Lorpon Labels, Canada	13/02/2017
2	Mathematics	Alumni Meet	15/12/2016
3	Psychology	One meeting arranged by the department	19/03/2017
4	Electronics	Get to gather was arranged	15/12/2016
5	Computer Science	Meeting of Alumni	15/12/2016
6	Sociology	Alumni	13/03/2016

### 5.7 Free Student Ships / Scholarships/ Fellowships

Fellowships: The University awards fellowships and free-studentships to the deserving and needy students. At present, the University has instituted several junior and senior fellowships, each worth 100/- per month. The Government of India encourages scientific and industrial research work of Doctorate standard in the University by awarding scholarships to enable deserving students to carry out research.

**Free-Studentships:** The total number of free-studentships available in each department is 5% of the total strength of the department. Free-studentships are awarded to the postgraduate students reading for their Master's degree, who are otherwise not eligible for the Economically Backward Class Free-studentships or Scholarships for the Scheduled Caste, Scheduled Tribe and other Backward Class students.

EBC free-studentships are awarded by the State-Government and the students are required to apply through the University in the prescribed form available from the University office along with the following certificate:

- Certificate of income of family from all sources, from the First Class Magistrate/ Mamlatdar/ TDO as the case may be.
- If the candidate or his guardian is an agriculturist, a copy of the extracts from village from VII-XII in respect to lands possessed by him/them.

- Likewise, students applying for the Scheduled Caste, Scheduled Tribe and Other Backward Class scholarships are required to furnish the following certificates
- Caste certificate from the concerned Social welfare Officer.
- Income certificate for Other Backward Class student from Mamlatdar/ Mahalkari / TDO as the case may be.

#### **Scholarship/Financial aid to Students**

Financial assistance is provided to deserving postgraduate students of the University by way of Scholarships, Fellowships, and Free-studentships. Various research scholarships were awarded during the year by Governmental agencies viz. Ministry of Education University Grants Commission and Council of Scientific and Industrial Research and a few Private agencies to students reading for their PhD degree.

**The details regarding various Scholarships/Fellowships/Free-Studentships etc Awarded by the university are as under: 2016-2017**

Sr No	Name of the Project / Fellowship	No of students	Amount
1	Self-finance free Studentship	212	2309460/-
2	Ratilal Vallavjibhai Doshi Parivar Scholarship	4	14,400/-
3	Dr. Taraben N Patel Scholarship	4	11200/-
<b>Total</b>		<b>220</b>	<b>2335060/-</b>

#### **Research Scholarship / Fellowship Awarded 2016-2017**

Sr No	Name of the Project / Fellowship	No of students	Amount
1	Council of Science & Industrial Research	2	7,73,800/-
2	Inspire Fellowship	7	25,29,200/-
<b>Total</b>		<b>9</b>	<b>33,03,000/-</b>

#### **Category of Students – 2016-2017**

Sr No	Name of the Project / Fellowship	No of students	Amount
1	SC Scholarship	238	DBT
2	ST Scholarship	371	DBT
3	Handicapped Scholarship	4	12,000/-
4	Baxipanch Scholarship	683	DBT
5	Minority Scholarship	119	DBT
6	MYSY Scholarship	193	DBT
<b>Total</b>		<b>1608</b>	

#### **5.8 SC/ST Cell**

The guide lines issued by UGC, govt.of India, state Govt. and Various agencies regarding reservation policy for Admission to the college as well as P G Depts. Recruitment to teaching and non-teaching posts, provision of accommodation in hostels, allotments of staff quarters etc. in respect of Sc/St have been circulated to all concerned and are being implemented. The SC/ST special cell, which takes necessary steps to display all Notification/circulars on all the Notice Boards and provides guidance to the students belonging to SC/ST important decisions taken by the university advisory committee for scheduled Caste/Scheduled Tribes were strictly followed and implemented.

University Grants Commission has laid down certain norms and initiated programmer to implement the reservation policy for SC/ST in the university and affiliated colleges to provide special facilities to students from these communities for their betterment and welfare as per instructions/orders given by the Govt. of India.

SC/ST Cell is also monitoring the progress of the NET Coaching classes with the help of financial assistance by the UGC, New Delhi for Sc/St and minority Students and provided the guidance for competitive examination.

Important decisions taken by the University Advisory committee for scheduled castes/Scheduled Tribes were strictly followed and implemented.

The Roster Policy has already been implemented in the University.

SC/ST Cell also works with the help of the Establishment Section to implement the reservation policy as per the Roster Register and try to fulfil the beck-log for university teaching and non-teaching staff.

SC/STCell also giving guidance to the Academic section at the time of Admission process and take necessary measure to insure that Reservation policy of the Government maintain at the time of admission Procedure.

## 5.9 Placement Cell

A Career and Counseling Cell of the University is operating in the old Bio-Sciences Department. The Cell has organized various placement drives in Collaboration with various departments; many companies mention below in the department wise activity visited the campus and recruited more than 100 students to placement drive Dr D J Karia is appointed as Honorary Co-ordinator and Shri B B Patel is appointed as a Placement Officer. Following Departments have established placement cells for helping the students to have placement opportunities when they are continuing in the Master's Programme:

The departmental cells are quite active in addition to placement facilities; these cells provide career counseling to the students.

## DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

Sr.No.	Student	Name of the Company	Designation	Package (Rs. in Lacs)
1	Bhatt Krunal Dineshkumar	Arth-i-Soft	Project Trainee	1.4 Lacs
2	Chhaya Devidkumar Arjanbhai	Arth-i-Soft	Project Trainee	1.4 Lacs
3	Katewa Yogendra Sureshkumar	Botree	Project Trainee	1.5 Lacs
4	Purohit Hardik Udaykumar	Botree	Project Trainee	1.5 Lacs
5	Gohil Keyur Mahendrabhai	Botree	Project Trainee	1.5 Lacs
6	Kambariya Mayurbhai Sajanbhai	Botree	Project Trainee	1.5 Lacs
7	Lakhani Nikul Shambhubhai	CrossShore	Project Trainee	1.4 Lacs
8	Dhumadiya Shubhamkumar Ashokbhai	EmiPro Technolgoies	Project Trainee	1.5 Lacs
9	Patel Megha Kantilal	EmiPro Technolgoies	Project Trainee	1.5 Lacs

10	Rathod Jayesh Hareshbhai	Logilite	Project Trainee	1.8 Lacs
11	Ghosi Vasimakaram Salimbhai	Logilite	Project Trainee	1.8 Lacs
12	Vhora Khushbuben Sirajbhai	Logilite	Project Trainee	1.8 Lacs
13	Lohar Rajeshbhai Bhanvarlal	Logilite	Project Trainee	1.8 Lacs
14	Kalavadia Nehal Mahendrabhai	Logilite	Project Trainee	1.8 Lacs
15	Patadia Meghavi Nimeshkumar	Mobile Internet	Project Trainee	1.5 Lacs
16	Kakdiya Mital Jagdishbhai	Mobile Internet	Project Trainee	1.5 Lacs
17	Chavada Narendra Valkubhai	Mobile Internet	Project Trainee	1.5 Lacs
18	Vasoya Bhaveshkumar Dharamshibhai	Mobile Internet	Project Trainee	1.5 Lacs
19	Chahwala Urvish Nareshkumar	NCDFI	Project Trainee	-
20	Jigarkumar Somchandbhai Padaria	SilverWing	Project Trainee	1.5 Lacs
21	Jatin Rajendrabhai Patel	SilverWing	Project Trainee	1.5 Lacs
22	Panchal Ravi Hiteshbhai	Tatvasoft	Project Trainee	2.1 Lacs
23	Prajapati Gauravkumar Kanubhai	Tatvasoft	Project Trainee	2.1 Lacs
24	Gajjar Chirag Kamleshbhai	Tatvasoft	Project Trainee	2.1 Lacs
25	Mavani Radha Mukeshbhai	TCS	Project Trainee	3.3 Lacs
26	Joshi Nehaben Prakashbhai	TCS	Project Trainee	3.3 Lacs
27	Vhora Naznin Munafbhai	TCS	Project Trainee	3.3 Lacs
28	Dodiya Aneri Kishorbhai	TCS	Project Trainee	3.3 Lacs
29	Trivedi Aditi Nareshbhai	TCS	Project Trainee	3.3 Lacs
30	Divyakumari Navinchandra Ladhani	TCS	Project Trainee	3.3 Lacs
31	Chauhan Chiragkumar Rameshbhai	TinyERP	Project Trainee	1.4 Lacs
32	Jamod Sanjay Babubhai	TinyERP	Project Trainee	1.4 Lacs
33	Usturge Shivani Sunil	Vrindi	Project Trainee	1.44 Lacs
34	Shah Anjalee Raju	Vrindi	Project Trainee	1.44 Lacs
35	Dave Swetaben Subhashbhai	Computer Centre (SPU)	Project Trainee	-
36	Patel Shilpesh Kumar Chandresh Bhai	Computer Centre (SPU)	Project Trainee	-
37	Solanki Jintal Nitinbhai	Computer Centre (SPU)	Project Trainee	-
38	Sanskriti Rajeshkumar Rajpara	Computer Centre (SPU)	Project Trainee	-
39	Kolipatel Hansaben Melabhai	Atos	Project Trainee	1.44 Lacs
40	Rajput Bhargav Rajput	Atos	Project Trainee	1.44 Lacs

**DEPARTMENT OF MATERIALS SCIENCE**

No	Name of Company	Location	No of Students Placed
1	Swiss glascoat equipment Ltd.	Vallabh Vidyanagar	2
2	Macro Polymers ltd.	Ahmedabad	1
3	Olive Health care ltd.	Vapi	1
4	Apothecon pharmaceuticals pvt ltd	Vadodara	1
5	Polycoats product – A division of American polymers corp.	Vadodara	1
6	Richter themis medicare pvt. Ltd.	Navsari	1
7	Marine life sciences	Valsad	1
8	Radium creation ltd	Vapi	3
9	School	Ahmedabad, Junagadh	3

**DEPARTMENT OF BUSINESS STUDIES**

No	Name of Company	Location	No of Students Placed
1.	Wellsun Pvt. Ltd.	Anand	Yet to inform
2.	QX KPO Services Pvt. Ltd.	Ahmedabad/ Vadodara	Final Placement is remaining

**DEPARTMENT OF SANSKRIT**

Sr. No.	Student	Name of the Company	Designation	Package (Rs. in Lacs)
1	Shilesh M. Raulji	K. K. Shastri Government Arts College, Maninagar, Ahmedabad	Assistant Professor	3.0
2	Arvind Talpada	Government Arts College, Megharaj	Assistant Professor	3.0

**DEPARTMENT OF HOME SCIENCE**

Sr. No.	Student	Name of the Company	Designation	Package (Rs. in Lacs)
1	Ms. Sunita Bapulal Patidar	Under ICMR	Research Assistant(Nutrition)	3,60,000=00
2	Mr. Rahulkumar Dankhara	Hajoori and Sons	Chemist	1,20,000=00
3	Ms. Madhviben Prakashbhai Savani	Advance Diabetic Centre, Surat	Dietician	1,44,000=00
4	Bij Mistry	Vraj Namkeen, Bhadran	QA/QC Department	96,000=00
5	Anupama Kumari	Vimal Agro Food Products Pvt. Ltd.	Quality Control Executive	1,80,000=00
6	Vamshi Krishna	Surati Foods, Vadodara		2,04,000=00

7	Suhani Shiora	Surati Foods, Vadodara		1,80,000=00
8	Madhavi Savani	Advanced Diabetes Centre	Assistant Dietician	1,44,000=00

No	Name of Company	Location	No of Students Placed
1	Hajoori and Sons	Surat	01
2	Advance Diabetic Centre	Surat	01
3	Vraj Namkeen	Bhadaran	01
4	Vimal Agro Food Products Pvt. Ltd.	Bardoli	01
5	Surati Foods	Vadodara	02
6	Advanced Diabetes Centre	Surat	01

#### DEPARTMENT OF MATERIALS SCIENCE

No	Name of Company	Location	No of Students Placed
1	Swiss glascoat equipment Ltd.	Vallabh Vidyanagar	2
2	Macro Polymers ltd.	Ahmedabad	1
3	Olive Health care ltd.	Vapi	1
4	Apothecon pharmaceuticals pvt ltd	Vadodara	1
5	Polycoats product – A division of American polymers corp.	Vadodara	1
6	Richter themis medicare pvt. Ltd.	Navsari	1
7	Marine life sciences	Valsad	1
8	Radium creation ltd	Vapi	3
9	School	Ahmedabad, Junagadh	3

#### DEPARTMENT OF PHARMACEUTICAL SCIENCE

No	Name of Company	Location	No of Students Placed
1	Alembic Research Center	Vadodara	1

## CHAPTER – 6

### ORGANIZATION AND MANAGEMENT

The university has a long-standing tradition of leadership in all walks of academic as well as administrative life. Thanks to the tall academic leaders we have had in the form of Vice Chancellors like Shri Bhailalbhai Dyabhai Patel, Shri Babubhai J Patel, Professor R S Mehta, Professor R D Patel, Professor P J Patel, Professor B G Patel and Professor Harish Padh, teachers in the university have remained motivated and have been working towards developing higher standards of achievement. Gujaratis settled abroad or Non-resident Gujaratis, who form a part of the Indian Diaspora, contribute innovative ideas of management and quite often make donations to the university. This University is well-known in the world today due at least to two major reasons: the association of the name of the great son of the soil, Shri Sardar Patel, with it; and the contribution of the teaching fraternity in the University.

We are an affiliating university catering to the needs of approximately 40,000 to 42,000 students distributed in 11 faculties in more than 92 affiliated colleges. The large number of students in the university has indeed posed problems to the administration due to inadequate staffing in academic and administrative sections. The university leadership has been trying hard to persuade the state government to issue no objection certificates so that it can fill the vacancies that have remained unfilled for a long time due to a ban on fresh recruitments in the state for a long time.

Major statutory academic bodies of the university include Boards of Studies, Faculties, Board of Postgraduate Studies and Research, Academic Council, the Senate, and the Executive Council. Each of these bodies considers proposals, discusses them at length and decides on policy before passing the proposals on to the next higher body. Consequently, quality is perceived and pursued naturally, without wasting time and energy in mere discussion. The official interactions between the administrative and academic units are bilaterally gainful for making the functioning more effective and efficient both ways in quite an amicable manner. Administrative sections and their intersectional communications make the whole system goal-oriented.

**The Following describe the number of meeting held in the year 2016-2017**

#### **6.1 Statutory Decision Making Bodies of the University**

	<b>Important Bodies</b>	<b>Meeting held</b>	<b>Total Members</b>
<b>A</b>	<b>Senate</b>	01	134
<b>B</b>	<b>Syndicate</b>	07	26
<b>C</b>	<b>Academic Council</b>	01	47
<b>D</b>	<b>Board of Postgraduate Studies and Research</b>	01	56
<b>E</b>	<b>Faculties</b>		
	Faculty of Arts	01	206
	Faculty of Science	01	239
	Faculty of Business Studies	01	84
	Faculty of Management	01	42
	Faculty of Education	01	47
	Faculty of Home Science	01	10
	Faculty of Law	01	06
	Faculty of Homoeopathy	01	11
	Faculty of Medicine	01	47



<b>F</b>	<b>Boards of Studies</b>		
	Hindi	02	34
	Gujarati	02	48
	Sanskrit	01	28
	English	03	42
	History	01	12
	Logic and Philosophy	01	02
	Sociology	01	20
	Psychology	01	08
	Economics	01	48
	Political Science	01	09
	Geography	01	03
	Co-Operation	01	05
	Library Science	01	01
	Music and Dance	01	01
	Mathematics	01	16
	Statistics	02	12
	Chemistry	02	47
	Physics	01	39
	Biosciences	02	64
	Industrial Chemistry	01	14
	Computer Science	03	31
	Electronics	01	14
	Materials Science	01	02
	Commerce and Business Studies	02	45
	Accountancy	01	39
	Banking	01	02
	Management	02	42
	Education	01	47
	Law	02	06
	Home Science	01	10
	Homoeopathic	01	11
	Clinical	01	20
	Paraclinical	01	14
	Pre-Clinical	01	13
<b>G</b>	<b>AD-Hoc Board</b>		
	Master in Urban Planning	01	13
	B.Arch.	01	12
	Social Work	02	12
	Bioinformatics	01	10
	E-Business	--	08
	Diploma Course in Orthopedics	--	08
	Instrumentation	00	06
	Master of Valuation Real Estate and Master of Plant & Machinery	01	06
	Interior Design	02	21
	Master of Public Administration	01	05
	Sardar Patel Studies	--	06
	Master of Human Resource Development	01	07
	B. Visual Arts	--	06
	PG Diploma in Dialysis	--	04
	Defense Science & Technology	01	09
	Biomedical Science & Technology		09
	Forensic Science	01	10

Communication, Journalism Public Relation	--	06
Master of arts in Education	--	07
Nanoscience and Nanotechnology	01	07
Media Studies	--	06
Master of Labour Welfare	01	06
Renewable Energy	01	15

## 6.2 University Finance

The operating budget of the institutions is adequate to cover their day-to-day expenditure. Notwithstanding the fact that the State Government sometimes fails in releasing the adequate monthly grant in time creates pressure on the fiscal resources of the University, the pressure is eased using the funds available from the self-financing programmes and courses. The maintenance budget of the University is insufficient with reference to its assets, mainly because the Government, though based on value estimated three years ago, provides only 3% of the book value of the assets. The University accounts have been audited regularly, and a mechanism has been established for internal as well as external audit.

Three initiatives have been undertaken to ensure proper financial management in the University. (1) The University appointed a High-Powered Committee in 2003-04 to coordinate and streamline the financial aspects of the Postgraduate Departments as well as the Administrative Unit, and its recommendations have been implemented. (2) An Internal Auditor, who is a qualified chartered accountant, audits and approves each bill prior to payments being made, and then puts up the monthly report before competent authorities of the University. (3) The Executive Council has also appointed a Financial Advisory Committee for overseeing fiscal management and providing guidelines to ensure that the financial health of the University is maintained.

### SYSTEMS OF ACCOUNTS

1. Maintenance Accounts (Non-Plan), dealing with revenue receipts and expenditure of the university.
2. Development Account (UGC Plan), dealing with the development of the university. The expenditure is being met out of the five-year plan.
3. Earmarked (Specific) and Endowment Funds, dealing with the transactions in connection with the earmarked research projects and awarding scholarships and medals. Conferences and other specified purposes are funded by various agencies namely UGC, DST, DAE, CSIR, NBHM, DRDL, ICAR, NDDDB, State Governments etc.
4. Self Financed Courses: Separate accounts are maintained and expenses are being met from the resources.
5. Debt, Funds and Deposits relate to the receipts and payments in connection with the Provident Fund and other various receipts.

## CHAPTER-7

### HEALTHY/INNOVATIVE PRACTICES

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NAAC used the phrase 'Best Practices' for a long time before shifting to the alternatives 'Healthy Practices' and 'Innovative Practices'. All these terms may be synonymous but as it happens with synonyms wherein words share something in common but differ in great degree in meaning, these terms also differ. The term *best practice* is certainly a reference to performance vis-à-vis activities indicative of a habit aimed at improvement of a skill or a skills set. The term *healthy practice* signals a practice that has, shows, or promotes positivity in the overall performance. Healthy practice is one which indicates that the activity or a set of activities provide us evidence of the institution being in good health. The term *innovative practice* indicates activity or a set of activities being performed indicate uniqueness, or suggestive of these set of activities being matchless and, therefore, superior in nature.

Some of the healthy/innovative practices we have been able to put in place and follow very meticulously are as follows:

1. The University township in general and the University campus in particular abounds in trees of all kinds and this has helped reduce pollution a great deal and maintain temperatures at 4 to 5 % lower than what these actually are outside the campus and township at any given point in time. This also adds to the ambience of the place.
2. The Vallabh Vidyanagar Municipal Borough and the University ensures that new trees are planted in place of those that may have dried up. There is a near complete ban imposed on felling of trees on the campus and in the township.
3. Our Internal Quality Assurance Cell (IQAC), which was created in the year 2000 to work on the SSR for the assessment and accreditation for the first time in December that year, was formalised in 2004. Subsequently, it was reconstituted in 2006 to start preparing the SSR for reaccreditation in 2009. It has worked in tandem with the Examination Reforms Unit (ERU) of the University. These two units have kept a watchful eye on and addressed the academic and examination related issues from time to time.
4. Our successive Vice Chancellors have made himself accessible to the student community throughout the year, depending on the nature of their daily schedule.
5. There is complete transparency in admissions granted on the basis of merit as the merit list for the masters, MPhil and PhD programmes is prepared and put on the University website. The university has adhered to the national and state reservation policies in the granting of admissions. Students from communities belonging to Schedule Castes, Schedule Tribes, Socially and Economically Backward Classes, Physically or Visually Challenged groups, children of retired army men and women etc are admitted on merit against their reserved quota and, therefore, there have been no complaints of discrimination.
6. The university departments work in close cooperation with each other and this ensures work getting done quickly. Everyone in the university departments knows everyone else in the administration, and this has facilitated a happy co-existence.
7. The university takes pride in the fact that we have never had strikes on the campus. Academic sessions begin every year on time, examinations are announced and conducted on time, and central evaluation is conducted and results declared on time. Complete confidentiality is observed in on-the-spot evaluation and resolution of the problem/s.
8. 10% of the meritorious students admitted on self-financing basis are granted 50% freeship on the basis of their merit standing at the BA for those in the first year of the two-year masters

programme and during the second year on the basis of their performance in the examination in the first year of masters programme. This works as a great incentive, and motivates our students to compete so as to be eligible for the 50% freeship.

9. Students receiving gold medals for their outstanding performance in their final year exams are invited a day before the annual convocation, publicly felicitated in the presence of their parents, the teaching fraternity, administrative staff, and leading citizens of the township specially invited for the purpose, and this ends with a dinner engagement where they get to interact with everyone present.
10. The university disburses gratuity and leave encashment fully by cheque to its superannuating employees on the day of their retirement.
11. Employees retiring during any given academic year are publicly felicitated and given a warm farewell as a result of which a permanent bond gets at once established between the university and the retiring employees, creating a lot of goodwill.
12. Medical facilities available in the University Health Centre continue to be extended to the superannuating employees and their families.

Other details are provided hereafter.

### **7.1 Sanskar Mandal and Balwadi**

The University promotes and contributes to Sanskar Mandal, an NGO, for organizing cultural activities involving family members of the staff of the University. Sanskar Mandal, established in 1968, is an institution imparting/ knowledge with fun. In addition to the educational activities, it also undertakes other welfare activities for women, children and Senior Citizen. National festivals are celebrated with great zeal. Cultural & Sports by Sanskar Mandal!

Sanskar Balwadi also organizes regularly various kinds of competitions such as Fancy Dress, Hair Style, Mehndi, and Garba Competition at Taluka and District Levels. It provides nutritious food to children and has swings and slidings for the amusement of the children on its large compound. It has fine equipment for the development of various skills.

### **7.2 Internal Quality Assurance Cell (IQAC)**

#### **IQAC**

Educational institutions established by the state and funded from the public exchequer for 'public good' are required to lead to improved quality of the services they offer. These academic institutions are increasingly recasting themselves on business models. For, the increased concern for accountability and transparency is virtually leading to their corporatization, resulting in demands for accountability to stakeholders, quality assurance, quality management, and Total Quality Management (TQM).

#### **IQAC Cell at Sardar Patel University**

Internal Quality Assurance Cell was formally established in May 2004 after the first accreditation of our university. In keeping with our policy of paying greater attention to quality aspects to make Quality Consciousness an intrinsic part of the academic and administrative fabric in the University, we set up an IQAC. Its twin objectives are: (a) to ensure continuous improvement in the entire operation of the institution; and (b) to assure the stakeholders in higher education – namely, students, parents, teachers, staff, would-be employers, funding agencies and society in general of the accountability of the institution for its own quality and probity. It functions under the guidance of a Quality Advisory Committee (QAC) chaired by the Vice Chancellor.

The IQAC is mandated to perform the following functions: (1) to develop and apply quality benchmarks/parameters to various activities of the institution;(2) to disseminate information on quality aspects; (3) to organize discussions, workshops, seminars and promote quality circles; (4) to record and monitor quality measures of the institution; (5) to act as a nodal agency of the institution for quality related activities; (6) To collect, analysis and act upon the feedback of the stakeholders, chiefly the students and (7) to prepare the Annual Quality Assurance Report and such other reports as may be required from time to time.

### **Objectives of IQAC**

- 1 To ensure timely, efficient and progressive performance of academic, administrative and financial tasks
- 2 To enhance the quality of academic and research programmes by making them relevant
- 3 To create mechanisms so as to ensure equitable access to and affordability of academic programmes for various sections of society
- 4 To optimize and integrate modern methods of teaching and learning into the existing designs of the programme on offer
- 5 To create mechanisms for the improving the credibility of evaluation procedures
- 6 To ensure adequacy, maintenance and functioning of the support structure and services
- 7 To engage in sharing research and networking with other institutions in India and abroad.
- 8 To integrate various activities of the institution.
- 9 To channelize the interdisciplinary work by facilitating faculty members.

### **How Our IQAC Stands Constituted**

The full-fledged IQAC Advisory Committee of the University reconstituted on 02.01.2013 has representatives of major stakeholders: three members of the existing University Syndicate one of whom is also Head of a University Department and one a senior Principal from an affiliated college, two Heads of University Departments, and four University Professors/Associate Professors. Thus we have statutorily-appointed authorities and members of statutory bodies like the Senate, Syndicate, Board of Postgraduate Studies and Research, Academic Council, various Faculties, and various Boards of Studies. The Advisory Committee has due representation at women too.

### **Coordinator/Co-Coordiators**

The IQAC has a coordinator and two co-coordinators with equal share of responsibilities. The coordinator is tasked with the responsibility for effective functioning of the cell and involvement of all its members in this task. The University has evolved a system whereby a fairly great deal of continuity is maintained and those responsible for the activities of the cell are adequately experienced for the purpose.

### **IQAC Coordinators**

1. Prof. (Dr.) N. V. Sastry, Coordinator
2. Dr. D. J. Karia, Co- coordinator
3. Dr. S.K. Bhatt, Co- coordinator

### **Advisory Committee of IQAC**

1. Vice-Chancellor
2. Prof. (Dr.) N.V. Sastry, Coordinator, IQAC, SPU
3. Dr. D J Karia, Co. Coordinator, IQAC, SPU
4. Dr. S K. Bhatt, Co. Coordinator, IQAC, SPU
5. Prof. K.C. Patel, Department of Biosciences, SPU
6. Dr. Baldev Agja, Department of Political Science, SPU
7. Prof. Suresh Makwana, Department of Psychology, SPU
8. Dr. P.S. Sajja, Department of Computer Science and Technology (MCA), SPU
9. Dr. A. Shanubhogue, Department of Statistics, SPU
10. Dr. Darshna Dave, Department of Business Management (MBA), SPU
11. Dr. U.B. Trivedi, Department of Biosciences, SPU

12. Dr. Alka Macwan, M.B. Patel College of Education, SPU
13. Mr. Parth Patel, CEO, APMS, Anand
14. Mr. Rajendra Barot, Vallabh Vidyanagar
15. Mr. Nilesh Patel, Anand
16. Mr. J. A. Patel, Warm Stream, GIDC, V.U. Nagar
17. Mr. Jayprakash Patel, Anand
18. Registrar
19. Deputy Registrar
20. Chief Account Officer (CAO)

### **IQAC Regular Activities**

- (1) IQAC has prepared Annual Report of the University every year as per the NAAC format.
- (2) Preparation of the Annual Quality Assurance Report (AQAR) to be submitted to NAAC based on the quality parameters every year.
- (3) IQAC coordinators arrange meetings with Registrar once in a month to pending agenda of IQAC.
- (4) IQAC makes a separate Departmental IQAC committee for each department in the University with few responsibilities.
- (5) IQAC gets students feedback from the University students.
- (6) IQAC has been collecting data every year for All India Survey on Higher Education which was launched by MHRD, Government of India. Dr DJ Karia is named the Nodal officer at the University for AISHE.

### **CONTRIBUTION OF IQAC**

1. Contribution to Preparation of Annual Report
2. Contribution to Developmental Plan of the University
3. Contribution to University Efforts for NAAC Re-Accreditation
4. Contribution to Workout Modality of CBCS at University as well as State Level
5. Computation of API of the Career Advancement and New Recruitments
6. Career Counselling Cell
7. All India Survey of Higher Education
8. University and Industry Interaction Cell
9. Preparation of brochure and information of expertise available at the University departments.
10. Participation in the Education Summit 2014 of Government of Gujarat and MoU
11. Attended and participated in several Workshops and Meetings at KCG, Gandhinagar and Department of Education
  - a) Academic Reforms including CBCS Review
  - b) Common Admission to UG Science Programme
  - c) Improvement of Quality of Higher Education
  - d) RUSA: Understanding and Preparation of Proposal-University and Colleges
12. Preparation of the Proposal for RUSA
13. Coordinated the Allocation of UGC XII Plan Grants
14. Planning and Monitoring of the timely utilization of UGC XII Plan

### **7.3 University & Industry Interaction (U&I Cell)**

The U&I Cell has been active after the preparation of a Compendium giving details of the infrastructure, testing, and core competencies available in various PG Departments as well as other sections of the university. Two volumes of the compendium were prepared: **Vol I:** covering the Basic Sciences and Business Management, and **Vol II:** the Humanities and Social Sciences.

#### **The U&I Cell Interaction Cell works with the following specific objectives:**

1. To create a database on need analysis of Industries in the state
2. To create a database on expertise/facilities on the campus
3. To Co-ordinate R & D projects/ consultancy/ sponsored projects / problem solving between University Departments and Industries in the area of Product/ Process development and technology transfer

4. To assist in signing of MoU, promote patent awareness and development of IPR/Patents by the University faculty based on their products and process
5. To help testing/material characterization
6. To offer training programmes relating to professionally oriented fields for small/medium scale industries
7. To keep liaison with various funding agencies and Govt. organizations.

#### 7.4 Anti-Sexual Harrassment Cell

The Cell for Cases related to Women and Anti-Ragging has the following as members:

##### Women's Cell

1. Honorable Vice Chancellor, (Chairman)
2. Dr. Pinakini Pandya (Convener), Gujarati Department, Sardar Patel University
3. Dr. Dipti Shah, Department of Computer Science, Sardar Patel University
4. Dr. Sonal Bhatt, Department of Economics, Sardar Patel University
5. Dr. Sima Rathod, Department of Hindi, Sardar Patel University
6. Dr. Darshana Dave, Department of MBA, Sardar Patel University
7. Smt. Indiraben V. Patel (Sumiben) NGO Karamsad, Anand (Invited Member)
8. Dr. Nusrat Kadari, Shri I. J. Patel B.Ed College, Mogri (Invited Members of College)
9. Dr. Heenaben Gajjar, N. S. Patel Arts College, Anand (Invited Members of College)
10. Khushabu Koradiya, Department of Bio-Science, One student from Basic Science
11. Gayatri Vasava, Department of Gujarati, One Student from Humanities, Social Science & Management.

##### List of Programs organized during 2016-17

No	Name of the Programme	Date	Expert/Collaboration
1	Orientation Programme	16 <sup>th</sup> July, 2016	Inauguration: Dr. Harish Padh Guest Speaker: Mrs. Chetana Rana-Sahoo (The First Gujarati Woman to have climbed Mt. Everest)
2	Meeting to Discuss Gender Audit	26 <sup>th</sup> July, 2016	IQAC with Member's of Women's Cell
3	Meeting to Discuss Departmental Women's Cell	29 <sup>th</sup> August, 2016	IQAC with Member's of Women's Cell & HODs of the Departments
4	Gender Audit	September, 2016	By PEER Team A & B
5	Women Cell Meeting	December, 2016	Future Plan
6	Programe organized in Collaboration with Women Study Center	17 <sup>th</sup> December, 2016	Kavya Sandhya
7	Natyotsav	19 <sup>th</sup> to 23 <sup>rd</sup> January, 2017	West Zone Cultural Centre, Udaipur
8	Women's Day Celebration	09 <sup>th</sup> March, 2017	Finance Management for Women
9	Women's Day Celebration	11 <sup>th</sup> March, 2017	Natyaprastuti: Yashodhar
10	National Workshop	21 <sup>st</sup> March, 2017	Women and Law

**Local (Internal) Complaint Committee**

1. Honourable Vice-Chancellor, (Chairman)
2. Dr. Pinakini Pandya, Dept. of Gujarati, Sardar Patel University (Presiding Officer)
3. Dr. Jagrutiben Parmar Dy. Registrar, Sardar Patel University
4. Dr. H. P. Trivedi, Department of Economics, Sardar Patel University
5. Dr. Sangita Pathak, Department of Psychology, Sardar Patel University
6. Smt. Indiraben V. Patel, NGO – Karamsad, (Non Government Organization)

**Anti-Ragging Cell**

1. Honourable Vice Chancellor, (Chairman)
2. Dr Navneet Chauhan, (Nodal Officer) Dept. of Hindi, Sardar Patel University
3. Registrar, (Member Secretary) Sardar Patel University
4. Deputy Registrar, (Member Secretary) Sardar Patel University
5. Heads of Department, (Members) Sardar Patel University
6. Principals of Insti./Colleges, (Members)
7. Dr (Mrs) Pallaviben P Patel, (Member) Heads of Womens Harassment Cell,
8. Shri Prayasvinibhai B Patel, (Member) Non-Government Organization (NGO),
9. Shri Dipakbhai Sathi, (Member) Naya Padkar, Media,

**7.5 ENVIRONMENT CELL**

We have established an Environment Conservation and Management Cell, known as “Environment Cell”, to implement our Environment Policy. It has undertaken many activities for Rainwater Harvesting. On our own initiative, we constructed an underground tank at Vice-Chancellor’s residence for collecting rainwater. The idea generated such interest that such underground tanks were constructed at the residence of Vice-Chairman of Jagrut Mahila Sangathan, Anand and the idea is spreading very fast.

The University dug a bore-well at University Staff Colony to deposit rainwater to raise the level of underground water table. This helped raise the levels of underground water with a remarkable improvement. The Municipal Borough of Vallabh Vidyanagar took interest and dug seven such bore-wells. The cell undertook tree plantation programme on different occasions and more than five hundred trees so planted are being nurtured. The Cell has now begun preparing a Manual for Rainwater Harvesting. A small library with books on environment management, and water management is taking shape at Department of Social Work under the supervision of this Cell.

**7.6 Centres for Training and Research in Language and Communication**

The Centre for Training and Research in Language and Communication, Sardar Patel University started offering Advanced Certificate Courses in Communication Skills in English from 27 December 2004 on the mandate given by the then Vice Chancellor Dr P J Patel.

**Objectives:** The Centre seeks to achieve the following objectives: (a) designing and offering need-based and short-term courses, (b) creating teaching and learning materials, (c) developing testing packages, (d) providing specialized instruction and training, (e) undertaking extensive market research, (f) conducting comprehensive needs analyses, (g) validating these needs analyses through market research, (h) providing consultancy services, (i) offering counselling of all kinds, and (j) conducting tests and certifying communicative language ability.

**USP of these Courses**

- University approved and certified.
- Unavailable in the traditional system of education.
- Designed not only to improve communication skills but also to mould the personality of the participants to give them a cutting edge.



- No clash with regular studies/work because course participants will only be required to put to use in their day-to-day work the skills that they master.
- Study skills, time management skills, research skills, social/people skills etc are on offer.
- Instruction and Training from University teachers, who are experts in the subjects concerned.
- Assurance of Value for Money since the course participants will be able to see for themselves the change in their personality and skills.

### **7.7 Teaching and Research Interwoven**

- Provision of Research Projects/ Presentation in MSc
- Special efforts to prepare students to take NET-JRF
- Collaborative Research

### **7.8 Welfare Schemes for Sardar Patel University Fraternity**

The following welfare schemes are in operation:

#### **A. Loans From General Provident Fund (GPF)/Contributory Provident Fund (CPF)**

All the teaching and non-teaching staff are provided interest free loan up to 75% of the contribution of the employee from their own funds deposited in GPF/CPF. The loan is provided for (a) the marriage, (b) other social occasions, (c) cover illness, (d) purchase of a house, (e) purchase of vehicles, and (f) for higher education purpose.

#### **B. Group Insurance Scheme**

This scheme is available to all teaching and non-teaching staff. Every employee contributes per month to this scheme. In case of a premature death of an employee, the amount is paid to kith and kin of the deceased. If the employee retires after attaining superannuation or voluntary retirement, an employee is paid the amount of his/her contribution after certain deductions.

#### **C. Teachers Welfare Fund**

The university has created a separate fund for the welfare of the university teachers and necessary financial assistance is provided to the teachers' kin in case the employee dies in harness, or suffers from physical/mental incapacitation. An amount of 5.2% is deducted from remuneration paid to the teachers against the examination work.

#### **D. Medical Facilities from the Health Centre**

The University Health Centre provides primary health facilities to all the employees and students registered in the University. This is over and above the health facilities available in all the government hospitals as per the norms identified by the Government of Gujarat. The university reimburses the actual expenditure incurred during the illness as per the norms set by the government.

#### **E. Kalyan Nidhi for Non-Teaching Staff**

Every member of the non-teaching staff of the university makes voluntary contribution to fund created to allow the university to make payments to an employee on his/her retirement or sudden demise and provides necessary financial assistance to the non-teaching staff of the university.

#### **F. Free Studentship to the wards of Class-III and Class-IV of SPU Employees Studying in Sardar Patel University**

The university reimburses full tuition fees in case the wards are studying in grant-in-aid courses and 50% of the tuition fees in case the wards are studying in self-financed courses to the wards of Class-III and Class-IV employees of the university studying in Sardar Patel University.

## 7.9 Sardar Patel University Community Outreach and Extension Programme: A Pilot Project

Continuing the mission of the University of “Resurgence of Rural India” by taking education and applications of study and research in various disciplines of knowledge to the doorsteps of rural areas, and prepare the citizens and leaders of new free nation as envisioned by Sardar Vallabhbhai Patel, the University undertook a pilot of SARDAR PATEL UNIVERSITY COMMUNITY OUTREACH AND EXTENSION PROGRAMME.

The Project, unique of its kind was taken up by the office of the Vice- Chancellor, Prof Dr Harish Padh. The Coordinating support was provided by Dr Vibha Vaishnav, P G Department of Electronics, Dr. Swati Sathaye, Department of Dentistry, Pramukhswami Medical College and Dr Shyamsundar Raithatha, Department of PSM, Pramukhswami Medical College, Karamsad.

The Pilot Project consisted of various sub-projects as follows:

1. **“Explore the “Sardar” within”** – A Novel Three tier Leadership Training Initiative Through Volunteering wherein the teen mentors, who were the select group of students of 08<sup>th</sup> and 9<sup>th</sup> standards from 5 Different schools (Anandalaya, Kendriya Vidyalaya, Shristi English Medium School, Angel’s School and Sri Sri Ravishankar Vidya Mandir) volunteered themselves to teach various subjects like English, Hindi, Computer and Crafts for 2 Hours per week to the Underprivileged Children, the meeting to whom was facilitated by a local NGO, Patriot Gujarat, a Global Pride”, Kailash Farm Nursery, Anand with the help of Dr. Kamlesh Shah (Associate Professor, V.H Dave Homeopathic College, Anand), running under the Valued Based Education Principle of Swami Vivekananda.

In order to impart Leadership Training through Volunteering, about 15 PG/UG students of our University were indentified who worked as Level 2 mentors studying and demonstrating on various leadership qualities of Sardar Vallabhbhai Patel and training the Teen mentors every week. The Level – 2 mentors were trained by the Coordinators and also various eminent scholars in separate sessions organized from time to time.

Following activities were carried out under this sub-project:

- (i) Programmes about educating and generating awareness about the health and hygiene practices and sanitation sense was also organized for the underprivileged children.
- (ii) A Session on creative craft by utilizing waste material and making useful items like small baskets/penstand etc. were also taught both to the mentors as well as mentees.
- (iii) A workshop on “Tod-Fod-Jod” for developing confidence of handling various gadgets and an understanding about the involved Scientific Principles was organized in association with the ‘Sardar Patel University Community Science Centre’.
- (iv) A Workshop on “win win teen” was organized under the joint auspices of the Children’s University for the level 1 mentors for imparting leadership training.
- (v) A Competition of the presentation of ideas to develop Community Science Park was also arranged for the level 1 mentors.

2. **e-waste Management.**

e-waste management is a major problem in the modern computerized world.

The University got re-Assembled 18 Computers, from the lot of condemned computers in the junk of e-waste, by the University Computer Centre and provided 18 such computers for the purpose of education to an NGO.

3. **Prepared a “Bolatan Pustak”** (Audio Book) for the Blind People’s Association, Ahmadabad.

“Tattvamasi” by Shri Dhruvbhai Bhatt, a well known Gujarati Novel cum Life enriching and guiding story depicting the life on the banks of river Narmada, and a recipient of ‘Rashtriya Sahitya Academy Award’ was selected for the purpose. the book was prepared utilizing honorary services from an expert announcer and reader and was recorded, edited and prepared at the University’s Community Radio Station.

4. **Fitness for the Princess**

As a broader initiative aiming at developing physical fitness among school going teen aged girls of Vallabh Vidyanagar and Anand, this Project was taken under the joint auspices

of the KM Patel Institute of Physiotherapy, Karamsad and Dr. R. Harihara Prakash, the principal worked as one of the coordinators.

103 participants in the age group of 11 to 13 years were selected from Anandalaya School, Sri Sri Ravishankar Vidya Mandir, St.Mary's School, GJ Sharda School and recruited for the study.

Consent was taken from the parents before commencing the intervention. The participants were screened for any cardiac, pulmonary or orthopaedic problems and then recruited in the study.

Outcome measures included Rockport one mile walk test and Vo2 max. Physical Activity Questionnaire for Adolescents was administered to know the baseline physical activity level of participants. Participants were assessed prior to intervention. Structured exercise program was administered for a total of one month. The tailor made intervention program included walking program, jogging, skipping, DBE and suryanamaskar was executed by physical training teachers at the school. Participants were asked to play any outdoor sports of their choice for a minimum of 30 minutes. Checklist for the exercise program for each student was maintained to check the adherence.

Participants were re-assessed after the completion of intervention. Significant improvement was shown in terms of Vo2 max and duration taken to complete Rockport one mile walk test. (Paired't' test used) Hence with these, it was concluded that structured exercise program should be a part of every school curriculum to gain benefits of physical activity and increase the chances of healthy living.

Following the guidelines from UNESCO's "Learning to be" project where it is highlighted that the Future Society will be the "Learning Society", it appears that the University's such Community Outreach and Extension Programmes have the major role to play.

The University has opened gates to children, Youth Brigade, Underprivileged or disabled portion of society. In true sense it is working for the betterment of the community, through- education, imbibing a culture of service and preparing the leaders of tomorrow from the youngsters, called "the Demographic Dividend" of the country.

## **CHAPTER-8**

### **LOOKING AHEAD**

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- The University has initiated to strengthen the SPU-Alumni cell & to make necessary amendments in the constitution to connect with various alumni association of SPU students around the globe.
- The University has envisaged to develop academic collaborations with University/Institutions for exchange of Ph.D. students as well as to encourage collaboration research projects.
- The University has initiated renovation of infrastructure facilities utilizing RUSA grant which includes creation of gymnasium facilities for University hostels & staff colony.
- The University has initiated efforts towards building of an Auditorium with a capacity of 1000 seats.
- The University with its commitment towards energy conservations is considering the installations of solar roof tops on the terrace of all departments.
- To create smart class rooms in each department to provide better facilities for teaching learning process.
- The University is planning for on-line admission process for all its academic programmes.

## EPILOGUE

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Dr G. Satheesh Reddy Speech  
as Chief Guest  
For  
59<sup>th</sup> Annual Convocation Ceremony  
at  
Sardar Patel University  
Thursday, 15<sup>th</sup> December 2016

Honourable Chancellor of this University and Governorshri of Gujarat, Shri O P Kohliji, Vice Chancellor of Sardar Patel University, Prof Shirish R Kulkarni, Registrar, Faculty and Staff, Academicians, esteemed invitees and student friends... my greetings to you all.

It is my pleasure to address you at the *59<sup>th</sup> Annual Convocation* of Sardar Patel University. My heartiest congratulations to the graduating students and their proud teachers and parents.

I deem it a privilege to speak to you at the University named after the ***Loh Purush*** Sardar Vallabhbhai Patel, one of the great sons of our motherland. I am also humbled by the fact that many distinguished luminaries and nation builders spoke at the previous convocations of this University, and consider myself fortunate to speak in the hallowed precincts of this seat of learning.

The success of any educational institution lies in the success of its students. I am sure that Sardar Patel University is one that takes great interest and pride in the achievements of its students.

The hard work and dedication of the students, the efforts of the teachers and staff and the guidance of the management all result in bringing glory to the University. On this day, I heartily commend all the graduating students, especially those who have won medals and awards. I also congratulate the proud parents of the graduating students.

I am extremely delighted to learn that Sardar Patel University (SPU) has emerged as an important center for excellence in higher education, not only in Gujarat, but also in the country, with an international reputation. It is also heartening to note that SPU has been recognized by the University Grants Commission (UGC) as a 'potential centre of excellence' to carry out interdisciplinary research in applied polymers. Advances and achievements in material sciences will dictate the progress of technology in the 21st century. Studies on applied polymers will surely add immense value to the ongoing research on materials in the country.

With twenty six departments carrying out research in basic sciences, social sciences, humanities and pharmacy, the University offers instruction in faculty disciplines that include Arts, Science,

Business Studies, Management, Education, Home Science, Law, Medicine, Engineering, Technology, Pharmacy, Homeopathy, Fine Arts and Physical Education. I am sure that Sardar Patel University will leave its mark in research on emerging and futuristic technologies.

Dear graduating student friends,

As you step out with the knowledge gained from the teachers at this University, I am sure you will give your best in fulfilling the University's mission of "regeneration of rural Indian life with the application of the study and research in all the disciplines of knowledge in tune with the modern global developments".

As confident men and women who have the most important role to play as future citizens and ambassadors of the rich tradition of our great country, I am sure that you will put the knowledge imparted by your teachers to good use and bring laurels to yourself and your *alma mater*. Apply the knowledge gained at the University to reap benefits for your city, state and nation. I join your teachers and your families in wishing you the very best in the future.

A nation's strength lies in the strength of its academic, economic, scientific and technological sectors. All of us need to put in our best efforts to make our nation strong and self-reliant.

The Science and Technology landscape has seen great changes with rapid developments in electronics, computer science and information technology. Never in the past has mankind been empowered in such a powerful manner.

Technologies involving robotics and artificial intelligence, stem cell research, renewable energy generation and storage, augmented reality, space travel, space tourism and space mining, nanotechnology, anti-matter, to name a few, are beginning to play a greater role in our lives.

Speaking of Defence technology, the nation is focusing hard on the development of advanced systems for our armed forces. We have put in appreciable efforts in the field of basic and applied research for indigenization of technologies. The outstanding achievements of our nation in missile and space technologies reflect our inherent S&T strengths. The success of Geo-Synchronous Launch Vehicles, Agni Series of Missiles, nuclear submarine INS Arihant, fighter aircrafts and the Chandrayaan and Mangalyaan missions have propelled us into an elite club of nations possessing 'niche' technologies.

Since 1958 Defence R&D has grown to be capable of delivering strategic missile systems, Electronic Warfare, Electronics, Naval and complex platforms such as the Light Combat Aircraft. India is today one of only 5 nations with ICBM capability, one of the 4 countries in the world to have a multi-level strategic deterrence capability, one of only 5 countries of the world to have its own BMD program and underwater missile launch capability, one of only 7 countries to have developed its own Main Battle Tank & an indigenous 4th generation Combat aircraft, one of 6 countries of the world to have developed a nuclear powered submarine, one of select few countries of the world to have its own Electronic warfare & multi Range radar program.

Defence R&D led to the development of Bullet proof jackets, breathing systems, farming in high altitude areas, Dengue, Chikungunya, multi insect repellent, food poison detection kit which have been put to use. In the field of Nuclear Biological and Chemical technologies, a large number of DRDO systems including Reconnaissance vehicles, dosimeters are in use. Bio-digester for human waste management primarily developed glaciers has found its potential in the civilian sectors and has become a significant part of Swachh Bharat movement.

The Government of India has embarked on a very important programme 'Make in India', which encourages design, development and production of state-of-the-art systems within India, thereby encouraging in-house capability, and reducing dependence on external sources. This programme would also boost the country's exports and thereby help the economy grow. *Make in India* programme requires R&D institutes, academia and industry to work hand-in-hand and provide quality products and services.

Academic institutes such as the Sardar Patel University have a significant role to play in the Make in India programme. The academic institutes must become the hubs for fostering innovation and entrepreneurship. Collaboration and teamwork is very important for innovation and creativity. Universities need to create dedicated laboratory spaces in collaboration with research institutes to enable students get valuable experience before they leave the University. Joint programmes must be formulated with other academic institutions and research organizations to propel research in niche areas. In this regard, I am happy to learn that SPU has joint academic programs with a number of international academic institutions. I commend the management for this initiative.

Students and teachers must be encouraged to work for a minimum specified time in research institutes in both the Government and Private sector, to get a hands-on experience with the state-of-art equipment and facilities. Focus must be laid on setting up incubation, innovation and research centres within the campus. Proper mentoring by experts as and when needed must be provided.

Students can be groomed to take up interesting, innovative projects under the *Startup India* programme. Providing required facilities and guidance will surely help them achieve breakthrough solutions. I am sure that SPU will contribute its best to this programme.

Focus is to be made on futuristic technologies to become a future world leader. From nurturing and working on denied technologies, we need to leapfrog in capability and lead in relevant areas. Establishing focused research centres in the specific technologies at R&D centres and academic institutes with state of the art infrastructure is the first step in that direction. Innovations at Small and Medium Scale industries should be encouraged and supported. The country needs to have innovative manufacturing institutes with public and private partnership. Also, these technologies must be devised for ultimate exports to earn valuable foreign exchange for the country. Bio-sensors, Photonics, NEMS, MEMS, high energy materials, futuristic power supplies, stealth technologies, advanced materials, high power computing are few such identified priority areas.

To encourage and support research in advanced materials, the Government is formulating a National Material Policy. This policy provides a blueprint on harnessing the strengths of the

knowledge capital of the nation in relevant areas of material science and putting them to best use for making a strong and technologically superior India of the 21st century.

There exists an immediate need to synergize the capabilities of all stakeholders to foster innovation that would result in the overall development of the nation. R&D institutes should focus more on basic and translational research and the public sector units need to be roped in for development and subsequent production, playing a vital role as lead integrators. The private sector also needs to invest in R&D in specified areas and produce the sub-systems and systems. This will enable such industries to transform their capabilities to the level of lead integrators.

Today, the private sector already started playing a major role. In last 10 years, the private industries have graduated from mere component producers to a challenging role of developing the state-of-the-art sub systems and systems. For instance, more than 70% of the supplies for Akash missile system are coming from a conglomerate of private industries. Hence, it is evident that the private industry is going through transformation to handle greater challenges.

The new policies of the Government of India are enabling many overseas enterprises to start operations and set up manufacturing units in India with large investments. This is a major driver for development and potential creator of employment. The response to 'Make in India' call is overwhelming.

Teachers inspire the students to reach higher goals and guide them to lead better lives. Dr APJ Abdul Kalam, Bharat Ratna and Former President of our nation attributed his success to his teachers and remembered them with humble gratitude in his book 'Wings of Fire'. During his visits to educational institutions, he would administer the 11-point oath for all teachers, stressing on the importance of good teachers and teaching practices. My best wishes to the teachers of Sardar Patel University, and wish them all success in shaping the nation's future.

My best wishes to all present here today at the 59th Convocation of this prestigious University. May the University achieve greater success in the years to come.

**Jai Hind!!**