



SARDAR PATEL UNIVERSITY

**VALLABH VIDYANAGAR – 388 120
GUJARAT**



THE RE-ACCREDITATION REPORT

4. EVALUATIVE REPORTS OF THE DEPARTMENTS

MAY 2016

**EVALUATIVE
REPORTS OF THE
DEPARTMENTS**

PART-B

EVALUATIVE REPORTS OF THE DEPARTMENTS

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1. DEPARTMENT OF BIOSCIENCES

- Name of the Department: **Biosciences**
- Year of the Establishment: **1958**
- Is the Department part of a School/Faculty of the university?
Yes. Faculty of Science.
- Names of programmes offered: **MSc in Botany, Biochemistry, Biotechnology, Industrial Biotechnology, Microbiology, Zoology; PhD in Botany, Biochemistry, Biotechnology, Microbiology, and Zoology.**
- Interdisciplinary programmes and departments involved **MSc Bioinformatics (Department of Computer Science, Department of Biosciences, Department of Mathematics, Department of Statistics, CISST); MSc Industrial Biotechnology (Department of Biosciences, Faculty for Chemical Engineering based courses is invited as visiting faculty from GCET Engineering College, Vallabh Vidyanagar).**
- Courses in collaboration with other universities, industries, foreign institutions, etc: **Nil**
- Details of programmes discontinued, if any, with reasons. **Nil**
- Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
- Participation of the department in the courses offered by other departments:
MSc Bioinformatics and MSc in Biomedical Science and Technology currently being offered at CISST.
- Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	03	01	08
Associate Professor	08	05	05
Assistant Professor	09	08	01
Others	-	-	-



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Prof AVRLN Acharya	PhD	Professor and Head	Physiology	29	03
Prof Datta Madamwar	PhD	Professor	Bioremediation, Non-aqueous biocatalysis, Genomics, Cyano-bacterial biotechnology	37	11
Prof Kiran Kalia	PhD	Professor	Proteomic and Genomic bio-markers for diabetes and cancer	29	04
Prof K C Patel	PhD	Professor	Microbial enzymes, Bioremediation and Biopolymers	27	02
Prof TV Ramana Rao	PhD	Professor	Pre and Post-harvest biology and technology of fruits and vegetables	30	02
Prof JSS Mohan	PhD	Professor	Plant Biotechnology	30	05
Prof RB Subramanian	PhD	Professor	Molecular Biology	29	08
Prof VR Thakkar	PhD	Professor	Plant Biochemistry	18	07
Dr AS Reddy	PhD	Associate Professor	Plant Taxonomy, Biodiversity	25	02
Dr UB Trivedi	PhD	Associate Professor	Enzymes and Fermentation Technology	25	06
Dr Amita Shah	PhD	Associate Professor	Microbial enzyme technology	26	06
Dr H R Keharia	PhD	Associate Professor	Bioremediation, Microbial Ecology and Microbial enzymes	20	04
Dr Sujata Bhatt	PhD	Associate Professor	Aquaculture and Nutrition	20	03
Dr M Nataraj	PhD	Assistant Professor	Plant Tissue Culture	10	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: **Nil**



13. Percentage of classes taken by temporary faculty-programme-wise information:

MSc Botany	: 6.25%
MSc Zoology	: 6.25%
MSc Microbiology	: 6.25%
MSc Biotechnology	: 6.25%
MSc Industrial Biotechnology	: 18.75%
MSc Biochemistry	: 6.25%

14. Programme-wise Student Teacher Ratio (**256 students /14 Teachers**) = **18:1**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	12	07	06+01 (contractual)
Administration	08	06	06+04 (contractual)

16. Research thrust areas as recognized by major funding agencies: **Bio-resource Technology, Environmental Biotechnology.**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Faculty members with ongoing projects from

(a) National funding agencies: 05

(b) International funding agencies: NIL

(c) Total grants received: ₹3,90,60,968

Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant sanctioned with Letter No. & Date
Prof Datta Madamwar	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	₹13,80,000 42-167/2013(SR) 22nd Mar, 2013 Duration : 3 Years



Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant sanctioned with Letter No. & Date
Prof Datta Madamwar Coordinator / Dr RB Subramanian & Dr Hareshkumar Keharia	Molecular and 'omics' technologies to gauge microbial communities and bioremediation of xenobiotic contaminated sites.	DBT New Delhi	₹3,36,57,000 No. BT/1/CEIB/09/V/05 3 rd Sep, 2011 Duration: 6 Years
Prof Datta Madamwar	Folding and stability of naturally truncated photosynthetic pigment C-phycoerythrin from cyanobacteria <i>Phormidium tenue</i>	DST New Delhi	₹3,60,000 SR/SO/BB-0124/2010/B 13 th Aug 2012 Duration: 3 Years
Dr RB Subramanian	Phenotyping and molecular screening of Tomato germplasm for resistance to Tomato Yellow Leaf Curl Virus from agroclimatic regions of Gujarat	GSBTM	₹7,43,968 Duration: 3 Years
Dr Mrs Amita R Shah Co-investigator: 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	₹23,70,000 Sanctioned letter No BT/PR7333/PBD/26/373/2012 26/05/2014 Duration: 3 Years
Prof RB Subramanian	An Investigation on the effect of Xcelora 50% FS and Standak Top 500 g/L FS in combination with Opera 18.3% SE on physiology and growth of maize (<i>Zea Mays L.</i>)	BASF	₹2,75,000 G/1-BASF/JSS/3601 Duration: 1 Year



Name of the Principal Investigator/Co-investigator	Title	Funding Agency	Amount of Research Grant sanctioned with Letter No. & Date
Prof JSS Mohan	Evaluating the BASF fungicide package of practices: Seed treatment and foliar spray in groundnut for physiological effects and yield	BASF	₹2,75,000 Duration : 1 year

18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration:

Name of the Principal Investigator/ Co-investigator	Title of project	Funding Agency	Total amount of Research Grant received (₹)	Duration
Dr TV Ramana Rao Dr Anil Nandane of ADIT, New Vallabh Vidyanagar	Development and optimization of edible coating formulations to improve the postharvest quality and shelf-life of underutilized short lived fresh fruits by using RSM (In collaboration with Dr Anil Nandane, Dept. of Food Processing Technology, ADIT, New Vallabh Vidyanagar, Gujarat).	MOFPI - SERB, DST, New Delhi	17,12,800	2012-15
Prof Datta Madamwar in Collaboration with Dr Hemant Purohit NEERI, Nagpur.	Metagenome analysis for metabolic pathways present in activated biomass at common effluent treatment plant (CETP)	DBT, New Delhi	64,08,000	Jan 2010 to May 2013
Prof Datta Madamwar in Collaboration with Dr Venkata Mohan ICT, Hyderabad.	Application of periodic discontinuous batch operation to enhance treatment efficiency of dye containing waste-water	DBT New Delhi	49,96,546	Oct 2010 to Sep 2013



Name of the Principal Investigator/ Co-investigator	Title of project	Funding Agency	Total amount of Research Grant received (₹)	Duration
Prof Datta Madamwar in Collaboration with Dr Yogesh Shouche NCCS, Pune.	Molecular assessment of bacterial community structure of long term polluted sea coast near Alang ship breaking yard and exploitation of the bacterial wealth for PAH bioremediation	DST New Delhi	26,20,435	Sep 2010 to Aug 2013
Prof Datta Madamwar in Collaboration with Dr Imtiyaz Hasan JMI, New Delhi.	Folding and stability of naturally truncated photosynthetic pigment, C-phycoerythrin from cyanobacteria <i>Phormidium tenue</i>	DST New Delhi	2,83,871	Aug 2012 to Jul 2016

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Sr. No.	Type of recognition	Funding agency	Amount of funds sanctioned with letter no. and date	Duration
1	UGC-SAP	UGC, New Delhi	47.5 Lakhs F4-8/2007/SAPII Dated 28/03/2007	2007-12
2	DST-FIST	DST, New Delhi	71.0 Lakhs 01/12/2009	2009-14
3	UGC-CAS	UGC, New Delhi	2.47 Crores F.3-11/2015/CAS-I/(CAS-II)	2015-20

20. Research facility/centre with State, National and International Recognition Centre of Excellence in 'Environmental Biotechnology' under CEIB scheme of DBT, New Delhi.
21. Special research laboratories sponsored by/created by industry or corporate bodies: NA



22. Publications:

- a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Papers Published	National	International
2010-11	40	11	29
2011-12	42	03	39
2012-13	41	01	40
2013-14	34	01	33
2014-15	76	01	75
Total	233	17	216

- b) Monographs: **Nil**
 c) Chapters in Books: **05**
 d) Edited Books: **Nil**
 e) Books with ISBN with details publishers: **Nil**
 f) Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): **257**
 g) Citation Index – range/average: **27-681**
 h) SNIP: **Nil**
 i) SJR: **Nil**
 j) Impact Factor-range/average Range: **0-6.279**
 Average Impact Factor: **1.236**
 k) h-index **3-33**; Average: **10**

23. Details of patents and income generated

Sr. No.	Name of Faculty member/s who have filed/or have been granted a patent	Title of patent	National/ International	Status Filed/ granted	File No./ patent grant no and date
1	Dr RB Subramanian	PROCESS FOR PURIFYING L-ASPARAGINASE FROM <i>ASPARAGUS OFFICINALE</i>	National	Filed	592/DEL/2009
2	Dr KC Patel	Process for the production of a yellow antioxidant pigment from the fungus <i>Colletotrichum</i>	National	Filed	3267/DEL/2014



Sr. No.	Name of Faculty member/s who have filed/or have been granted a patent	Title of patent	National/ International	Status Filed/ granted	File No./ patent grant no and date
3	Shah Amita R along with (Narra Madhuri, Dixit Garima, Balasubramaniam Velmurugan from SPRERI, Vallabh Vidyanagar)	Enzymatic hydrolysis of biomass	National	Filed on 20 Feb 2015	573/MU M/2015

24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad.

Sr. No.	Name of faculty member and designation	Type of leave availed	Purpose of leave and institution visited	Duration of leave
1.	Dr Haresh R Keharia	Sabbatical	Biophysics department, Indian Institute of Science, Bangalore	Six months (13 th Feb, 2013- 15 th Aug, 2013)

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

(A) Faculty serving as members of steering committees of international conferences recognized by reputed organizations / societies

Sr. No.	Name of Faculty member	Position in Steering Committee	Name of Conference	Name of organization/Society organizing the conference	Year
1	Prof Datta Madamwar	Advisory Committee Member	International Conference on Industrial Biotechnology at Patiala, India	Biotech Research Society of India (BRSI)	2012



Sr. No.	Name of Faculty member	Position in Steering Committee	Name of Conference	Name of organization/Society organizing the conference	Year
2	Prof Datta Madamwar	Advisory Committee Member	International Conference on 'Advances in Biotechnology & Bioinformatics at Pune, India	BRSI	2013
3	Prof Datta Madamwar	Advisory Committee Member	International Conference on Emerging Trends in Biotechnology (ICETB-2014) at Delhi, India	BRSI	2014
4	Prof Datta Madamwar	Advisory Committee Member	Third Global Sustainable Biotech Congress at Jalgaon, India	Global Biotech forum	2014
5	Prof Datta Madamwar	Advisory Committee Member	International Conference on New Horizons in Biotechnology at Trivandrum, Kerala, india	BRSI	2015
6	Prof Datta Madamwar	Advisory Committee Member	International Conference on Recent Trends in Applied Sciences: Building the Institutional and Industrial Avenues (ICRTAS-2015)	Charotar Education Society, Anand	2015

Editorial Boards

Sr. No.	Name of the faculty	Name of Journal	National/International	Whether Chief Editor (Y/N)	Publisher
1	Prof Datta Madamwar	Bioresource Technology	International	Editorial Board Member	Elsevier



Sr. No.	Name of the faculty	Name of Journal	National/ International	Whether Chief Editor (Y/N)	Publisher
2	Prof Datta Madamwar	Current Biotechnology	International	Editorial Board Member	Bentham
3	Prof Datta Madamwar	Special Issue BIOCATALYSIS of Bioresource Technology	International	Guest Editor	Elsevier
4	Prof Vasudev R Thakkar	African Journal of Biochemistry	International	Editorial Board Member	Academic Journals

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects:

Year	Number of students who opted for dissertation	% of students who opted for dissertation
2010-11	64	50
2011-12	72	57
2012-13	51	53
2013-14	52	55
2014-15	51	52

- percentage of students doing projects in collaboration with other universities/industry/institute: Nil

29. Awards/recognitions received at the national and international level by Faculty:

(a) Award

Sr. No.	Name of Faculty member	Title of Award	Year of Award	Purpose of Award	Name of Awarding body	National/ International
1	Prof Datta Madamwar	Best Scientist	2012	Research	Association of Biotechnology and Pharmacy	International
2	Kiran Kalia	8 th International "Sardar Patel Award"	2013	Women empowerment	Sardar Vallabhbhai Patel Foundation	National



Sr. No.	Name of Faculty member	Title of Award	Year of Award	Purpose of Award	Name of Awarding body	National/ International
3	TV Ramana Rao	CK Shah award	2007 & 2013	Research promotion	Sardar Patel University	National

(b) Recognition Received

Sr. No.	Name of Faculty member	Title/Type of recognition conferred	Year in which recognition was conferred	Recognition conferring body	National /International
1	Prof Datta Madamwar	Fellow	2012	Association of Biotechnology and Pharmacy (FABAP)	National
2	Prof Datta Madamwar	Fellow	1998	Gujarat Science Academy	National
3	Prof Datta Madamwar	Fellow	2004	Biotech Research Society of India (BRSI)	National
4	Prof Datta Madamwar	Fellow	2010	Association of Microbiologists of India	National

(c) Doctoral / post doctoral fellows:

Sr. No.	Name of Student	Title of Award	Year of Award	Name of Awarding body
1	Miss Vrutika Patel	Best poster presentation	2015	National Conference on “Latest Development in Basic and Applied Sciences”
2	Ms Jenny Johnson	Best oral presentation	2015	International conference on Recent trends in Applied sciences: Building institutional and industrial avenues
3	Miss Vrutika Patel	Best oral presentation	2015	International conference on Recent trends in Applied sciences: Building institutional and industrial avenues
4	Mr Ravi Sonani	Best poster presentation	2014	International Congress – Third Sustainable Global Biotech Congress (GSBC, 2014)
5	Miss Vrutika Patel	Best poster presentation	2014	National symposium on ‘Microbial Biotechnology: Advances and Future trends’



Sr. No.	Name of Student	Title of Award	Year of Award	Name of Awarding body
6	Dr Rajesh Rastogi	Best poster presentation	2014	National symposium on ‘Microbial Biotechnology: Advances and Future trends’
7	Miss Vrutika Patel	Best poster presentation	2014	National symposium on “Microbial biotechnology: Advances and future trends-2014”
8	Miss Vrutika Patel	Best poster presentation	2014	International Conference on “Biotechnology and Bioengineering” (ICBB)

(d) Students: Nil

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Year	National/International	Name of Seminar/Conference/Workshop	Source of Funding	Amt. of Fund (in ₹)	Participant Details
2010-11	National	Trends in Biological Sciences	UGC	1,50,000	300

31. Code of ethics for research followed by the departments : **The department has a functional committee for the purpose of control and supervision of experiments on animals (Registration No. 337). This committee meets whenever any faculty member proposes to conduct animal experiments to approve them following the guidelines of CPCSEA. The animal house is maintained as well as the experimental material is done as per the guidelines laid down by CPCSEA.**

32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass Percentage
		Male	Female	
2010-11				
MSc Microbiology	187	08	35	
MSc Zoology	21	02	06	
MSc Biochemistry	71	04	20	
MSc Botany	10	03	06	
MSc Biotechnology	220	11	25	
MSc Industrial Biotechnology	12	01	05	
2011-12				
MSc Microbiology	160	06	28	
MSc Zoology	40	06	09	
MSc Biochemistry	55	11	16	



Name of the Programme	Applications received	Selected		Pass Percentage
MSc Botany	21	08	11	100%
MSc Biotechnology	173	08	16	
MSc Industrial Biotechnology	21	02	04	
2012-13				
MSc Microbiology	57	04	24	
MSc Zoology	34	05	10	
MSc Biochemistry	00	07	08	
MSc Botany	24	02	13	
MSc Biotechnology	55	08	07	
MSc Industrial Biotechnology	09	03	04	
2013-14				
MSc Microbiology	97	03	22	
MSc Zoology	38	09	09	
MSc Biochemistry	23	01	16	
MSc Botany	530	15	10	
MSc Biotechnology	42	10	10	
MSc Industrial Biotechnology	434	04	04	
2014-15				
MSc Microbiology	134	06	26	
MSc Zoology	50	06	13	
MSc Biochemistry	56	05	17	
MSc Botany	51	04	18	
MSc Biotechnology	26		07	
MSc Industrial Biotechnology		01	04	

33. Diversity of students

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students From universities outside the State	% of students from other countries
MSc (Biochemistry, Biotechnology, Botany, Microbiology, Zoology)	70	10	20	-
MSc (Industrial Biotechnology)	NIL	04	96	-



34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Sr. No.	Name of Examination	Year				
		2010-11	2011-12	2012-13	2013-14	2014-15
1	NET	03	03	03	02	-
2	GPSC	-	-	-	02	-
3	GATE	-	01	10	-	01
4	SLET	-	-	02	02	-

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	-
PG to PhD	5

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	50
from other universities within the State	21
from universities from other States	29
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period: Nil

38. Present details of departmental infrastructural facilities with regard to

- a) Library

The departmental library has 2,500 books and 10 Journals are subscribed every year. The library uses Soul 2.0 software and maintains the records of all the books and issues of journals. Moreover, the software is also used to check the availability of a specific book for the purpose of issue.

Year	Number of Books/Journals	Amount (in ₹)
2010-11	188/0	5,79,077
2011-12	150/7	5,66,758
2012-13	17/0	4,00,000
2013-14	01/0	7,453
2014-15	66	1,66,917

- b) Internet facilities for staff and students: All faculty members, research scholars are given access to Internet through LAN as well as Wi-Fi MSc



Students who opt for Dissertation are given access to Internet during the duration of Dissertation work.

- c) Total number of class rooms: **07**
 - d) Class rooms with ICT facility: **07**
 - e) Students' laboratories: **There are separate laboratories for students of each stream and the laboratories are equipped with basic infrastructure and equipments needed for performing experiments as per their curriculum.**
 - f) Research laboratories: **Faculty members are provided research laboratories, which are maintained by faculty members utilizing funds from their research projects. The department supports by providing small equipments and routine consumables to all research scholars. In general research laboratories in the department have sufficient infrastructure to justify the needs of Ph. D. students. In addition department has a central instruments facility equipped with sophisticated analytical instruments as well as microscopy facility, which are extensively used by Ph. D. students during office hours.**
39. List of doctoral, post-doctoral students and Research Associates:
- a) from the host institution/university
 - Doctoral students**
 - 2010-11**
 - 1. Mr Sandeep G Chovatiya, Supervisor: Dr Sujata Bhatt**
 - 2011-12**
 - 2. Mr Durgesh Nandini, Supervisor: Dr JSS Mohan**
 - 3. Ms Yachana Jha, Supervisor: Prof R B Subramanian**
 - 4. Ms Khyati Pathak, Supervisor: Dr Haresh Keharia**
 - 5. Ms B Kavita, Supervisor: Dr Haresh Keharia**
 - 6. Ms Digantkumar G. Chapla, Supervisor: Mrs Amita R Shah**
 - 7. Mr Hitesh Patel, Supervisor: Prof Kiran Kalia**
 - 8. Mr Hardik Bhatt, Supervisor: Dr U B Trivedi**
 - 9. Mr Varun Shah, Supervisor: Prof Datta Madamwar**
 - 10. Ms Asha Parmar, Supervisor: Prof Datta Madamwar**
 - 11. Pramod Sivan, Supervisor: Dr KS Rao**
 - 2012-13**
 - 12. Dhiraj V Chavada, Supervisor: Dr Sujata Bhatt**
 - 13. Ms Rupal A Vasant, Supervisor : Dr AVRL Narasimh Acharya**
 - 14. Purvesh B Bharvad, Supervisor : Prof JSS Mohan**
 - 15. Ms Anjali K Sharma, Supervisor : Dr AS Reddy**
 - 16. Sandip Patel, Supervisor : Dr AS Reddy**
 - 17. Sandesh Mohan, Supervisor : Prof Kiran Kalia**
 - 18. Harsurbhai M Jajda, Supervisor : Dr VR Thakkar**
 - 19. Niraj Kumar Singh, Supervisor : Prof Datta Madamwar**
 - 2013-14**
 - 20. Ms Pinaki B. Patel, Supervisor : Dr VR Thakkar**



21. Mr Amit N. Thakkar, Supervisor : Dr VR Thakkar
22. Shivani Patel, Supervisor : Dr VR Thakkar
23. Ms Tripti Raghavendra, Supervisor : Prof Datta Madamwar
24. Ms Vilas Patel, Supervisor : Prof Datta Madamwar
25. Mr Bhaumik Dave, Supervisor : Dr RB Subramanian
26. Mrs Sunitha Mary, Supervisor : Dr RB Subramanian
27. Shivani Patel, Supervisor : Dr RB Subramanian
28. Mr Umang Bharucha, Supervisor : Dr UB Trivedi
29. Anjali Bose, Supervisor : Dr Haresh Keharia
30. Vinay Patel, Supervisor : Dr KS Rao
31. Neeta B Gol, Supervisor : Dr TV Raman Rao
32. Madhuri Narra, Supervisor : Dr Amita Shah
33. Rita Mahapatra, Supervisor : Dr JSS Mohan
34. Dhananjay Patel, Supervisor : Dr JSS Mohan
35. Vaghela Jigisha, Supervisor : Dr AS Reddy
36. Prajapati Sujit R, Supervisor : Dr AS Reddy

2014-15

37. Mafatlal Kher, Supervisor : Dr M Nataraj
38. Ali Ahmed Ben Ahmed, Supervisor : Dr JSS Mohan
39. Naynika Patel, Supervisor : Dr JSS Mohan
40. Sarasvati M Sukhanandi, Supervisor : Dr Sujata Subhash Bhatt
41. Vimal Prajapati, Supervisor : Prof KC Patel
42. Ankit P Sudhir, Supervisor : Dr RB Subramanian
43. Sanjay S Karn, Supervisor : Dr AVRL Narasimhacharya
44. Shayam D Khandedia
45. Ms Sananda Chattaraj, Supervisor : Prof Datta Madamwar

b) from other institutions/universities

1. Dr Chetan C Oturkar, UGC Dr DS Kothari Fellowship, Title of the topic: Molecular cloning, over expression and activity study of azoreductase from alkaliphilic bacterial strain. Year of Joining: 2011. Year of Completion: 2013. Stipend: ₹36,000. Supervisor: Prof Datta Madamwar
2. Dr Dhaval Vyas, UGC Dr DS Kothari Fellowship, Title of the topic: Plant systematic. Year of Joining: 2012. Year of Completion: 2014. Stipend: ₹35,000/-. Supervisor: Dr AS Reddy.
3. Dr Rajesh Rastogi, UGC Dr DS Kothari Fellowship, Title of the topic: Cyan bacterial Biotechnology. Year of Joining: 2014. Year of Completion: NA. Stipend: ₹46,000, Supervisor: Prof Datta Madamwar.

Please do refer Volume-II and URL :

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>



40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	04	08	12
2011-12	04	02	10
2012-13	06	05	25
2013-14	07	10	12
2014-15	06	29	21
Total	27	54	80

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	Ms Pushpababen Laxanbhai Damor	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Ms Johnna Farancis Varghese		
3	2012-13	Ms Anita Kumari Ramanbhai		
4	2013-14	Mr Krupal Kanubhai Patel		
5	2014-15	Miss KhyatiBipinkumar Bhatt		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **Not Applicable**
42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how
- a) does the department utilize the feedback? Yes , It is discussed in staffing at the end of Semester start of next term and corrective measure are implemented.
- Orally at the end of Semester**
- b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
- Student feedback through standard proforma prepared by university is taken regularly. Based on the feedback the corrective measures are taken by the faculty to improve the quality education. This feedback is analysed and solutions are sought through meetings held with the student council as well as with the other faculty members**
- c) alumni and employers on the programmes offered and how does the department utilize the feedback? **No**
43. List the distinguished alumni of the department (maximum 10)
- **Prof Appa Rao Podile, Vice Chancellor, University of Hyderabad.**
 - **Dr J R Bhatt, Director, MoEF, Government of India.**
 - **Dr Mohandas Nair, Retired Director, TBGRI, Trivandrum.**



- **Dr Anami Patel, Director at Le Bonheur Children's Medical Center, Memphis, Tennessee.**
 - **Dr Hemant Vaidya, Vice President, Molecular and Microbiology Research and Development for Siemens Healthcare Diagnostics located in Sacramento, California.**
 - **Dr Taslimarif Saiyed, Director and COO, Centre for Cellular and Molecular Platforms, NCBS-TIFR, Bangalore.**
 - **Shri Mohammad Ibrahim, Chief Conservator of Forest, Andhra Pradesh, Govt of India.**
 - **Dr Nehal Thakor, ‘Campus Alberta Innovation Programme’ Chair of Synthetic Biology and RNA based systems, University of Lethbridge, Canada.**
 - **Dr Aparna Kasinath, Head, Syngene International Limited, Bangalore.**
44. Give details of student enrichment programmes (special lectures/workshops/ seminar) involving external experts.

Sr. No.	Name of Guest Faculty	Dates of visit	Title of lecture/s delivered
1	Dr Absar Ahmad, Principal Scientist, National Chemical Laboratory	07/10/2011	Biotechnology of endophytic fungi: Inorganic nanomaterials and drug
2	Dr Harish Kumar M, Department Of Physiology, Miyazaki Medical College, Japan	01/12/2011 02/12/2011	Spirulina, phycocyanin and biotherapies Artificial skin and wound healing
3	Dr Nehal Thakor, Post-Doctoral Fellow, Department Of Medical Microbiology And Immunology, University Of Alberta, Canada	13/12/2011	Translation control in eukaryotes. IRES mediated translation can operate in stress condition
4	Dr TR Sharma, Principal Scientist (Biotechnology), National Research Centre for Plant Biotechnology, IARI, New Delhi	7/1/2012	Rice Genomics
5	Prof Kavi Kishore, University of Hyderabad, Hyderabad.	20/1/2012	Engineering of lignin biosynthesis in woody plants
6	Prof Dagainawala, Nagpur	25/1/2012	Epigenetics
7	Dr Hemant Purohit, Scientist, NEERI, Nagpur	25/1/2012	Salt stress in bacteria
8	Dr Yogesh Souche, Scientist, NCCS, Pune	23/2/2012	Who does what in Lonar lake?
9	Prof Y S Yadav, Shivaji University, Maharastra	28/2/2012	Biodiversity conservation in Western Ghats
10	Dr Prashant Chauhan, Millipore	2012	Flow cytometer and ELISA multiplexing bead array system



Sr. No.	Name of Guest Faculty	Dates of visit	Title of lecture/s delivered
11	Dr Amit Thakar, Senior Scientist, Department Of Neuroscience, University Of Wyoming, USA	03/07/2013	Osmoregulation induced changes in chromatin structure and dynamics
12	Dr Darshan Pathak, Yale University, USA	06/08/2013	Self, non-self-recognition and social interaction in myxobacterial biofilms
13	Prof Deepti Deobagkar, Director, Bioinformatics Center, University Of Pune, Pune	16/08/2013	Epigenetics, stress and adaptation
14	Prof Ashok Pandey NIIST, Trivendrum	21/08/2013	Non-conventional solid wastes as potential feedstocks for the production of bioethanol
15	Dr Prashant Bhatt Sun Agritech, Baroda	1/10/ 2013	Entrepreneurship in Biological Sciences
16	Dr Yogesh Scouche, Scientist G, National Center For Cell Science, Pune.	22/10/2013	Metagenomics
17	Dr Harish C. Joshi, Drug Discovery And Therapeutics-Winship Cancer Center, Faculty Of Cell Biology, Emory University, Atlanta, USA	13/12/2013	Discovery of noscapine as tubulin binding anti-cancer drug
18	Dr Gururaja Rao, Principal Scientist And Head, Central Soil Salinity Research Institute, Bharuch	23/12/2013	Agricultural salinity management : technological interventions
19	Prof B N Johri, Emeritus Professor, Dept. Of Biotechnology, And Bioinformatics, Barkatullha University, Bhopal	11/01/2014	Biofuels
20	Prof Ramesh M Ray, The University Of Tennessee, USA	8/02/ 2014	Amino acids regulate growth via antizyme
21	Prof K N Joshipura, Advisor, C. C. Patel Community Science Centre, SPU	28/02/2014	National Science Day- Contributions of Indian Nobel Laureates in Science
22	Prof Rup Lal, Department Of Zoology, University Of Delhi	11/10/2014	Metagenomics
23	Prof DN Rao, Dept. Of Biochem. AIIMS, New Delhi	27/03/2015	Immunodiagnosis
24	Prof Appa Rao Podile, University Of Hyderabad	17/07/2015	Non-host resistance in plants Plants and microbes: receptors and ligands



Sr. No.	Name of Guest Faculty	Dates of visit	Title of lecture/s delivered
25	Prof T P Singh, AIIMS, New Delhi	17/09/2015	3-D structure of proteins
26	Prof Hari Misra, BARC, Mumbai	19/09/2015	Are proteins working in isolation?

45. List the teaching methods adopted by the faculty for different programmes.

Teaching methods are contemporary and student friendly. Lectures are designed using power point presentations. Adequate computer facility and Wi-Fi network are made available. Important notices are circulated through e-mails and social networking. Some unique methods developed by faculty members considering to the need of specific subject are highlighted below:

MSc Botany Programme

- Plant taxonomy is a practicing subject and it is often said that much is to be studied in the field rather than in closed classrooms and laboratories. Keeping this in mind, a new practice has been initiated to make the identification more interesting and effective. Students are asked in advance to bring plant specimens for regular practical classes from the field. Each student was supposed to bring a couple of specimens from the field (either from their village, University/Department campus, any wild habitat, farm lands, orchards etc.). This resulted in making students acquainted with field observations and recognizing local flora. Such specimens were studied group wise in the laboratory and each group demonstrates the identified distinguishing characters. Later each student is encouraged to practice individually for attaining perfection. The software has been developed for easy identification of local and regional flora. In the examination too an innovative practice is being followed. Students are provided with a set of few important characters. (Adequate care was taken to ensure that specimens matching with such characters are located in the nearby area.) They were asked to go to the field and supposed to collect a specimen with the matching characters in stipulated time and later they should proceed for further answering such as elaborated technical description, botanical identity to the family/species level etc. During this course of innovative practice, students felt more enthusiastic.

MSc Zoology Programme

- In MSc Zoology Fourth semester students visit Fish Breeding Center (Lingda, Anand dist.) to study Induced breeding technique and to study Fish Farm management. Every year during June-July these trips are arranged.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- The department organizes the orientation programme for newly admitted students on the first day before commencement of classes. Students admitted to all the programmes are asked to gather in



conference room and Head with all faculty members as well as non-teaching staff welcomes the students to the department. Students are introduced to all the teachers as well as non-teaching staff and given information about academic schedule, students' extra-curricular activities under auspices of SPUBS, examination system, seminars, infrastructure available in department, etc.

- Student learning outcomes are monitored by regular evaluation in form of quizzes, seminars, internal tests. Regularity of Students is monitored in all theory and practical sessions by faculty members and records are maintained in form of attendance sheets.
 - All the subject teachers provide academic/personal guidance as and when required. Semester wise lab in-charges also work as advisor/mentor for students.
47. Highlight the participation of students and faculty in extension activities.
- Department give opportunities for nurturing creativity and scientific temper through the activities of SPUBS (Sardar Patel University Biological Society) like Poster competition, Debate, Science day celebration, quizzes etc.
 - Research scholars work as volunteers in activities of University's community science centre.
 - Faculty members work as resource persons and or volunteers in activities of University's community science centre.
48. Give details of "beyond syllabus scholarly activities" of the department.
- MSc students regularly present research papers selected from reputed journals. This helps them to understand recent developments in that area of Science. Students are encouraged to take part in debates and quizzes organized by other institutions.
49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **No**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The department has been actively contributing towards generation of new knowledge which is evident from the publication as well as patent profile of the department. The most significant contributions are:

- Development of e-phytoresource database.
- Development of purification protocols for therapeutic enzyme L-Asparaginase and its modification for enhancing its efficiency.
- Development of a novel antioxidant pigment from the fungus *Collectrichum* spp.
- Saccharification of cellulosic biomass to be used as a substrate for bioethanol production.
- Development of chromatography based analytical protocols for detection and quantification of plant growth hormones and secondary metabolites.
- Development of technology for enhancing post-harvest shelf life of fruits and vegetables.



- Development of novel methods for non-aqueous catalysis based synthesis of commercially important esters.
- Development of protocols for environmental DNA isolation and information on microbial diversity of polluted site in Ankleshwar, Gujarat by metagenomics approach.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none">• Being an integrated department of Biosciences under one roof is one of the strengths of the department. This facilitates better interaction and exchange of knowledge and ideas between the faculty as well as students.• A strong aptitude for research among the faculty.• Recognition from National Funding Agencies, Such as UGC, DBT and DST.• Collaborations and linkages with many National level Institutes and Universities.• Communicating science and offering expert advice to stake holders in society (Schools, Academic Institutions, NGOs, Research Institutions, Forest Departments and Community Science Centres).
Weaknesses
<ul style="list-style-type: none">• Decreasing Faculty strength with number of faculty members retiring.• Average faculty age is above 50 yrs. The blending of young and experienced is missing.• Unavailability of laboratory assistants making it difficult to maintain MSc Laboratories and cater to students in a best possible manner.• Due to non availability of sufficient support and technical staff administration including purchase and maintenance at department level is partly shared by faculty members.
Opportunities
<ul style="list-style-type: none">• Development of novel technologies.• From the existing courses, synthesis of new inter-disciplinary courses at PG level.• Amalgamation of academic courses with industry.• Strengthening CBCS programme to its true essence giving maximum choices.• Interdisciplinary collaborations within University departments for teaching and research.
Challenges
<ul style="list-style-type: none">• To overcome the increasing burden of administrative duties and excel in both teaching and research is a challenge because the retiring administrative staff is not being replaced, due to non clearance from Government.• Maintenance of state of art infrastructure and keeping pace with contemporary developments in science globally with diminishing faculty and administrative support.



- **To be able to manage the existing MSc programmes in the coming years will be another challenge since the faculty strength will reduce rapidly in next four years.**
- **Training and motivating students for national level competitive examinations**
- **Organizing programmes like workshops, short term courses, and winter/summer schools. Vacation programmes on regular basis.**
- **Getting extramural research funds and executing research projects effectively.**

52. Future plans of the department.

- **Strengthening and enrichment of existing MSc Programmes.**
- **Creating a centre of excellent of research in the allied discipline of Biosciences.**



2. DEPARTMENT OF CHEMISTRY

1. Name of the Department: **Chemistry**
2. Year of the Establishment: **1958**
3. Is the Department part of a School/Faculty of the university?
Yes. Faculty of Science.
4. Names of programmes offered: **MSc with specializations in Inorganic Chemistry, Organic Chemistry, Analytical Chemistry, Physical Chemistry, Industrial Polymer Chemistry and PhD.**
5. Interdisciplinary programmes and departments involved: **Nil**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: **Nil**
7. Details of programmes discontinued, if any, with reasons: **Nil**
8. Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions**
9. Participation of the department in the courses offered by other departments: **Involved in academic programs of CISST.**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	05	-	06
Associate Professor	11	05	01
Assistant Professor	14	07	05
Others	-	-	-



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr DI Brahmhatt	MSc, PhD	Professor	Organic Chemistry	35	08
Dr NV Sastry	MSc, PhD	Professor	Physical/Polymer Chemistry	30	05
Dr DK Raval	MSc, PhD	Professor	Organic/Polymer Chemistry	27	11
Dr MN Patel	MSc, PhD	Professor	Inorganic Chemistry	27	07
Dr MP Patel	MSc, PhD	Professor	Organic/Analytical Chemistry	20	06
Dr NJ Parmar	MSc, PhD	Professor	Organic Chemistry	20	05
Dr HM Patel	MSc, PhD	Associate Professor	Organic Chemistry	19	-
Dr KH Patel	MSc, PhD	Assistant Professor	Physical Chemistry	32	04
Dr JH Trivedi	MSc, PhD	Assistant Professor	Polymer Chemistry	05	01
Dr SS Soni	MSc, PhD	Assistant Professor	Physical Chemistry	09	03
Dr KR Surati	MSc, PhD	Assistant Professor	Analytical Chemistry	08	-
Dr NP Chiklaliya	MSc, PhD	Assistant Professor	Polymer Chemistry	04	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Prof Raj Pal Sharma, Department of Chemistry, Punjab University, Chandigarh- 160 014.
- Prof Venugopalan, Department of Chemistry, Punjab University, Chandigarh- 160 014.
- Dr PH Parsania, Professor & Head, Department of Chemistry, Savrashtra University, Rajkot.
- Ravi Ranjan Panday, National Physical Laboratory, Dr KS Krishanan Road, New Delhi.
- Dr UH Pandya, Deputy Manager, Exel Group Care Ltd., Bhavnagar.
- Prof Dr R Shirsat, Department of Chemistry, University of Goa, Goa.
- Prof Dr SP Gejji, Department of Chemistry, University of Pune, Pune.
- Prof Dr A Venkatraman, Department of Chemistry, Gulbarga University, Gulbarga.
- Prof Dr S Ramshesha, Solid State Structural Unit, Indian Institute of Science, Bangalore.



- Prof Dr Sunita Kumbhat, Department of Chemistry, Jai Narayan Vyas University, Jodhpur.
- Dr Parimal Paul, CSIR-Central Salt & Marine Chemicals Research Institute, Bhavnagar.
- Dr Pradip Deota, Head, Department of Applied Chemistry, M S University, Vadodara.
- Prof Mangala Sunder Krishnan, Department of Chemistry, IIM, Chennai.
- Prof Sudhir N Limaye, Department of Chemistry, Dr Harisingh Gour University, Sagar (MP).
- Dr Rajendra Shirsat Goa University, Goa.
- Dr Narahari Sastry, CSIR – ICT Hyderabad.
- Dr Nisanth N Nair, IITK , Kanpur.
- Dr Sudhir Kulkarni, Vlfe Technologies, Pune.
- Dr RB Sunoj, IITB, Mumbai.
- Dr MS Gopinatha IISER, Thiruvananthapuram.
- Dr Dilip K Maity, BARC, Mumbai.
- Dr C H Suresh, CSIR – NIIST, Thiruvananthapuram.
- Dr Biswajit Ganguly, CSIR – CSMCRI. Bhavnagar.
- Prof Dr P Venkatesu, University of Delhi, New Delhi.
- Dr Gunjan Verma, Bhabha Atomic Research Centre Trombay, Mumbai.
- Dr Afshan Sayed, Sr. Application Specialist - Material characterization, Perkin Elmer India Pvt. Ltd.
- Dr Arvind Kumar, CSIR-Central Salt and Marine Chemicals Research Institute, Bhavnagar.
- Prof Dr Pragnesh N Dave, K S K V Kachchh University, Bhuj Gujarat.
- Prof Dr Alka Sharma, University of Rajasthan, Jaipur.
- Prof Dr Kesharsingh J. Patil, North Maharashtra University, Jalgaon.
- Prof Dr Bijay K Mishra, Sambalpur University Jyoti Vihar, Sambalpur.
- Prof Dr Fateh S Nandel, Punjab University, Chandigarh, Punjab.
- Prof Dr Anjali U Patel, Department of Chemistry, MS University of Baroda, Vadodara.
- Prof Dr Nishit C Desai, Department of Chemistry, MK Bhavnagar University, Bhavnagar.
- Prof Dr P Bahadur, Department of Chemistry, Veer Narmad South Gujarat University, Surat.
- Prof Dr PN Dave, Department of Chemistry, KSKV Kuchchh University, Bhuj.
- Prof Dr Mrs Padmaja Sudhakar Pamidimukkala, Department of Chemistry M S University of Baroda, Vadodara.
- Prof Dr Rajpal Sharma, Department of Chemistry, Punjab University, Chandigarh.
- Prof Dr KC Patel, Department of Chemistry, Veer Narmad South Gujarat University, Surat.
- Prof Dr N Sekar, Department of Dyestuff and Technology, Institute of Chemical Technology Mumbai.



- Prof Dr I N N Namboothiri, Department of Chemistry, Indian Institute of Technology Bombay, Powai , Mumbai.
 - Prof Dr Alka Sharma, Department of Chemistry, University of Rajasthan, Jaipur.
 - Prof Dr AK Singh, Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai.
 - Prof Dr Fateh Singh Nandel, Department of Biophysics, Punjab University, Chandigarh.
13. Percentage of classes taken by temporary faculty – programme-wise information:
Nil
14. Programme-wise Student Teacher Ratio:

Programme	Years	Ratio
MSc	2010-11	101:15
	2011-12	151:13
	2012-13	85: 13
	2013-14	77:12
	2014-15	83:12

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	15	08	07
Administration	15	13	08

16. Research thrust areas as recognized by major funding agencies : **Synthesis of heterocyclic and bioactive molecules, Dye- sensitized solar cell, Metal Based drug synthesis, Amphiphilic Ionic Liquids, Development of catalysis and ionic liquids based reactions, Synthesis of polymers especially for Opto electronic materials, Drug delivery systems etc.**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
SS Soni	Development of porous functionalized metal oxides and their application in metal ion removal	UGC, New Delhi	₹10,35,000 (Ref. No. F.41-295/2012(SR), dated 13/07/2012)	01/07/2012-30/06/2015
KR Surati	Highly efficient	DST(TSG),	₹ 25,92,555	2 Years



Name of the Principal Investigator/ Co-investigator	Title	Funding Agency	Amount of Research Grant Sanctioned with Letter No. & Date	Duration
PK Iyer	Phosphorescent Iridium (III) and Zn(II) Mixed Ligand Complexes for OLEDs: Fabrication and its Application	New Delhi	DST/TSG/PT/194G dated 2/08/2013	

18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration:

Name of other Department	National/ International	Project Name	Grant Received	Year Project Start
Dr V K Aswal Solid State Division, BARC, Mumbai	National	Studies on Aggregation Behavior of Pyridinium based Amphiphilic Ionic Liquids in Water and in Presence of Aggregate Growth Promoters (Dr N. V. Sastry, P. C.)	₹4,17,000	2011 – 14
Dr V K Aswal Solid State Division, BARC, Mumbai	National	Influence of Micellar Morphology on Conductivity of Polymer Gel Electrolytes (Dr S. S. Soni, P. C.)	₹5,92,000	2012 – 15
Dr P K Iyer Dept. of Chemistry, IIT-Guwahati, Assam	National	Highly Efficient Phosphorescent Iridium (III) and Zinc (II) Mixed Ligand Complexes for OLEDs: Fabrication and its Application	₹ 25,92,255	



19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Name of Project	Funded by	Total Grant Received	Year
Funds for Infrastructure Improvement in Science and Technology (FIST)	DST, New Delhi	₹42 Lakhs	01/4/2010 to 31/3/2015
Centre for Advanced Study	UGC, New Delhi	₹133.08 Lakhs	01/4/2011 to 31/3/2016

20. Research facility/centre with State, National and International Recognition:

National Recognition: DST – FIST Department, UGC CAS-I Department, Centre of Potential for Excellence in Applied Polymer Science (2003-2008)

21. Special research laboratories sponsored by/created by industry or corporate bodies: **None**

22. Publications:

- a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Papers Published	National	International
2010-11	21	0	21
2011-12	54	01	53
2012-13	77	03	74
2013-14	55	03	52
2014-15	51	0	51
Total	258	07	251

- b) Monographs: **Nil**
- c) Chapters in Books: **Nil**
- d) Edited Books: **Nil**
- e) Books with ISBN with details publishers **Nil**
- f) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- g) Citation Index – range/average:- **0-146** Average Citation : **12** (Total Citations/total publications)
- h) SNIP: **Nil**
- i) SJR: **Nil**
- j) Impact Factor – range/average: **0.562 – 17.54** (Avg:- **2.74**)

k) h-index: **Range: 8 - 30**

Name of the Faculty	Citations	h-index	i10-index
Dr DI Brahmhatt	262	09	09
Dr NV Sastry	2353	30	60
Dr DK Raval	425	13	16
Dr MP Patel	877	17	43
Dr NJ Parmar	182	09	07
Dr KH Patel	150	08	04
Dr SS Soni	677	12	18

23. Details of patents and income generated

Year	Details of Patent	Income Generated
2013 (Dr SS Soni)	Patent no: 2609/MUM/2013, Dated 7 th Aug 2013, “Synthesis of alkyl substituted carbazole dyes and its application to dye solar cell.”	Not applicable

24. Areas of consultancy and income generated

Year	Areas of consultancy/analytical services	Income Generated (in ₹)
2010-11	The department undertakes the analysis and consultancy work by determining the required properties of samples and interpretation of data	1,10,750
2011-12		2,15,500
2012-13		4,56,750
2013-14		3,90,900
2014-15		7,80,800

25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad

Name of Faculty	Year of Visit	International Visits
Dr DI Brahmhatt	2011	University of debrecen Hungary again under UGC Educational Exchange programme
Dr NV Sastry	2010	Regenesburg University, Regensburg, Germany, Research work under DAAD Reinvitation Fellwship
	2014	W. F. James Chair Professor of Pure and Applied Science, St. Francis Xavier University, Antigonish, Nova Scotis, Canada



Dr SS Soni	2014	Prof. Dr Alain gibaud, Ipec, universite du maine, le mans, France
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26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Name of Faculty	Committee Name	National/ International/ Editorial Board	Year of Joining
Dr DI Brahmbhatt	Editorial Board Member in International Chemistry Journal of Current Microwave Chemistry and Current Organo- Catalysis.	International	2013
Dr NV Sastry	Member, Board Of Associate Editors(Physical Chemistry Section), Indian Chemical Society, Kolkata	National	2011-2013
	Member, Editorial Board, International Journal of Industrial Chemistry & Bio technology, Malaysia	International	Ongoing
	Member, Editorial Board, International Journal of Organic Synthesis and Medicinal Chemistry	International	Ongoing
	Member, Editorial Board, International Journal of Physical Sciences	International	Ongoing
Dr Kiran R Surati	Invite member of the editorial advisor board in “The Open Catalysis Journal” Bentham Publisher (ISSN: 1876-214X).	International	

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL:

www.spuvvn.edu/igac/rar16/annexures/ann-9.pdf

28. Student projects: **Not Applicable**

- percentage of students who have done in-house projects including inter-departmental projects
- percentage of students doing projects in collaboration with other universities/industry/institute



29. Awards/recognitions received at the national and international level by

• (a) Faculty

Name of the Teacher	Name of the Fellowship/Honors/Recognition/Awards/Achievement with details.	Years
Dr DI Brahmbhatt	Selected to visit Hungary for a period of one month under Indo-Hungarian Educational exchange Programme 2011-12 and visited University of Debrecen, Hungary during 15/09/2011 to 15/10/2011	2011-12
Dr NV Sastry	DAAD Re-invitation Fellowship for visiting Institute of Physical and Theoretical Chemistry, University of Regensburg, Regensburg, Germany (July – August 2010) as Visiting Scientist	2010
Dr MN Patel	Awarded UGC BSR “one time grant” of ₹7 Lakhs from UGC, New Delhi.	2014
Dr SS Soni	Received DST-FAST track Young Scientist Award with the Major Research Project worth ₹25,40,800.	2014
	Awarded with membership of American Chemical Society (ACS) for three years from July 2015	2015
Dr NJ Parmar	Received an India International Friendship society, New Delhi’s SHIKSHA RATTAN Award	2011-12
	Received V best poster prize for presenting a paper in One day National seminar on New Dimensions in Chemical Sciences, held on 30/01/2010, at Department of Chemistry, Osmania University, Hyderabad	2011-12
	Received II best Poster Prize for presenting a research paper in National seminar on Research Trends in chemical Sciences and Future Prospects held during 11–12 Oct 2011 at Government VYT PG College, Durg (CG)	2011-12
Dr MP Patel	Received an India International Friendship society, New Delhi’s SHIKSHA RATTAN Award	2011-12
	Received II best Poster Prize for presenting a research paper in a UGC sponsored National seminar organized by VP & RPTP SCIENCE collage on 8 th -9 th Jan. 2016	2015-16

(b) Recognitions Received: Following faculty members are elected as Fellows of Gujarat Science Academy (GSA)

Sr . No.	Name of Fellow
1	Prof Dr NV Sastry
2	Prof DK Raval
3	Dr MP Patel
4	Prof Dr RM Patel (Rtd)
5	Prof Dr JD Joshi (Rtd)
6	Prof Dr HC Trivedi (Rtd)



(c) Doctoral / Post Doctoral fellows: Dr Bhavesh Bharatiya, Dr Kothari Post- Doctor Fellowship, 2014.

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Please do refer Volume-II and URL:

www.spuvvn.edu/igac/rar16/annexures/ann-13.pdf

31. Code of ethics for research followed by the departments :

Yes, the department strictly adheres to code of ethics for research that was formulated by the university from time to time.

32. Student profile programme-wise:

Name of the Programme	Year	Applications Received	Selected		Pass percentage	
			Male	Female	Male	Female
MSc	2010-11	702	108	43	100%	100%
	2011-12	576	130	60	100%	100%
	2012-13	324	65	36	100%	100%
	2013-14	530	55	46	100%	100%
	2014-15	454	61	40	100%	100%
PhD	2010-11	67	02	-	100%	100%
	2011-12	35	06	02	100%	100%
	2012-13	24	15	04	100%	100%
	2013-14	60	09	03	100%	100%
	2014-15	43	08	03	100%	100%

33. Diversity of students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students From universities outside the State	% of students from other countries
MSc	83.2	10.9	5.9	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Sr. No.	Name of Students	Cleared NET-JRF/SLET	Passing Year
1	Nirav H Sapariya	NET-JRF	2013
2	Rakesh R Giri	SLET	2013
3	Mr Umesh Tarpada	NET	2013
4	Mr Tushar Sutariya	SLET	2012
5	Mr Vishal Purohit	SLET	2012
6	Mr Pankaj Vekariya	SLET	2012
7	Mr Umesh Popat Tarpada	SLET	2010



Sr. No.	Name of Students	Cleared GATE/NBHM	Passing Year
1	Mr Mayankkumar G Sharma	GATE	2015
2	Mr Vishal B Purohit	GATE	2015
3	Mr Nirav H Sapariya	GATE	2014
4	Mr Pankaj Vekariya	GATE	2013
5	Mr Vishal B Purohit	GATE	2013
6	Mr Pankaj Vekariya	GATE	2012
7	Mr Parag Karia	GATE	2012
8	Mr Umesh Popat Tarpada	GATE	2011

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	-
PG to PhD	10 (through PhD Entrance Test)
Campus Selection	80

For Campus selection List Please do refer Annexure 26:

www.spuvvn.edu/iqac/rar16/annexures/ann-26.pdf

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	58
from other universities within the State	33
from universities from other States	9
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period: **Not Applicable**

38. Present details of departmental infrastructural facilities with regard to

a) Library: **Books : 8,000, Journals/Periodicals : 20**

Year	Number of Books/Journals	Amount (in ₹)
2010-11	73/0	1,88,871
2011-12	10/0	3,155
2012-13	338/3	4,00,000
2013-14	61/5	2,05,062
2014-15	273/0	1,96,303

b) Internet facilities for staff and students: **Yes, available for the staff and students**c) Total number of class rooms: **10**d) Class rooms with ICT facility: **03**e) Students' laboratories: **Yes**f) Research laboratories: **Yes**



39. List of doctoral, post-doctoral students and Research Associates :

a) from the host institution/university

Doctoral students

2011-12

1. Parmar Pradhuman Amrutsinh, Supervisor: Dr MN Patel
2. Gandhi Deepenkumar Sureshbhai, Supervisor: Dr MN Patel
3. Promise Abhaykumar Dosi, Supervisor: Dr MN Patel
4. Pushpak M Shah, Supervisor: Dr MP Patel
5. P J Shah, Supervisor: Dr HS Patel
6. Apoorva A Patel, Supervisor: Dr DI Brahmhbhatt
7. Nilesh R Vaghela, Supervisor: Dr NV Sastry
8. Amitkumar Thummar, Supervisor: Dr NV Sastry

2012-13

9. Mr Patel Chiragbhai V, Supervisor: Dr DI Brahmhbhatt
10. Mr Bhila Varun G., Supervisor: Dr DI Brahmhbhatt
11. Mrs Lad Hemali B., Supervisor: Dr DI Brahmhbhatt
12. Visha P Modi, Supervisor: Dr HS Patel
13. Khyati D Patel, Supervisor: Dr HS Patel
14. Paresh N Patel, Supervisor: Dr HS Patel
15. Bhupesh Shantilal Bhatt, Supervisor: Dr MN Patel
16. Shashikant Bhikhubhai Teraiya, Supervisor: Dr NJ Parmar
17. Rikinkumar Ashvinkumar Patel, Supervisor: Dr NJ Parmar

2013-14

18. Bhavesh Rranchhodbhai Pansuriya, Supervisor: Dr NJ Parmar
19. Hitesh Ajabhai Barad, Supervisor: Dr NJ Parmar
20. Kinnari Bharatbhai Trivedi, Supervisor: Dr KH Patel
21. Kinnar R Pandya, Supervisor: Dr DI Brahmhbhatt
22. Jigar Lalbhai Patel, Supervisor: Dr DI Brahmhbhatt
23. Vaibhav K Patel, Supervisor: Dr DK Raval
24. Bhautik B Thummar, Supervisor: Dr DK Raval
25. Jemin R Avalani, Supervisor: Dr DK Raval
26. Umesh P Tarpada, Supervisor: Dr DK Raval
27. Devji S Patel, Supervisor: Dr DK Raval
28. Hardikkumar Nareshbhai Joshi, Supervisor: Dr MN Patel
29. Chintankumar Ramanbhai Patel, Supervisor: Dr MN Patel
30. Harshad G Kathrotiya, Supervisor: Dr MP Patel
31. Yatin N Patel, Supervisor: Dr MP Patel
32. Hardik H Jardosh, Supervisor: Dr MP Patel
33. Deepali A Kotadia, Supervisor: Dr SS Soni

b) from other institutions/universities

Student Name	Year of Completion	Doctoral, Post-Doctoral and Research Ass.
Dr Bhavesh Bharatiya	2014	Post – Doctoral
Dr Ms AM Naji Abu-Tabikh	2011	Doctoral



Student Name	Year of Completion	Doctoral, Post-Doctoral and Research Ass.
Dr Mitesh K Prajapati	2014	Doctoral
Dr Y S Patel	2013	Doctoral

Please do refer Volume-II and URL :

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	04	01	21
2011-12	02	01	16
2012-13	03	04	14
2013-14	07	07	15
2014-15	08	14	31
Total	24	27	97

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	-	₹10,000	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Mr Sharadkumar Chaturbhai Karad		
3	2012-13	Ms Meha Jayantilal Prajapati		
4	2013-14	Ms Priyankaben Kanaksinh Rathva		
5	2014-15	Miss Rosy AlphonsSequeira		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Initially the feedback obtained from the alumni, employers is considered for commencement of a new programme. Then a series of discussions will be conducted by the faculty and board of studies for preparing the draft which will be again discussed with the employers requesting for their suggestions. It will be finally discussed in the board of studies and approved as per the university procedures.

42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

- a) How does the department utilize the feedback?

Feedback is collected from the staff which is utilized to improve the course structure from time to time.

- b) students on staff, curriculum and teaching-learning-evaluation and how does



the department utilize the feedback?

The feedback from the students is collected and properly analysed in order to promote better ways of improving the teaching-learning-evaluation system.

- c) Alumni and employers on the programmes offered and how does the department utilize the feedback?

To improve the quality of the education provided by the department the feedback from the alumni and employers is utilized.

43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered	Year of Passing	Any Other Remarks
Dr HC Trivedi	Retired Professor	Counseling	1971	He was Vice Chancellor in Bhavnagar University, Bhavnagar, Gujarat and Head of Chemistry Dept. of Sardar Patel Univeristy VV Nagar
Dr JS Parmar	Retired Professor	Vice President	1973	He was HOD of S P Univ.
Dr DJ Desai	Retired Principal	Member	1976	He was principal V P & R P T P Science College
Dr MC Patel	Chairman of CHARUSET University, Changa	Counseling	1968	-
Dr Mahesh G Patel	owner of Champion paint industries	EC Member	1987	He is also Seven owner of 7/11 cloth stores and EC Member of CHARUSET University
Dr Keyur Shah	Owner of Vallabh dyes stuff Ltd. and other industries	Invited Member	1997	-



Name of Alumni	Present Profession	Programme Offered	Year of Passing	Any Other Remarks
Mr Dinesh P Patel	Regional and Technical Manager at Covestro Dubai	Member (Foreign affairs activity)	1995	
Dr Atul A Vaghela	Sr Tech Manager, (Testing) CIPET, Ahmedabad	Member	1992	
Dr KD Patel	MD of Schin Field Tech. , Ahmedabad	EC Member	1974	
Dr Randhir J Parmar	Senior Manager (Technology), Asian Paints Ltd. Bombay	Member	1994	

44. Give details of student enrichment programmes (special lectures/workshops/ seminar) involving external experts.

Please do refer Volume-II and URL :

<http://www.spuvvn.edu/igac/rar16/annexures/ann-11.pdf>

45. List the teaching methods adopted by the faculty for different programmes.

The faculty adopts methods like making Power point presentations, model demonstration (both 3D-computer based as well as working model) including experimental learning, and interactive discussions for better teaching.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Results committee discusses the outcomes of the department regularly and makes arrangement to conduct student counseling for the students who have back logs or any the doubts. In this way the students are regularly monitored through exams as well as through their participation in competitions, discussions, etc. These measures give a scope to judge the extent of objectives being fulfilled in designing this course.

47. Highlight the participation of students and faculty in extension activities.

- **Industrial tours for students were arranged to explore real time synthesis as well as analysis by using various analytical instruments.**
- **Faculty and students of the department have participated in the Swachta Abhiyan, once in two- three months.**



48. Give details of “beyond syllabus scholarly activities” of the department.

The department organizes Student Seminars, Industrial tours for better learning and it also encourages students to participate in symposia and conferences to gain exposure. Additionally, for poorly performing students regular remedial classes were arranged.

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **NA**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Most of the faculty member in the department are working on Synthesis of Heterocyclic Compounds for Medicinal activity study, basic research on chemical kinetics, catalyst development, Inorganic complexes and their DNA studies, Ionic Liquids, Surfactants, smart materials solar cell, grafting on polymers etc.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Knowledgeable faculty,excellent curriculum, Quality research, Good no. of publications in National and International reputed journals
Weaknesses
<ul style="list-style-type: none"> • Vacant positions of faculty and supporting staff due to non clearance from Government.
Opportunities
<ul style="list-style-type: none"> • Campus placements are offered in best industries and Educational institutions. Good opportunities for students to get selected CSIR, NET, SET & GATE • Students can get employment in Govt. Organizations
Challenges
<ul style="list-style-type: none"> • To create the state of the art analytical laboratories to gear up to the Increasing demands in Analytical Chemistry. • Improving the quality of teaching by strengthening the faculty of the department and the alumni support.

52. Future plans of the department.

- **Plans related to infrastructure development: Strengthen the department with Infrastructural facilities and Research facilities.**
- **Teaching Learning: Encourage the teaching faculty to apply for more no. of Research Projects. Conducting the seminars frequently for renew the knowledge of Teachers, Scholars and students by interacting with reword personalities who invited as resource person for seminars.**
- **Research: To develop in to a center for potential of excellence in chemical science research.**



3. DEPARTMENT OF COMPUTER SCIENCE

1. Name of the Department: **Computer Science**
2. Year of the Establishment: **1986**
3. Is the Department part of a School/Faculty of the university?
Yes. Faculty of Science.
4. Names of programmes offered: **PhD, MPhil, MCA, MSc (Bio-informatics), MSc (Information & Science Technology), MSc (Information Technology) & PGDCA.**
5. Interdisciplinary programmes and departments involved. **Nil**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : **Nil**
7. Details of programmes discontinued, if any, with reasons. **MSc (Bio-informatics) now shifted to the CISST.**
8. Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
9. Participation of the department in the courses offered by other departments: **Nil**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	04
Associate Professor	03	01	01
Assistant Professor	05	05	01 + 08 (contractual)
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr PV Virparia	PhD (CS), MCA	Director and Professor	Computer Science, Simulation	26	07+02



Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr DB Choksi	PhD (CS), MCA, MSc (Phy)	Professor	Computer Science, Computer Networks	26	03+02
Dr DB Shah	PhD (CS), MCA	Professor	Computer Science, Computer Graphics	26	06+03
Dr PS Sajja	MSc (CS), MSc (CS)	Professor	Computer Science, Artificial Intelligence	22	06+03
Mr BB Patel	MCA	Associate Professor	Computer Science, Software Engineering	19	-
Mr JV Smart	MCA	Assistant Professor	Computer Science, RDBMS	18	-
Dr HJ Panchal	PhD (Bio-Chem), PGDCA	Lecturer	Computer Science, Bio-informatics	12	02
Mr Brijesh Patel	MSc (IS)	Lecturer	Computer Science	07	-
Ms SB Shah	MCA	Lecturer	Computer Science	07	-
Dr BV Patel	PhD (CS), MCA	Lecturer	Computer Science	07	-
Dr HB Pandit	PhD (CS), MCA	Lecturer	Computer Science	07	-
Ms JK Patel	MCA	Lecturer	Computer Science	07	-
Dr JA Trivedi	PhD (CS), MCA	Lecturer	Computer Science	04	-
Ms RD Gaharwar	MCA	Lecturer	Computer Science	04	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: **Nil**

13. Percentage of classes taken by temporary faculty – programme-wise information:
Not Applicable



14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio
MCA	2010-11	25:1
	2011-12	25:1
	2012-13	25:1
	2013-14	25:1
	2014-15	25:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	02	03 (contractual)	03 (contractual)
Administration	01	01	04 +01 (contractual)

16. Research thrust areas as recognized by major funding agencies

- **Neuro-fuzzy Systems**
- **Comparative Genomic & Proteomic studies of the multi domain Cellulase enzyme from different organisms**
- **Heli-PyD, a Comprehensive Database for Helico Bactor Pylori**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Sr. No.	Name of Faculty	Title of project	Month and Year of sanction	Amount sanctioned	Amount utilized
1	Mr Bharat B Patel	A comprehensive study of web services in the field of Bioinformatics	Sardar Patel University (Seed Grant)	50,000 (No. G/1-SEED GRANT/2015-16/6585 (27 th January 2015))	On going

18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Nil**

20. Research facility/centre with State, National and International Recognition : **Not Applicable**

21. Special research laboratories sponsored by/created by industry or corporate bodies: **Not Applicable**



22. Publications:

- a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Papers Published	National	International
2010-11	43	10	33
2011-12	11	01	10
2012-13	31	0	31
2013-14	06	0	6
2014-15	04	0	4
Total	95	11	84

- b) Monographs: **Nil**
 c) Chapters in Books : **11**
 d) Edited Books: **01**
 e) Books with ISBN with details of publishers: **05 Books**
 f) Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**
 g) Citation Index – range/average
 h) SNIP: **Nil**
 i) SJR: **Nil**
 j) Impact Factor – range/average

Average =	3
Highest =	6
Lowest =	3

- k) h-index

Faculty Name	Citation since 2010	h-index since 2010
Dr PV Virparia	48	04
Dr DB Choksi	13	02
Dr DB Shah	31	03
Dr PS Sajja	369	08
Dr BV Patel	36	-
Dr HB Pandit	14	-
Ms JK Patel	02	01
Dr JA Trivedi	21	-

23. Details of patents and income generated: **Nil**

24. Areas of consultancy and income generated: **Nil**



25. Faculty selected nationally/internationally to visit other laboratories/ institutions/industries in India and abroad.

Prof PV Virparia, Prof DB Choksi, Prof DB Shah and Prof PS Sajja visited various institutes/universities for providing academic services.

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify).

Sr. No.	Name of the Faculty	Name of Journal	National/ International
1	Dr PV Virparia	National Journal of System and Information Technology	National
		International Journal of Research and Reviews in Information Security and Privacy	International
		Research@ICT: International Journal of Information and Computing Technology	International
		International Journal of Computer Applications	International
		National Journal of Engineering and Science : Editorial Board	National
		International Magazine on Advances in Computer Science and Telecommunications	International
2	Dr DB Choksi	PRAJNA Sardar Patel University	National
		National Journal of Computer Science & Technology (NJCST) S.V.Institute of Computer Studies, Kadi	National
		International Journal of Computer Science & Systems DIT School of Engineering, Greater Noida	International
		RESEARCH@ICT: International Journal of Information and Computing Technology ISTAR	International
		International Journal of Research Issues in Computing Sciences (IJRICS)	International
3	Dr PS Sajja	International Journal of Computer Science & Applications, India	International
		International Magazine on Advances in Computer Science and Telecommunications, Republic of Macedonia	International
		International Journal of Computational Intelligence Techniques, UK	International
		INFOCOMP Journal of Computer Science, Brazil	International
		Research@ICT: International Journal of	International



Sr. No.	Name of the Faculty	Name of Journal	National/ International
		Information and Computing Technology, India	
		International Journal of Data Mining and Emerging Technologies	International
4	Dr HJ Panchal	Journal of computational intelligence and electronic systems American Scientific Publishers	International

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

The department has organized workshops/training programmes on .NET technology, Bioinformatics, Multimedia Technology for faculty recharging.

28. Student projects:

- percentage of students who have done in-house projects including inter-departmental projects: **100 All the students of PGDCA/MCA/MSc (IT) courses do their in-house project work during their study period.**
- percentage of students doing projects in collaboration with other universities/industry/institute **All the last semester students of MCA/MSc (IT) courses do their project work in collaboration with industry.**

29. Awards/recognitions received at the national and international level by

- Faculty:**

Name of Faculty member	Title of Award	Year of Award	Name of Awarding body	National/ International
Dr PS Sajja	Best research Paper	2012	National Conference on Spectrum of Information Technology Development at India's Perspective, Tarntaran	National
	Best research Paper	2014	National Conference on Emerging Trends in Information & Communication Technology, Rajkot	National

- Doctoral/post doctoral fellows: Nil**
- Students: Nil**

30. Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any.

- Workshop on “Molecular Modeling and Drug Designing” 22nd-24th Nov 2010.**
- Workshop on Bioinformatics on 28-30 Aug, 2011.**
- Workshop on .NET Technology 21st – 22nd Oct, 2011**



31. Code of ethics for research followed by the departments

- Feasibility of the proposed research work
- Duplication of work
- Usefulness of the work to society

32. Student profile programme-wise:

Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
MCA	2010-11	245	84	16	100	100
	2011-12	178	68	33	100	100
	2012-13	139	82	22	100	100
	2013-14	202	83	18	100	100
	2014-15	179	57	27	100	100
MSc Bioinformatics	2010-11	-	12	19	100	100
	2011-12	-	09	22	100	100
	2012-13	04	06	05	100	100
MSc (Information Technology)	2013-14	58	22	15	100	100
	2014-15	32	14	09	100	100

33. Diversity of students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MCA (2013-14)	24	76		
MCA (2014-15)	43	57	-	-
PGDCA (2013-14)	67	30	-	-
PGDCA (2014-15)	80	20	03	-
MSc(IT) (2013-14)	54	43	-	-
MSc(IT) (2014-15)	74	26	-	03

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise: Nil

35. Student progression: Nil



36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	92
from other universities within the State	8
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period: **03**

38. Present details of departmental infrastructural facilities with regard to

a) Library: **7,426 Books**

Library: **Print (books, back volumes and theses) - 7,426 books**

Electronic (e-books, e-journals) – **from INFLIBNET**

Magazines: **11**

National/International Journals: **38**

Year	Number of Books/Journals	Amount (in ₹)
2010-11	0/14	3,31,053
2011-12	71/44	70,545
2012-13	442/00	4,00,000
2013-14	0/23	1,99,999
2014-15	-	-

b) Internet facilities for staff and students: Department has two ways of getting internet connectivity

- **Bandwidth provided by university**
- **4 Mbps BSNL connectivity**

c) Total number of class rooms: **08**

d) Class rooms with ICT facility: **ICT enabled class**

e) Students' laboratories: **Computer Laboratory**

f) Research laboratories: **Nil**

39. List of doctoral, post-doctoral students and Research Associates:

a) **from the host institution/university**

Doctoral students

2012-13

1. **Mr Himanshu Patel, Suervisor: Dr PV Virparia**
2. **Mr Atul Patel, Suervisor: Dr PV Virparia**
3. **Narayan Arvindkumar Joshi, Suervisor: Dr DB Choksi**
4. **Vishal Dahiya, Suervisor: Dr PS Sajja**
5. **Jeegar Trivedi, Suervisor: Dr PS Sajja**



2013-14

6. Jyoti Tiwari, Suervisor: Dr DB Choksi
7. Patel Biraj V, Suervisor: Dr DB Shah
8. Mistry Mijal R, Suervisor: Dr DB Shah
9. Pandit Hardik B, Suervisor: Dr DB Shah
10. Sanskruti V Patel, Suervisor: Dr PS Sajja
11. Kunjal B Mankad, Suervisor: Dr PS Sajja
12. Anita M Gutta, Suervisor: Dr PS Sajja
13. Sohil D Pandya, Suervisor: Dr PV Virparia

2014-15

14. Ms. Amisha R Chauhan, Suervisor: Dr PV Virparia
15. Ms. Megha Vaidya, Suervisor: Dr PV Virparia
16. Pathak Pranv, Suervisor: Dr DB Shah
17. Sagar Shirinkumar Patel, Suervisor: Dr DB Shah
18. Patel Megha K, Suervisor: Dr DB Shah

b) from other institutions/universities

2010- 15

1. Ms Amisha R Chauhan, Supervisor : Dr PV Virparia
2. Mrs Pankaj Parsania Supervisor : Dr PV Virparia
3. Mr Hardik A. Vyas, Supervisor : Dr PV Virparia
4. Mr Bhavinkumar Dilipkumar Shah, Supervisor : Dr DB Choksi
5. Mr Pranav Pathak, Supervisor : Dr DB Shah
6. Ms Jinal Tailor, Supervisor : Dr DB Shah
7. Ms Vishal Dahiya, Supervisor : Dr PS Sajja
8. Ms Anita Gutta, Supervisor : Dr PS Sajja
9. Mr Nilay M.Vaidya, Supervisor : Dr PS Sajja
10. Mr Pravin R Patel, Supervisor : Dr PS Sajja
11. Mr Krunal Khurana, Supervisor : Dr PS Sajja
12. Ms Aditi, Kalyani, Supervisor : Dr PS Sajja

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	08	12	25
2011-12	10	16	17
2012-13	23	04	32
2013-14	23	12	52
2014-15	20	09	60
Total	84	53	186

Note : Free Studentships are also provided to meritorious students from self finance fund.



Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	-	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Ms Hemang Bharatkumar Mehta		
3	2012-13	Mr Anustup Shiladitya Gupta		
4	2013-14	Mr.Anustup Shiladitya Gupta		
5	2014-15	Mr. Devangkumar Kantilal Jani		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

The Programmes are review based on analysis of market and skill demands.

42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

- how does the department utilize the feedback? **Yes, the department utilizes the feedback to improve the teaching learning process and curriculum.**
- students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **Yes, the department utilizes the feedback to improve the teaching learning process and curriculum.**
- alumni and employers on the programmes offered and how does the department utilize the feedback? **Yes, the department utilizes the feedback to improve the teaching learning process and curriculum.**

43. List the distinguished alumni of the department (maximum 10)

Dr SM Patel (USA)

Dr KM Jhaveri (USA)

Dr GS Rao (USA)

Dr Vinodkumar (USA)

Dr Vipul Desai (Baroda)

Mr Nikunj Patel (PCS, Gandhinagar)

Dr Sanjay Booch (Reliance Ahmedabad)

Dr Bankim Patel (Director, Uka Tarsadia University, Bardoli)

Dr CK Kumbharana (Head, Saurashtra University)

Mr Ajay Yadav(Oracle, USA)



44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts

Sr. No.	Name of Guest Faculty	Dates of visit	Interdisciplinary /multidisciplinary	Title of lecture/s delivered	Name of Scheme under which guest was invited
1	Mr Dipak Rai	7/2/2012	-	Emerging Trends in IT	IA Patel (Sheratha) Lecture Series
2	Prof ML Saikumar	1/8/2012	-	Software Testing	IA Patel (Sheratha) Lecture Series
3	Mr Vipul Patel	7/1/2013	-	Information Architecture & Data Warehousing	IA Patel (Sheratha) Lecture Series
4	Dr Manish R Joshi	13/8/2013	-	Future Trends in Computing	IA Patel (Sheratha) Lecture Series
5	Prof P Thrimurthy	26/12/2013	-	Development of Right Attitudes for Skills Development	IA Patel (Sheratha) Lecture Series
6	Mr Ashish Patel	3/1/2015	-	SAP in Business	IA Patel (Sheratha) Lecture Series
7	Mr Dilip Patel	8/1/2015	-	IT opportunities in CANADA	IA Patel (Sheratha) Lecture Series
8	Mr Nilay P Ganatra	2/9/2015 (2 Sessions)	-	Application Development using Android	IA Patel (Sheratha) Lecture Series

45. List the teaching methods adopted by the faculty for different programmes.

The faculty of the department of computer science uses the latest teaching aids such as multimedia projector, Internet, online demonstrations, tutorials, etc.



46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The department monitors placement of students and feedback received from students/society to ensure that the objectives are met.

47. Highlight the participation of students and faculty in extension activities.

Students actively participate in blood donation camps organised by the department, tree plantation and cleaning activities time to time under NSS.

48. Give details of “beyond syllabus scholarly activities” of the department.

The department organises IT competitions, expert talks, and workshops to develop IT skills in latest technologies.

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details.

Yes. The Department of Computer Science is approved by AICTE.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The research activities carried out by the faculty as well as research students of the department have opened up new areas for innovative work.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Latest state of the art infrastructure. • well designed syllabus. • Placement activities. • Well qualified faculty. • Beyond syllabus scholarly activities.
Weaknesses
<ul style="list-style-type: none"> • Vacant senior level positions of teaching staff and permanent non teaching staff due to pending clearance from Government. • Mobility of junior staff.
Opportunities
<ul style="list-style-type: none"> • Providing services to society/industry. • Developing new skills in latest technology. • Perusing research in modern technology.
Challenges
<ul style="list-style-type: none"> • To cope up with the rapid changes in information technology. • To produce competent IT professionals for industry/Government. • To attract students for the professional courses.

52. Future plans of the department.

- The department plans to peruse research work in fields like artificial intelligence, image processing, data mining, cloud computing, distributed computing, etc.



NAAC – Reaccreditation Report

- We also have a plan to introduce advanced servers/workstations to strengthen our computing facilities.
- The department plans to provide consultancy services through its expert faculty members.



4. DEPARTMENT OF ELECTRONICS

1. Name of the Department: **Electronics**
2. Year of the Establishment: **1988**
3. Is the Department part of a School/Faculty of the university?
Yes. Faculty of Science.
4. Names of programmes: **PhD & MSc.**
5. Interdisciplinary programmes and departments involved
Dr BH Patel involved in the CISST program as a member of Advisory Committee.
Dr VS Vaishnav and Dr UB Trivedi are involved in the MSc programme offered by CISST, Sardar Patel University.
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : **Nil**
7. Details of programmes discontinued, if any, with reasons. **Nil**
8. Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
9. Participation of the department in the courses offered by other departments.
Dr VS Vaishnav and Dr UB Trivedi are involved in the MSc programme offered by CISST, Sardar Patel University.
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	02
Associate Professor	02	02	05
Assistant Professor	04	04	-
Others	-	-	-



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr (Ms) BH Patel	MSc PhD (Physics)	Professor (CAS)	Thin Films Electronic Devices, Semiconducting Materials and Devices, Communication electronics , Crystal Growth, Vacuum Technology, Material Characterization, Properties and Device Applications	27	01
Dr D Lakshmiunarayana	MSc PhD (Physics)	Professor (CAS)	Semiconductors-Single Crystals and Thin Films & Devices, Solar Cells, Sensors / Bio-sensors / Bio-Electronics, Crystal Growth ,Semiconductor Thin Film Devices	31	-
Dr SS Patel	MSc PhD (Physics)	Associate Professor	Solar Energy, Electroluminescence Devices	26	-
Dr(Ms) VS Vishnav	MSc PhD (Electronics)	Associate Professor	Sensors : Science and Technology, Industrial Electronics, Thick films	22	01
Mr DB Dave	MSc (Electronics)	Associate Professor	Computer Science and Technology, Instrumentation, Embedded System Design	24	-
Mr PB Patel	MSc (Electronics)	Associate Professor	Computer Electronics, Digital VLSI Design, Embedded System Design	22	-
Dr(Ms) SS Patel	MSc PhD (Electronics)	Associate Professor	Thin Film Device, Instrumentation, Microcontroller based systems.	19	-



12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Dr KK Makhija, Worked as Visiting Faculty (2010-11).

13. Percentage of classes taken by temporary faculty – programme-wise information:
Not Applicable

14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio
MSc	2010-11	15:1
	2011-12	18:1
	2012-13	16:1
	2013-14	11:1
	2014-15	8:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	05	02	03
Administration	01	01	03+03 (contractual)

16. Research thrust areas as recognized by major funding agencies: **Pulsed LASER Deposited Thin Film Nano Sensors, Thin Film Optical Sensors, GAS/VOC Sensors**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Name of Investigator/s Name of Investigator/s	Title of project	Funding agency	Amount Sanctioned (in ₹)
Dr(Ms) Basumati H Patel	Synthesis and Characterization of pulsed leaser deposited semiconductor thin films for nanosensor application	UGC, New Delhi	14,58,800 Letter No. E.No.41-594/2012(SR)
Dr (Ms) Vibha S Vaishnav	Interdisciplinary Research work on Development of Gas / Vapour Sensors using the Oxide Semiconductors with possible extended study of the response of Tin Metal to Mechanical and Electrical Stimuli	Sardar Patel University	1,00,000 Letter No. : (i) G/No. DST Purse/12-13/1674 Dt. 06/06/2012 (ii) No. : G-1 / Elect / DST Purse/7518

18. Inter-institutional collaborative projects and associated grants received
a) National collaboration b) International collaboration: **Nil**



19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: **Nil**

20. Research facility/centre with State, National and International Recognition:

National Recognition: Pulsed LASER Deposition System (COMPEX-Pro Excimer LASER) facility for thin film deposition.

State recognition: VLSI Design Laboratory recognised and funded by Govt. of Gujarat

21. Special research laboratories sponsored by/created by industry or corporate bodies: **Nil**

22. Publications:

a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Papers Published	National	International
2010-11	02	-	02
2011-12	03	01	02
2012-13	02	-	02
2013-14	-	-	-
2014-15	-	-	-
Total	07	01	06

b) Monographs: **Nil**

c) Chapters in Books: **Nil**

d) Edited Books: **Nil**

e) Book Publication: **Nil**

f) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): **Nil**

g) Citation Index – range/average: **Nil**

h) SNIP: **Nil**

i) SJR: **Nil**

j) Impact Factor – range/average **Range 3.84-0.9 (SCI Indexed Journal)**

k) h-index (Since 2010)

Name of the Faculty	Citations	h-index	I10-index
BH Patel	29	03	01
VS Vaishnav	260	06	05
PB Patel	144	06	05

23. Details of patents and income generated: **Nil**

24. Areas of consultancy and income generated: **Nil**



25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad: **Nil**
26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Name of Faculty	Committee Name	National/International/Editorial Board	Year of Joining
D Lakshminarayana	PRAJNA - Journal of Pure and Applied Sciences	National	2013, Sardar Patel University
Dr BH Patel	UGC-NET Examination	National	2003 onwards

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf

28. Student projects :

- percentage of students who have done in-house projects including inter-departmental projects: **100. Students are under taking the Project work at all semesters of their MSc Course.**
- percentage of students doing projects in collaboration with other universities/industry/institute: **Nil**

29. Awards/recognitions received at the national and international level by

- Faculty: **BH Patel (Best Oral Presentation), PB Patel (Best Poster Presentation)**
- Doctoral/post doctoral fellows: **Dhruv Dhananjay (Best Oral Presentation), Vishal Dhamecha (Best Poster Presentation)**
- Students: **Nil**

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any: **Nil**

31. Code of ethics for research followed by the departments.

As stipulated by UGC and University norms in relation to relevant research areas.



32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MSc					
2010-11	76	43	13	96.40	100
2011-12	576	48	18	93.90	100
2012-13	67	28	19	97.80	100
2013-14	33	24	06	93.33	100
2014-15	27	15	06	-	-

33. Diversity of students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MSc				
2010-11	54	46	-	-
2011-12	86	14	-	-
2012-13	71	29	-	-
2013-14	66	29	05	-
2014-15	54	46	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Year	Number of Students	NET	GATE
2011-12	01	01	-
2011-12	02	01	-
2012-13	02	01	01
2013-14	01	01	-
2014-15	01	01	-

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	-
PG to PhD	2



36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	67
from other universities within the State	-
from universities from other States	33
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period: **Nil**

38. Present details of departmental infrastructural facilities with regard to

a) Library Books: **2200**, Journals: **6** and Video Cassettes: **85**

Year	Number of Books/Journals	Amount (in ₹)
2010-11	41/2	2,50,027
2011-12	42/0	17,606
2012-13	20/2	4,00,000
2013-14	56/0	24,748
2014-15	29/0	6,089

b) Internet facilities for staff and students: **Yes**

c) Total number of class rooms: **02**

d) Class rooms with ICT facility: **02**

e) Students' laboratories: **06**

f) Research laboratories: **02**

39. List of doctoral, post-doctoral students and Research Associates:

a) **from the host institution/university**

Doctoral students

2012-13

1. Mr Jignesh Panchal, Supervisor: Dr VS Vaishnav



b) from other institution/university

Sr. No	Name of student	Name of supervisor	Date of registration	Title of Thesis	Status: Pursuing/ submitted thesis/awarded degree	Whether thesis was uploaded on internet (Y/N) If yes, provide details
1	Vishal Dhamecha	Dr BH Patel	21-09-2010 (full time)	Studies on Compound Semiconductor Thin Film Electronic Devices	Pursuing	
2	Dhruv Dhananjay	Dr BH Patel	04-11-2004 (part-time)	Studies on Compound Semiconductor (ZnIn ₂ Se ₄) Thin Film Electronic Devices	Degree Awarded (Dec 2015)	Submitted to University Library
3	Panchal Jignesh	Dr VS Vaishnav	30-11-2006 (full-time)	Development and Applications of Indium Tin Oxide (ITO) Thin Film Vapour Sensors	Degree Awarded (24-11-2014)	http://hdl.handle.net/10603/34702

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	02	0	04
2011-12	01	01	06
2012-13	0	0	05
2013-14	01	02	08
2014-15	0	0	07
Total	04	03	30

Note : Free Studentships are also provided to meritorious students from self finance fund.



Sr. No	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	-	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Ms Aashiyabanu Iqbalhusain Saiyed		
3	2012-13	Ms Vaishali Shankerlal Bhoi		
4	2013-14	Ms Bhumiben Mansukhlal Thummar		
5	2014-15	Mr Ramendra Narayan Pandey		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **Not Applicable**
42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how
- does the department utilize the feedback? **Yes. Regular feedback from faculty members regarding the subjects they handled are discussed in the Curriculum Development Cell (CDC) of the department. Based on the discussions, modifications are made in the syllabi and curriculum in the Board of Studies.**
 - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **Yes. Mentor meeting is conducted in regular intervals by the Mentors. Class Representative Meetings are conducted by the Head of the Department. Based on the feedback corrective measures are taken.**
 - alumni and employers on the programmes offered and how does the department utilize the feedback? **Few alumni and employers are members of the Board of Studies**
43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered	Year of Passing
Dr HN Kapse	Assistant Professor	MSc (Electronics)	1999
Dr CJ Panchal	Professor	PhD (Electronics)	1996
Gopul R Patel	Entrepreneur	MSc (Electronics)	1996
Soumil B Shah	Dell Online Tech Support Manager	MSc (Electronics)	2006
Dhaval A Parikh	Project Manger, Einfochip	MSc (Electronics)	2007
Bharat B Lohray	Software Developer, SA	MSc (Electronics)	2008
Dhaivat B Jani	Embedded Engineer	MSc (Electronics)	2003
Parag D Dave	Software Engineer , USA	MSc (Electronics)	2009
Nimisha Neog	Assistant Professor, Asham	MSc (Electronics)	2011



Name of Alumni	Present Profession	Programme Offered	Year of Passing
Mitesh Parmar	Back End Design Tester, E-Infochip	MSc (Electronics)	2009

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts. **Not Applicable**
45. List the teaching methods adopted by the faculty for different programmes.

- Collaborative and Cooperative Learning
- Experimental Learning
- Case study based Learning
- Web Based Learning
- Team-based Learning
- Project-based Learning
- Question-directed Instruction
- Project work Assignment

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The outcomes are listed

- Ability to exhibit knowledge of Circuit Design based on science and engineering;
- Capable of identifying, formulating and solving electronic device and circuit related problems;
- Ability to conduct experiments, interpret data and design as per specifications; and
- Ability to work on live projects.
- Regular tests are conducted and the performance of the students are analysed based on their marks. Laboratory sessions include viva to check the knowledge gained by the students. Semester projects are done by the students based on the skills acquired and this enables them to work on live projects. The outcomes are monitored through tests, placements and competitions

47. Highlight the participation of students and faculty in extension activities.

Faculty members of the Department are associated with the Community Radio Station, rendering their technical expertise for keeping CRS live. Some faculties are also involved as committee member of Shri Aurbindo Chair of Integral Studies. Students of the Department are involved in various cultural activities of the University.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Industrial Placement - are arranged to enable the students to know about the real time applications.
- Senior students train their junior students on the latest trends in industry based on thire in-plant training they have attended.



49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **Nil**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- **The Department is presently in a process of establishing the diverse research facility based on Pulsed LASER Deposition for Nano application.**
 - **Industry standard Design Tools are also included in the basic teaching and practical training for the student in the field of VLSI System Design.**
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Eco – friendly and amicable working atmosphere. • Excellent Infrastructure and Lab facilities. • Experienced, dedicated and highly qualified Teaching Staff. • Departmental library facility is available for faculty Members and students. • Good and spontaneous assistance from non-teaching staff. • Providing study materials and holding special classes for slow student. • Different Cultural programs, Sport activities are organized in the department in regular basis.
Weaknesses
<ul style="list-style-type: none"> • Research output is less due to unfilled sanctioned teaching posts. • PhD qualified faculty members are less in the department.
Opportunities
<ul style="list-style-type: none"> • Department can serve as a knowledge base centre in the filed of IC design and testing.
Challenges
<ul style="list-style-type: none"> • Heavy syllabus leading to lack of time for giving personal attention to students. • Strengthening Global Level Research. • Technical difficulties for continuous restructuring of course. • Motivating the students towards generating interest in the subject and further higher studies like PhD program.

52. Future plans of the department.

To achieve the Potential of Excellence in the field of Electronics.



5. DEPARTMENT OF MATERIALS SCIENCE

1. Name of the Department: **Materials Science**
2. Year of the Establishment: **1990**
3. Is the Department part of a School/Faculty of the university?
Yes. Faculty of Science.
4. Names of programmes offered: **MSc Materials Science, MSc Nanoscience & Nanotechnology, PhD in Materials Science& PhD in Materials Technology**
5. Interdisciplinary programmes and departments involved **MSc Materials Science programme is an interdisciplinary branch of science involving basic and applied aspects of Physics, Chemistry and Engineering. Department of Physics and Chemistry are involved.**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : **Nil**
7. Details of programmes discontinued, if any, with reasons. **Nil**
8. Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
9. Participation of the department in the courses offered by other departments. **Laboratory facilities are provided for the practical work of MSc (Defence science)**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	-
Associate Professor	01	-	02
Assistant Professor	02	02	-
Others	-	-	-



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr (Miss) RH Patel	MSc, PhD	Associate Professor	Synthetic Polymers: Synthesis, Characterization and applications Flame retardant Polymers: Synthesis, Characterization and applications	26	01
Dr NM Batra	MSc, PhD	Associate Professor	Crystal Growth and Characterization Thin Films (PECVD)	26	-
Dr LM Manocha	MSc, PhD	Professor (Retired)	Carbon Science and Technology, Carbon fibers, Carbon-Carbon composites, Ceramics & Ceramic Composites, Carbon Nanomaterials and Composites	25	05
Dr (Mrs) S Manocha	MSc, PhD	Professor (Resigned)	Activated Carbon, Carbon-metal complex, Composites for bio-Applications, Sol-gel Processing of Ceramics, Fly ash utilization, Nanoclay & nanoclay based composites, carbon and carbon ceramic foams	23	05

12 List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of Fellows/Faculty, Emeritus Professors	Department/University/Institution	Year of Visit
Dr HC Bajaj	MS University, Vadodara	2011
Dr PM Raole	IPR, Gandhinagar	2011
Mr JK Das, (West Bengal)	Naskar & Co., Howrah	2011
Dr TLPrakash	Director, CMET, Mumbai	2011
Dr UV Vardharajan	Scientist G, DRDO, at CRDE	2011
Dr P Kothiyal	BARC, Mumbai	2011
Dr Anil Gupta	IIT, Kharagapur	2011



Dr Krupanidhi	IISc, Banglore	2011
Dr Sundarrajan	ARCI, Balarpur,Hyderabad	2011
Dr Bhanushali	Quadrant dental solution, Mumbai	2012
Dr S Roy	CTI, Banglore	2012
Dr Saxena	DMSRD, Kanpur	2012
Dr RN Bhargav	IIT, Mumbai	2012
Dr HS Maiti	NIT, Rourkela	2012
Prof Walter Krenkel	University of Bayreuth,Germany	2012
Dr M Singh	NASA, USA	2012
Dr AK Singh	NAL, Banglore	2012
Dr Saxena	DMSRD, Kanpur	2012
Dr M Singh	USA	2013
Dr Arvind Saxena	Kanpur- DMSRDO	2013
Dr Ing Paolo	Colombo	2013
Dr Hasan Mandal	Turkey	2013
Dr VK Rattan	Dean, Engineering Faculty, Punjab University, Chandigadh	2013
Dr RB Mathur	NPL, Head Division of Physics & Engineering, New Delhi	2013
Prof Walter Krenkel	University of Bayreuth, Germany	2013
Dr Anil Gupta	IIT, Kharagpu	2013
Dr SD Majumdar	Delhi university, New Delhi	2013
Prof SK Joshi	NPL, New Delhi	2014
Prof SV Joshi	University of Pune, Pune	2014
Prof PK Jain	ARCI, Hyderabad	2014
Prof SB Krupanidhi	IISC, Banglore	2014

13. Percentage of classes taken by temporary faculty – programme-wise information:

List of Programme	Faculty (Permanent/Temporary)	Percentage
MSc	Permanent	50
	Temporary	50

14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio
MSc	2010-11	8.5:1
	2011-12	10:1
	2012-13	11:1
	2013-14	16:1
	2014-15	19:1



15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	02	01	01
Administration	07	06	03

16. Research thrust areas as recognized by major funding agencies:

Identified for SAP CAS (Phase II) (Completed):

- Commission's sanction letter No.F 5-4/2009 dated 18-12-2009 CAS Phase II.
- Carbon and Ceramic based solid and porous functional materials including Nanomaterials and composite materials for industrial and strategic applications.

Identified for SAP CAS (Phase III) (Recommended):

- Polymeric and ceramic based materials for composite, film and coating applications.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: **Nil**

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration: **Nil**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Name of Project	Funded by	Total Grant Received	Year
CAS	UGC-SAP/CAS	₹106 Lakhs	2009-14

20. Research facility/centre with State, National and International Recognition:

• **State recognition:**

State Government (Gujarat Council on Science and Technology, GUJCOST) has recognized the Department as Centre for Excellence in Nanoscience and Nanomaterials

• **National recognition:**

The Department of Science and Technology, New Delhi has recognized it for FIST level II program.

The University Grants Commission, Delhi has recognized the department as Centre for Advance Studies in polymeric and ceramic based materials.

21. Special research laboratories sponsored by/created by industry or corporate bodies: **Nil**



22. Publications:

- a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Papers Published	National	International
2010-11	08	-	08
2011-12	09	-	09
2012-13	02	-	02
2013-14	07	-	07
2014-15	06	-	06
Total	32	-	32

- b) Monographs: **Nil**
 c) Chapters in Books: **Nil**
 d) Edited Books: **Nil**
 e) Books with ISBN with details of publisher: **Nil**
 f) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): **Nil**
 g) Citation Index – range/average: **Nil**
 h) SNIP: **Nil**
 i) SJR: **Nil**
 j) Impact Factor – range/average: **Nil**
 k) h-index:
 Prof LM Manocha **h-index=8**
 Prof S Manocha **h-index=10**
 Dr RH Patel **h-index=5**
 Dr NM Batra **h-index=6**

23. Details of patents and income generated: **Nil**

24. Areas of consultancy and income generated:

Year	Consultancy Provided to	Area	Income Generated (in ₹)
2011-12	Sud chemie India pvt.ltd.	Testing (SEM analysis 05 sample)	5,000
2011-12	Sud chemie India pvt.ltd.	Testing (SEM analysis 07 sample)	7,000
2011-12	Sud chemie India pvt.ltd.	Testing (SEM analysis 07 sample)	7,000



Year	Consultancy Provided to	Area	Income Generated (in ₹)
2012-13	Boron carbide Pvt. Ltd. Mumbai	-	12,000
2012-13	AR College of Pharmacy, VV Nagar	Testing (Particle size analysis & zeta potential 02 sample)	800
2012-13	AR College of Pharmacy, VV Nagar	Testing (Particle size analysis & zeta potential 12 sample)	4,800
2012-13	Kavya carbon Pvt. Ltd., Jaipur	Testing	12,500
2013-14	Sud Chemie India Pvt. Ltd.	Testing	10,000

25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad:

- SM Manocha, Eighth International Conference on High Temperature Ceramic Matrix Composites, September 22-26, 2013, Xi'an, China.
- Satish M Manocha, Institute of Materials Science, Shenyang, China, September 28, 2013.
- LM Manocha, Argonne National Laboratory, USA, May 31, 2011.
- LM Manocha, International Ceramic Conference, Daytona beach, USA, January 24, 2011.
- LM Manocha, International Symposium on Ceramics, Osaka, Japan, November 16, 2010.
- LM Manocha, Shinshu University, Nagano, Japan, November 18, 2010.
- LM Manocha, HTCMCAP, Xiang, China, April, 2010.
- LM Manocha, Russian Academy of Science, June 2010.

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify):

Name of Faculty	National/International/Editorial Board	Level
Prof LM Manocha	Bulletin of Carbon Science(Korea)	International
Prof LM Manocha	Russian Journal composites and Nanostructures	International
Prof LM Manocha	Eurasian-Techno chemical journal of chemical Science	International
Dr(Miss) RH Patel	Journal of Materials Science	International



27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Name of Faculty	National/International	Workshops
Dr RH Patel	National	National seminar on crystallography (NSC 43B) & National workshop on CADD
Dr RH Patel	National	One-day workshop on statistical computing through software
Dr RH Patel Dr NM Batra Prof LM Manocha Prof S Manocha)	National	One day workshop on Advanced ceramics for industrial and Biomedical Applications
Dr RH Patel Dr NM Batra Prof LM Manocha Prof S Manocha	National	One day workshop on Advanced ceramics for industrial and Biomedical Applications
Dr RH Patel Dr NM Batra Prof LM Manocha Prof S Manocha	National	One day workshop on carbon nanomaterials for industrial applications
Dr RH Patel Dr NM Batra Prof LM Manocha Prof S Manocha	National	one Day workshop on ceramic processing

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: **100**
- percentage of students doing projects in collaboration with other universities/industry/institute: **10**

29. Awards/recognitions received at the national and international level by

Faculty:

Name of Faculty	Awards/Recognitions Given by	Year
Prof S Manocha	International Sardar Patel Award for Excellence in Technology Development	2012
Prof S Manocha	MRSI Medal	2012

Doctoral / post doctoral fellows: Nil

**Students:**

- Mr Valay Solanki got the Third Prize in Poster Presentation in the "International Conference on Energy Efficient Materials, Manufacturing Methods and Machineries for Ceramic Industries" held on December 19, 2011 at Agra.
- Ms Arpana Basak got the Second Prize in Oral Presentation in the "Innovations in Science- SPU Research Scholar Meet (ISSPURSM-2012)" held during January 8-9, 2012 at Vallabh Vidyanagar.
- Mr Has Mukh Gajera got the First Prize in Poster Presentation in the "Innovations in Science- SPU Research Scholar Meet (ISSPURSM-2012)" held during January 8-9, 2012 at Vallabh Vidyanagar.
- Ms Namita Jha got the First Prize in Oral Presentation in the "XXVI-Gujarat Science Congress" held on February 26, 2012 at Ahmedabad.
- Mr Parth Joshi got the Best Poster Prize in poster presentation at the "National Conference on carbon materials- 2012" held on 1-3rd November, 2012 at BARC, Mumbai.
- Arpana Basak received the best oral presentation prize at the International Symposium on Advanced Ceramics, Composites and Nanostructured Materials.
- Arpana Basak received the best oral presentation prize at XXV Gujarat Science Congress, 2011.
- Valay Solanki received the best poster presentation prize at the International Symposium on Advanced Ceramics, Composites and Nanostructured Materials.
- Mr Milan Vyas got the Best Poster Prize in Poster Presentation at the "IUMRS ICA 2013" held on December 16th -20th, 2013 at IISC, Bangalore.
- Mr Amin Hirani got the second prize in poster presentation at the XXVII Gujarat Science Congress-2013 held on 24/02/2013 at Charusat, Changa.
- Mr Amin Hirani got the third prize in poster presentation Research paper presented in poster form and got third prize in the,UGC sponsored one day seminar on Condensed Matter Physics (CMP-2014) held at Department of Physics,Sardar Patel University,Vallabh Vidyanagar on 3rd March,2014.
- Charulakshmi T R secured 1st position in Article writing competition organized by community science centre in National Science Day celebration-2014.

Prof CN Rao education Foundation Prize for Best Project Prize

- Mr Twinsampati Bhandari and Tridip B K Baishya for the year 2011-12.
- Mr Rahul R Pillai for the year 2013-14.
- Miss Charulakshmi TR for the year 2014-15.

Awarded MRSI Gold medals for securing 1st rank in MSc (Materials Science)

- Debabrata Ghosh for the year 2010-11.
- Prabhakar Jha for the year 2011-12.
- Bharatkumar Chunilal Prajapati for the year 2012-13.



- **Abhignan Chwaudhary for the year 2013-14.**
- **Sidhhant Pathak for the year 2014-15.**

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-13.pdf

31. Code of ethics for research followed by the departments:

Hard work, sincerity and determination to achieve the goal.

32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
(MSc Materials Science)					
2013-14	27	11	09	100	100
2012-13	28	09	12	100	100
2011-12	49	17	01	100	100
2010-11	20	09	-	94.7	-
(MSc Nanoscience & Nanotechnology)					
2013-14	12	-	-	-	-
2012-13	09	-	-	-	-
2011-12	10	06	02	100	100
2010-11	04	02	02	100	100

33. Diversity of students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MSc (Materials Science)				
2013-14	10.00	90.00	-	-
2012-13	09.52	80.95	09.52	-
2011-12	77.78	22.22	-	-
2010-11	47.36	15.78	36.84	-
MSc (Nanoscience & Nanotechnology)				
2013-14	-	-	-	-
2012-13	-	-	-	-
2011-12	16.66	83.33	-	-
2010-11	-	100	-	-



34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Sr. No.	Name of Examination	Year (numbers only)				
		2010-11	2011-12	2012-13	2013-14	2014-15
1	GATE	05	07	02	03	04
2	NET	-	-	01	-	-

35. Student progression:

Student Progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	-
PG to PhD	10
Employed	10
Other than campus recruitment	80
Entrepreneurs	10

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	50
from other universities within the State	50
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period Nil

38. Present details of departmental infrastructural facilities with regard to

- a) Library

Year	Number of Books/Journals	Amount (in ₹)
2010-11	09/0	6,852
2011-12	21/6	1,04,925
2012-13	15/1	3,00,000
2013-14	-	-
2014-15	-	-

- b) Internet facilities for staff and students: **Yes**
 c) Total no. of computers (configuration wise I3-I4/ etc, Laptops, etc.): **25**
 d) Total number of class rooms: **04**
 e) Class rooms with ICT facility: **01**
 f) Students' laboratories: **Synthesis, Analysis and Networking Laboratory**



g) Research laboratories:

Name of the Laboratory	Instrument/ equipment details	Capacity	Type (Research/Teaching)
Materials Processing Lab I (01)	Furnaces, PECVD, Compression moulding machine	10	Research
Materials Analysis Instron (02)	Universal testing machine- Instron	05	Research & Practical's
Materials Processing Lab II (03)	High temperature furnace, centrifuge, extruder, Drier	10	Research & MSc Project
Instrument Lab I (103)	Thermal analysis, IR analysis, SEM, Particle size analyzer, Micro hardness tester...	10	Research & MSc Practicals and Project
Instrument lab II (106)	Raman Spectrophotometer	05	Research & MSc Project
Instrument lab III (107)	BET surface area analyzer	02	Research & MSc Project
Research Lab I (108)	Autoclave, centrifuge, vacuum oven...	05	Research & MSc Project
Research Lab II (109)	GC analyzer & Izod impact tester	10	Research & MSc Project
MSc Final (MS/NST) Lab (101)	Flame photometry, autoclave	10	Research & MSc Practicals and Project
MSc (MS/NST) Lab I (201)	Lab-1	10	Research & MSc Practicals
MSc (MS/NST) Lab II (204)	Lab- II	10	Research & MSc Practicals
Networking Lab (207)	Computer lab	10	MSc
Laboratory (213)	Chemical lab	06	Research lab

39. List of doctoral, post-doctoral students and Research Associates:

a) from the host institution/university

Doctoral students:**2010-15**

1. Mr Milan Vyas, Supervisor: Prof LM Manocha.
2. Mr Valay Solanki, Supervisor: Prof Mrs S Manocha.



3. Ms Arpana Basak, Supervisor: Prof Mrs S Manocha.
4. Mr Pratipalsinh Rayjyada, Supervisor: Prof LM Manocha.
5. Mr KS Patel, Supervisor: Dr Miss RH Patel.
6. Mr AV Hirani, Supervisor: Dr Miss RH Patel.
7. Mr BR Patel, Supervisor: Dr Miss RH Patel.
8. Mr VR Sevani, Supervisor: Dr Miss RH Patel.

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	02	-	-
2011-12	-	-	01
2012-13	-	-	05
2013-14	01	-	03
2014-15	01	01	03
Total	04	01	12

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2011-12	Ms Twisampati Arunava Bhandari	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2012-13	Mr Bharkumar Chunilal Prajapati Mr Chandreshkumar Tulsibhai Limbasiya		
3	2013-14	Mr Abhijnan Asiskumar Chowadhuri		
4	2014-15	Mr Siddhant Hitesh Pathak		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

After the discussion in D-IQAC (Department level IQAC committee) and board of studies meeting.

42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how
- a) does the department utilize the feedback? **Yes, all the faculties are involved.**
 - b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **Yes, analysing the feedback forms obtained from the students**
 - c) alumni and employers on the programmes offered and how does the department utilize the feedback? **Suggestions obtained from alumni and**



employers are taken into consideration during the revision of the syllabi in board of studies meetings, during the allocation of project work to the MSc students.

43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered	Year of Passing
Dr Chetan Panchal	Engineering Manager, First Solar Company, Malaysia.	MSc Materials Science	2003
Dr Bharat K Patel	Proprietor, Kanha Industries, Baroda	MSc Materials Science	2008
Dr Jignesh Panchal	Assistant Manager	MSc Materials Science	2003
Dr Hiren Bhatt	Associate Professor, GAU, Anand	MSc Materials Science	1995
Dr Ashish Warriar	UK	MSc Materials Science	2004
Dr Hitesh B Patel	R & D officer, GNFC	PhD Materials Science	2009
Dr Jignesh Valand	Research Associate, UK	MSc Materials Science	2005
Dr Mayanak D Shah	Assistant Manager	PhD Materials Science	2015
Dr Ashvin D Patel	Principal, CHARUSAT Engg. college, Changa	MSc Materials Science	2011
Dr Harshad Patel	Assistant Professor	MSc Materials Science	2010

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.

Sr. No.	Name & Address of the experts/ eminent persons invited	Topics/Subject of Lectures delivered	Date of Lectures arranged
1.	Dr HC Bajaj, MS University, Vadodara	Carbon Nanomaterials	30/09/2011 (1 Lect.)
2.	Dr PM Raole, IPR, Gandhinagar	Materials Characterization Technician	30/09/2011 (1 Lect.)



Sr. No.	Name & Address of the experts/eminant persons invited	Topics/Subject of Lectures delivered	Date of Lectures arranged
3.	Mr JK Das, Naskar & Co. Hawarh (West Bengal)	Furness Materials & Construction	18/10/2011 & 19/10/2011 (2 Lects.)
4.	Dr M Singh	Materials for sustainable socitey	19/02/2013
5.	Dr Arvind Saxena	Preparation of new self curing SIC precursor and its applications	19/02/2013
6.	Dr Ing Paolo Colombo	Porous Ceramics and Advanced Ceramic Components	19/02/2013
7.	Dr Hasan Mandal	New development in Sialon Ceramics	19/02/2013
8.	Dr VK Rattan, Dean, Engineering Faculty, Panjab University, Chandigadh.	Eco Friendly Low Cost Adsorbents from Industrial Wastes	16/08/2013 (1 Lects.)
9.	Dr RB Mathur, Scientist G, NPL, Head Division of Physics & Engineering, New Delhi	Quest for Green Energy - CSIR Initiatives	03/10/2013 (1 Lects.)
10.	Prof Walter Krenkel, University of Bayreuth, Germmany	Carbon/Carbon Composites for Tribo Application	17/01/2013 (1 Lect.)

45. List the teaching methods adopted by the faculty for different programmes.

Innovative teaching methods include classroom quizzes, discussion, assignments, computer / multi-media aided learning seminar presentations, small projects, report writings, interviewing people, preparing PPTs, invited guest lectures, and arranging study tours.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Regular assessment system like Quiz, seminar, internal test, projects and external test are used for the monitoring of the programme objective and learning outcomes.

Every year few of the MSc students clear GATE examination.

Majority of the students are absorbed in different industries.

47. Highlight the participation of students and faculty in extension activities.

- **Research students go to different Government schools to teach science subject to the students.**
- **Community Science Centre activities**
- **Youth festival organized by university**



48. Give details of “beyond syllabus scholarly activities” of the department.
- **Department organizes quiz competition.**
 - **Seminar topics selected by the students are out of the syllabus.**
 - **Interested students go for industrial training in vacation.**
 - **Industrial visit is organized for the student.**
49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **Nil**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Industrial problems are solved. Industrial testing of industrial products like analysis by UTM, SEM, UV, etc. is carried out. Involved in national level projects work.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Availability of Sophisticated instruments for innovative research. • Providing laboratory facilities to the engineering students for their project works. • MSc and research students are trained to build up challenging leadership.
Weaknesses
<ul style="list-style-type: none"> • Vacancies in teaching and support staff due to pending clearance from Government. • Importance of the interdisciplinary aspects of science in different fields among students and parents is lacking.
Opportunities
<ul style="list-style-type: none"> • Students have ample scopes to get admission in higher studies, getting job in different departments of various industries.
Challenges
<ul style="list-style-type: none"> • To convince the students, parents about the importance of interdisciplinary aspects of materials science. • Lack of faculty members, thereby to maintain the standard of teaching and research.

52. Future plans of the department.

To produce highly qualified students with an ability to adopt and progress in the rapidly advancing fields with scientific approaches.



6. DEPARTMENT OF MATHEMATICS

- Name of the Department: **Mathematics**
- Year of the Establishment: **1958**
- Is the Department part of a School/Faculty of the university?
Yes. Faculty of Science.
- Names of programmes offered: **MSc, MPhil & PhD.**
- Interdisciplinary programmes and departments involved: **Nil**
- Courses in collaboration with other universities, industries, foreign institutions, etc. : **NA**
- Details of programmes discontinued, if any, with reasons: **NA**
- Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
- Participation of the department in the courses offered by other departments.
MCA , CISST
- Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	03
Associate Professor	02	02	03
Assistant Professor	08	07	03
Others	-	-	-

- Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
AB Patel	MA, PhD	Professor, Head	Functional Analysis, Operator Theory	30	MPhil :03 PhD :01
AH Hasmani	MSc, PhD, UGC-CSIR-JRF	Professor	General Relativity, Algebraic Computations in GR, Differential Equations	24	MPhil : 04 PhD : 02



Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
HV Dedania	MSc, PhD	Professor	Harmonic Analysis, Banach Algebras, Financial Mathematics	18	MPhil : 05 PhD : 01
GB Deheri	MSc, PhD	Asso. Prof.	Tribology (Lubrication Theory), Sequence Spaces	30	MPhil : 04 PhD : 05
DJ Karia	MSc, MPhil, PhD, UGC-CSIR-JRF	Asso. Prof.	Banach and Topological Algebras	25	MPhil : 02
HS Mehta	MSc, PhD, UGC-CSIR-JRF	Asso. Prof.	Function Algebras, Function Spaces, Graph Theory	24	MPhil : 03
PA Dabhi	MSc, PhD, UGC-CSIR-JRF	Asstt. Prof.	Harmonic Analysis, Banach Algebras, Functional Analysis	-	MPhil : 01
SJ Ghevariya	MSc, MPhil, PhD, UGC-CSIR-JRF	Asstt. Prof.	Analysis, Financial Mathematics	-	-
JM Patel	MSc, UGC-CSIR-JRF	Asstt. Prof.	Functional Analysis	-	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of Fellows/Faculty, Emeritus Professors	Designation	Department/University/Institution	Year of Visit
SJ Bhatt	Emeritus Professor	Department of Mathematics, SPU	2014-16
AA Shaikh	Visiting Fellow UGC-SAP-DRS (II)	Department of Mathematics, University of Burdwan, Burdwan	26/12/2011 to 04/01/2012

13. Percentage of classes taken by temporary faculty – programme-wise information:
NA



14. Programme-wise Student Teacher Ratio:

Programme	Years	Ratio
MSc	2010-11	164/10 16.4
	2011-12	188/9 20.8
	2012-13	177/9 19.6
	2013-14	216/9 24:1
	2014-15	285/9 31:1
MPhil	2010-11	12
	2011-12	04
	2012-13	06
	2013-14	05
	2014-15	03
	2015-16	06

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	-	-	-
Administration	-	-	02+04 (contractual)

16. Research thrust areas as recognized by major funding agencies **SAP-II (01-04-2009 to 31-03-2014) : Analysis, Geometry and Applications ,SAP-III (01-04-2015 to 01-04-2020): Analysis**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: **Nil**

18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Name of Project	Funded by	Total Grant Received	Year
DST-FIST	DST	-	-
UGC-SAP-DRS (Phase-II)	UGC	59.75 lakh	Apr 2009 to Mar 2014
UGC-SAP-DRS (Phase-III)	UGC	116.00 lakh	Apr 2015 to Mar 2020



20. Research facility/centre with State, National and International Recognition:

Research Facility	State/National/International Recognition	Year
Regional Library in Mathematics (Western Region)	National Board for Higher Mathematics, Department of Atomic Energy, GoI	Since 2001

21. Special research laboratories sponsored by/created by industry or corporate bodies: Nil

22. Publications:

(a) Number of papers published in peer reviewed journals (national/ international)

Year	Number of Papers Published	National	International
2010-11	07	00	07
2011-12	04	02	02
2012-13	15	04	11
2013-14	10	04	06
2014-15	00	00	00
Total	36	10	26

(b) Monographs: Nil

(c) Chapters in Books: Nil

(d) Edited Books: Nil

(e) Books with ISBN with details of publishers: 07

(f) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil

(g) Citation Index – range/average: Nil

(h) SNIP: Nil

(i) SJR: Nil

(j) Impact Factor – range/average: Nil

(k) h-index:

Sr No.	Name	h-index	
		Over All	Since 2011
1	A B Patel	03	02
2	A H Hasmani	03	03
3	H V Dedania	06	04
4	D J Karia	04	02
5	P A Dabhi	03	03

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated: Nil



25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad

Name of Faculty	Year of Visit	Laboratories / institutions/industries	
		National	International
H V Dedania	2012	-	EPSRC-DST scoping meeting in Applied Mathematics
A H Hasmani	2014	Department of Mathematics, University of Burdwan, Burdwan.	-

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Name of Faculty	Committee Name	National/International/Editorial Board	Year of Joining
S J Bhatt	Library Committee	National Board for Higher Mathematics, Department of Atomic Energy	-
SJ Bhatt	Advisory Committee (UGC Nominee)	UGC nominated Member, Advisory Committee for UGC-SAP to Department of Mathematics, Indian Institute of Sciences, Bangalore	2006-2011
SJ Bhatt	Editorial Board	Journal: Mathematics Today	Since
SJ Bhatt	Advisory Committee	Journal: Mathematics Student (Indian Mathematical Society)	Since
AB Patel	Editorial Board	Journal: Mathematics Today	2015
AH Hasmani	Editorial Board	Journal: Mathematics Today	2015
AH Hasmani	Member	Preparation of Fundamental Glossary of Mathematics (English-Hindi-Gujarati) by Commission for Scientific and Technical Terminology, MHRD, Government of India, New Delhi.	Since 2013
PA Dabhi	Member	Preparation of Fundamental Glossary of Mathematics (English-Hindi-Gujarati) by Commission for Scientific and Technical Terminology, MHRD, GoI, New Delhi.	Since 2013



Name of Faculty	Committee Name	National/International/Editorial Board	Year of Joining
DJ Karia	Library Committee	National Board for Higher Mathematics, Department of Atomic Energy	-

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: **7**
- percentage of students doing projects in collaboration with other universities/industry/institute: **Nil**

29. Awards/recognitions received at the national and international level by

- Faculty:**

Name of Faculty	Awards/Recognitions Given by	Year
SJ Bhatt	Indian Mathematical Society (Hans Raj Gupta Award)	2010
GM Deheri	Saurashtra Univerasity (Dolarrai Mankad Award)	2010
SJ Bhatt	Gujarat Ganit Mandal (A.R. Rao Research Award)	2014

- Doctoral / post doctoral fellows:**

Name of Doc/Post Doc.	Awards/Recognitions Given by	Year
Mhaveer Shekhavat (Research Scholar)	Awarded the 3 rd Prize for the presentation of Research at ISSRCM held at Sardar Patel University.	2011
Bhavyata Patel (Research Scholar)	presented a paper (Postar) in Gujarat Science Congress held at CHARUSAT, Changa; this poster was awarded a prize.	2013



- **Students:**

Name of Student	Awards/Recognitions Given by	Year
Asmabanu Rajavada (MPhil)	Maulana Azad National Fellowship by the University Grants Commission.	2011
Nilesh Sonara (MPhil)	Rajiv Gandhi National Fellowship by the University Grants Commission.	2011
Mr Vatsal Mer	1 st Prize Minaxi Lalit Science (Gujarat Science Congress)	2014
Dixa Trivedi	2 nd prize Minaxi Lalit Science (Gujarat Science Congress)	2014
Ajay Patani	1 st Prize Minaxi Lalit Science (Gujarat Science Congress)	2011.
Asmabanu Rajawada (MSc)	UGC Rank Holder Fellowship by the University Grants Commission.	2010
Zankhana Mali	Awarded National Fellowship for Students of Other Backward Classes (OBC) to pursue MPhil Degree	2015

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-13.pdf

31. Code of ethics for research followed by the departments.

As per the University guidelines framed from time to time.

32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MSc					
2010-11	142	53	40	33	67
2011-12	231	57	60	-	-
2012-13	156	50	68	48	52
2013-14	387	71	98	38	62
2014-15	250	-	-	45	55



33. Diversity of students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MSc	47.03	51.92	0.88	0.17
MPhil	95.00	05.00	0	0
PhD	90.91	09.09	0	0

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Year	Number of Students	NET	SET	GATE	Others
2010-11	06	06	-	-	-
2011-12	08	04	-	04	-
2012-13	03	03	-	-	
2013-14	05	01	01	02	01 (NBHM)
2014-15	06	06	-	-	-

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	08
PG to PhD	01

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	38
from other universities within the State	50
from universities from other States	12
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period: **1 faculty had been awarded for PhD.**



38. Present details of departmental infrastructural facilities with regard to

a) Library: **NBHM Regional Library (around 8,000 Books and 50 Journals with back volumes)**

1. NBHM/SAP

Year of Development	No. of Books Programme wise		Fund/Budget allotted in specific year	
	NBHM	SAP	NBHM	SAP
2010-11	387	133	8.27	4.00
2011-12	208	237	4.48	4.00
2012-13	146	99	5.00	4.00
2013-14	158	77	5.47	4.00
2014-15	325	-	1.20	-

2. UGC

Year	Number of Books/Journals	Amount (in ₹)
2010-11	45/0	48,972
2011-12	328/0	10,12,544
2012-13	350/0	4,00,000
2013-14	253/0	8,63,479
2014-15	180/1	4,25,558

b) Internet facilities for staff and students:

- Each the faculty and office staff is provided desktop computer with printer along with internet connection with an access to InflibNet resources.

Each Full-Time PhD student is provided desktop computer with internet connection with an access to InflibNet resources; also a sharing printer is provided.

- For MPhil Students separate computer facility with internet connection is created in the library.
- For MSc students a Cyber Room is created where they can have internet access.
- Over and above students and staff can avail internet facility on their Laptop computers using WiFi from the Bhaikaka Library.

c) Total number of class rooms: **05**

d) Class rooms with ICT facility: **All the class rooms, seminar room and Assembly Hall are fitted with Multimedia projectors and LAN connection for internet access. One class room and a seminar room has interactive board also.**

e) Students' laboratories: **02**

f) Research laboratories: **Nil**



39. List of doctoral, post-doctoral students and Research Associates :

a) from the host institution/university

Doctoral students

2011-12

1. Shaker Al-Zouraiqi, Suervisor: Patel AB and Bhatt SJ

2012-13

2. Adnan K. Al-Salihi, Suervisor: Hasmani AH

2013-14

3. ND Abhangi, Suervisor: Deheri GB

2014-15

4. Snehal Shukla, Suervisor: Deheri GB

5. Mukesh Shimpi, Suervisor: Deheri GB

6. Sanjay Ghevariya, Suervisor: Dedania HV

7. VG Khambholja, Suervisor: Hasmani AH

b) from other institution/university

Student Name	Year of Completion	Doctoral, Post-Doctoral and Research Ass.
Shaker Al-Zouraiqi	2011	PhD
Adnan K Al-Salihi	2013	PhD

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	05	05	12
2011-12	05	01	04
2012-13	03	02	17
2013-14	05	09	35
2014-15	02	09	45
Total	20	26	113

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	-	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Mr Manish Kumar Pandey		
3	2012-13	Mr Chetnsinh Chhatrasinh Bharpoda		
4	2013-14	Ms Zankhna Jagdishchandra Mali		
5	2014-15	Ms MitaliPankajsinhSolanky		



41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Whenever the new programmes and new courses are to be introduced the issues are discussed in the departmental meetings as well as meetings of the faculty in small groups.

42. a. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes,
- how does the department utilize the feedback? **The faculty gives informal feedback on the content and implementation of the courses offered which is used for the further revision/modification of the course.**
 - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **The informer feedback from the students is communicated to faculty members for the improvement.**
 - alumni and employers on the programmes offered and how does the department utilize the feedback? **The feedback obtained is discussed among the faculty and also in the Board of Studies.**
43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered	Year of Passing
VD Pathak	Ex-Pro Vice-Chancellor, Ex-Dean, Faculty of Technology and Ex-Head, Department of Applied Mathematics, Faculty of Technology, The MS University of Baroda, Vadodara	PhD	-
Naresh Dadhich	Ex-Director, Inter University Centre for Astronomy and Astrophysics, Pune	MSc	-
Shaker Al-Zouraiqi	Dy. Vice-Chancellor, Al-Baidah University, Yemen	PhD	2010
SK Vaidya	Professor, Department of Mathematics, Saurashtra University, Rajkot	MSc	-
HC Patel	Professor, Department of Mathematics, L.D. College of Engineering and Former In Charge Registrar, Gujarat University, Ahmedabad	MSc	-
NY Patel	Head, Department of Mathematics, VP and RPTP Science College, Vallabh Vidyanagar	MSc	-
BP Patel	Head, Department of Mathematics, NV Patel College of Pure and Applied Science, Vallabh Vidyanagar	MSc	-



Name of Alumni	Present Profession	Programme Offered	Year of Passing
DH Patel	Head, Department of Mathematics, MB Patel Science College, Anand	MSc	-
VR Shah	Head, Department of Mathematics and Humanities, GH Patel College of Engineering and Technology, Vallabh Vidyanagar	MSc	-
DJ Prajapati	Head, Department of Mathematics, MB Institute of Information and Communication Technology, Vallabh Vidyanagar	MSc	-

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-11.pdf

45. List the teaching methods adopted by the faculty for different programmes.
- **Usual Black-board method. In some of the class rooms an innovative idea of sliding boards useful for long mathematical derivation has been introduced.**
 - **Computer aided projection to replace the black-board which provides better legibility and enhances the presentation by incorporating graphics.**
 - **Some of the faculty members have prepared Lecture Note which is given in advance, students come prepared with the topics during lectures the topics are discussed in further details.**
 - **Problem solving is an essential tool for learning mathematics. The department has introduced courses on Problem Solving and exercises in Mathematics at MSc and MPhil level; in teaching of these courses more than one teacher are involved.**
 - **The department has introduced courses on Mathematics Education which is aimed at preparing students for teaching mathematics. In this course students are encouraged to prepare seminars using internet resources and computer aided presentation.**
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? **Departmental Committee & Feedback from the peers (SAP Advisory Committee, Visitors)**
47. Highlight the participation of students and faculty in extension activities.
Sky gazing, National Level Test Centre and AR Rao Talent Search Test.
48. Give details of “beyond syllabus scholarly activities” of the department.
Vacation Training.



49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **Nil**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. **Nil**
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Strong teaching program covering courses from Pure Mathematics, Applied Mathematics and Applicable Mathematics. • Commitment of the teachers for serious research and teaching. • Good library and computational facilities. • Number of Students seeking admission from other universities is very large.
Weaknesses
<ul style="list-style-type: none"> • Vacant faculty position due to pending clearance from Government.
Opportunities
<ul style="list-style-type: none"> • To develop new teaching programs in the field of Computational Mathematics.
Challenges
<ul style="list-style-type: none"> • Teacher vs Student ratio becoming very small makes it difficult to address individual student.

52. Future plans of the department.

The department may like to start the following programmes for training men power:

Advanced certificate courses:

- **Advanced certificate course in Problem Solving in Mathematics for motivated and talented students to train them for a career in Higher Mathematics at research level by clearing National tests like CSIR-NET-JRF, NBHM, JEST, GATE etc.**
- **A certificate course in Mathematics Education for Mathematics teachers/would be Mathematics Teachers at high schools and colleges levels to train them in problem posing and problem solving in school/college level mathematics as well as in cultural aspects of development and practice of mathematics.**
- **Advanced certificate course in Mathematical Software.**

Summer Research Fellowship:

- **The department aims to introduce a summer/vacation research fellowship programme for motivated BSc/MSc students to give them on hand research exposure by working an appropriate short term research project.**
- **The department would like to actively get involved in national mathematics training programmes being organized by NBHM. This includes programmes like Annual Foundation Schools, Advance**



Training in Mathematics Schools and Mathematics Training and Talent Search Programmes.

Visitors Programmes:

- The faculty of the department have individually developed collaborative research with mathematicians from abroad as well as scientist from national institutes. This has resulted in joint publications. To strengthen collaborative research further, the department would like to develop a strong visitor's programme inviting mathematicians for short term/ long term visits. Besides collaborative research the programme would include lecture series by the visitors.

Annual Bhatnagar Awardee Seminars:

- This is a unique proposal by department. Bhatnagar awards awarded by CSIR are most prestigious scientific award recognizing research of highest standard. With a view to percolate the mathematical research of Bhatnagar Awardees to a motivated wider group of young mathematicians drawn from through out India, the department intends to install annual Bhatnagar Awardees seminar in mathematics inviting the Bhatnagar awardees to conduct these seminars. Their lectures would be preceded by workshops aimed at preparing the audience at the appropriate level for a meaningful exposure to Bhatnagar awardees lectures.

Problem Solving Workshops:

- Since the inception of the SAP-I, the department has been regularly organizing annual problem solving workshop for students preparing for a career in higher mathematics. The department would like to continue this activity. This will be to 10 to 15 days workshops for MSc students drawn from western India to train them in mathematical problem solving. In fact the department has created an e-platform ugcmathnet@yahoo.com (being coordinated by Dr DJ Karia) for discussion of mathematical problems involving students preparing for NET-JRF/NBHM tests. The department has designed a booklet on Problem Solving in Mathematics, which is electronically supplied to all applicants of the workshop. The department would like to further strengthen this activity.

Promotion of Interdisciplinary Research:

- The department would organize conferences in thrust areas as usual. Besides this the department envisages to organize discussion meetings on various inter disciplinary areas involving mathematics and sciences. This could include topics like nonlinear dynamics and biology, quantum theory and non-commutative geometry, mathematical modelling in defence science, mathematics and finance, computational aspects in gravitational theories, quantum computing. The objective is to contribute to the development of inter disciplinary research.



7. DEPARTMENT OF PHYSICS

- Name of the Department: **Physics**
- Year of the Establishment: **1958**
- Is the Department part of a School/Faculty of the university?
Yes. Faculty of Science.
- Names of programmes offered: **MSc, MPhil & PhD.**
- Interdisciplinary programmes and departments involved: **CISST.**
- Courses in collaboration with other universities, industries, foreign institutions, etc. : **Nil**
- Details of programmes discontinued, if any, with reasons. **Nil**
- Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
- Participation of the department in the courses offered by other departments.
Some of the faculty members (Prof PC Vinod Kumar, Prof GK Solanki & Prof SH Chaki) are involved in sharing the teaching workload of other department.
- Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	05	-	09
Associate Professor	07	06	-
Assistant Professor	04	04	01
Others	-	-	-

- Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Prof UH Patel	MSc, PhD	Professor	Condensed Matter Physics (X-Ray Crystallography)	29	PhD : 01 MPhil : 06
Prof PK Garg	MSc, PhD	Professor	Crystal Growth & Characterization	34	-



Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Prof PC Vinodkumar	MSc, PhD	Professor	Theoretical (Hadron Physics)	26	PhD : 04 MPhil : 05
Prof VM Pathak	MSc, PhD	Professor	Condensed Matter Physics (Thin Film & Semi-conductor Devices)	27	PhD : 04 MPhil : 03
Prof MP Deshpande	MSc, PhD	Professor	Condensed Matter Physics (Crystal Growth & Characterization)	25	PhD : 06 MPhil : 04
Prof BY Thakore	MSc, PhD	Professor	Condensed Matter Theory	24	PhD : 03 MPhil : 03
Prof KD Patel	MSc, PhD	Professor	Condensed Matter Physics (Thin Film & Semi-conductor Devices)	23	PhD : 04 MPhil : 03
Prof GK Solanki	MSc, PhD	Professor	Condensed Matter Physics (Crystal Growth & Characterization)	22	PhD : 05 MPhil : 03
Prof SH Chaki	MSc, PhD	Professor	Condensed Matter Physics (Crystal Growth & Characterization)	24	PhD : 03 MPhil : 05
Dr NK Bhatt	MSc, PhD	Assistant Professor	Condensed Matter Theory	08	PhD : 01 MPhil : 03

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Visiting fellows / Guest faculty invited for delivering lectures

Sr. No.	Name of Guest Faculty	Dates of visit	Title of lecture/s delivered	Name of Scheme under which guest was invited
1	Dr Manoj Komath	10/02/2010	Biomedical Technology	Shri IA Patel (Shertha) visiting professor/fellow programme
2	Prof LP Deshmukh	16/02/2010	Advances in Thin film Technology	Shri IA Patel (Shertha) visiting professor/fellow programme



Sr. No.	Name of Guest Faculty	Dates of visit	Title of lecture/s delivered	Name of Scheme under which guest was invited
3	Prof Ashok Das	18/12/2010	Quantum Mechanical Description of Pseudohermitian Hamiltonians	Shri IA Patel (Shertha) visiting professor/fellow programme
4	Dr Anil Bhardwaj	06/01/2011	The Solar System and Science from the Chandrayaan-1 Mission	Shri IA Patel (Shertha) visiting professor/fellow programme
5	Dr Alexander Kluge	25/01/2011	Electronics at the Large Hadron Collider experiment	Shri IA Patel (Shertha) visiting professor/fellow programme
6	Prof SVG Menon	04/02/2011 05/02/2011	1.State of Matter at Extreme Conditions 2.Phase Transitions and Critical Phenomena	Shri IA Patel (Shertha) visiting professor/fellow programme
7	Dr SK Basu	08/11/2011	Oceanographic Physics-studies in modelling	Shri IA Patel (Shertha) visiting professor/fellow programme
8	Prof AD Yadav	24/01/2012	Synthesis of surface/buried layers by ion implantation for semiconductor devices	Shri IA Patel (Shertha) visiting professor/fellow programme
9	Prof SV Kumar	22/10/2012	What has low energy electrons to do with radiation therapy?	Shri IA Patel (Shertha) visiting professor/fellow programme
10	Prof Rajaraman Ganesh	29/12/2012	Plasma physics at IPR : Research, Application and scope	Shri IA Patel (Shertha) visiting professor/fellow programme
11	Prof Ratan Sing Bisht	29/12/2012	Electro-optical payload development for remote sensing at space application centre	Shri IA Patel (Shertha) visiting professor/fellow programme
12	Prof E Arunan	26/11/2013	Molecular beam microwave Spectroscopy: understanding hydrogen bonding and defining carbon bonding	Shri IA Patel (Shertha) visiting professor/fellow programme
13	Dr T Shripathi	03/03/2014 04/03/2014	1.X-Ray Photoelectron Spectroscopy in	Shri IA Patel (Shertha) visiting



Sr. No.	Name of Guest Faculty	Dates of visit	Title of lecture/s delivered	Name of Scheme under which guest was invited
			Research 2.Elementry introduction to X-Ray Photoelectron Spectroscopy	professor/fellow programme
14	Dr E Suresh	03/03/2014	X-Ray Crystallography	Shri IA Patel (Shertha) visiting professor/fellow programme
15.	Prof Velmurgan	07- 09/03/2014	Small molecule to protein Crystallography	UGC Exchange Prog.

13. Percentage of classes taken by temporary faculty – programme-wise information:
Nil

14. Programme-wise Student Teacher Ratio:

Programme	Years	Ratio
MSc	2010-11	13:1
	2011-12	15:1
	2012-13	22:1
	2013-14	23:1
	2014-15	22:1
MPhil	2010-11	1.25:1
	2011-12	1:1
	2012-13	1.3:1
	2013-14	0.6:1
	2014-15	1.2:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	07	05	05
Administration	07	07	04+02 (contractual)

16. Research thrust areas as recognized by major funding agencies: **Condensed Matter Physics.**



17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Sr. No	Name of Investigator/s	Title of project	Funding agency	Amount Sanctioned	Month and Year of sanction	Month and year of receipt of the first instalment
1	Dr NK Bhatt (PI)/ Prof AR Jani (CI)	“Vibrational response and phase transition in certain non-simple metals and alloys covering wide range of densities ”	UGC, New Delhi	₹ 9,76,800 Sanctioned: ₹6,82,800 F. No. 42-771/2013(SR)	14/03/2013	Mar-2013
2	Prof MP Deshpande	Synthesis and characterization of V ₂ - VI ₃ compound in single crystal/nanomaterial/thin film forms	UGC, New Delhi	₹ 11,16,800 Sanctioned letter F. No. 42-826/2013(SR)	22/03/2013	Mar-2013
3	Dr NK Bhatt(CI)	Theoretical Modelling for Aerosol Retrieval over land from Nemo-AM observations	SAC, ISRO, Ahmed abad	₹ 8,80,000 Sanctioned letter SAC/EPSA/B PSG/ EHD/TDP-R&D/WP/2015/1	05/08/2015	Aug-2015



18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration

a) National collaboration : **DAE/BRNS, ISRO (refer the table shown below)**

b) International collaboration :

Sr. No.	Name of Investigators	Title of project	Funding agency	Amount Sanctioned	Month and Year of sanction	Month and year of receipt of the first installment
1	SH Chaki/ MP Deshpande Co- Collaborator Dr Manmeet Kaur	Synthesis and characterization of Tin monosulphide thin films, nanoparticles and single crystals for optoelectronic devices	DAE- BRNS	₹24,49,000 Sanctioned letter No. 2010/34/34 /BRNS with ATC, BRNS	13/12/2010	Dec-2010
2	MP Deshpande / AR Jani Co- Collaborator Dr Rekha Rao	Raman Spectroscopy and Resistivity studies of semiconductors under pressure	DAE- BRNS	₹24,61,250 Sanctioned letter No. 2010/34/39 /BRNS with ATC, BRNS	06/01/2011	Jan-2011

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Name of Project	Funded by	Total Grant Received	Year
DST/FIST	DST New Delhi	₹ 1,35,00,000 SR/FIST/105/2006 dated 20/12/2006	2006-2011
DSA/SAP	UGC New Delhi	₹ 88,10,000 F. 530/1/DSA/2012 (SAP-I) dated 30/03/2012	2012-2017

20. Research facility/centre with State, National and International Recognition : **UGC DRS-SAP, DSA-I, DST-FIST-I**
21. Special research laboratories sponsored by/created by industry or corporate bodies: **Nil**



22. Publications:

- a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Papers Published	National	International
2010-11	24	00	24
2011-12	38	09	29
2012-13	71	01	70
2013-14	59	02	57
2014-15	16	02	14
Total	208	14	194

- b) Monographs: **01**
 c) Chapters in Books: **Nil**
 d) Edited Books: **Nil**
 e) Books with ISBN with details of publishers: **Nil**
 f) Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): **Nil**
 g) Citation Index – range/average: **Nil**
 h) SNIP: **Nil**
 i) SJR: **Nil**
 j) Impact Factor – range/average: **Nil**
 k) h-index: **Range 04-12**

	Citation	h-index
Prof UH Patel	84	05
Prof PC Vinodkumar	424	12
Prof VM Pathak	128	06
Prof MP Deshpande	228	07
Prof BY Thakore	84	05
Prof KD Patel	76	04
Prof GK Solanki	93	06
Prof SH Chaki	224	05
Dr NK Bhatt	44	04

23. Details of patents and income generated: **Nil**



24. Areas of consultancy and income generated Technical advice provided for various electronic and Renewable energy Based Projects.

Sr. No	Area of consultancy	Consultancy Charge					Total Consultancy Charge (₹)
		Year 2010-11	Year 2011-12	Year 2012-13	Year 2013-14	Year 2014-15	
01	Technical advice provided for various electronics and renewable energy based projects	43,420	52,200	30,100	67,600	26,000	2,19,320
02	Performance analysis of small and large scale wind mills with wind velocity	3,000	-	-	-	-	3,000
03	XRD Analysis	-	900	-	1,800	-	2,700
Total : 2,25,020							

25. Faculty selected nationally/internationally to visit other laboratories/ institutions/industries in India and abroad: **Nil.**

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify):
Nil.

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL:
www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf

28. Student projects:

- percentage of students who have done in-house projects including inter-departmental projects: **100 [MSc Final students]**
- percentage of students doing projects in collaboration with other universities/industry/institute: **Nil.**



29. Awards/recognitions received at the national and international level by

- Doctoral Fellows

Sr. No.	Name of Faculty member	Title of Award	Year of Award	Purpose of Award	Name of Awarding body	National/ International
Jul 2010- Jun 2011						
1	RA Barot	“Synthesis, characterization and biological activity of third polymorph of Sulfamerazine and its transition metal complexes”	Feb 2011	Seminar best paper presentation competition	National conference on “Recent Trends in Theoretical and Experimental Physics NCRTEP-2011” on Feb. at VP & RPTP Science college, Vallabh Vidyanagar.	National
2	Shyam Khambholja	High pressure structural phase transition in Cdo	18-19 Feb 2011	Oral	National conference on “Recent Trends in Theoretical and Experimental Physics NCRTEP-2011 at VP& RPTP Science college, Vallabh Vidyanagar.	National
3	Nitya Garg	CdSe nanoparticles synthesized by chemical route and their characterization (poster)	Jan.-2011	Seminar best paper presentation competition	One day Seminar on “Innovations in Collegiate Science Education and Research” held at VP & RPTP Science college, VV Nagar on 8 th Jan 2011.	National



Sr. No.	Name of Faculty member	Title of Award	Year of Award	Purpose of Award	Name of Awarding body	National/ International
4	SV Bhatt	Second prize in paper presentation for paper on “Chemical Synthesis and characterization of Lead Sulfide (PbS) nanoparticles and nanocrystalline thin films” (oral)	Jan 2011	Seminar best paper presentation competition	One day Seminar on “Innovations in Collegiate Science Education and Research” held at VP&RPTP Science college, VV Nagar on 8 th Jan 2011.	National
5	NN Pandya	One of the best poster on “Synthesis of ZnS nanoparticles by Inverse Micellar method and its characterization”	Feb 2011	Seminar best paper presentation competition	State level Seminar on Condensed Matter Physics with Nano-Science Flavours, organized by Department of Physics, Sardar Patel University on Feb 4 th , 2011.	National
Jul 2011- Jun 2012						
6	RA Barot	Molecular docking studies of few pyrrole derivatives	Jan 2012	Seminar best paper presentation competition	Two day symposium on INNOVATIONS IN SCIENCE-SPU RESEARCH SCHOLAR MEET (ISSPURSM-2012) 8-9 th JAN, 2012. SPU VV Nagar.	National



Sr. No.	Name of Faculty member	Title of Award	Year of Award	Purpose of Award	Name of Awarding body	National/ International
7	Pallavi Sakariya	Paper on “Characterization of Bi ₂ S ₃ nanorods prepared at room temperature” won third prize	Jan 2012	Seminar best paper presentation competition	symposium of innovations in science – SPU Research Scholars Meet (ISSPURSM – 2012), 8 th – 9 th Jan 2012, Sardar Patel University, Vallabh Vidyanagar. (oral)	National
8	NN Gosai	First rank in oral presentation of research paper on “ Growth of GeS _{0.25} Se _{0.75} single crystals and their evaluation as photoelectrochemical solar cell	Mar.- 2012	Seminar best paper presentation competition	Fifth national level science symposium on recent trends in science and technology, Christ college- Rajkot	National
9	Nilesh N Pandya	“Controlled synthesis through microwave heating and structural properties of ZnS nanoparticles”	3-5 Mar 2012	Seminar best paper presentation competition	3rd National Conference on Condensed Matter and Materials Physics (CMMP-2012), Department of Physics, Sardar Patel University, Vallabh Vidyanagar, (Poster)	National
10	Shyam Khambholja	Melting curve of LiF	3-5 Mar 2012	Oral	3rd National Conference on Condensed Matter and Materials Physics (CMMP-	National



Sr. No.	Name of Faculty member	Title of Award	Year of Award	Purpose of Award	Name of Awarding body	National/ International
					2012), Department of Physics, Sardar Patel University, Vallabh Vidyanagar, (Poster)	
Jul 2012- Jun 2013						
11	SA Gandhi	Ab-initio, DFT calculations and Biological studies of crystal structure 1-[3- (2-benzyloxy-6- hydroxy-4- methyl- phenyl)-5- (3,4,5- trimethoxy- phenyl)-4, 5- dihydro- pyrazol-1-yl]- propane-1- one”	2013	Seminar best paper presentation competition	Gujarat Science Congress 2013, Charotar university of Science and Technology, (CHARUSAT) Changa – 388421	National
12	Pallavi Sakariya	Characterization of Bi ₂ S ₃ nanorods prepared at room temperature	Nov 2012	Seminar best paper presentation competition	Seminar on Preparation and characterization of crystalline and Non crystalline Solids (PCCNCS- 2012) on 2 nd Nov 2012 at MS University of Baroda, Baroda (won 2 nd prize in paper A)	National



Sr. No.	Name of Faculty member	Title of Award	Year of Award	Purpose of Award	Name of Awarding body	National/ International
13	KR Patel	Synthesis, characterization and application of silver nanoparticles.	Dec 2012	Seminar best paper presentation competition	One day seminar on current trends in research and application of physical science in Gujarat (CTRAPSG-2012) held in Department of Physics, Sardar Patel university, VV Nagar during 29 th Dec 2012 (Selected in best 3 poster presentation)	National
14	NN Gosai	Second rank in oral presentation of paper on “Structural and thermal properties of copper doped nano crystalline tin selenide”	Jan 2013	Seminar best paper presentation competition	Sixth national level symposium on recent trends in science and technology, Christ college-Rajkot	National
15	Dr J Gandhi & Mr SN Jha (Faculty)	Solar Power Plant (1.5KWh) with dual Axial Tracking system	Apr 2013	Certificate of Appreciation	Sardar Patel University, Vallabh Vidyanagar	---
Jul 2013- Jun 2014						
15	NK Bhatt	High-T Thermodynamics of GaN:A Comparative study using mean-field theory and	13-14 Sep 2013	1 st in Oral	National Conference on Novel Materials for Advanced Technology, NRI Institute	National



Sr. No.	Name of Faculty member	Title of Award	Year of Award	Purpose of Award	Name of Awarding body	National/ International
		quasiharmonic Debye model			of Research & Technology, Bhopal	
16	SM Tailor	“Solvates of 4-Amino-N-(5-methoxy-2-pyrimidinyl) benzenesulfonamide”	Nov 2013	Seminar best paper presentation competition	42 nd National Seminar on Crystallography” organized by AIIMS on Nov 21-23, 2013 at Jawaharlal Nehru University, New Delhi.	National
17	SA Gandhi	Crystal Structure, Ab-initio & DFT studies and antimicrobial activities of 3-(3-chloro-4,5-dimethoxy-phenyl)-1-(4,5-dimethoxy-2-methyl-phenyl)prop-2-en-1-one (Experimental and Theoretical approach)	Mar 2014	Seminar best paper presentation competition	UGC Sponsored One Day Seminar on Condensed Matter Phys& Short Term Training School on X-Ray Diffraction Techniques	National
18	SA Gandhi	Syntheses, Molecular structures, DFT and Biological studies of 1-(3-(2-(Benzyloxy)-6-hydroxy-4-methylphenyl)-5-(phenyl)-4,5-dihydro-1H-pyrazol-1-yl) propane-1-one	Mar 2014	Seminar best paper presentation competition	Presented orally at Department of Materiel Science on SPU Research Scholars Meet (ISSPURSM-2012) on 8-9th Jan 2012 organized by Sardar Patel University Vallabh	National



Sr. No.	Name of Faculty member	Title of Award	Year of Award	Purpose of Award	Name of Awarding body	National/ International
		and 1-(3-(2-(benzyloxy) -6-hydroxy-4-methylphenyl)-5-(3, 5-bis (trifluoromethyl) phenyl)-4, 5-dihydro-1H-pyrazol-1-yl)propan-1-one”			Vidyanagar.	
19	RH Joshi	Shock Hugoniot and High Pressure Melting Curve for NbC	31-Jan 1-Feb 2014	1 st in Oral	National Conference on Emerging trends in Engineering, Technology and Management (NCEETM-2014)” organized by Indus University, Ahmedabad, Gujarat	National
20	Sandip V Bhatt	“Effect of Composition, Pressure and temperature on the Raman A_{1g} mode in Tin mixed chalcogenide single crystals”	Feb 2014	Seminar best paper presentation competition	XXVIII Gujarat Science Congress 2014 held at Hemchandracharya North Gujarat University, Patan during 22-23 Feb 2014 (Won 3 rd Poster prize).	National
21	Sanjay M Tailor		21-23, Nov 2013	Best Research paper	International Workshop on Applications of X-ray Diffraction for Drug Design Jointly organized by	International



Sr. No.	Name of Faculty member	Title of Award	Year of Award	Purpose of Award	Name of Awarding body	National/ International
					Indian C A & INSA at New Delhi	
Jul 2014- Jun 2015						
22	Kinjal D Patel	Silver Complex of Sulfaphenazole Dihydrate: Synthesis, X-Ray crystal Structure and Quantum Calculation using Schrodinger Software.”	Sep 2014	Seminar best paper presentation competition	Poster presentation NSC-43B. Dept. of Physics, Sardar Patel university, v.v nagar, Anand.	National
23	Rajni H Joshi	A First Principles Phonon Dynamics of Cubic Boron Nitride	Jan 10, 2015	1 st in Poster	National conference Organized by University Grants Commission on “LATEST DEVELOPMENTS IN BASIC AND APPLIED SCIENCES” at MB Patel Science College, Anand (Gujarat)	National
24	N. K. Bhatt	Thermal Properties of Copper along SHhock Hugoniot	30-31 Jan 2015	1 st in Oral	2 nd Conference on Emerging Trends in Engineering, Technology & Management, Indus, during Indus Institute of Technology & Engineering,	National



Sr. No.	Name of Faculty member	Title of Award	Year of Award	Purpose of Award	Name of Awarding body	National/ International
					Rancharda, Ahmedabad	
25	Bhavin R. Chavda, Dineshchandra D. Upadhyay, Taruna Padariya	A comparative experimental investigations for transition metal complexes [Ag] ⁺ and [Cd, Ni] ⁺⁺ of 4-amino-n-(4-methylpyrimidin-2-yl)benzenesulfonamide”	Jan 2015	Seminar best paper presentation competition	Poster presented in UGC Sponsored National Conference on ‘Latest Developments in Basic and Applied Science’ on 10 th Jan, 2015 at MB Patel Science Collage, Anand.	National
26	Shreelatha Nair	Molecular docking and DFT studies of 4 -Amino-N-(6-methoxy-4-pyrimidinyl) benzenesulfonamide monohydrate (Sulfamonomethoxine Monohydrate)	Sep 2014	Seminar best paper presentation competition	Poster presentation NSC-43B. Dept. of physics, Sardar Patel University, VV Nagar, Anand	National
27	Rahul P. Dubey	SYNTHESIS, SPECTROSCOPIC CHARACTERIZATIONS, MOLECULAR STRUCTURE AND HIRSHFELD SURFACE ANALYSIS OF CADMIUM COMPLEX OF SULFATHIAZOLE	2015	Seminar best paper presentation competition	Presented in International Conference on recent trends in applied sciences: Building Institutional and Industrial Avenues”, 2015 at Shri AN Patel Postgraduate Institute, Anand.	International



Sr. No.	Name of Faculty member	Title of Award	Year of Award	Purpose of Award	Name of Awarding body	National/ International
28	Sandip V Bhatt	Thesis presentation award for the Ph. D. Thesis “ Raman spectroscopic investigations on transition metal dichalcogenide s single crystals at high pressure and low temperature	2014	Thesis presentation	Best oral presentation in research scholar meet for annual day function at IUC-DAE Indore	National
29	Sandip V Bhatt	Raman spectroscopic investigations on transition metal dichalcogenide s MX_2 (M=Mo, W and X=S, Se) at high pressure and low temperatures	2014	Seminar best paper presentation competition	National seminar on crystallography (NSC-43B) and national workshop on CADD, Department of Physics, Sardar Patel University.	National

- Students:

Sr. No.	Name of Student	Title of Award	Year of Award	Purpose of Award	Name of Awarding body	National/ International
1	Vanraj	PhD	2010-11		Institute of Physics, Bhuvneshwar	National
2	Joseph Joel George	First position in western vocal solo	2013-14	West Zone Youth festival	Shivaji University	National
3	Joseph Joel George	Second position in	2014-15	Inter collegiate Youth	Sardar Patel University	Regional



		western vocal solo		festival		
4	Anand Joshi	First Position Solo Instruments	2015-16	Inter collegiate Youth festival	Sardar Patel University	Regional

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Dates	Name of Seminar/Conference/Workshop	Source of Funding	Amt. of Fund (in ₹)	Participant Details
04/02/2011	State level Seminar on Condensed Matter Physics with Nano Science flavor-2011 (Physics Alumni Association and C. C. Patel Community Science Center, SPU)	C C Patel Community Science Center & Physics Alumina Association-SPU	35,500	70
02/03/2011	Astronomy Astrophysics & Planetary Space Science – an introductory seminar	CSC & PRL	50,000	100
07/07/2011	One day seminar on “Semiconductor Devices and Nano-Materials Characterization- A Technical Seminar”	Agilent Technologies, INDIA	-	55
11/09/2011	One day seminar on Nuclear Technology for Raising the Standard of Living	Media relation & Public Awareness section BARC, Mumbai	30,000	80
29/01/2012	Introductory Seminar on Astronomy, Astrophysics and our Earth	GUJCOST	75,000	56
3-5/03/2012	3rd National Conference on Condensed Mater and Materials Physics (CMMP-2012)	UGC, GUJCOST, CSIR, BRNS, MRSI	4,29,837	227



Dates	Name of Seminar/ Conference/Workshop	Source of Funding	Amt. of Fund (in ₹)	Participant Details
29/12/12	One day seminar on Current Trends in Research and applications of Physical Sciences (CTRAPSG-2012)	Physics Alumina Association	53,000	118
18- 20/03/2014	Training workshop on the Detector and Physics Simulation for PANDA (PANDATR2014)	DAE-BRNS	1,48,000	28
3- 8/03/2014	UGC Sponsored One Day Seminar on Condensed Matter Physics (CMP- 2014) & Short Term Training School on X-ray Diffraction Techniques	DSA-1 / UGC & Sponsored	4,50,000	180+20
1-3/09/ 2014	National Seminar on Crystallography (NSC 43B) and National Workshop on CADD	UGC, GUJCOST, INSA , IPR & Sponsored	10,00,000	103

31. Code of ethics for research followed by the departments :

- Duplication and repetition of research work is avoided.
- Thorough training to research students to become independent researcher.

32. Student progression:

Name of the Programme	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MSc					
2010-11	175	62	30	61	73
2011-12	291	63	43	48	74
2012-13	222	71	40	84	100
2013-14	434	69	46	81	72
2014-15	325	66	40	-	-
2015-16	349	50	63	-	-
MPhil					
2010-11	16	11	05	90	80
2011-12	18	01	03	100	100
2012-13	18	04	04	100	100
2013-14	23	05	01	100	100
2014-15	29	07	06	86	83
2015-16	48	09	01	-	-



33. Diversity of students:

Name of the Programme	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other Countries
MSc				
2010-11	8.69	89.13	2.13	-
2011-12	51.88	48.11	-	-
2012-13	33.33	66.66	-	-
2013-14	44.34	54.78	0.86	-
2014-15	44.33	51.88	2.83	0.94
2015-16	41.50	56.60	2.00	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Sr. No.	Year	Name of the examinations like UGC-NET, UGC-CSIR-NET, SLET, ATE, CAT, GRE, TOFEL, GMAT, Defense, Civil Services, other	No. of students appeared	No. of students qualified
1	2010-11	NET, GATE	-	03
2	2011-12	-	-	-
3	2012-13	NET	-	02
4	2013-14	-	-	-
5	2014-15	NET, SLET	-	02

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	-
PG to MPhil	10
PG to PhD	1 (MSc to PhD) 80 (MPhil to PhD)
Other than campus recruitment	100

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	67
from other universities within the State	22
from universities from other States	11
from universities outside the country	Nil

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period: Nil



38. Present details of departmental infrastructural facilities with regard to

- a) **Library: Books - more than 2,500, Five Journals at Department & other are available online through IFLIBNET.**

Year	Number of Books/Journals	Amount (in ₹)
2010-11	57/0	74,040
2011-12	68/0	2,14,722
2012-13	152/0	4,00,000
2013-14	-	-
2014-15	-	-

- b) Internet facilities for staff and students: **Yes**
 c) Total number of class rooms: **04**
 d) Class rooms with ICT facility: **04**
 e) Students' laboratories: **03**
 f) Research laboratories: **15**

39. List of doctoral, post-doctoral students and Research Associates :

- a) **from the host institution/university**

Doctoral students

2010-11

1. **Mitesh J Joshi, Supervisor: Prof BY Thakore**
2. **Dipika B Patel, Supervisor: Dr GK Solanki**

2011-12

3. **Harshit N Kothari, Supervisor: Prof KN Joshipura**
4. **Mr Hareesh S Patel, Supervisor: Prof VM Pathak**
5. **Ajay A Majethiya, Supervisor: Prof PC Vinodkumar**
6. **Pragna A Vadher, Supervisor: Prof PC Vinodkumar**
7. **Mr Shyam Khambholja, Supervisor: Prof BY Thakore**
8. **Mayurkumar M Patel, Supervisor: Prof KD Patel**
9. **Keyurkumar S Hingarajiya, Supervisor: Prof KD Patel**
10. **Mr Sandip R Unadkat, Supervisor: Prof GK Solanki**

2012-13

11. **Miss Bindiya H Soni, Supervisor: Prof MP Deshpande**
12. **Nitingiri N Gosai, Supervisor: GK Solanki**
13. **Mr Kiranbhai K Patel, Supervisor: KD Patel**
14. **Arpit S Parmar, Supervisor: PC Vinodkumar**

2013-14

15. **Yunus Gafur Mansur, Supervisor: GK Solanki**
16. **Ruchita R Patel, Supervisor: GK Solanki**

2014-15

17. **Amitkumar B Patel, Supervisor: NK Bhatt**
18. **Ateka Vohra, Supervisor: BY Thakore**
19. **Sahaj A Gandhi, Supervisor: Prof UH Patel**



20. Arwa Ahmed Salem Al Hattani, Supervisor: VM Pathak
21. Ebtessam Abdullah Eazzy Kadash, Supervisor: VM Pathak

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	01	02	13
2011-12	01	0	03
2012-13	0	01	07
2013-14	03	07	12
2014-15	03	05	13
Total	08	15	48

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2011-12	Mr.Ashokkumar Meghajibhai Ms. Rinaben Bhikhabhai Shetal	₹10,000	Kashiben and Gordhanbhai Patel Scholarship
2	2012-13	Ms. Avani Rameshbhai Parmar		
3	2013-14	Ms.Parul Ashok Gupta,		
4	2014-15	Mr.PiyushkumarPravinsinh Rajput		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **No new programme started**
42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how
- a) does the department utilize the feedback?
Yes, all the faculty members of the department are actively involved in curriculum development.
- b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Yes, suggestion regarding teaching-learning –curriculum are analyzed and implemented.
- c) alumni and employers on the programmes offered and how does the department utilize the feedback?
Feedback of alumni are taken, which also reflect the employer's view.



43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered	Year of Passing	Any Other Remarks
Manoj Komath	Srichitra Heart Institute	PhD	1985	-
G.Amrendra	IGCAR, Kolpakkam	MSc	1980	-
Vanraj Solnaki	IISc, Bangalore	MSc	2008	-
Bisvajit Chakraborti	MS University, Vadodara	MSc	1988	-
Mohan Prabhu	IOL, Faridabad	PhD	1988	-
Sunanda Jha	ISRO, Ahmedabad	MSc	1982	-
KP Raju	Indian Institute of Astro Physics, Bangalore	MSc	1984	-
Bobby Antoni	ISM, Dhanbad	PhD	2005	-
Rakiesh Kaneriyia	ISRO, Ahmedabad	MSc	2007	-
Bhushit Vaishnav	PRL, Ahmedabad	MSc	2000	-
Sudhir Bhatt	France	MSc	2010	-
Rajnikant Bhanderi	SACS, Ahmedabad	MSc	1990	-

44. Give details of student enrichment programmes (special lectures/workshops/ seminar) involving external experts.

Sr. No.	Name of Guest Faculty	Dates of visit	Title of lecture/s delivered	Name of Scheme under which guest was invited
1	Dr Manoj Komath	10/02/2010	Biomedical Technology	Shri IA Patel (Shertha) visiting professor/fellow programme
2	Prof LP Deshmukh	16/02/2010	Advances in Thin film Technology	Shri IA Patel (Shertha) visiting professor/fellow programme
3	Prof Ashok Das	18/12/2010	Quantum Mechanical Description of Pseudohermitian Hamiltonians	Shri IA Patel (Shertha) visiting professor/fellow programme
4	Dr Anil Bhardwaj	06/01/2011	The Solar System and Science from the Chandrayaan-1 Mission	Shri IA Patel (Shertha) visiting professor/fellow programme



Sr. No.	Name of Guest Faculty	Dates of visit	Title of lecture/s delivered	Name of Scheme under which guest was invited
5	Dr Alexander Kluge	25/01/2011	Electronics at the Large Hadron Collider experiment	Shri IA Patel (Shertha) visiting professor/fellow programme
6	Prof SVG Menon	04/02/2011 05/02/2011	1.State of Matter at Extreme Conditions 2.Phase Transitions and Critical Phenomena	Shri IA Patel (Shertha) visiting professor/fellow programme
7	Dr Sujit K Basu	08/11/2011	Oceanographic Physics-studies in modelling	Shri IA Patel (Shertha) visiting professor/fellow programme
8	Prof AD Yadav	24/01/2012	Synthesis of surface/buried layers by ion implantation for semiconductor devices	Shri IA Patel (Shertha) visiting professor/fellow programme
9	Prof SV Kumar	22/10/2012	What has low energy electrons to do with radiation therapy?	Shri IA Patel (Shertha) visiting professor/fellow programme
10	Prof Rajaraman Ganesh	29/12/2012	Plasma physics at IPR : Research, Application and scope	Shri IA Patel (Shertha) visiting professor/fellow programme
11	Prof Ratan Sing Bisht	29/12/2012	Electro-optical payload development for remote sensing at space application centre	Shri IA Patel (Shertha) visiting professor/fellow programme
12	Prof E Arunan	26/11/2013	Molecular beam microwave Spectroscopy: understanding hydrogen bonding and defining carbon bonding	Shri IA Patel (Shertha) visiting professor/fellow programme
13	Dr T Shripathi	03/03/2014 04/03/2014	1.X-Ray Photoelectron Spectroscopy in Research 2.Elementary introduction to X-Ray Photoelectron Spectroscopy	Shri IA Patel (Shertha) visiting professor/fellow programme



45. List the teaching methods adopted by the faculty for different programmes.

PPT, Multimedia, OHP, Interactive Board, Black Board, etc.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Regular assessment system like Quiz, seminar, internal test, projects and external test are used for the monitoring of the programme objective and learning outcomes

47. Highlight the participation of students and faculty in extension activities.

Under the umbrella of Physical Society, the students took active part in:

- **Blood donation camp.**
- **Youth festival organized by university.**
- **Community Science Centre activities.**

Faculties of the department are involved in :

- **Giving technical advice provided for various electronic and Renewable Energy Based Projects.**
- **Giving a lecture cum demonstration of Renewable energy based devices to Community Science Centre.**
- **Activities in the area of astronomy including sky gazing within the state of Gujarat.**

48. Give details of “beyond syllabus scholarly activities” of the department.

- **School on X-ray Diffraction during 3-8 March, 2014.**
- **Students and faculties both are motivated to take part in National and International schools/workshops/seminars/conferences, etc.**
- **Students are also encouraged to participate in summer/winter schools**

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **Nil**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- **Department provide the training to the Physics students in the broad area of condensed matter physics.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none">• Well designed syllabus based on NET syllabus.• Having highly equipped MSc laboratories.• Sophisticated research facility.• Expertize in specialized/focused area of research.• Rigorous training to the MSc and research students.



Weaknesses
<ul style="list-style-type: none">• Industrial collaboration is not optimum.• Few number of student cleared competitive test.• Shortage of teaching staff due to pending clearance from Government.
Opportunities
<ul style="list-style-type: none">• Good scope for academic Institutes.• Ample opportunities for Research laboratories.• Research students have opportunities for PDF at reputed laboratories.
Challenges
<ul style="list-style-type: none">• To maintain the standard of the department in teaching and research.

52. Future plans of the department.

- **To be the centre of excellence in condensed matter physics.**



8. DEPARTMENT OF STATISTICS

1. Name of the Department: **Statistics**
2. Year of the Establishment: **1961**
3. Is the Department part of a School/Faculty of the university?
Yes. Faculty of Science.
4. Names of programmes **MSc (Statistics), MSc (QPM), MPhil (Statistics), PhD (Statistics & QPM), Certificate Course in SPSS, Certificate Course in Biostatistics, Certificate Course in Financial Statistics**
5. Interdisciplinary programmes and departments involved: **Nil**
6. Courses in collaboration with other universities, industries, foreign institutions, etc: **Nil**
7. Details of programmes discontinued, if any, with reasons.: **Nil**
8. Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
9. Participation of the department in the courses offered by other departments.
CIIST, Home Science, Biosciences
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	02
Associate Professor	03	03	01
Assistant Professor	03	02	02 + 04 (contractual)
Others	-	-	-



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
PA Patel	MSc, MPhil, PhD	Professor & Head	i) Theory of Sample Surveys, ii) Survey Sampling Inference	31	MPhil : 00 PhD : 01
A Shanubhogue	MSc, MPhil, PhD	Professor	i) Parametric and non-parametric Inference ii) Statistical Quality Control iii) Reliability and Life Testing iv) Reliability Oriented and Non-parametric Design of Experiments	34	MPhil : 01 PhD : 05
Jyoti Divecha	MSc, PhD	Assoc. Professor	i) Design and Analysis ii) Statistical Process Control	24	MPhil : 00 PhD : 02
MB Bhatt	MSc, PhD	Assist. Professor	Statistical Inference	20	-
DP Raykundaliya	MSc, PhD	Assist. Professor	Reliability Oriented Design	09	-
Mr Nitiraj B Shete	PhD (pursuing)	Assistant Professor (contractual)	Error Control Designs	05	-
Mrs Bhumika M Manavadaria	MBA(HR)	Assistant Professor (contractual)	Human Resource	03	-
Miss Rupal C Rabari	MBA PhD (pursuing)	Assistant Professor (contractual)	Finance & HRM	03	-
Miss Mamta J Patel	MSc (Statistics)	Assistant Professor (contractual)	Biostatistics	01	-



12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of Fellows/Faculty, Emeritus Professors	Designation	Department/ University/ Institution	Year of Visit
Prof David D Hanagal	Professor	Department of Statistics University of Pune Pune	Feb, 17-22, 2014

13. Percentage of classes taken by temporary faculty-programme-wise information:

List of Programme	Faculty (Permanent/Temporary)	Percentage
MSc Statistics	Temporary : Nil	
MSc (QPM)	Temporary : 04	100

14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio
MSc	2010-11	14:1
	2011-12	19:1
	2012-13	17:1
	2013-14	19:1
	2014-15	21:1
M.Sc (QPM)	2010-11	30:1
	2011-12	27:1
	2012-13	24:1
	2013-14	15:1
	2014-15	18:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	-	-	01 (contractual)
Administration	02	01	02+03 (contractual)

16. Research thrust areas as recognized by major funding agencies.

Statistical Inference, Design of Experiments



17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Name of Faculties	Project Title	National/ International	Name of Funding Agencies	Total Grant Received	Year Project Start
MB Bhatt	Inferential Problems on Non-Regular (Truncation Parameter) Family of Distributions	National	UGC	1195800	2013

18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration:

Name of other Department	National/ International	Project Name	Grant Received	Year Project Start
MSW	National	Spatial Regression Analysis of Determinant of Declining Juvenile Sex Ration in Urban Gujarat with special reference to three Districts: Mehsana, Gandhinagar, and Surat	8,34,600	2013

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Name of Project	Funded by	Total Grant Received	Year
UGC-SAP/CAS	UGC	₹31,50,000	2009-2014

20. Research facility/centre with State, National and International Recognition: Nil

21. Special research laboratories sponsored by/created by industry or corporate bodies: NA

22. Publications:

a) Number of papers published in peer reviewed journals (national/ international)

Year	Number of Papers Published	National	International
2010-11	09	02	07
2011-12	03	-	03
2012-13	10	-	10
2013-14	12	-	12



Year	Number of Papers Published	National	International
2014-15	11	-	11
Total	45	2	43

- b) Monographs: **Nil**
- c) Chapters in Books: **Nil**
- d) Edited Books: **Nil**
- e) Books with ISBN with details of publishers: **03**
- f) Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- g) Citation Index – range/average Range: **0.27 to 5**
- h) SNIP: **Nil**
- i) SJR: **Nil**
- j) Impact Factor – range/average: **Nil**
- k) h-index:

Faculty Name	Citation Since 2010	h-index Since 2010
Dr Ashok Shanubhouge	15	-
Dr PA Patel	04	-
Dr JM Divecha	156	-
Dr MB Bhatt	01	04
Dr DP Raykundaliya	13	-

- 23. Details of patents and income generated: **Nil**
- 24. Areas of consultancy and income generated: **Nil**
- 25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad

Dr MB Bhatt visited

- **Department of Statistics, University of Pune, Pune (16-12-2013 to 25-12-2013)**
- **Department of Statistics, Babasaheb Ambedkar Marathawada University, Aurangabad (26-12-2013 to 31-12-2016)**



26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Name of Faculty	Committee Name	National/International/Editorial Board	Year of Joining
Dr A Shanubhogue	PRAJNA	National	2006
	Refresher Course	Academic staff college, SP University	2010-15
Dr PA Patel	Board of studies, VNSGU, Surat	(Copt) member	2014
	Refresher Course	Academic staff college, SP University	2010-15
Dr JM Divecha	Refresher Course	Academic staff college, SP University	2010-15
Dr DP Raykundaliya	Orientation course	Academic staff college, SP University	2010-15

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: **50 MSc (Statistics)**
- percentage of students doing projects in collaboration with other industries/institutes: **50 MSc (QPM)**

29. Awards/recognitions received at the national and international level by

- Faculty: **Nil**
- Doctoral / post doctoral fellows: **Nil**
- Students: **Nil**

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Year	Nat./ Internat.	Name of Seminar/ Conference/Workshop	Source of Funding	Participant Details
2010-11	National	National Level Conference on “Present Practices and Future Trends in Lena Six Sigma	UGC	124
2011-12	National	National Level Conference on “Present Practices and Future Trends in Lena Six Sigma”	UGC	102



Year	Nat./ Internat.	Name of Seminar/ Conference/Workshop	Source of Funding	Participant Details
2012-13	National	National Seminar on “Research in Statistical Science: Past, Present and Future	UGC	102

31. Code of ethics for research followed by the departments:

- Feasibility of the proposed research work.
- Duplication of work.
- Usefulness of the work to students and society.

32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MSc (Statistics)					
2010-11	37	39	4	100	100
2011-12	66	35	20	100	100
2012-13	39	31	23	100	100
2013-14	46	32	22	100	100
2014-15	62	34	27	100	100
MSc (QPM)/MQPM					
2010-11	77			66	
2011-12	66			59	
2012-13	39			47	
2013-14	46			34	
2014-15	62			40	
MPhil					
2010-11	02			02	
2011-12	02			-	
2012-13	01			-	
2013-14	02			-	
2014-15	01			-	
SPSS (Certificate course)					
2010-11				46	
2011-12				87	
2012-13				34	
2013-14				-	



Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2014-15		25			
Biostatistics (Certificate course)					
2010-11		01			
2011-12		03			
2012-13		03			
2013-14		-			
2014-15		02			
Financial Statistics (Certificate course)					
2010-11		-			
2011-12		-			
2012-13		01			
2013-14		-			
2014-15		03			

33. Diversity of students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2010-11	12	35	53	Nil
2011-12	22	38	40	
2012-13	19	31	50	
2013-14	04	37	59	
2014-15	02	25	73	
	40 to 60	60 to 40	02	

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise: **NIL**

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	-
PG to PhD	02



36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	40
from other universities within the State	40
from universities from other States	20
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period: **Nil**

38. Present details of departmental infrastructural facilities with regard to

a) Library : **Books : 4,521, e-Journals : 19**

Year	Number of Books/Journals	Amount (in ₹)
2010-11	90/0	1,59,185
2011-12	39/0	1,27,401
2012-13	104/0	4,00,000
2013-14	-	-
2014-15	-	-

b) Internet facilities for staff and students: **Department has Bandwidth internet connectivity provided by university**

c) Total number of class rooms: **04**

d) Class rooms with ICT facility: **04**

e) Students' laboratories: **03**

f) Research laboratories: **Nil**

39. List of doctoral, post-doctoral students and Research Associates :

Doctoral students

2011-12

1. Mrs Madhu B Patidar, Supervisor: Prof Ashok Shanubhogue
2. Mr Riyadh Rustam Al-mosawi, Supervisor: Prof Ashok Shanubhogue
3. Mrs Tejal Prajapati, Supervisor: Dr Jyoti Divecha

2012-13

4. Mrs Rina Shah, Supervisor: Prof PA Patel
5. Mrs Chhaya D Sonar, Supervisor: Dr Jyoti M Divecha

2013-14

6. Miss Bimla Negi, Supervisor: Prof Ashok Shanubhogue
7. Mr Nirmal R Jain



2014-15

8. Mr Alaa Khleef Jaheel, Supervisor: Prof Ashok Shanubhogue

9. Mr DB Jadhav

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	03	01	06
2011-12	05	01	01
2012-13	0	01	09
2013-14	0	02	02
2014-15	01	02	13
Total	09	07	31

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	Mr Harendrakumar D Varmora	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
		Mr Rajendra Ganpatrao		
2	2011-12	Mr Dadasaheb Dilip Choudhari		
3	2012-13	Ms Rina Satish Daultani		
4	2013-14	Ms Ayushi Akhil Chaturvedi		
5	2014-15	Miss Debirupa Asokechanda		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: Nil

42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

a) does the department utilize the feedback?

Yes, to improve teaching learning process and curriculum.

b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Through Feedback sheets as given in the NAAC Manual.



- c) alumni and employers on the programmes offered and how does the department utilize the feedback?

Periodically in meetings. The Feedback is used to revise courses.

43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered	Year of Passing
Mr Arvind D Patel	USA	MSc	1983
Prof Nirish P Patel	Prof. Agriculture college, Anand	PhD	1989
Prof Vipul K Kalamkar	Department of Statistics, MS University, Vadodara	MPhil	1987
Dr Rupal Shah	Department of Statistics, MS University, Vadodara	Faculty	2006
Mr Rathod Gaurav Prafulchandra	Australia	MSc	2004
Ms Malhotra Sonia Satpal	Cytel, Hyderabad	MSc	2012
Mr HB Madhvani	Assist Prof, VP Science college , VV Nagar	PhD	2002
Dr Mayank V Bhatt	Deputy Registrar , SP University, VV Nagar	MSc	2004
Dr Alpha K Patel	Gujarat Government, Gandhinagar	MSc	1998

44. Give details of student enrichment programmes (special lectures/workshops/ seminar) involving external experts.

Sr. No.	Name of Guest Faculty	Dates of visit	Title of lecture/s delivered	Name of scheme under which guest was invited
1.	Dr SD Gore, Professor and Head, Department of Statistics, University of Pune, PUNE	17/10/2012	1. Business Analytics 2. Business Solutions	IA Patel (Sheratha) Lecture Series



Sr. No.	Name of Guest Faculty	Dates of visit	Title of lecture/s delivered	Name of scheme under which guest was invited
2.	Dr David D Hanagal Professor, Department of Statistics, University of Pune, PUNE,	19- 20/02/2014	1. Optimal Geometric Process Replacement Policies Based on Number of Down Times 2. Analysis of Acute Leukemia Data using Shared Frailty Models under Gompertz Baseline Distribution	IA Patel (Sheratha) Lecture Series

45. List the teaching methods adopted by the faculty for different programmes.

To incorporate multimedia dependent teaching, all the class rooms are provided with ceiling mount multimedia projectors supported by PC. The faculty members are preparing their teaching materials in power point and using them in the lectures. The method gives more time for discussion and attending the questions of inquisitive students and give better explanation to slow learners. Further students are encouraged to prepare seminars using the internet courseware. This gives the students more time to face the audience so that they will prepare well before presentation.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

By conducting quiz, giving assignments, at regular intervals and evaluating students through internal and external examination.

47. Highlight the participation of students and faculty in extension activities.

- **Students actively participated in blood donation camp organised by the department.**
- **Teachers and students help old aged home by contributing a fixed amount.**
- **The Department has been running Certificate Courses in (a) SPSS (b) Financial Statistics (c) Biostatistics.**
- **Students are participating in Internship/Training given by NSSO/NASA**
- **Department and Campus cleaning programme in every semester.**
- **Blood-donation camps on Teachers day every year.**

48. Give details of “beyond syllabus scholarly activities” of the department.

Sr. No.	Name of Activities
1	Shri HM Patel Memorial Elocution Competition
2	Fresher's Party
3	Celebration of Teachers Day



Sr. No.	Name of Activities
4	Walk for Democracy
5	Run For Democracy
6	Meeting held on youth festival
7	Abhimukhta Shibir
8	Navratrri celebration
9	Celebrating "Swachta Abhiyan"
10	57 th Annual Convocation Ceremony
11	Blood Donation Camp
12	National level seminar on Research in Statistical Science : Past, Present and Future
13	Sports Day
14	Day's Celebration – 2015
15	Request to Visit Library
16	Painting Competition on Mahatma Gandhi and Cleanliness
17	Programmes on The "Death Anniversary of Mahatma Gandhi"
18	Circular for Announcement of Essay Competition
19	Campus Drive for MSc(4 th sem) Students
20	Farewell Function of 2015

49. State whether the programme/department is accredited/graded by other agencies?
If yes, give details: Nil
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- The MSc programme was restructured into CBCS. Further we added specializations : (i) Biostatistics (ii) Financial Statistics.
 - We converted many of statistics practicals on R-Language and C++. In this way students get additional training on R-Programming as add-on.
 - Every student of MSc is supposed to carry out "Project Work" worth 4 credits.
 - We added one more 4 credits optional course "Generalized Linear Modes" as many of recruiters required exclusive knowledge on this course.
 - We revised MQPM programme and restructured the programme to fit into the structure of MSc programmes of the university.
 - We renamed the MQPM programme MScQPM(Master of Science in Quality and Productivity Management).
 - We are hiring external agencies to give training on Quality Standards like, ISO 9001:2015, ISO/WD 22000, ISO 14001:2015 etc. give training on Lean Six Sigma Black Belt. At the end of the training they get



respective certificates if they clear the examinations and other requirements.

- Every student of MScQPM is supposed to do at least two extra projects as add-on training apart from a one semester 24 credits project work at service/manufacturing industry.
- To encourage deserving students to have both specialization simultaneously we introduced Certificate Course in Biostatistics and Certificate Course in Financial Statistics.
- To encourage the students to study in depth SPSS we introduced Certificate Course in SPSS.
- To encourage the students to study in depth SPSS we introduced Certificate Course in SPSS.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Infrastructures and IT-Infrastructures. • Department Library. • Diversity of Research Areas. • Placement Activities. • Offering projects. • Offering specialization. • Providing training on Lean Six sigma Black belt and ISO certification. • Department library consists of more than 4500 books.
Weaknesses
<ul style="list-style-type: none"> • Unable to offer more electives due to shortage of faculty. • Since affiliated colleges are not running BSc (Statistics), we are depending on the students from other universities of the state and other states.
Opportunities
<ul style="list-style-type: none"> • We can start deploma courses in Financial Statistics, Biostatistics, Acturial Statistics and Applied Statistics. • We can start a separate Centre for Quality and Productivity Management. • We can start Consultancy Cell and Training centre.
Challenges
<ul style="list-style-type: none"> • We may not get student for MSc (Statistics) because many PG Centers are opening at colleges in Maharashtra. We are presently getting more than 70% students from Maharashtra. • Admission in MSc (QPM) (Higher-fee course) depends on placement and outreach activities. This keeps more busy and the programme may become week if placement could not take place.

52. Future plans of the department.

- Establish Sardar Patel Centre for Management and Training in Quality, Productivity and Reliability.



- **Add more certificate courses (a) Certificate course in Industrial Statistics (b) Certificate course in QMS (c) Certificate Course in Statistical Computation (d) Certificate Course in SAS programming.**
- **Start post graduate diploma programmes in (a) Actuarial Statistics (b) Data Science (c) Analytics.**
- **Establish a regional library of statistical science for western region.**
- **Establish a Consultancy Cell to cater the needs of academics and corporate.**



9. DEPARTMENT OF HOME SCIENCE

1. Name of the Department: **Home Science**
2. Year of the Establishment: **1977**
3. Is the Department part of a School/Faculty of the university?
Yes, Faculty of Home Science.
4. Names of programmes offered
 - **Grant In Aid MSc programmes**
The department offers MSc programs in varied fields of Home Science such as MSc Foods and Nutrition, General Home Science.
 - **Self Finance MSc programmes**
Food Biotechnology, Human development, Textile & Clothing, Family and Resource Management.
 - **The department has also started PG Diploma course in Nutrigenomics and Food Designing and Quality Assurance in 2010.**
5. Interdisciplinary programmes and departments involved
MSc-Food Biotechnology & PG Diploma in Nutrigenomics
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: **Nil**
7. Details of programmes discontinued, if any, with reasons.
PhD in Family Resource Management (Guide has retired in 2011).
8. Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
9. Participation of the department in the courses offered by other departments: **Nil**
10. Number of teaching posts sanctioned , filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	02
Associate Professor	01	01	02
Assistant Professor	04	03	01 + 01 (contractual)
Others	-	-	-



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr Vinayak H Patel	PhD (Foods & Nutrition)	Professor & Head	Antioxidants in human health and diseases, Natural antioxidants for food industries	26	02
Dr Rema Subhash	PhD (Foods & Nutrition)	Professor	Functional foods, Osteoporosis, Molecular detection of food pathogens	25	-
Dr Manjari Acharya	PhD (FRM)	Professor	Ergonomics, Environment protection and energy conservation Consumer awareness and enhancement.	42	03
Dr Namrita Kola	PhD (Textiles & Clothing)	Associate Professor	Natural dyes, traditional textiles, embroidery for contemporary wear, dyeing and printing	26	-
Dr Neeta Dave	PhD (Foods & Nutrition)	Associate Professor	Nutrient Dense - Food Product development, Honey as antioxidant source	25	-
Dr Jisha Elias	Ph. D Biochemist ry	Asst. Professor	Probiotics, Obesity (SNPs, Functional foods and gene expression), Molecular detection of food pathogens	04	-
Mrs Viraj Roghelia	M Sc (Foods & Nutrition) B.Ed. PhD Pursuing (Thesis submitted)	Assistant Professor	Organic foods, Community Nutrition, food Product development	3.5	-

12 List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil



13. Percentage of classes taken by temporary faculty – programme-wise information:

List of Programme	Faculty (Permanent/Temporary)	Percentage
Foods and Nutrition	Temporary	-
General	Temporary	-
Food Biotechnology	Temporary	50
Textile and Clothing	Temporary	18
Human Development	Temporary	50
Family Resource Management	Temporary	80

14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio					
		FN (G+S F)	Gen (G)	FBT (SF)	FR M (SF)	HD (SF)	TC (SF)
MSc	2010-11	14:1	8:1	11:1	32:1	32:1	32:1
	2011-12	14:1	8:1	11:1	32:1	32:1	32:1
	2012-13	14:1	8:1	11:1	32:1	32:1	32:1
	2013-14	14:1	12:1	11:1	32:1	32:1	32:1
	2014-15	14:1	12:1	11:1	32:1	32:1	32:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	02	01	01
Administration	01	01	04+06 (contractual)

16. Research thrust areas as recognized by major funding agencies:

- Functional foods and Nutraceuticals (Antioxidant and Probiotics),
- Dietary intervention for specific health claim
- Nutrigenomics,
- Bio-processing (fermentation and germination).
- Molecular techniques for the detection of food pathogens
- Natural Dyes, contemporary wear, traditional textiles
- Posture Improvement, Better interiors
- Entrepreneurship development
- Environment protection and energy conservation
- Consumer awareness and enhancement.
- Women empowerment



17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Name of the Principal Investigator/Co-investigator	Title	Minor/Major	Funding Agency	Amount of Research Grant sanctioned with Letter No. & Date	Duration	Amount of grant released with letter no. and date (year wise details)
Dr VH Patel	Development of database for total phenol and total antioxidant capacity of Indian foods	Major	UGC	10.65 Lakhs Ref. No. F.No39-96/2010 (SR), dated 24 December, 2010	2011-14	2011: 8,16,800/- Ref. No. F.No39 - 96/2010 (SR), dated 24 December, 2010 Final installment of ₹ 4,05,852/- is released on 05/11/2015
Dr Rema Subhash	Immobilization of Food Matrices and their efficacy in the preparation of fermented dairy products	Major	DBT	11.37 Lakhs BT/PR/14825 /FNS/ 20/477/2010 Dated 2/6/2011	2011-14	2011-12: 6,14,000/- BT/PR/ 14825/ FNS/ 20/477/ 2010 Dated



						2/6/2011 2012-13: Nil 2013-14 : Nil 2014-15: 1,77,000/-
Dr Manjari Acharya	An ergonomic assessment of selected activities carried out in food unit	Major	UGC	6,48,300	2009-2012	
Ms. Viraj N Roghelia	A Comparative Study on Nutrients and Pesticide Residue Level among Organically and Conventionally Grown Fruits and Vegetables	Minor	Seed grant SP University	1,00,000 G/1- SEED GRANT/2011-12/4803 (Dated 17-10-2011)	2011-12	1,00,000/- G/1- SEED GRANT/2011-12/4803 (Dated 17-10-2011)
Dr Jisha Elias	Screening Of SNPs In melanocortin-4-Receptor (MC4R) Gene in Overweight-Obese Population Of Anand-Vallabh Vidhyanagar.	Minor	Seed grant SP University	1,00,000 G/1- SEED GRANT/2011-12/4802 (Dated 17-10-2011)	2011-12	1,00,000 G/1- SEED GRANT/2011-12/4802 (Dated 17-10-2011)
Ms Viraj Roghelia	Haematinic Effect and antioxidant Activity of Cactus Pear Fruit (Opuntia Ficus-Indica)”	Minor	UGC	3,25,000 No C/B-16/VNR/14-15 dated 03-04-2014	2014-2016	No C/B-16/VNR/14-15 dated 03-04-2014



18. Inter-institutional collaborative projects and associated grants received
 a) National collaboration b) International collaboration: **Nil**
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Name of Project	Funded by	Total Grant Received	Year
SAP-DRS-I	UGC	₹ 75.00 Lakhs Letter No.: F.640/2/DRS/2010 (SAP-I)	Apr 2010 to Mar 2015
Innovative Programme(UGC)	UGC	₹58.00 Lakhs Letter No.:F.14-39/2009 (Inno/Assist) Dated 30/9/2009	Apr, 2010 to Mar 2015
SAP-DRS-II	UGC	₹80,00,000 + one project fellow	Apr 2016 to Mar 2021
Innovative Programme (Commissioner of Higher Education, Govt. of Gujarat, Gandhinagar)	Other (Commissioner of Higher Education, Govt. of Gujarat, Gandhinagar)	₹39.50 Lakhs Letter No.: KCT/Uni/Chaba/2008/20646-56; dated 17/10/2008	Apr 2010 to Mar 2015

20. Research facility/centre with State, National and International Recognition :
State Recognition 2010 : Innovative Programme (Govt. of Gujarat) Higher Education.
National Recognition 2010 : DRS-1 SAP & Innovative Programme.
21. Special research laboratories sponsored by/created by industry or corporate bodies: **NA**
22. Publications:
 a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Papers Published	National	International
2010-11	08	08	-
2011-12	03	03	-
2012-13	14	10	04
2013-14	34	01	33
2014-15	-	-	-
Total	59	22	37



- b) Monographs: **Nil**
- c) Chapters in Books: **05**
- d) Edited Books: **Nil**
- e) Books with ISBN with details of publications: **Nil**
- f) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): **Nil**
- g) Citation Index – range/average: **Up to 2.203**
- h) SNIP: **Nil**
- i) SJR: **Nil**
- j) Impact Factor – range/average: **Up to 2.203**
- k) h-index **Dr VH Patel-04**

Dr Rema Subhash-04

Dr Neeta Dave-01

- 23. Details of patents and income generated: **Nil**
- 24. Areas of consultancy and income generated: **Nil**
- 25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad: **Nil**
- 26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Name of Faculty	Name of Journal	National/International/Editorial Board	Year of Joining
Dr Rema Subhash	PRAJNA	University Editorial Board	2010
Dr Namrita Kola	Asian Journal of Home Science	International Editorial Board	2012
Dr Vinayak H. Patel Dr Namrita Kola (Advisory Board)	Pragati: Compilation of Researches in Home Science	National Editorial Board	2013

- 27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Dr Viraj Roghelia, Faculty, had done one Orientation and one Refresher Course.



28. Student projects

- Percentage of students who have done in-house projects including inter-departmental projects: **100 in house**
- Percentage of students doing projects in collaboration with other universities/industry/institute: **Nil**

29. Awards/recognitions received at the national and international level by NA

- **Faculty:**

Name of Faculty	Title of Award	Awards/Recognitions Given by	Year
Patel VH	Best Poster Award-First prize	P.G. Department of Home Science ,Sardar Patel University, Vallabh Vidyanagar, Gujarat, India	2011-12
Patel VH	Best Paper Award-Third Prize in oral presentation	Innovation in Science-SPURSM” two day symposium organized by Sardar Patel University	
Viraj Roghelia	Best Paper Award-Third Prize in oral presentation	Innovation in Science-SPURSM” two day symposium organized by Sardar Patel University	2012-13
Rema S.	Best Poster Award-Third Prize	Swedish South Asian Network on Fermented Foods at Anand Agriculture University, Anand, Gujarat, India	
Patel VH	Best Poster Award-Second Prize	P.G. Department of Home Science ,Sardar Patel University, Vallabh Vidyanagar, Gujarat, India	2013-14
Patel VH	Best Poster Award-First prize	Indian Dietetic Association and Diabetes Foundation, AIIMS, New Delhi, India	2014-15
Neeta Dave	Best paper award	Goa College of Home Science, Goa, Panaji, India	
Rema Subhash	Best paper award	Goa College of Home Science, Goa, Panaji, India	



- **Doctoral / Post doctoral fellows:**

Name of Student	Title of Award	Awards/Recognitions Given by	Year
Vincenta Khristi	Best Poster Award-First prize	PG Department of Home Science ,Sardar Patel University, Vallabh Vidyanagar, Gujarat, India	2011-12
Viraj Roghelia	Best Paper Award-Third Prize in oral presentation	Innovation in Science-SPURSM” two day symposium organized by Sardar Patel University	
Parekh M Mishra A	Best Poster Award-Third Prize	Swedish South Asian Network on Fermented Foods at Anand Agriculture University, Anand, Gujarat, India	2012-13
Anu Mishra	Best Poster Award-Second Prize	PG Department of Home Science ,Sardar Patel University, Vallabh Vidyanagar, Gujarat, India	2013-14

- **Students:**

Name of Student	Title of Award	Awards/Recognitions Given by	Year
MV Aishwarya and Parita Gajjar	Best paper award	Goa College of Home Science, Goa, Panaji, India	2014-15
Hemangini Bariya and Himali Parmar	Best paper award	Goa College of Home Science, Goa, Panaji, India	
Khushbu Dalwadi	Best Poster Award-First prize	Indian Dietetic Association and Diabetes Foundation, AIIMS, New Delhi, India	2015

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-13.pdf



31. Code of ethics for research followed by the department

- The Department is seeking ethical approval for conducting animal experiment from BRD School of Bio Sciences, Sardar Patel University.
- The Department has applied for seeking permission to formulate an Institutional Ethical Committee for conducting research on Humans.

32. Student profile programme-wise:

Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
MSc (Family Resource Management)	2010-11	19	-	27	-	100
	2011-12	04	-	15	-	100
	2012-13	18	-	18	-	100
	2013-14	03	-	12	-	100
	2014-15	06	-	-	-	-
MSc (Food Biotechnology)	2010-11	26	04	33	100	100
	2011-12	21	06	19	100	100
	2012-13	04	03	23	100	100
	2013-14	06	-	18	-	100
	2014-15	05	-	-	-	-
MSc (Food and Nutrition)	2010-11	38	-	35	-	100
	2011-12	32	-	31	-	100
	2012-13	48	-	30	-	100
	2013-14	40	-	31	-	100
	2014-15	34	-	-	-	-
MSc (General)	2010-11	00	-	-	-	-
	2011-12	02	-	-	-	-
	2012-13	02	-	04	-	100
	2013-14	00	-	03	-	100
	2014-15	01	-	-	-	-
MSc (Human Development)	2010-11	14	02	32	100	100
	2011-12	06	01	30	100	100
	2012-13	14	-	14	-	100
	2013-14	05	-	13	-	100
	2014-15	03	-	-	-	-
MSc (Textiles and Clothing)	2010-11	15	-	31	-	100
	2011-12	19	-	27	-	100
	2012-13	13	-	22	-	100



Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
	2013-14	01	-	12	-	100
	2014-15	10	-	-	-	-

33. Diversity of students: **Nil**

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Year	Number of Students	NET	SET
2010-11	-	-	-
2011-12	02	02	-
2012-13	05	03	02
2013-14	01	01	-
2014-15	02	02	-

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	-
PG to MPhil	-
PG to PhD	1
Campus selection	1
Other than campus recruitment	1
Entrepreneurs	2

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	29
from other universities within the State	57
from universities from other States	14
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period: **01**



38. Present details of departmental infrastructural facilities with regard to

a) Library

Year	Number of Books/Journals	Amount (in ₹)
2010-11	70/3	1,67,755
2011-12	58/4	1,69,250
2012-13	16/1	4,00,000
2013-14	-	-
2014-15	23/1	1,21,052

b) Internet facilities for staff and students: **12 Computers with Internet Facility**

c) Total number of class rooms: **04**

d) Class rooms with ICT facility: **03**

e) Students' laboratories: **14**

f) Research laboratories: **One**

39. List of doctoral, post-doctoral students and Research Associates :

a) from the host institution/university (Completed)

2011-12

1. Neeta R Dave, Supervisor: Dr VH Patel

2013-14

2. Anita Patel, Supervisor: Dr MS Acharya

3. Ranjit Kaur, Supervisor: Dr MS Acharya

4. Sulaiman Ahmed, Supervisor: Dr MS Acharya

2014-15

5. Anjali Vijay Bhatt, Supervisor: Dr VH Patel

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	-	-	-
2011-12	-	-	01
2012-13	03	02	07
2013-14	01	04	06
2014-15	02	02	07
Total	06	08	21

Note : Free Studentships are also provided to meritorious students from self finance fund.



Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	-	₹10,000	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Ms Hinal Naileshkuamr Patel		
3	2012-13	Ms Nirali Krishnakant Pandya		
4	2013-14	Ms Hetalben Rameshbhai Talapara		
5	2014-15	Ms FalguniChiragbhai Desai		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

The Ministry of Food processing has been recently established by the Government of India. Stressing the importance of this, an initiative has been taken by the department by training our students in the field of food standards and this supports the cause of ministry. Curriculum is designed and framed considering the global food industry requirements and students are skilled to meet the current employability needs.

To nurture Nutrigenomics as an upcoming field of Foods and Nutrition, Diploma in Nutrigenomics was started but as it was a diploma course, student admission was not optimum. Considering the future demand and importance of the subject, this course has been converted into an MSc specialization.

42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

- a) does the department utilize the feedback?

Orally at the end of the Semester

- b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Through Feedback sheets as given in the NAAC Manual

- c) alumni and employers on the programmes offered and how does the department utilize the feedback?

Nil

43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered	Year of Passing
Ms. Khushbu Dalwadi	Higher Studies (PhD) Inspired Fellowship	Foods and Nutrition	2014
Ms. Hinal Patel	Higher Studies (PhD) Inspired Fellowship	Foods and Nutrition	2012
Ms. Tarannum Pathan	Sun Pharma Pvt. Ltd., Vadodara	Foods and Nutrition	2014
Ms. Ishita Amin	Surti Sweets and Snacks Pvt. Ltd.	Foods and Nutrition	2013



Name of Alumni	Present Profession	Programme Offered	Year of Passing
Ms. Jinal Panchal	ICDS, Anand	Food Biotechnology	2013
Ms. Yogini Chauhan	Dietician in Shalby Hospital, Ahmedabad	Foods and Nutrition	2015
Ms. Payal Shah	Food Industry in U.S.	Foods and Nutrition	2012
Ms. Nirali Pandya	QC Lab., Nestle, Mumbai	Foods and Nutrition	2013
Ms. Mosmi Rupareliya	Adhyapak Sahayak, Saurashtra University, Rajkot	Textiles and Clothing	2010
Ms Jigisha Tarada	Entrepreneur (Garment Business)	Textiles and Clothing	2014

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.

Year	Name of Events	Details of Events
2010-11	Special Lectures	-
2011-12		Faculty, National Institute of Nutrition Hyderabad A lecture on “Indian dietary Guidelines”
2012-13		Dr C.V Ramakrishnan A “Talk on importance of nutrition for the community”.
2010-11	Seminar	-
2011-12		National Seminar on Functional Foods: Managing Health in the Modern Age.
2012-13		-
2013-14		National level Seminar on Nutrigenomics: A Promising Tool for Combating Chronic Diseases.
2014-15		-

45. List the teaching methods adopted by the faculty for different programmes.

- Use of internet by students for obtaining reference material is encouraged.
- Internet facility is available to all faculties through which the teachers are able to update their knowledge by referring/prescribed e-journals and have free access to published data and books.
- Power point presentations are made by teachers for teaching.



46. How does the department ensure that programme objectives are constantly met and learning outcome Programme objectives are constantly met in the following ways:

Curriculum revision based on employability and contribution to society

- **Regular theory and practical**
- **Confidence builds up through seminars and internal exams**
- **Orientation towards research in their second year of MSc as they conduct dissertation work in III and IV semester.**

Learning outcomes are monitored as follows:

- **Employability of students**
- **Students' progression for higher studies**
- **Students qualify competitive exams (NET SLET)**
- **Students receives fellowship (INSPIRE)**

47. Highlight the participation of students and faculty in extension activities.

- **Social responsibility is an integral part of all types of activities of the department. Social responsibility is extended by significant outreach programmes which are mentioned underneath:**
- **Diet counselling for various diseases, weight reduction, etc.**
- **Furnishing, interior decoration aspects etc. are taken up for extension in local Mahila Mandals**
- **Training programmes on hygiene and sanitation for mess-workers.**
- **Plan and execute need-based programs in old age home, Mahila Mandals, etc.**
- **Determination of prevalence of anaemia, diabetes, cardiovascular diseases among adult population of Anand and Vallabh Vidyanagar.**
- **Haematological parameters of normal and anemic subjects like haemoglobin, PCV, MCHC etc. Of Vallabh Vidyanagar.**
- **Nutrition & Breast Feeding Week Celebration.**

48. Give details of “beyond syllabus scholarly activities” of the department. **Nil**

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- **Department has taken efforts in generating new knowledge by introducing new courses like diploma and degree programmes in Nutrigenomics and FDQA (Food designing and Quality Assurance).**
- **Department also facilitates students knowledge about the current trends by conducting national seminars in which speakers deliver talks on recent research trends.**
- **New dissertation topics are given as part of research work for MSc and PhD which are decided looking at the recent developments in the subjects.**
- **Subject experts from other university through their lectures provide students with the latest research knowledge on the subject.**



51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none">• Research facilities.• Continuous evaluation.• Dissertation component for all students.• Theory supported by practical experience.• DRS-I and II.
Weaknesses
<ul style="list-style-type: none">• Shortage of technical staff due to pending clearance from government.
Opportunities
<ul style="list-style-type: none">• Department can go for DSA and Centre for Excellence (For Foods and Nutrition).
Challenges
<ul style="list-style-type: none">• Shortage of Faculty.• Shortage of Space.

52. Future plans of the department.

- **The aim of the department is to impart global level skills to the students in the fields of human nutrition, food science, textiles and clothing and human development in order to provide optimum health and care to the community.**
- **Along with this, the department is striving hard to achieve the status of CAS under UGC-SAP.**

10. CENTRE FOR INTERDISCIPLINARY STUDIES IN SCIENCE AND TECHNOLOGY (CISST)

1. Name of the Department: **CISST**
2. Year of establishment: **2012**
3. Is the Department part of a School/Faculty of the university?
Yes. Faculty of Engineering & Technology.
4. Names of programmes offered: **MSc and PG Diploma.**
5. Interdisciplinary programmes and departments involved PG programmes:
MSc Biomedical Science, MSc Defence Science, MSc Earth Science, MSc Bioinformatics, PG Diploma programme: PG Diploma in Defence Materials (PGDM).
6. Courses has a collaboration with other universities, industries, foreign institutions, etc.:
MSc Earth Science has a collaboration with Physical Research Laboratory (PRL), Ahmedabad. Several faculties from PRL visited CISST for faculty and also trained our students on experimental techniques.
7. Details of programmes discontinued, if any, with reasons. **Not Applicable**
8. Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
9. Participation of the department in the courses offered by other departments: **NA**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	-	-	-
Associate Professor	01	-	-
Assistant Professor	02	-	-
Assistant Professor (Contractual)	04	04	04 (contractual)



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr RV Patel	MSc, PhD (Materials Science)	Assistant Professor (Contractual)	Ceramics and Composite Materials , Nanomaterials	2 Years and 3 Months	-
Dr RA Vasant	MSc, PhD (Zoology)	Assistant Professor (Contractual)	Fluorosis and Its amelioration by natural products	2 Years and 3 Months	-
Dr DA Shah	MSc, PhD (Pharmaceutical Chemistry)	Assistant Professor (Contractual)	Chitosan based drug formulations and delivery systems	1 Year and 3 Months	-
Dr KP Dave	MSc, PhD (Bioinformatics)	Assistant Professor (Contractual)	System Biology	2 Months and 15 Days	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Sr. No.	Name / Institute
1	Prof (Retd) Dr AT Oza, Department of Physics, SPU
2	Prof Dr SH Chaki, Department of Physics, SPU
3	Dr Forum Shelat Joshi, GH Patel College of Engineering and Technology, Vallabh Vidyanagar
4	Prof Dr NV Sastry, Department of Chemistry, SPU
5	Prof Dr DK Raval, Department of Chemistry, SPU
6	Prof Dr KH Patel, Department of Chemistry, SPU
7	Dr SS Soni, Department of Chemistry, SPU
8	Prof (Retd.) Dr KS Rao, Department of Biosciences, SPU
9	Prof Dr KC Patel, Department of Biosciences, SPU
10	Prof Dr RB Subramanian, Department of Biosciences, SPU
11	Prof Dr TV Ramana Rao, Department of Biosciences, SPU
12	Dr Haresh Kehariya, Department of Biosciences, SPU
13	Prof Dr AB Patel, Department of Mathematics, SPU
14	Dr Sanjay J, Ghevariya, Department of Mathematics, SPU
15	Dr DP Raykundaliya, Department of Statistics, SPU



Sr. No.	Name / Institute
16	Prof Dr AH Hasmani, Department of Mathematics, SPU
17	Prof Dr Sunil Trivedi, Shree Pramukh Swami Medical College, Karamsad, SPU
18	Prof Dr N Haridas, Shree Pramukh Swami Medical College, Karamsad, SPU
19	Dr Yagnesh Pandya, Shree Pramukh Swami Medical College, Karamsad, SPU
20	Dr Sanjay Chaudhari, Shree Pramukh Swami Medical College, Karamsad, SPU
21	Dr Menaka Shah, Shree Pramukh Swami Medical College, Karamsad, SPU
22	Dr Keyuri Patel, Shree Pramukh Swami Medical College, Karamsad, SPU
23	Dr Suman Singh, Shree Pramukh Swami Medical College, Karamsad, SPU
24	Dr Kiran Chauhan, Shree Pramukh Swami Medical College, Karamsad, SPU
25	Dr Hitesh Shah, Shree Pramukh Swami Medical College, Karamsad, SPU
26	Prof (Retd.) Dr KN Joshipura, Department of Physics, SPU
27	Prof Dr PC Vinodkumar, Department of Physics, SPU
28	Prof Dr R Ramchandran, Physical Research Laboratory, Ahmedabad
29	Prof Dr Shyam Lal, Physical Research Laboratory, Ahmedabad
30	Prof Dr NP Bhatt, The M. S. University of Baroda, Vadodara
31	Mr BB Patel, Department of Computer Science, SPU
32	Dr Vimal Bhatt, BA College of Agriculture, Anand Agricultural University, Anand
33	Dr KC Patel, BA College of Agriculture, Anand Agricultural University, Anand
34	Dr Rucha Dave, BA College of Agriculture, Anand Agricultural University, Anand
35	TA Rajesh, Physical Research Laboratory, Ahmedabad
36	Prof Dr Manmohan Sarin, Physical Research Laboratory, Ahmedabad
37	Prof Dr Sambhunath Ghosh, Physical Research Laboratory, Ahmedabad
38	Prof Dr NP Bhatt, The M. S. University of Baroda, Vadodara
39	Dipak Panda, Physical Research Laboratory, Ahmedabad
40	Dr R Rengarajan, Physical Research Laboratory, Ahmedabad
41	TA Rajesh, Physical Research Laboratory, Ahmedabad
42	Dr Vibha Vaishnav, Department of Electronics, SPU
43	Dr Urmesh B Trivedi, Department of Electronics, SPU
44	Dr Prarthan Mehta, Shree Dharamsinh Desai University, Nadiad



Sr. No.	Name / Institute
45	Dr Rutvij C Joshi, AD Patel Institute of Technology (ADIT), New Vallabh Vidyanagar
46	Prof Dr Ashish Pandya, Shree Dharamsinh Desai University, Nadiad
47	Dr Rizwan Alad, Shree Dharamsinh Desai University, Nadiad
48	Dr C Raychaudhary, Shree Pramukh Swami Medical College, Karmsad, SPU
49	Dr Barna Ganguly, Shree Pramukh Swami Medical College, Karmsad, SPU
50	Dr Bharat Gajjar, Shree Pramukh Swami Medical College, Karmsad, SPU

13. Percentage of classes taken by temporary faculty - programme-wise information:

MSc Biomedical Science	CISST Faculty	70%
	Visiting Faculty	30%
MSc Defence Science	CISST Faculty	70%
	Visiting Faculty	30%
MSc Earth Science	CISST Faculty	40%
	Visiting Faculty	60%
MSc Bioinformatics	CISST Faculty	70%
	Visiting Faculty	30%

14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio
MSc Biomedical Sci.	2013-14	1:3
	2014-15	1:3
MSc Defence Sci.	2013-14	1:3
	2014-15	1:3
MSc. Earth Sci.	2013-14	1:3
	2014-15	0:3
MSc. Bioinformatics	2013-14	Not
	2014-15	Applicable

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

Particulars	Year	Sanctioned	Filled
Research Personnel	2011-12	05	05
	2012-13	15	15
	2013-14	26	26
	2014-15	08	08
Administrative Staff	2012-15	02 Clerks cum Typist (Temp.)	02 (contractual)



Particulars	Year	Sanctioned	Filled
Office Boy	2012-15	02	02 (contractual)
Sweeper	2012-15	01	01 (contractual)

16. Research thrust areas as recognized by major funding agencies: **Not Applicable**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: **Nil**
18. Inter-institutional collaborative projects and associated grants received
a) National collaboration b) International collaboration
Nil
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Nil**
20. Research facility/centre with State, National and International Recognition :

Sr. No.	Research Facility	Usage	Year of Installation
1.	Ultra Fast Triple Quadruple Liquid Chromatography and Mass Spectrometer, Model: LCMS 8030 with Nexera UHPLC, Make: Shimadzu, Japan	Therapeutic Drug Development, Monitoring and Toxicology Measurements of Vitamins and Related Metabolites and Steroid Hormones Forensic Analysis of priority pesticides in groundwater Biochemical Screening for Genetic Disorders	2012
2.	Millipore Water Purification System, Model: Prefiltration Kit +Elix-3+50L Storage Reservoir+ Synergy Pure System, Make: Merck Millipore	Purification of water to lowest conductivity for use in research	2012-13
3.	Spectrofluorophotometer Model: RF-5301PC, Make: SHIMADZU, Japan	To measure fluorescent substances such as human tissue, contaminated water, soils and any other organic and nonorganic materials	2012-13
4.	Inverted Fluorescent phase contrast Research Microscope Make: Carl-Zeiss, Germany	Study of morphology of cells and cellular organelles	2012-13



Sr. No.	Research Facility	Usage	Year of Installation
5.	Research Rotary and Oscillatory Rheometer Model: 102 Modular Compact, Make: Anton Paar, Graz. Austria	To study the viscosity of the melt, flow behaviour, viscoelastic properties, temperature-dependent behaviour, glass transition temperature, aging behaviour, etc of polymers, gels, cosmetics, food, beverage products, paints and coatings	2012-13
6.	Fluorescence Micro Plate Reader Model No. Spectramax MZ & Multi Detection) Model: Spetramax MZc & Multi Detection Make: Molecular Devices LIC, U. S. A	Study assays of Protein, Nucleic acid, Fast kinetic, Enzyme, Cell function, Reporter gene, Fatty acid uptake, Neurotransmitter uptake, ADME Tox, Membrane permeability, Microbial growth and Endotoxin	2013-14
7.	High Performance Particle Size Analyzer along with Zeta Potential Model: SZ100 Make: Horiba Ltd., Japan	Study the particle size, particle size distribution, colloidal interactions, colloidal stabilization and zeta potential of colloidal system, polyelectrolytes, proteins, flavouring and flavorants	2013-14
8.	Complete DCI-VC-V Semiconductor Characterization System Make: Tektronik Asia Ltd., Beaverton	Characterization of Mobile ion, Solar cell/photovoltaic device, Organic LED and Interface charge trap Semiconductor technology development, Pulse testing of III-V devices, Semiconductor process integration, Nanotechnology and MEMs research, Flash memory testing,	2013-14
9.	Isothermal Titration Calorimeter (Nano ITC Standard Volume System) Make: Water Ges.m.b.H, Vienna, Austria	To study the binding interaction of metal ions and ligands, thermodynamics of micelle formation etc.	2013-14
10.	Size Exclusion Chromatogram with RI Detector Model: Prominence GPC System; RID-20A Make: Shimadzu	Purification and separation of samples, Determination of Molar Mass of macromolecules such as proteins, polysaccharides, synthetic polymers and natural proteins etc	2013-14
11.	Simultaneous High Temperature DTA-DSC-TGA System, Model: STA-8000, Make: Perkin Elmer	Identify melting point, glass transition, Curie temperature, energy required to melt material, Evaluation of phase transformation	2014-15



Sr. No.	Research Facility	Usage	Year of Installation
	Singapore	Decomposition, polymerization, gelation, curing, Evaluation of processing, thermal & mechanical histories, to determine crystallization temperature upon cooling, Perform Oxidative Stability Testing (OIT), Compare additive effects on material	
12.	Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES), Model: Optima8000, Make: Perkin Elmer Singapore	It is used to find elemental composition of Agricultural, food, Biological, clinical samples and other samples from Geological Coal, Environmental and water, Metals, Organic Adhesives etc.	2014-15
13.	Real Time PCR Model: CFX Connect Make: Bio-Rad, USA	Gene Expression (mRNA) Analysis, In Agricultural and food industries, MicroRNA & Noncoding RNA Analysis, microRNA Profiling and microRNA Quantitation, Long Noncoding RNA (ncRNA) Expression Analysis, Genetic Variation Analysis (In forensic Science and diagnosis of infectious disease), TaqMan® Mutation Detection Assays, Protein Analysis	2014-15
14.	Shimadzu Prominence Preparative cum Analytical HPLC System Model: LC-20AP, Make: Shimadzu, Japan	Isolation of impurities, Isolation and purification of radio-labeled drug metabolites, natural products, enantiomers	2014-15
15	DANI Make Gas Chromatograph with Head Space Sampler Model: Master GC, Make: DANI Instruments, Italy	Quantitative measurement of substances that vaporize below 300 °C, solid drug dose (pre-consumption form) identification and quantification, arson investigation, paint chip analysis, and toxicology cases	2015-16

21. Special research laboratories sponsored by/created by industry or corporate bodies: Nil



22. Publications:

- a) Number of papers published in peer reviewed journals (national/international)

Year	Number Papers Published	National	International
2010-11	-	-	-
2011-12	-	-	-
2012-13	06	01	05
2013-14	06	01	05
2014-15	04	-	04
Total	16	02	14

- b) Monographs: **Nil**
 c) Chapters in Books: **01**
 d) Edited Books: **Nil**
 e) Books with ISBN with details of publishers: **01**
 f) Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): **Nil**
 g) Citation Index – range/average: **Nil**
 h) SNIP: **Nil**
 i) SJR: **Nil**
 j) Impact Factor – range/average: **Nil**
 k) h-index: **03**

23. Details of patents and income generated: **Nil**

24. Areas of consultancy and income generated

Area	Income Generated
Analytical Services via Central Experimental Facility	
Triple Quadruple Liquid Chromatography and Mass Spectrometer	9,534.00
Rotary and Oscillatory Rheometer	10,294.00
High Temperature DTA-DSC-TGA	12,312.00

25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad: **Nil**



26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Name of Faculty	Committee Name	National/International/Editorial Board	Year of Joining
Dr Rakesh V Patel	Indian Journal of Nanotechnology and Applications (IJNA), ISSN: 2348-1021, GBS publishers, New Delhi	Editorial Board Member	2015
Dr Rakesh V Patel	Life Member	Indian Carbon Society	2011
Dr Rupal A Vasant	Journal of Intercultural Ethnopharmacology	Editorial Board Member	
Dr Rupal A Vasant	Journal of Experimental & Integrative Medicine	Editorial Board Member	

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL :

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf

28. Student projects

percentage of students who have done in-house projects including inter-departmental projects: **NA**

percentage of students doing projects in collaboration with other universities/industry/institute:

Year wise	Percentage	University/Institution/Industry Name
2014-15	100	Physical Research Laboratory, Ahmedabad Envision Scientific Pvt Ltd., Surat Armament Research & Development Establishment (ARDE), DRDO, Pune
2015-16	100	National Centre for Cell Science (NCCS), Pune A.D. Patel Institute of Technology (ADIT), Gujarat Technological University (GTU)

29. Awards/recognitions received at the national and international level by **Not Applicable**

- Faculty: **Nil**
- Doctoral / post doctoral fellows: **Nil**



- Students:

Name of Student	Awards/Recognitions Given by	Year
Harsh Oza	Summer Fellowship, Physical Research Laboratory, Ahmedabad	2013-14
Harsh Oza	Physical Research Laboratory-Junior Research Fellowship (PRL-JRF)	2013-14
Manu Lambariya	Summer Fellowship, National Centre for Cell Science, Pune	2014-15

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-13.pdf

31. Code of ethics for research followed by the departments.

Piracy & Transfer of Data is prime of ethics

32. Student profile programme-wise:

Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
MSc (Biomedical Science)	2013-14	01	01	-	100	-
	2014-15	02	01	00		-
MSc (Defence Science)	2013-14	01	01	-	100	-
	2014-15	03	01	-	100	-
MSc (Earth Science)	2013-14	01	01	-	100	-
	2014-15	02	-	01	-	-
MSc (Bioinformatics)	2013-14	-	-	-	-	-
	2014-15	-	-	-	-	-

33. Diversity of students:

Year Wise	Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2010-11	Not Applicable				
2011-12	Not Applicable				
2012-13	Not Applicable				



Year Wise	Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2013-14	MSc (Biomedical Science)	100	-	-	-
	MSc (Defence Science)	-	100	-	-
	MSc (Earth Science)	-	100	-	-
2014-15	MSc (Biomedical Science)	100	-	-	-
	MSc (Defence Science)	100	-	-	-
2015-16	MSc (Biomedical Science)	-	100	-	-
	MSc (Defence Science)	-	100	-	-
	MSc (Bioinformatics)	100	-	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Year	Number of Students	Civil Services	Defence Service	NET	SET	GATE	Others
2014	01	-	-	-	-	-	PRL-JRF

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	-
PG to PhD	1 (PRL)
Entrepreneurs	2 Students Involved in Entrepreneurship

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	100
from other universities within the State	-
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period:- Nil



38. Present details of departmental infrastructural facilities with regard to

a) Library

The present stock of 572 books is as follows:

- **Chemical Sciences: 77 no. of books**
- **Physical Sciences: 86 no. of books**
- **Mathamatical and Statistical sciences: 16 no. of books**
- **Biological Sciences: 85 no. of books**
- **Earth Sciences: 95 no. of books**
- **Biomedical Sciences: 51 no. of books**
- **Defence Sciences: 52 no. of books**
- **Computer Science: 48 no. of books**
- **Bioinformatics: 62 no. of books**

Year	Number of Books/Journals	Amount (in ₹)
2010-11	-	-
2011-12	-	-
2012-13	-	-
2013-14	211/0	2,75,313
2014-15	228/0	4,14,219

b) Internet facilities for staff and students: **Computer Lab (19 Desktop Computers and 3 Laptops)**

c) Total number of class rooms: **02**

d) Class rooms with ICT facility: **02**

e) Students' laboratories: **01**

f) Research laboratories: **03**

39. List of doctoral, post-doctoral students and Research Associates :

Student Name	Year of Completion	Doctoral, Post-Doctoral and Research Ass.
Harsh J. Oza	Pursuing (PRL, Ahmedabad)	PhD

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university.
Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: **Nil**



42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

The evaluation procedure is posted on the University website. The Curricula, scope of the programmes, teaching-learning and evaluation methods are posted on CISST webpage

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

To inculcate holistic interdisciplinary approach rather than getting narrowed up in a single discipline. Orientation towards research and to enable them to work in R & D sectors (Private and Public), Exposed to Sophisticated Equipments, Equipped with Maths/Statistical tools to analyze the experimental data, Give fairly a general background in fundamentals of basic sciences, To groom the students to be responsible citizens of The Nation equipped with professional ethics and work culture, eager to contribute R&D for National building. We try to communicate this by our own example

c) alumni and employers on the programmes offered and how does the department utilize the feedback? Nil

43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered	Year of Passing
Mr. Harsh J. Oza	PhD Physical Research Laboratory (PRL)	MSc (Earth Science)	June 2015
Mr. Suresh Baldaniya	Entrepreneur	MSc (DefencScience)	June 2015
Mr. Saurabh R. Patel	Entrepreneur	MSc (Biomedical Science)	June 2015

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.

- **Please do refer Volume-II and URL:**
www.spuvvn.edu/iqac/rar16/annexures/ann-11.pdf

45. List the teaching methods adopted by the faculty for different programmes.

Faculty use conventional and practicals are set using sophisticated equipment. It Enabled tools for teaching



46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

By involving experts from different disciplines

47. Highlight the participation of students and faculty in extension activities.

Model demonstrations & Celebration of Days

48. Give details of “beyond syllabus scholarly activities” of the department. **Self Study Course/Seminars/Informal discussion in Classroom**

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **Not Applicable**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Not Applicable

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • CISST provides a Platform for the students and faculty members of the University on interdisciplinary teaching –learning programs. Also organizes conferences and workshops in the area of interdisciplinary studies. • The interdisciplinary courses running at CISST are framed with the strong support, discussion and interaction with scientists from the national laboratories like Physical Research Laboratory, Space Application Centre, DRDO, NCL, AIIMS, Doctors and surgeons from Medical College and senior Professors from the basic Science Departments of the University and neighbouring Engineering colleges within the campus. • Provides platform for the university to initiate interdisciplinary research projects. • Highly sophisticated experimental facilities installed at CISST under the DST-PURSE program are open for all the users of the University Basic Science Departments and also for other users from Institutes and Industries. • CISST runs innovative interdisciplinary PG courses on Earth Science, Defence Science, Bioinformatics and Biomedical Science with strong support of the University’s Basic Science Departments and Scientists, Doctors and Engineers from National Institutes, medical College and neighbouring engineering colleges affiliated to GTU. • Holistic approach in teaching and learning with active components of research is interwoven in the PG programs run by CISST.
Weaknesses
<ul style="list-style-type: none"> • Absence of UG programs and post PG programs like MPhil/PhD in interdisciplinary areas like Earth Science, Defence Science and Bio-Medical Science. • Absence of National level eligibility tests (UGC-CSIR NET) in



<p>interdisciplinary studies.</p> <ul style="list-style-type: none"> • Lack of permanent core Faculty positions in Interdisciplinary areas. • Lack of awareness among the students and parents on the interdisciplinary studies. • Lack of major research projects funded by Govt. Agencies in the areas of interdisciplinary studies. • Lack of clear policies that can support persons (In and Out of service) who are interested to contribute to the development of interdisciplinary studies.
<p>Opportunities</p> <ul style="list-style-type: none"> • CISST has opportunities to begin add-on/elective courses in interdisciplinary areas for other basic science students. CISST can contribute to the true spirit of CBCS by offering its interdisciplinary courses as electives for other basic science programs. Same ways the CISST students can avail some of the basic science courses run by other conventional Departments of the University. • It can support research programs and can frame some UG courses in interdisciplinary studies. • It has possibility of developing inter-departmental collaborative teaching –learning and research programs. • Opportunities exist for developing collaboration (National & International) with industries and research organizations. • It has opportunity to be a hub for inter-departmental interdisciplinary R&D programs.
<p>Challenges</p> <ul style="list-style-type: none"> • To induce involvement and breaking the mental block of faculty members of the conventional Departments of the university in the areas of Interdisciplinary studies. • The support from the respective BOS of the basic sciences for introducing interdisciplinary elective courses for their students. • Convince the parents and students about the importance of Interdisciplinary studies and areas and their future scopes. • To generate govt. Support and funding for the promotion of interdisciplinary studies. • To create an environment at the University level for identifying and solving challenging problems of cross disciplinary nature. • To generate industrial support and training for the students in the field of interdisciplinary studies. • To convince the stake holders to provide opportunities in the areas of inter- multi-disciplinary studies and research. • Wider acceptability and encouragements for interdisciplinary studies and programs by the society particularly at the rural level.

52. Future plans of the department.

- Positive Teaching Environment.
- Research Thrust Area & Visiting Faculty Awarded.

**11. DEPARTMENT OF PHARMACEUTICAL SCIENCES**

- Name of the Department: **Pharmaceutical Sciences**
- Year of the Establishment: **2010**
- Is the Department part of a School/Faculty of the university?
Yes. Faculty of Science.
- Names of programmes offered: **MPharm & PhD.**
- Interdisciplinary programmes and departments involved: **Nil**
- Courses in collaboration with other universities, industries, foreign institutions, etc.: **Nil**
- Details of programmes discontinued, if any, with reasons. **MSc (Bio-informatics) now shifted to the CISST.**
- Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
- Participation of the department in the courses offered by other departments: **NA**
- Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	-	-	-
Associate Professor	01	-	01
Assistant Professor	02	-	02 (contractual)
Others	-	-	-

- Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr (Mrs) BA Patel	MPharm, PhD	Assistant Professor	Quality Assurance	8.2 Years	14
Miss SJ Parmar	MPharm	Assistant Professor	Quality Assurance	4 Years	13



12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Sr. No.	Name of Guest Faculty	Dates of visit	Name of Scheme under which guest was invited
1	Dr V. K. Parmar	-	UGC Visiting
2.	Dr B. N. Suhagiya	-	UGC teacher Exchange
3.	Dr V. K. Parmar	-	UGC Exchange
4.	Dr B. N. Suhagiya	-	Shertha Scheme
5.	Dr Anil Patel	28/02/2015	Shertha Scheme
6.	Dr R.B. Mardia	11/3/2015 & 12/3/2015	Shertha Scheme
7.	Dr Raikundalia		SF
8.	Dr D. I. Brahmhatt	23/12/2010 & 24/12/2010	SF
9.	Dr Shital Anadjiwala	29/10/2010 & 30/10/2010	UGC Visiting Fellow
10.	Mr Padmin Buch	25/03/2011	UGC Exchange
11.	Dr Upen Pandya	24/01/2011 & 25/01/2011	UGC teacher Exchange
12.	Dr V. K. Sinha	17/03/2012	SF
13.	Dr Sanjiv R. Acharaya	19/03/2012	UGC teacher Exchange
14	Dr V.A.Patel	1/03/2011	SF
15	Dr H.M.Patel	5/10/2011	UGC teacher Exchange

13. Percentage of classes taken by temporary faculty – programme-wise information:
NA

14. Programme-wise Student Teacher Ratio:

Programme	Years	Ratio
M.Pharm	2010-11	16:5
	2011-12	11:6
	2012-13	4:5
	2013-14	-
	2014-15	2



15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	-	-	-
Administration	-	-	02 (contractual)

16. Research thrust areas as recognized by major funding agencies.

- **Analytical Method development and Validation**
- **NDDS**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: **Nil**

18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Nil**

20. Research facility/centre with State, National and International Recognition : **Nil**

21. Special research laboratories sponsored by/created by industry or corporate bodies: **Nil**

22. Publications:

a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Papers Published	National	International
2010-11	-	-	-
2011-12	-	-	-
2012-13	17	-	17
2013-14	08	-	08
2014-15	03	-	03
Total	28	-	28

b) Monographs: **Nil**

c) Chapters in Books: **01**

d) Edited Books: **Nil**

e) Books with ISBN with details of publishers: **Nil**

f) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **32**

g) Citation Index – range/average: **Nil**

h) SNIP: **Nil**



- i) SJR: **Nil**
 j) Impact Factor – range/average: **Nil**
 k) h-index: **Nil**
23. Details of patents and income generated: **Nil**
24. Areas of consultancy and income generated: **Nil**
25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad: **Nil**
26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify): **Nil**
27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Name of Faculty	Committee Name	National/International/Editorial Board	Place	Date
Dr BA Patel Miss SJ Parmar	Orientation Course	Academic Staff College, Sardar Patel University	ASC, VV Nagar	6-1-2014 to 2-2-2014
Dr BA Patel Miss SJ Parmar	Refresher course on ICT Applications	Academic Staff College, Sardar Patel University	ASC, VV Nagar	12-12-2014 to 5-1-2014
Dr BA Patel Miss SJ Parmar	Hands on Training for Sophisticated Instruments	SICART	SICART, VV Nagar	24-7-2013 to 26-7-2013
Miss SJ Parmar	Orientation Course PhD Scholar Interaction	Academic Staff College, Sardar Patel University	ASC, VV Nagar	1-3-2015 to 21-3-2015

28. Student projects: **NA**

percentage of students who have done in-house projects including inter-departmental projects:

The project work is divided in two parts:

1. Major project 2. Minor Project

Minor project: 100% in-house Major project: 80% in-house

percentage of students doing projects in collaboration with other universities/industry/institute Major project: **20% in industry**



29. Awards/recognitions received at the national and international level by

- Faculty: **Nil**
- Doctoral / post doctoral fellows: **Nil**
- Students: **Nil**

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Year	Nat./Internat.	Name of Seminar/Conference/Workshop	Source of Funding	Amt. of Fund (in ₹)	Participant Details
2010-11	National	Recent advances in analytical techniques for pharmaceuticals	UGC	75,500	170
2011-12	National	Nanotechnology in Drug Delivery: Emerging Trends and Advances	UGC	83,000	278
2012-13	National	National seminar on novel drug delivery Systems and trends in chemical sciences	UGC	55,000	184

31. Code of ethics for research followed by the departments

Department rigorously follows the code of research

32. Student profile programme-wise:

Name of the Programme	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
MPharm	Admission through the Admission Committee for Professional Course, Central Admission process, Ahmedabad.	43	38	100	100

33. Diversity of students

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MPharm	-	96	04	-



34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Year	Number of Students	Civil Services	Defence Service	NET	SET	GATE	Others
2011-12	23	-	-	-	-	23	-
2013-14	01	-	-	-	-	01	-
Total	24	-	-	-	-	24	-

35. Student progression:

Student Progression	Percentage against enrolled
UG to PG	-
PG to MPhil	01
PG to PhD	-
Campus selection	20
Other than campus recruitment	80

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	-
from other universities within the State	100
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period: **1 (one)**

38. Present details of departmental infrastructural facilities with regard to

- a) Library

Year	Number of Books/Journals	Amount (in ₹)
2010-11	433/7	12,21,640
2011-12	38/0	1,16,624
2012-13	104/0	4,00,000
2013-14	9/0	33,247
2014-15	-	-

- b) Internet facilities for staff and students: **Each of the faculty has been provided with an Internet connection and can have access to journals provided by the UGC and INFLIBNET.**

- c) Total number of class rooms: **02**

- d) Class rooms with ICT facility: **02**

- e) Students' laboratories: **02**

- f) Research laboratories: **02**

39. List of doctoral, post-doctoral students and Research Associates :



- a) from the host institution/university: **01**
- b) from other institutions/universities: **01**

Please do refer Volume-II and URL :

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	-	-	-
2011-12	-	02	-
2012-13	-	01	-
2013-14	-	01	-
2014-15	-	02	-
Total	-	06	-

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	-	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Ms Janki Bankimkumar Parikh		
3	2012-13	Mr Jinesh Anilbhai Doshi		
4	2013-14	Ms Rachana Vijaykumar Gohel		
5	2014-15	-		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **Nil**

42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

- a) does the department utilize the feedback?

Orally at the end of Semester.

- b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

The feedback from the students is collected and properly analysed in order to promote better protocol for improving teaching-learning-evaluation system.

- c) alumni and employers on the programmes offered and how does the department utilize the feedback?

The department will now start practicing to ask feedback from alumni and employers.



43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered
Mehul Katariya	Pfizer	MPharm
Shachi Desai	Bristol Myers Squibb at Syracuse, NY	
Niravkumar Langhneja	Sun Pharmaceutical Industries Ltd	
Tushar Vaja	Sun Pharmaceutical Industries Ltd	
Hiral Dhamecha	Intas Pharmaceuticals Ltd	
Hiral Patel	Cognizant, Bombay.	
Jinesh Doshi	Sunpharma Advance Research Center, vadodara	
Shoumik Roy	Mankind Pharma, Gurgaon	
Rachna Gohel	Alembic Pharmaceuticals Limited, Vadodara.	
Viral Patel	INSPIRE Fellow, Nirma University	

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts. **Nil**

45. List the teaching methods adopted by the faculty for different programmes. **Nil**

The faculty adopts different methods like Power point presentations, including experimental learning, seminars, Quiz and interactive discussions.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Faculty members discuss the outcomes of the department regularly and makes arrangement to conduct supplementary classes and counselling. The students are regularly monitored through exams as well as through their participation in competitions, discussions, etc. These measures give a scope to judge the extent of objectives being fulfilled in designing this course.

47. Highlight the participation of students and faculty in extension activities.

- **The students had participated in Pharma Enclaves held at Allahabad and Chandigadh respectively in the academic year 2011-12 and 2012-13.**
- **They have also participated in different conferences.**
- **Students were also encouraged to participate in University Youth Festival.**
- **Faculty members also showed keen interest in providing academic services to the near by schools.**

48. Give details of “beyond syllabus scholarly activities” of the department.

The department organizes Seminars better learning and it also encourages students to participate in symposia and conferences to gain exposure.



49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **University runs the department on SF basis.**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- **76 M.Pharm Dissertations on Analytical method Development and NDDS.**
 - **32 publications have been reported in the journals of repute.**
 - **3 national seminars have been arranged.**
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Knowledgeable faculty,excellent curriculum,Good Research work Quality research, Good no. of publications
Weaknesses
<ul style="list-style-type: none"> • Lack of suffiecent number of teaching and administrative staff due to pending clearance from Government
Opportunities
<ul style="list-style-type: none"> • Campus placements are offered in pharmaceutical industries, Students can get employment in Govt. Organization
Challenges
<ul style="list-style-type: none"> • To create the state of art analytical laboratory to gear up to the increasing demands in Pharmaceutical industries. Improving the quality of teaching by Strengthening the faculty of the department and strengthening the alumni support.

52. Future plans of the department.

Plans related to infrastructure development

- **Strengthen the department with Infrastructural facilities and Research facilities.**

Teaching Learning

- **Encourage the teaching faculty to apply for more no. of Research Projects.**
- **conducting the seminars frequently to brush up the knowledge by interacting with renowned personalities.**
- **Conducting invited lectures by inviting Scientist from premier institutes in India.**
- **Encourage the faculty members to attend Refresher courses, Summer & Winter schools, conferences and seminars.**

12. DEPARTMENT OF BUSINESS STUDIES

- Name of the Department: **Business Studies**
- Year of the Establishment: **1964**
- Is the Department part of a School/Faculty of the university?
Yes. Faculty of the Commerce.
- Names of programmes offered: **PhD, MCom (Regular & External), PGDBM & PGDHRD.**
- Interdisciplinary programmes and departments involved:
PhD (Interdisciplinary) and with department of management, Social work department of commerce involved.
- Courses in collaboration with other universities, industries, foreign institutions, etc **NA**
- Details of programmes discontinued, if any, with reasons. **Nil**
- Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
- Participation of the department in the courses offered by other departments: **Nil**
- Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	02	-	03
Associate Professor	04	03	04
Assistant Professor	07	06	02
Others	-	-	-

- Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr SK Bhatt	MCom, PhD	Professor & Head	Finance & Accounting	28	PhD : 09 MPhil : 25
Dr PK Rathod	MCom, MPhil,	Professor & Dean	Finance & Accounting	36	PhD : 05 MPhil : 25



Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
	PhD, FDPM (IIM-A)				
Dr CK Sonara	MCom, MEd, PhD	Professor	Finance & Accounting	28	PhD : 01 MPhil : 25
Dr RM Joshi	MCom, PhD, FDPM (IIM-A)	Associate Professor	Marketing Management	33	-
Dr PR Sheth	BBA, MCom (Gold Med), PhD	Associate Professor	HRM/Management	23	PhD : 05 MPhil : 25
Dr DS Mistry	DIM, PGDIM, PGDIFM, MCom, MBA (Finance), PhD, UGC-NET	Associate Professor	Finance & Accounting	15	MPhil : 10
Dr YM Dalvadi	MCom, (Uni First), PhD, PGDIRPM, Certi. in SPSS, FDPM (IIM-A)	Associate Professor	Finance & Accounting	15	PhD : 04 MPhil : 16
Kum DS Rohit	MCom, UGC-NET- JRF	Asst. Professor	Banking/ Management	08	-
SP Machhar	MBA, BE (Computer), UGC-NET	Asst. Professor	Marketing/ Management	07	-



12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of Fellows/Faculty, Emeritus Professors	Designation	Department/University/Institution	Year of Visit
Prof. (Dr) M.K Patel (Retired)	Retire Professor	Department of Business Studies	01/10/2015 to 30/09/2017

13. Percentage of classes taken by temporary faculty – programme-wise information:
NA

14. Programme-wise Student Teacher Ratio:

Programme	Years	Ratio
M.Com	2010-11	62:1
	2011-12	60:1
	2012-13	63:1
	2013-14	53:1
	2014-15	60:1
PGDHRD	2010-11	14:1
	2011-12	14:1
	2012-13	16:1
	2013-14	15:1
	2014-15	14:1
PGDBM	2010-11	9:1
	2011-12	3:1
	2012-13	4:1
	2013-14	-
	2014-15	4:1
M.Phil	2010-11	5:1
	2011-12	5:1
	2012-13	5:1
	2013-14	5:1
	2014-15	5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	-	-	-
Administration	-	-	04+05 (contractual)



16. Research thrust areas as recognized by major funding agencies

- **Finance & Accounts**
- **Entrepreneurship Development and Small Business**
- **Marketing Management**
- **Human Resource Management**
- **Banking**
- **General Management**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Name of the Principal Investigator/ Co-investigator	Title	Minor /Major	Funding Agency	Amount of Research Grant sanctioned with Letter No. & Date	Duration	Amount of grant released with letter no. and date (year wise details)
Dr D. S. Mistry	Financial Framework : Interrelationship with corporate performance in Selected Indian Automobile Players	Minor	Seed Grant, SP U	35,000/- ; letter no. G/1-SEED GRANT/2015-16/6590 dated 27th January, 2015	1 Yr	₹35,000

18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Sr. No.	Type of recognition	Funding agency	Amount of funds sanctioned with letter no. and date	Duration
1	UGC SAP	UGC-SAP (DRS-II) New Delhi	40,00,000/ No.F.5-24/2013 (SAP-III) Date: 29.01.2014	5 Years

20. Research facility/centre with State, National and International Recognition : **Not Applicable**

21. Special research laboratories sponsored by/created by industry or corporate bodies: **Not Applicable**



22. Publications:

- a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Papers Published	National	International
2010-11	00	00	00
2011-12	00	00	00
2012-13	20	14	06
2013-14	19	09	10
2014-15	16	12	04
Total	55	35	20

- b) Monographs: **Nil**
- c) Chapters in Books: **Nil**
- d) Edited Books: **Nil**
- e) Books with ISBN with details of publishers: **08**
- f) Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- g) Citation Index –range/average: **Nil**
- h) SNIP Impact Factor – range/average: **Nil**
- i) SJR: **Nil**
- j) Impact Factor – range/average: **Nil**
- k) h-index: **Nil**

23. Details of patents and income generated: **Nil**24. Areas of consultancy and income generated: **Nil**

25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad.

Sr. No.	Name of Faculty member	Position in Steering Committee	Name of Conference	Name of organization/Society organizing the conference	Month and Year
1	Dr SK Bhatt	Joint Secretary	Indian Commerce Association	Bangalore, Mumbai, Bhubneswar	2012 to 2015



26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sr. No.	Name of Faculty member	Position in Steering Committee	Name of Conference	Name of organization/Society organizing the conference	Month and Year
1	Dr SK Bhatt	Joint Secretary	Indian Commerce Association	Bangalore, Mumbai, Bhubneswar	2012 to 2015

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf

28. Student projects **Not Applicable**

- percentage of students who have done in-house projects including inter-departmental projects
- percentage of students doing projects in collaboration with other universities/industry/institute

29. Awards/recognitions received at the national and international level by NA

- Faculty: **Dr C. K. Sonara, DadabhaiNavroji Award 2014 for Best Research Paper**
- Student : **Dhaval Sharma, 2014-15**

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-13.pdf

31. Code of ethics for research followed by the departments

The Department is strictly adhered to code of ethics for research that was formulated in the university guidelines formed by Board of research studies. The University is very attentive regarding malpractices and plagiarism in research. The aspect of plagiarism has been controlled and checked by departmental research committees during the resubmission presentation given by the candidate. The foundations of research values are very solid in the University. However, as a preventive measure the department communicated to all the research students to verify before submission about the plagiarism.



32. Student profile programme-wise:

Name of the Programme	Year	Applications Received	Selected		Pass percentage	
			Male	Female	Male	Female
MCom	2010-11	429	259	256	100	100
	2011-12	460	214	224	100	100
	2012-13	415	242	214	100	100
	2013-14	125	248	194	100	100
	2014-15	499	-	-	100	100
MPhil	2010-11	-	14	16	100	100
	2011-12	105	15	15	100	100
	2012-13	101	09	22	100	100
	2013-14	110	11	18	100	100
	2014-15	101	-	-	100	100

33. Diversity of students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MCom	87	10	02	01
MPhil	87	10	02	01
PhD	87	10	02	01
PGDBM	87	10	02	01
PGDHRD	87	10	02	01

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Sr. No.	Name of Examination	Year (numbers only)				
		2010-11	2011-12	2012-13	2013-14	2014-15
1	NET	-	03	03	09	-
2	GSET	-	-	-	-	04

35. Student progression:

Student Progression	2011-12	2012-13	2013-14	2014-15	2015-16
No. of students (UG to PG)	438	456	442	440	462
No. of students (PG to MPhil)	30	31	29	30	35
No. of students (PG to PhD)	-	-	-	14	29



36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	89
from other universities within the State	11
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period.

Most of the faculties have already been awarded PhD and MPhil prior to the assessment period.

38. Present details of departmental infrastructural facilities with regard to

a) Library:

Print (books, back volumes and theses) : 2,614 Books

Electronic (e-books, e-journals) : 24 e-Journals

b) Internet facilities for staff and students: **All the faculty members and students are availing of the facilities of internet in the department.**

c) Total number of class rooms: **09**

d) Class rooms with ICT facility: **06**

e) Students' laboratories: **Nil**

f) Research laboratories: **Nil**

Year	Number of Books/Journals	Amount (in ₹)
2010-11	237/0	92,795
2011-12	02/0	840
2012-13	155/0	1,50,000
2013-14	-	-
2014-15	-	-

39. List of doctoral, post-doctoral students and Research Associates:

2012-13

1. Divyesh Vyas, Supervisor: Dr PK Rathod
2. Gaurang C Barot, Supervisor: Dr SK Bhatt
3. Mahesh R Prajapati, Supervisor: Dr S.K.Bhatt
4. Gautam V Mistry, Supervisor: Dr SK Bhatt
5. Raghavbhai M Patel, Supervisor: Dr SK Bhatt
6. Chinmayee J Bhatt, Supervisor: Dr CK Sonara
7. Mrs. Tejorati Prabhu, Supervisor: Dr PR Sheth

2013-14

8. Viral H Kachhia Patel, Supervisor: Dr SK Bhatt
9. Falguni Solanki, Supervisor: Dr SK Bhatt
10. Ankita R Brahmabhatt, Supervisor: Dr PR Sheth



11. Ashwin Patel, Supervisor: Dr PR Sheth
2014-15
12. Divyang Brahmhatt, Supervisor: Prof (Dr) PK Rathod
13. Jaimin Trivedi, Supervisor: Prof (Dr) PK Rathod
14. Nilesh Shah, Supervisor: Prof (Dr) PK Rathod
15. Dharmeshkumar K. Raj, Supervisor: Prof (Dr) PK Rathod
16. Khyati J Patel, Supervisor: Prof (Dr) SK Bhatt
17. Nirav S Joshi, Supervisor: Prof (Dr) SK Bhatt
18. Miss Poruedee Jarasponj Khlungkorn (Foreign Students), Supervisor:
Prof. (Dr) SK Bhatt.

Name of the Teacher	Date of the Award of the Degree	Name of the Student	Title of the Thesis	Full Time/ Part Time
Dr PK Rathod		Divyesh Vyas	An in-depth study on Financial Analysis of Glassline Vessels and its Allied Industry in India.	Part Time
Dr SK Bhatt	Apr 2012	Gaurang C Barot	A Comparative Study of Selected micro-finance institutions in Gujarat.	Part Time
	Apr 2012	Mahesh R Prajapati	Accounting Practices in -Business: A Study of Wholesalers and Retailers in Gujarat.	Part Time
	Jun 2012	Gautam V Mistry	The Impact of Dividend Policy on Shareholder's Wealth of selected Major Pharmaceutical Units in India.	Part Time
	Nov 2012	Raghavbhai M Patel	Policies and Practices of Fund Management of District Co-operative Banks (DCCBS) for Uplifting rural areas of Gujarat.	Part Time
Dr CK Sonara	Jan 2013	Chinmayee J Bhatt	An analytical study of financial performance of selected nationalized banks in India.	Part Time
Dr PR Sheth	05/10/2012	Mrs Tejorati Prabhu	Role of GIDC in developing Engineering and Chemical industrial units in Vadodara and Bharuch Districts	Part time

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>



40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	13	15	44
2011-12	06	11	29
2012-13	17	06	61
2013-14	20	13	61
2014-15	22	15	81
Total	78	60	276

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	-	₹10,000	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	-		
3	2012-13	Ms Punita Dhansingh Rajpurohit		
4	2013-14	Ms Nilamben Mukundbhai Suthar Mr Pratik Vijaykumar Majmudar		
5	2014-15	Mr Kuldeepsingh Bhupendersingh Dhillon		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

The University has a well organised system of curriculum design and development. Each Department has a Board of Studies at UG & PG levels consisting of experts from the faculty of the Department and from other Universities, representatives from industry and student representatives. Concerned subjects in different departments are grouped as one faculty and a senior teacher is nominated as the Chairperson. The Boards of Studies scrutinize two issues i.e., need assessment and feedback from the stakeholders before designing and developing the curriculum.

42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

a) does the department utilize the feedback?

Yes.

b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Through Feedback sheets as given in the NAAC Manual.

c) alumni and employers on the programmes offered and how does the department utilize the feedback?

Periodically in meetings. The Feedback is used to revise courses.



43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered	Year of Passing
Prof (Dr) PH Vyas	Vice-Chancellor, MS University of Baroda	PhD	2000
Dr Manjula Subhramanium	Former Principal Secretary, Government of Gujarat.	PhD	1997
Dr Nikhil Zaveri	Principal, SEMCOM	MCom, PhD	1999
Dr PK Rathod	Dean, Faculty of Business Studies.	MCom,	1979
Dr BA Prajapati	Former VC, VNSGU	MCom, PhD	1993
CA Dr Ravi Taneja	Manager, Gujarat Gas, Gandhinagar	PhD	2010
Dr SJ Bhayani	Director, MBA Program, Saurashtra University	MCom, MPhil	1991
Dr KD Vasava	VC, BabasahebAmbedkar Open University, Ahmedabad.	MCom, PhD	1977
Dr DC Gohel	Head and Dean, Commerce Dept, Saurashtra University	MCom, MPhil	1985
Dr NN Patel	Principal, ACC, Anand	MCom, PhD	1991
Dr Karsandas Soneri	Former Minister of State, Govt. Of Gujarat.	PhD	1981

44. Give details of student enrichment programmes (special lectures/workshops/ seminar) involving external experts.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-11.pdf

45. List the teaching methods adopted by the faculty for different programmes.

The teaching pedagogy includes class room instruction with help of audio visualaids particularly PPT presentations, case study method, organizing businessgames, simulation methods, role play, group discussion, brain storm session,business quiz, seminar presentations, industry profile, organization of local industrial visits, guest lectures by invited speakers and the like.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Each and every programme is monitored throughout the period to ensure conformity with what has been set as course objectives and learning outcomes. The methods adopted for the purpose includes continuous assessment, observations, semester end tests and results, participations in competitions, contributions of new thoughts and ideas, and innovativeness and leadership.

47. Highlight the participation of students and faculty in extension activities. Nil



48. Give details of “beyond syllabus scholarly activities” of the department.
Blood donation camp, Eye check-up camp, Community services, Thellessamia Awareness Programme, Tree Plantation.
49. State whether the programme/department is accredited/graded by other agencies?
If yes, give details.
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Sr. No.	Name of Guest Faculty	Dates of visit	Title of lecture/s delivered	Name of Scheme under which guest was invited
1	Prof HN Agrawal	17/02/2011	Fundamentals of Research in Commerce and Management and Research Design	Visiting Fellow Scheme
2	Dr DJ Danak	27/09/2010	Basic Concept of Management Control System	Shri Ishwarbhai Patel (Shertha) Visiting Professor Fellowship Programme
3	Retd Prof NM Khandelwal	26/12/2011	Finance	Visiting Fellow Scheme
4	Retd Prof NM Khandelwal	30/12/2011	Strategic Management Accounting for Decision Making	Shri Ishwarbhai Patel (Shertha) Visiting Professor Fellowship Programme
5	Dr CK Patel	19/01/2015	Management	Shri Ishwarbhai Patel (Shertha) Visiting Professor Fellowship Programme
6	Dr Hemant Trivedi	3/08/2015	Research Methodology	Visiting Fellow Scheme
7	Dr DC Gohil	16/2/2015	Career Planning	Visiting Fellow Scheme



51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Endowed with quality faculties with numerous years of experience. • Image of the Sardar Patel University. • Infrastructure Facilities readily available. • Innovative Teaching Methods. • There are many optional courses available for students at the postgraduate level, keeping their specialized needs in mind. • Student friendly and supportive teaching and non-teaching staff. • Two Post-Graduate Diploma Programs.
Weaknesses
<ul style="list-style-type: none"> • In availability of technology such as smart class rooms. • Lack of funds is a major problem which results in the inadequacy of proper hi-tech equipment such as laptops, LCD projectors and sound systems etc. • Library infrastructure inadequate, especially for digitizing rare documents. • The departments needs a seminar room.
Opportunities
<ul style="list-style-type: none"> • Active faculty members with prolific research output and varied interests. • UGC-funded DRS on popular culture. • Student and faculty exchange programmes with European and Bangladeshi universities. • Inter-departmental courses in collaboration and conjunction with other departments in the university. • Digitizing texts for the benefit of students.
Challenges
<ul style="list-style-type: none"> • Competition with other colleges and universities. • Financial Resources. • New courses and avenues of learning for students. • Modern Infrastructure set-up for the students. • To invite more number of applications from the students in Gujarat and india.

52. Future plans of the department.

- **Extension Activities in the communities.**
- **Acceptance of Ultra-Modern technology in Library and Learning Pattern.**
- **Introduction of New Employment Oriented Courses.**
- **Launching of Departmental E-Journal.**
- **Organizing International Conferences.**
- **Student, Faculty Exchange Program in India as well as in Abroad.**



13. DEPARTMENT OF BUSINESS MANAGEMENT

1. Name of the Department: **Business Management**
2. Year of establishment: **1982**
3. Is the Department part of a School/Faculty of the university?
Yes. Faculty of Management.
4. Names of programmes offered: **MBA and PhD.**
5. Interdisciplinary programmes and departments involved. **Nil**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: **Nil**
7. Details of programmes discontinued, if any, with reasons. **Nil**
8. Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
9. Participation of the department in the courses offered by other departments: **Nil**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	03	-	05
Associate Professor	04	03	-
Assistant Professor	05	04	02+01 (contractual)
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/ MPhil students guided for the last 4 years
Prof (Dr) RP Patel	PhD	Director and Head	Management, Consumer Behaviour, Advertising, Marketing Research	35	05



Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/ MPhil students guided for the last 4 years
Prof (Dr) YC Joshi	PhD	Professor	Economics, International Business, Human Development	27	04
Prof (Dr) (Mrs) DR Dave	PhD	Professor	Communication, Marketing Management, Research Methodology	22	07
Prof (Dr) PK Priyan	PhD	Professor	Financial Management, Management Control System, Investment Management	27	05
Dr RM Rathod	PhD	Professor	General Management, Marketing Management, Marketing of Services	14	-
Dr KS Prasad	PhD	Assistant Professor	Business Policy and Strategic Management , Human Resource Management	13	01
Dr AC Mehta	PhD	Assistant Professor	Accountancy & Finance, Banking, Corporate Tax Planning	13	-
Mr RK Singh	BE, MBA	Adhoc Lecturer (Left)	Quantitative Techniques, Production Management	01	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: **Nil**

13. Percentage of classes taken by temporary faculty – programme-wise information:
10



14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio
MBA	2010-11	20:1
	2011-12	23:1
	2012-13	23:1
	2013-14	23:1
	2014-15	23:1
PhD	2010-11	6:1
	2011-12	6:1
	2012-13	6:1
	2013-14	6:1
	2014-15	6:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	-	-	-
Administration	07	05	03+04 (contractual)

16. Research thrust areas as recognized by major funding agencies

Human Development. Consumer Research in Rural Areas.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: **Nil**

18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration:

- **A project on preparation of District Human Development Report (DHDR) has been completed for The Dangs district of Gujarat in collaboration of Economics Department, MSW department of the Sardar Patel University.**
- **A project on preparation of District Human Development Report (DHDR) has been completed for Panchmahals district of Gujarat in collaboration of Economics Department, MSW department and Statistics department of the Sardar Patel University.**
- **Two projects sponsored by Election Commission of India (ECI) on the topic of 1) Baseline study of Knowledge, Attitude, Belief and Practices among electors in Gujarat before Asseby Election and 2) End line study on electors of Gujarat after Asseby Election to study Knowledge, Attitude, Behaviour, Beliefs and Practices was undertaken by the department wherein faculty of the department have different specialization were involved.**



- Under SAP-I programme of UGC, New Delhi research on Consumer education and protection was undertaken. Initially SAP-I programme research was done during 2005-06 to 2009-10 for five years. Since 2011 SAP-II grants from UGC have been received to further continue research on Consumer Research in Rural areas in Gujarat. The five years of SAP-II will be completed in 2015-16. Further, in case of projects for doing research collaboration among faculty of related departments in social sciences is encouraged on a continuous basis. Under Innovative research programme and Centre of Excellence of the UGC, New Delhi the Business Management department has send an application along with research proposal on establishment of Research on Micro, Small and Medium Enterprises (MSME) sector under Centre for Excellence to the University Grants Commission New Delhi. This proposal was submitted in collaboration with Department of Economics, Sardar Patel University. The University is likely to receive sanction and grant for this Centre of Excellence soon.
 - In Business Management department practicing experts speakers from other areas of economy and business are regularly invited to deliver lectures under various schemes, programmes and courses. Speakers from legal, taxation, marketing, e business and e commerce, banking, finance, human resource, retail, social media, CSR, capital markets, insurance and others are invited on regular basis to interact with students and faculty.
 - The department is endowed with Corporation Bank Chair for undertaking research and academic activities in the department. The department organizes extension lectures regularly every year on current topics and issues related to banking and finance for students of Business Management.
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Name of Project	Funded by	Total Grant Received	Year
SAP-II grants	UGC, New Delhi		
Consumer Research in Rural Areas	UGC, New Delhi	₹33 Lakhs + Project Fellow F.5-2/2012(SAP-III)	2012-16
Consumer Behavior and Impulse Buying for Organized Retail Stores in Gujarat	UGC, New Delhi	₹6,94,700, F. No. 5-486/2012 (HRP), 08-08-2012	2012
District Human Development Report Panchmahal	Government of Gujarat	₹4.60 Lakhs	2011
Consumer Research In Rural	UGC, New Delhi	₹33 Lakhs + Project Fellow	2011-16



Name of Project	Funded by	Total Grant Received	Year
Areas		F.5-2/2011(SAP-III)	
District Human Development Report of Panchmahal District	Government of Gujarat	₹4,59,650	Commence from Apr 2011

20. Research facility/centre with State, National and International Recognition : **Not Applicable**
21. Special research laboratories sponsored by/created by industry or corporate bodies: **Not Applicable**
22. Publications:

- a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Papers Published	National	International
2010-11	10	10	-
2011-12	17	14	03
2012-13	14	10	04
2013-14	14	08	06
2014-15	17	15	02
Total	55	42	13

- b) Monographs: **Nil**
- c) Chapters in Books: **05**
- d) Edited Books: **Nil**
- e) Books with ISBN with details of publishers: **18**
- f) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): **Nil**
- g) Citation Index – range/average: **Nil**
- h) SNIP: **Nil**
- i) SJR: **Nil**
- j) Impact Factor – range/average- **2-6**
- k) h-index: **Nil**
23. Details of patents and income generated: **Nil**



24. Areas of consultancy and income generated:

Year	Consultancy Provided to	Area	Income Generated
2010-11 to 2014-15	Election Commission of India	Baseline study of Knowledge, Attitude, Belief and Practices among electors in Gujarat before Assebly Election and 2) End line study on electors of Gujarat after Assebly Election to study Knowledge, Attitude, Behaviour, Beliefs and Practices	₹30 Lakhs

25. Faculty selected nationally/internationally to visit other laboratories/ institutions/industries in India and abroad: Nil

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

- Member of UGC Expert Committee- H.J.Jani, R.P.Patel, Y.C.Joshi
- Member of NAAC Committee – H.J.Jani
- Member on research advisory committee of various universities- H.J.Jani, R.P.Patel, Y.C.Joshi, D.R. Dave, P.K.Priyan

Name of Faculty	Committee Name	National/International/ Editorial Board
Prof RP Patel	Synergy	National
Prof YC Joshi	Synergy	National
Prof DR Dave	Synergy	National
Prof PK Priyan	Synergy	National

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: **100**
- percentage of students doing projects in collaboration with other universities/industry/institute: **Compulsory three projects for all the**



students of MBA during two years.-Summer project, comprehensive projects –I and II in industry.

29. Awards/recognitions received at the national and international level by
- Faculty: **Yogesh C. Joshi “Shri Dadabhai Navroji Prize for Publishing academics papers of high quality in national and international of high reputation during the calendar year 2014.**
 - Doctoral / post doctoral fellows: **Nil**
 - Students: **Four at state level competition at various management institutes**
30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-13.pdf

31. Code of ethics for research followed by the departments

Research undertaken is as per the general ethical standards and on issues pertaining to rural areas and social concerns as well.

32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MBA	Admissions through CMAT	70	30	100	
		81	19		
		78	22		
		80	20		

33. Diversity of students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MBA	-	-	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Year	NET	SET	GATE
2012	2	-	-



35. Student progression:

Student Progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	-
PG to PhD	1 (through PhD Entrance Test)

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	29
from other universities within the State	43
from universities from other States	28
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period: Nil

38. Present details of departmental infrastructural facilities with regard to

a) Library : **Books: 14,160, Newspapers: 06, Periodicals, and Journals: 75 are available in Department Library.**

Year	Number of Books/Journals	Amount (in ₹)
2010-11	05/0	1,848
2011-12	-	-
2012-13	279/9	2,50,000
2013-14	-	-
2014-15	-	-

b) Internet facilities for staff and students: **All the staff members have computer and internet connectivity at their desk. There is a full-fledged computer lab with internet connection for all the students.**

c) Total number of class rooms: **06**

d) Class rooms with ICT facility: **06**

e) Students' laboratories: **Yes (Computer Lab-1)**

f) Research laboratories: **Yes**

39. List of doctoral, post-doctoral students and Research Associates :

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	01	03	09
2011-12	16	05	11
2012-13	-	04	-



Year	SC scholarship	ST scholarship	OBC scholarship
2013-14	03	05	14
2014-15	04	07	20
Total	24	24	54

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	Mr Jaymitkumar Vasantlal Chauhan Ms Roma Parsottam Yadav	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Ms Jaymitkuamr Vasantlal Chauhan		
3	2012-13	Ms Shweta Dineshkumar Godhani		
4	2013-14	Ms Binaya Parajuli		
5	2014-15	Mr Gokarn Bahadur Birendra Karkee		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

The University has a well organised system of curriculum design and development. Each Department has a Board of Studies at UG & PG levels consisting of experts from the faculty of the Department and from other Universities, representatives from industry and student representatives. Concerned subjects in different departments are grouped as one faculty and a senior teacher is nominated as the Chairperson. The Boards of Studies scrutinize two issues i.e., need assessment and feedback from the stakeholders before designing and developing the curriculum.

42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

- a) does the department utilize the feedback?

Yes. The Practicable suggestions are incorporated in the teaching pedagogy and also incorporated in the time of revision.

- b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes. The Practicable suggestions are incorporated in the teaching pedagogy and also incorporated in the time of revision.



- c) alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes. The Practicable suggestions are incorporated in the teaching pedagogy and also incorporated at the time of revision such introducing new course, updating the existing course etc.

43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered
Abhilash Nair	Professor, IIM Kozhikode	MBA
Ajay Saini	Director, SM Impex	
Alpesh Pathak	Head, Patent Cell, Alembic Ltd.	
Amit Desai	MD, Hanmer Advertising	
Arun Menon	President, North America, Claris Life Sciences.	
Ashok Methew	Senior Manager, Sales and Marketing, Reprotronics.	
Devang Joshi	Registrar, Changa Education Campus	
Dhaval Upadhyay	Area Sales Manager, Troika Lab	
Hardik Shah	Head, Marketing and Tech. ED Systems.	
Jignesh Shah	Manager, Info and Development Research	

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-11.pdf

45. List the teaching methods adopted by the faculty for different programmes.

The teaching methods adopted by the faculty members include lecture methods, seminars, project work, assignments, field visits, interactive learning and experiential learning.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

MBA is monitored throughout the period to ensure conformity with what has been set as course objectives and learning outcomes. The methods adopted for the purpose includes continuous assessment, observations, semester end tests and results, participations in competitions, contributions of new thoughts and ideas, and innovativeness and leadership.



47. Highlight the participation of students and faculty in extension activities.
- Undertaken ECI project study on KABBP baseline as well as Endline survey in Gujarat. Undertaken DHDR preparation in districts of The Dangs and Panchamahals.
 - Participation in Swachha Bharat Abhiyan
 - Tree Plantation
 - Blood Donation Camp
 - Alumni Meet organized every year

48. Give details of “beyond syllabus scholarly activities” of the department.

Organizing student seminars, technical quiz, group discussion, event exhibition, state of art technology awareness programme, arranging expert lectures from industry & research institutions, encouraging students to competitions and paper presentation in the conferences.

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **UGC-NAAC, AICTE**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Sr. No.	Name of the Programme	Year of Commencement	Inspiration from National Programme/Industry requirement
1	Spoken Tutorial Project offered by IIT Mumbai National Mission on Education through ICT, MHRD, Govt. of India	2015	Inspiration from national Programme
2	SCOPE project, lab established	2014	State Government

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Registering 100% or more Placements for eligible pass out every year. • Faculty members are actively involved in conducting research projects and research consultancy. • Department has got UGC SAP-I and UGC SAP-II which is rare achievement. • Our department is 26 years old and we have very strong base of Alumni who are successfully placed in reputed companies and many of them turned to be entrepreneurs. • We have a team of experienced and well qualified faculty members. • Very good infrastructure (Computer Lab., Library, Hostel, Scope Language Lab. and a furnished auditorium). • One of the reputed management Institutes in Gujarat getting top class



<p>students in centralized admission process.</p> <ul style="list-style-type: none"> • Effective Teaching and Learning through Projects, Case Study, Discussion, and Simulation game etc. • We follow continuous evaluation system with relative grading system since the inception of MBA Programme. • Inviting guest faculty in each subject including industrialist, subject experts, practitioners and faculty from renowned institutes. • Department publishes its own Management Journal – Synergy continuously since 1998. • Every year we get good number of foreign students from countries such as Nepal, Bangladesh, Thailand, Oman.
<p>Weaknesses</p> <ul style="list-style-type: none"> • Location disadvantage as compared to Ahmedabad and Baroda. • Late beginning of First Semester because of delay in centralized admission process. • We do not have full strength of staff as per sanctioned post hence we could not offer more specializations to students.
<p>Opportunities</p> <ul style="list-style-type: none"> • Leverage the brand image of our department. • Attract more foreign students for PG as well as PhD programme. • Can start evening MBA course for executives. • Can start MPhil programme in Management. • Can add more specialization. • Attract more multinational companies to come for placement. • Scope for improvement in infrastructure. • Enhance research consultancy activities. • Collaboration with foreign institutes.
<p>Challenges</p> <ul style="list-style-type: none"> • Shortage of teaching staff. • Delay in administrative process and maintenance of existing infrastructure problems. • Dealing with students from rural areas with poor language proficiency. • Upgrade the infrastructure through Government system. • Attract students from other states and countries. • To get more research consultancy projects.

52. Future plans of the department.

- **G.H Patel Post Graduate Department of Business and Management is very dynamic in nature. So futuristic approach is done as per the situations. We are well built to handle any future challenge with courage.**
- **Maintaining and improving quality of teaching and research.**
- **Improving infrastructure further to suit the 21st century learning needs.**

14. DEPARTMENT OF EDUCATION

1. Name of the Department: **Education**
2. Year of the Establishment: **1964**
3. Is the Department part of a School/Faculty of the university?
Yes. Faculty of Arts.
4. Names of programmes offered: **MEd, MPhil & PhD.**
5. Interdisciplinary programmes and departments involved: **Nil**
6. Courses in collaboration with other universities, industries, foreign institutions, etc: **Nil**
7. Details of programmes discontinued, if any, with reasons. **Nil**
8. Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
9. Participation of the department in the courses offered by other departments.
CIIST, Home Science, Biosciences
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	01
Associate Professor	03	02	03
Assistant Professor	03	01	-
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr PP Patel	MSc, MEd, PhD	Professor and Head	Retired	19	PhD : 07
Dr MK Yagnik	MCom, MEd, PhD	Professor	Philosophy of Education, Guidance & Counseling,	23	PhD : 06



Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
			Education, Management		
Dr AB Kagathala	MCom, MEd, PhD	Associate Professor	Retired	25	PhD : 11
Dr KS Likhia	MSc, MEd, PhD	Associate Professor	Retired	20	PhD : 04
Dr MA Chotalia	MA, MEd, PhD	Associate Professor	Philosophy of Education, Guidance & Counseling, curriculum development	14	PhD : 02

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil
13. Percentage of classes taken by temporary faculty – programme-wise information: Nil
14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio
MEd	2010-11	35 ÷ 5 = 7
	2011-12	35 ÷ 5 = 7
	2012-13	36 ÷ 5 = 7.2
	2013-14	33 ÷ 4 = 8.25
	2014-15	34 ÷ 4 = 8.5

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	-	-	-
Administration	-	-	02+02 (contractual)

16. Research thrust areas as recognized by major funding agencies: Nil
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:
Nil
18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration
Nil



19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Nil**
20. Research facility/centre with State, National and International Recognition : **Nil**
21. Special research laboratories sponsored by/created by industry or corporate bodies: **NA**
22. Publications:
 - a) Number of papers published in peer reviewed journals (national/international) **Nil**
 - b) Monographs: **Nil**
 - c) Chapters in Books: **Nil**
 - d) Edited Books: **Nil**
 - e) Books with ISBN with details of publishers: **Nil**
 - f) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): **Nil**
 - g) Citation Index – range/average: **Nil**
 - h) SNIP: **Nil**
 - i) SJR: **Nil**
 - j) Impact Factor – range/average: **Nil**
 - k) h-index: **Nil**
23. Details of patents and income generated: **Nil**
24. Areas of consultancy and income generated: **Nil**
25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad
26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sr. No.	Name of Faculty member	Position in Steering Committee	Name of Conference	Name of organization/ Society organizing the conference	Month and Year
1	Dr KS Likhia	Member	Human rights education	NH Patel college of Education Anand College of Education	2013-14
2	Dr MK Yagnik	Member	Human rights education	Petlad College of Education	2014-15
3	Dr MA Chotalia	Member	Quality of teacher education	Ipkowala college of Education, Petlad	2014-15
4	Dr KS Likhia	Member	Prabuddhan	All India Association of	2013-14



Sr. No.	Name of Faculty member	Position in Steering Committee	Name of Conference	Name of organization/ Society organizing the conference	Month and Year
			International Seminar	Education Research, Gujarat Chapter	
5	Dr MK Yagnik	Member	Prabuddhan International Seminar	All India Association of Education Research, Gujarat Chapter	2013-14
6	Dr MA Chotalia	Member	Prabuddhan International Seminar	All India Association of Education Research, Gujarat Chapter	2013-14

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs). **Nil**

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: **Nil**
- percentage of students doing projects in collaboration with other universities/industry/institute: **Nil**

29. Awards/recognitions received at the national and international level by

- Faculty:

Sr. No.	Name of Faculty member	Title/Type of recognition conferred	Year in which recognition was conferred	Recognition conferring body	National /International
1	Dr MK Yagnik	Man of the year	2003	US Biographies	International

- Doctoral / post doctoral fellows: **Nil**
- Students: **Nil**

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any. **Nil**

31. Code of ethics for research followed by the departments:

As per the university guidelines framed from time to time.



32. Student profile programme-wise:

Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
MEd	2010-11	Common Admission Cell	17	18	100	100
	2011-12		19	17	100	100
	2012-13		18	20	100	100
	2013-14		18	16	100	100
	2014-15		17	18	100	100

33. Diversity of students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MEd	90	10	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Sr. No.	Name of Examination	Year (numbers only)				
		2010-11	2011-12	2012-13	2013-14	2014-15
1	MEd-I Sem.	35	30	-	29	34
2	MEd-II Sem.	34	-	37	33	34

35. Student progression: **Not Applicable**

36. Diversity of staff: **Nil**

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period: **Nil**

38. Present details of departmental infrastructural facilities with regard to

a) Library

Year	Number of Books/Journals	Amount (in ₹)
2010-11	63/8	1,59,740
2011-12	02/0	44,894
2012-13	52/0	1,50,000
2013-14	60/0	30,360
2014-15	66/0	30,335



- b) Internet facilities for staff and students: **Yes**
- c) Total number of class rooms: **03**
- d) Class rooms with ICT facility: **01**
- e) Students' laboratories: **Computer Laboratory**
- f) Research laboratories: **Nil**

39. List of doctoral, post-doctoral students and Research Associates :

2011-12

1. **Taweesak Kakkaew, Supervisor: Dr VD. Mogaria**
2. **Lawan Trinet, Supervisor: Dr VD Mogaria**
3. **Taweessri Jun-Eam, Supervisor: Dr MK Yagnik**
4. **Kittipong Pipatsivapong, Supervisor: Dr MK Yagnik**
5. **Kiran Virajibhai Jivani, Supervisor: Dr VV Baraiya**

2012-13

6. **Kaumudi Sharadkumar Bhartiya, Supervisor: Dr PK Yagnik**
7. **Manojkumar Chhelbhai Talajiya, Supervisor: Dr PK Yagnik**
8. **Sandeep Ramanlal Lad, Supervisor: Dr PA Patel**
9. **Ushadevi Shreegopal Sharda, Supervisor: Dr PA Patel**
10. **Sak Inpirud, Supervisor: Dr PA Patel**
11. **Rita Anup Basu, Supervisor: Dr Sulbha Natraj**
12. **Tararat Ruangjit, Supervisor: Dr VD Mogaria**
13. **Phoothorn Chanthahong, Supervisor: Dr VD Mogaria**
14. **Watchira Saksanit, Supervisor: Dr VD Mogaria**
15. **Nilesh Babubhai Gajjar, Supervisor: Dr MR Solanki**
16. **Nileshkumar Shrikantbhai Pandya, Supervisor: Dr Mahendra Chotalia**
17. **Nishant Sharadkumar Joshi, Supervisor: Dr MR Patel**
18. **Busaba Tawai, Supervisor: Dr AB Kagathala**
19. **Wichian Phumphuang, Supervisor: Dr AB Kagathala**
20. **Luksika Meekusol, Supervisor: Dr AB Kagathala**
21. **Gurangbhai Babubhai Patel, Supervisor: Dr AB Kagathala**
22. **Chatra Klodpeng, Supervisor: Dr AB Kagathala**

2013-14

23. **Oratai Kirdpibal, Supervisor: Dr KS Likhia**
24. **Narong Sopa, Supervisor: Dr KS Likhia**
25. **Dharmisthaben Khumansinh Solanki, Supervisor: Dr KS Likhia**
26. **Pratixa Krushnakant Shah, Supervisor: Dr AB Kagathala**
27. **Jayesh Mangaldas Patel, Supervisor: Dr AB Kagathala**
28. **Jaydip Purusottamdas Parmar, Supervisor: Dr MR Patel**
29. **Deepalee Ambalal Mahida, Supervisor: Dr Sulbha Natraj**
30. **Prabhatbhai Maganbhai Kasra, Supervisor: Dr IN Vaghela**
31. **Mayurkumar Dajibhai Parmar, Supervisor: Dr Nusrat Kadri**
32. **Pathanee Sakdechanon, Supervisor: Dr PP Patel**
33. **Kingpet Ngoenthong , Supervisor: Dr PP Patel**
34. **Dipali Bhupendra Gandhi, Supervisor: Dr VT Bhamwari**
35. **Bijalben Rajeshbhai Mistry, Supervisor: Dr V T Bhamwari**
36. **Bharatkumar Kanabhai Parmar, Supervisor: Dr VT Bhamwari**
37. **Jaykarbhai Shantilal Mecwan, Supervisor: Dr PK Yagnik**



38. Kusumarn Prasertsri, Supervisor: Dr MK Yagnik
 39. Anilkumar Kanjibhai Varsat, Supervisor: Dr Nusrat Kadri
 40. Chiragbhai Mahendrabhai Darji, Supervisor: Dr Rasida Diwan

2014-15

41. Mitesh Jagdischandra Doshi, Supervisor: Dr AB Kagathala
 42. Sunilkumar Harjivanbhai Dethariya, Supervisor: Dr AB Kagathala
 43. Maheshkumar Kanubhai Chaudhary, Supervisor: Dr AB Kagathala
 44. Traithep Hoko, Supervisor: Dr PP Patel
 45. Harnpakorn Lordngien, Supervisor: Dr PP Patel
 46. Ashish Girishbhai Thaker, Supervisor: Dr MK Yagnik
 47. Vaibhaviben Pradymanbhai Dave, Supervisor: Dr MK Yagnik
 48. Tejendrakumar Vitthalbhai Patel, Supervisor: Dr MB Solanki
 49. Narmadaben Ratilal Patel, Supervisor: Dr DU Patel
 50. Manishkumar Hiralal Sevek, Supervisor: Dr DU Patel
 51. Nileshkumar Manharlal Gandhi, Supervisor: Dr JJ Rana
 52. Wisute Tongdecharoen, Supervisor: Dr KS Likhia
 53. Ramesh Mavjibhai Patoliya, Supervisor: Dr BN Pandya
 54. Amrutlal Kodarlal Modhpatel, Supervisor: Dr NR Patel
 55. Jenifar Ashokkumar Christian, Supervisor: Dr DG Patel
 56. Prernaben Paulbhai Macwan, Supervisor: Dr UK Kher

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	05	06	05
2011-12	-	03	05
2012-13	04	0	05
2013-14	05	05	07
2014-15	02	07	10
Total	16	21	32

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	-	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Ms VJ Kothari		
3	2012-13	Ms RR Patel		
4	2013-14	Ms PP Rathod		
5	2014-15	Mr VM Patel Ms AS Patel		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. Nil



42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how
- does the department utilize the feedback? **Yes**
 - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **The feedback is communicated to the faculty members for improvement.**
 - alumni and employers on the programmes offered and how does the department utilize the feedback? **The feedback is discussed among faculty and Board of Studies.**
43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered	Year of Passing	Any Other Remarks
Dr Neepa Bharucha	Teaching	Education	-	MBPCE
Dr Alka Macwan	Teaching	Education	-	MBPCE
Dr Ushaben Kher	Teaching	Education	-	MBPCE
Dr BN Pandya	Teaching	Education	-	MBPCE
Dr DG Patel	Teaching	Education	-	MBPCE
Dr Jayshri Dave	Teaching	Education	-	MBPCE
Dr PK Yagnik	Teaching	Education	-	Anand Education College, Anand
Dr Divyesh Patel	Teaching	Education	-	NM Vaidya College, Ahmedabad
Dr Rajesh Bhatt	Teaching	Education	-	SPEC, Bakrol
Dr Nishant Joshi	Teaching	Education	-	HM Patel Institute of Teaching & English
Ms Rutisha Desai	Teaching	Education	-	-
Ms Nirali Soni	Teaching	Education	-	PhD Student
Mr Chetan Chauhan	Teaching	Education	-	PhD Student
Mr Gopal Bharwad	Teaching	Education	-	PhD Student
Mr Rahul Rabari	Teaching	Education	-	Government Teacher



44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-11.pdf

45. List the teaching methods adopted by the faculty for different programmes.

Lecture method, Discussion, Group discussion, Limited use of models of teaching generally concept attainment, synectics, advance organizer, in every period at least 10 minutes are devoted for raising questions and compliments from the students. Department also organize orientation programme for field based experiences. Debates are also organized for contemporary issues on education, teacher education and allied aspects. Seminar is also one of the important components and students present their seminar in presence of the supervisor.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The curriculum aspects are well considered along with the objectives and try to develop critical awareness among the students. The students are given assignment based on curriculum units. The learning out comes are well kept in mind while evolving the process of academic nature.

47. Highlight the participation of students and faculty in extension activities. Nil.

48. Give details of “beyond syllabus scholarly activities” of the department.

Debate on contemporary issues, Reading and organizing reference material students have to prepare research proposal for the dissertation work and they are given required material for the development of skills like research writing, organizing contents, adoption and adaptation of references and some important points of APA style, students organizing co-curricular activities based on the themes like RTE 2009, Use of ICT, Constructivist approach etc. Students are given an opportunity for educational tour to an educational institute and a historical place.

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. Nil

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The departmental teachers have supervised 36 PhD thesis on different areas of education which include teaching learning process, educational management, test standardization and other related areas under the faculty of education. The studies also gave importance to applied knowledge as well as empirical studies



51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Long established traditions of quality teaching & research. • A hub of innovative practices in teacher teaching and curriculum construction. • Bilateral relations and academic exchange with educational institutions / departments. • Intensive research studies in the areas of educational philosophy and TE process.
Weaknesses
<ul style="list-style-type: none"> • Shortage of faculty as per NCTE and UGC norms. • Inadequate physical facilities and learning resources. • Struggling to establish interface with advance institutions.
Opportunities
<ul style="list-style-type: none"> • Very large catch meet area for students. • The department is situated within the area where lots of educational institution are proliferate educational. Therefore our students have good opportunity for placement.
Challenges
<ul style="list-style-type: none"> • Department is facing a threat on the quality of research, teaching and extension because faculty shortage.

52. Future plans of the department.

- The introduce two discipline courses, identified as Diploma in Guidance & Counselling and Diploma in Educational Management.
- To start Research consultancy cell in the department.
- To disseminate research work in all in a booklet form and in a electronic form.
- To initiate experimentally, evaluation system for allowed assessment of the PG education students.
- To initial an institutional committee for curriculum development, for leading the education faculty.



15. DEPARTMENT OF ENGLISH

1. Name of the Department: **English**
2. Year of the Establishment: **June 1958**
3. Is the Department part of a School/Faculty of the university?
Yes. Faculty of Arts.
4. Names of programmes offered: **MA, MPhil & PhD**
5. Interdisciplinary programmes and departments involved **Critical and Cultural Theory; Cinematic Adaptations of Literature; Partition Literature; Twentieth Century French Fiction; World Literature; Arabic and Middle Eastern Literature; European Poetry; and European Fiction**
6. Courses in collaboration with other universities, industries, foreign institutions, etc **NA**
7. Details of programmes discontinued, if any, with reasons **NA**
8. Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
9. Participation of the department in the courses offered by other departments: **NA**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	01
Associate Professor	03	02	02
Assistant Professor	03	03	02 (contractual)
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr JH Khan	MA, MAAL (UK), MEd	Professor and Head	Contemporary Eng. Literature; Applied Linguistics including all aspects of ELT	33 Years	PhD : 11 MPhil : 68



Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
	(English), PhD		and ESP; Communication and Communicology		
Dr RK Mandalia	MA, BEd, MPhil, PhD	Associate Professor	Seventeenth Century English Poetry; New Literatures; and Indian English Literature	29 Years	-
Dr PJ Dave	MA, MPhil, PhD	Associate Professor (CAS)	Contemporary European Fiction; and Literary Criticism	26 Years	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of Fellows/Faculty, Emeritus Professors	Designation	Department/University/Institution	Year of Visit
Professor (Dr) Kapil Kapoor	Professor Emeritus	Visiting Professorship	2008-09
Dr Ranga Kapoor	Professor	Visiting Professorship	2008-09
Dr Seema Malik	Assoc. Prof. (Now Professor)	UGC Teachers' Exchange Programme	2008-09

13. Percentage of classes taken by temporary faculty – programme-wise information:
NIL

14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio
MA	2010-11	170:6*
	2011-12	157:6*
	2012-13	148:5
	2013-14	196:5
	2014-15	179:5
MPhil	2010-11	15:3
	2011-12	15:3
	2012-13	11:3 (Only 11 passed MPhil Entrance Test that year)
	2013-14	15:3
	2014-15	15:3



15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

Common for English, Gujarati, History, Political Science, Sanskrit and Sociology.

	Sanctioned	Filled	Actual
Technical	-	-	-
Administration	-	-	08+04 (contractual)

16. Research thrust areas as recognized by major funding agencies

Second Phase of the UGC SAP-DRS

(a) Literary Representation of Social Change; and (b) Literary Representation of Social Change in Post 1970 Representative Novels and Plays in Gujarati, Hindi, and Indian English Literatures (Completed on 31 March 2014).

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: **Not Applicable**
18. Inter-institutional collaborative projects and associated grants received
a) National collaboration b) International collaboration

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Name of Project	Funded by	Total Grant Received	Year
SAP/DRS	UGC	₹35 Lakhs + 01 RF	2009-2014

20. Research facility/centre with State, National and International Recognition : **Not Applicable**
21. Special research laboratories sponsored by/created by industry or corporate bodies: **Not Applicable**
22. Publications:

- a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Papers Published	National	International
2010-11	-	-	-
2011-12	-	-	-
2012-13	05	04	01
2013-14	-	-	-
2014-15	-	-	-
Total	05	04	01

- b) Monographs: **Nil**



- c) Chapters in Books: **Nil**
- d) Edited Books: **Nil**
- e) **Books with ISBN with details of publishers: 08**
- f) Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- g) Citation Index – range/average
- h) SNIP: **NA**
- i) SJR : **NA**
- j) Impact Factor – range/average
- k) h-index
23. Details of patents and income generated: **Not Applicable**
24. Areas of consultancy and income generated

Year	Consultancy Provided to	Area	Income Generated
2010-11 to 2014-15	Sarvodaya Kelavani Samaj, Rajkot	Tertiary Education	Purely honorary CSR

25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad: **Not Applicable**
26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Name of Faculty	Committee Name	National/International/Editorial Board	Year of Joining
JH Khan	Editorial Review Board	Literature and Language, Scientific Journals International, New York (ISSN 1556-6757)	2008
JH Khan	Editorial Review Board	International Journal of Academic Research (IJAR), Azerbaijan, Baku, ISSN 2075- 4124	2008
PB Raval	Advisory Board	Abraham Lincoln Abroad, International Lincoln Association, International Lincoln Center, Louisiana State University in Sheverport, USA	2009

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf



28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: **Nil**
- percentage of students doing projects in collaboration with other universities/industry/institute: **Nil**

29. Awards/recognitions received at the national and international level by

- Faculty: **Nil**
- Doctoral / post doctoral fellows: **Nil**
- Students: **Nil**

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-13.pdf

31. Code of ethics for research followed by the departments

- Encouragement of original/innovative ideas for research.**
- Encouragement Original research to the extent it may be possible, and complete discouragement of plagiarism with penalties put in place.**
- Usefulness of research for the region, the state, and the nation.**

32. Student profile programme-wise:

Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
MA	2010-11	245	93	103	100	100
	2011-12	178	46	114	100	100
	2012-13	139	45	120	100	100
	2013-14	202	57	127	100	100
	2014-15	179	-	-	100	100
M.Phil	2010-11	67	05	10	100	100
	2011-12	35	03	12	100	100
	2012-13	24	03	06	100	100
	2013-14	60	05	10	100	100
	2014-15	43	-	-	100	100

33. Diversity of students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MA	80	19	01	-
MPhil	80	19	01	-
PhD	80	20	None so far	15



34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Year	Number of Students	NET	SET
2013	-	-	-
2014	01	01	-
2015	03	01	02

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	5 (through MPhil Entrance Test)
PG to PhD	1 (through PhD Entrance Test)

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	04
from other universities within the State	01
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period Nil

38. Present details of departmental infrastructural facilities with regard to

- a) 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.**

Year	Number of Books/Journals	Amount (in ₹)
2010-11	363/0	1,86,236
2011-12	-	-
2012-13	127/0	2,00,000
2013-14	92/0	48,068
2014-15	87/0	44,680

- b) Internet facilities for staff and students: **Each of the faculty has been provided with an Internet connection and can have access to journals provided by the UGC and INFLIBNET.**
- c) Total number of class rooms: **04**
- d) Class rooms with ICT facility: **01**
- e) Students' laboratories: **Language Laboratory and Computer Laboratory**
- f) Research laboratories: **Nil**



39. List of doctoral, post-doctoral students and Research Associates :

2011-12

1. Mr Ashutosh K Yagnik, Supervisor: Dr JH Khan
2. Mr Kaushal B Kotadia, Supervisor: Dr JH Khan
3. Ms Rupalben Savjibhai Patel, Supervisor: Dr PJ Dave

2013-14

4. Mr Bhaskar K Pandya, Supervisor: Dr RK Mandalia
5. Mr Vaibhav R Joshi, Supervisor: Dr PJ Dave
6. Ms Monika G Shah, Supervisor: Dr PJ Dave
7. Mr Rajit H Yadav, Supervisor: Dr PJ Dave

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	15	17	17
2011-12	13	10	16
2012-13	16	18	21
2013-14	31	49	40
2014-15	20	48	24
Total	95	142	118

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	-	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Ms KM Gulrajani		
3	2012-13	Mr. KP Bhatia		
4	2013-14	Ms. PS Jani		
5	2014-15	Ms SP Joshi		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

The Honourable Vice Chancellor had commissioned the Department to offer a Six-Week long 4-Credit Advanced Certificate Course in Academic Writing and Presentation Skills for MPhil and PhD Students in the University. We called a meeting of all the applicants who had applied and gave them a needs analysis questionnaire to fill. Once they had completed this exercise, they were interviewed individually to ascertain the problems they faced in English language skills. We ran the course on a purely voluntary basis between 6 May 2013 and 14 June 2013. At the end of their six weeks of training, we asked them to fill up a feedback questionnaire patterned on the needs analysis questionnaire they were administered earlier.



42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

a) does the department utilize the feedback?

Orally at the end of Semester

b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Through Feedback sheets as given in the NAAC Manual

c) alumni and employers on the programmes offered and how does the department utilize the feedback?

Periodically in meetings. The Feedback is used to revise courses.

43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered	Year of Passing
Mr MV Joshi	Civil Servant	MA	1980
Mr Rushin Bhatt	Mamlatdar	MA	1990
Mr VS Tuli	Armed Forces	MA	1990
Mr RP Bhoi	Principal, Bhikhabhai Arts College, Anand, Gujarat	MA, MPhil	1983, 1992
Dr DU Patel	Principal, N H Patel College of Education, Anand	MA	1988
Dr PA Dave	Principal, SSP Jain Arts and Commerce College, Dhrangadhara, Dist: Surendranagar	MA, PhD	1990, 2002
Dr RS Dave	Assistant Professor (Part-time), Department of English, Bhikhabhai Arts College, Anand	MA, PhD	1992, 2008
Dr AK Yagnik	Associate Professor and Head, Department of English, Anand Commerce College, Anand	MA, MPhil, PhD	1986, 1987, 2011
Dr ML Revdiwala	Associate Professor, Department of English, Mahila Arts and Commerce College, Unjha	MA	1996
Dr BK Pandya	Assistant Professor and Head, Department of English, Charotar	MA, MPhil, PhD	2001, 2004,



Name of Alumni	Present Profession	Programme Offered	Year of Passing
	University of Science and Technology (CHARUSAT), Changa		2013

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.

Special lectures and workshops are organized by inviting experts from outside

45. List the teaching methods adopted by the faculty for different programmes.

We use a mixture of Lecture, Lecture-cum-Workshop, Lecture-cum-demonstration through the screening of Films, Tutorials, Classroom Course Seminars, Assignments etc as a part of teaching strategies used

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Feedback is collected on regular basis informally in our meetings with the students and we use this for the purpose of making changes in subsequent lecture engagements.

47. Highlight the participation of students and faculty in extension activities.

Students are encouraged to participate in Paper Presentation Competitions organised by MS University and Saurashtra University every year besides taking part in sports, and cultural events during Youth Festival organised every year.

48. Give details of “beyond syllabus scholarly activities” of the department.

Students are encouraged to participate in Paper Presentation Competitions organised by MS University and Saurashtra University every year.

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **Not Applicable**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

We have ensured that at least eight of our PhD students take up research problems related to the thrust areas of UGC SAP-DRS (Phase-I) and UGC SAP-DRS (Phase-II). One of them will take the viva voce soon.

The Department is involved in Translation Studies in a big way, and has come to be recognized as an institution that has been helping add new dimensions to Translation Studies.



51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Concrete work in the Thrust Areas recognized for us by the UGC Expert Committee. • A consistent effort revise/replace/ improve our course offerings every three years. • Non confrontationist atmosphere in the Department with students because we counsel them as and when required. • Immediate placement as teachers for all our students getting 55% at MA unless they opt for BEd/MPhil/PhD.
Weaknesses
<ul style="list-style-type: none"> • Inability to find time for providing students with expertise from outside due to time constraints after the introduction of CBCS. • Inability to involve sister Departments for Interdisciplinary research. No MoUs with other institutions.
Opportunities
<ul style="list-style-type: none"> • The setting of Interdisciplinary Centre for Area Studies would enable us to contribute to the study of Charotar region of Gujarat which the University serves.
Challenges
<ul style="list-style-type: none"> • Filling up of the vacancies on the teaching staff. Ensuring the appointment of adequate administrative staff in the Department.

52. Future plans of the department.

- **One of the several things we would like to do is to make this Department an ideal institution for a fully-developed English Studies programme.**
- **We wish to diversify and include interdisciplinary and multidisciplinary subject-disciplines on our MA, MPhil and PhD programmes.**



16. DEPARTMENT OF ECONOMICS

- 1 Name of the Department: **Economics**
- 2 Year of establishment: **1958**
- 3 Is the Department part of a School/Faculty of the university?
Yes. Faculty of Arts
- 4 Names of programmes offered: **MA (Regular), MA (Self-financed), Master of Philosophy (Regular), Master of Philosophy (Self-financed), Doctor of Philosophy.**
- 5 Interdisciplinary programmes and departments involved, **with Economics, Agro-Economics, Social Work, Management, and Statistics. etc**
- 6 Courses in collaboration with other universities, industries, foreign institutions, etc **NA**
- 7 Details of programmes discontinued, if any, with reasons. **NA**
- 8 Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
- 9 Participation of the department in the courses offered by other departments: **Nil**
- 10 Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	02	01	02
Associate Professor	05	-	01
Assistant Professor	06	06	04
Others	-	-	-

- 11 Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr DJ Chauhan	MA, Ph.D	Professor & Head Member of Governing	Micro Economics Banking and Financial Economics Research	29	M.Phil : 05 Ph. D. : 02



Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
		Body, Agro-Economics Research Centre Ministry of Agriculture , Govt.of India	Methodology Agricultural Economics		
Dr HP Trivedi	MA (Gold Medal) Dip in Planning, PhD	Professor Former Head Dean Faculty of Arts	Development Economics Industrial Economics Environmental Economics Research Methodology Livestock Economics	26	M.Phil : 02 Ph. D. : 03
Dr (Mrs) NM Patel	MA, MEd, PhD	Associate Professor	Agricultural Economics Co-operation International Economics Research Methodology	32	M.Phil : 04 Ph. D. : 02
Dr DG Ganvit	MA, Ph.D	Assistant Professor	Macro Economics Co-operation Rural Development Quantitative Economics Research Methodology	12	M.Phil : 06 Ph. D. : -
Dr(Mrs) Sonal Bhatt	MA (Gold Medal), UGC-NET MPhil, PhD Dip In Mktg Mgt Dip. in Intl	Assistant Professor	Public Finance Environmental Economics Macro Economics Research Methodology	12	M.Phil : 05 Ph. D. : -



Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
	Trade Mgt.				
Mr JK Barot	MA, GSLET	Assistant Professor	Micro Economics Quantitative Economics Econometrics Research Methodology Computer Applications in Economics Industrial Economics	13	M.Phil : 03 Ph. D. : -
Dr MR Patel (Left)	MA, BEd, MPhil, PhD, GSLET	Assistant Professor	Development Economics Econometrics International Economics Quantitative Economics Computer Applications in Economics Research Methodology	15	M.Phil : - Ph. D. : -

12 List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of Fellows/Faculty, Emeritus Professors	Designation	Department/University/Institution	Year of Visit
Dr Ghanshyam Upadhyay	Professor	Bhavnagar University	Jan,2012
Dr KM Bhatt	Professor	Gujarat University, Ahmedabad	Jan,2012
Dr HJ Mehta	Professor	Department of Economics, MR Arts and Science college, Rejpila, D- Narmada	Jan,2012
Dr RA Joshi	Professor	Department of Economics, Saurashtra University, Rajkot	Jan,2012
Dr MK Patel	Professor	Department of Commerce, Bhavnagar University, Bhavnagar	Jan,2012
Prof BD Bhatt	Professor	Agriculture Uni.Anand	Feb,2013
Rajesh Modi	Professor	Arts & Commerce College, Petlad	Feb,2013



Dr Keshubhai Kokani	Professor	Bhavnagar Uni.	Sep,2013
Dr Kishorbhai Joshi	Professor	Bhavnagar Uni	Sep,2013
Mr VS Jariwal		Department of Economics, Bhavnagar University, Bhavnagar	Aug,2013
Dr YN Vansiya	Professor	Department of Economics Mahadev Desai Gramseva, Mahavidyalay, Sadra	Aug,2013
Prof BD Bhatt	Professor	Agriculture Uni.Anand	Feb,2014
Rajesh Modi		Arts & Commerce College, Petlad	Jan,2014
Dr M K Patel	Professor	Bhavnagar Uni.	Aug,2014
Mr Vijay S. Jariwal		Department of Economics, Bhavnagar University, Bhavnagar	Sep,2014
Dr Yogesh Vansiya	Professor	Gujarat Vidyapeeth, Ahmedabad	Aug,2014
Dr Gaurang Rami	Professor	VNSGU, Surat	Sep,2014
Prof BD Bhatt	Professor	Agriculture Uni.Anand	Feb,2015

13. Percentage of classes taken by temporary faculty – programme-wise information:
Nil

14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio
MA (Gen)	2010-11	16:1
	2011-12	17:1
	2012-13	16:1
	2013-14	15:1
	2014-15	-
MA (SF)	2010-11	8:1
	2011-12	8:1
	2012-13	9:1
	2013-14	7:1
	2014-15	-
MPhil (Gen)	2010-11	3:1
	2011-12	No Student Enrolled
	2012-13	No Student Enrolled
	2013-14	1:1
	2014-15	-
Master of Philosophy (SF)	2010-11	3:1
	2011-12	No Student Enrolled
	2012-13	No Student Enrolled
	2013-14	1-1
	2014-15	-



15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	-	-	-
Administration	-	-	03+02 (contractual)

16. Research thrust areas as recognized by major funding agencies

- **Rural Development**
- **Agricultural Economics**
- **Environmental Economics**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Name of Faculties	Project Title	Name of Funding Agencies	Total Grant Received	Year Project Start
Prof HP Trivedi	DHDR Reports of the i) The Dangs and ii) The Panchmahals Districts	Govt. of Gujarat	12, 50,000/-	2010
Prof DJ Chauhan		Govt. of Gujarat		
Dr Sonal Bhatt		Govt. of Gujarat		
Dr HP Trivedi, Dr DJ Chauhan, Dr NM Patel, Dr DG Ganvit, Dr Sonal Bhatt, Shri JK Barot and Dr Manish Patel	District Human Development Report – Anand	UGC (CAS-I)	₹50.50 Lakhs	5 Years
Dr HP Trivedi & Dr DJ Chauhan and Sonal Bhatt	District Human Development Report- Panchmahals	Government of Gujarat	₹ 4.50 Lakhs	8 Months
Dr Sonal Bhatt	“Exploration of Factors Affecting Participatory Irrigation Management in Selected Water Users’ Associations of Gujarat”,	University Grants Commission, New Delhi	₹ 1,25,000 , vide letter No. F.6-26/2010 (HRP) dated Jan 18, 2011	Feb 1, 2011 to Jul 31, 2012

18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration

Nil



19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Name of Project	Funded by	Total Grant Received	Year
Human Development Report, Anand	UGC-SAP/CAS	₹50.50 Lakhs	2011-16

20. Research facility/centre with State, National and International Recognition:

- state recognition : **Nil**
- National recognition: **Computer Lab Available in Department.**
- international recognition : **Nil**

21. Special research laboratories sponsored by/created by industry or corporate bodies:

- **UGC Created computer laboratory for department and student development.**

22. Publications:

- a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Papers Published	National	International
2010-11			
2011-12	06	06	00
2012-13	07	05	02
2013-14	07	03	04
2014-15	06	01	05
Total	26	15	11

- b) Monographs: NA

- c) Chapters in Books: 01\

Sr. No.	Name of Author/s	Title of Book	Name of Editor/s	Title of Chapter	Page No.	Year	Publisher and ISBN
1	Dr DGGanvit	Challenges in Higher Education	Dr Shalini Gupta	Challenges in Higher Education	pp-06	-	Bureau Desh bhagat Punjab 978-93-83223-02-2

- d) Edited Books: **Nil**

e) Books with ISBN with details of publishers: **03**

Sr. No.	Name of Author/s	Title of Book	Year of publication	Name of editor/s (if any)	Publisher	ISBN	Type of book (Textbook/ Reference book)
1	Dr DG Ganvit	Mul Nivasioma Mulbhut Adhikaro	Jan 2015	-	Brick Publications, Vallabh Vidyanagar	978-93-83047-58-1	Reference book
2	Dr DG Ganvit	Khet Dhiran Mandlioni Samasyao	Mar 2015	-	Brick Publications, Vallabh Vidyanagar	978-93-83047-60-4	Reference book
3	Dr DG Ganvit	Sahkar Snachalane Vyavastha	Sep 2105	-	Brick Publications, Vallabh Vidyanagar	978-93-83047-74-1	Reference book

f) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : **Nil**

g) Citation Index – range/average: **Nil**

h) SNIP: **Nil**

i) SJR: **Nil**

j) Impact Factor : **Nil**

k) h-index: **Nil**

23. Details of patents and income generated: **Nil**

24. Areas of consultancy and income generated: **Nil**

25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad: **Nil**

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Name of Faculty	Committee Name	National/International/Editorial Board	Year of Joining
Prof DJ Chauhan	Managing Editors	Artha Vikas-Journal of Economic Development	2010 to till date
Prof HP Trivedi	Managing Editors	Artha Vikas-Journal of Economic Development	2010 to till date
Dr Sonal Bhatt	Assistant	Artha Vikas-Journal of Economic Development	2010 to till date



27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: **NA**
- percentage of students doing projects in collaboration with other universities/industry/institute: **NA**

29. Awards/recognitions received at the national and international level by **NA**

• **Faculty:**

Name of the Faculty	Awards/Recognition s given by	Year
Dr Sonal Bhatt	“Shri Dadabhai Navroji” Sardar Patel University	2011
Dr Sonal Bhatt	“Shri Dadabhai Navroji” Sardar Patel University	2013

- Doctoral / post doctoral fellows: **Not Applicable**
- Students: **Not Applicable**

30. Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any.

lease do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-.pdf

31. Code of ethics for research followed by the departments : **As per university guidelines.**

32. Student profile programme-wise:

Name of the Programm	Application Received	Year	Selected		Pass Percentage	
			Male	Female	Male	Female
MA (Gen)	147	2010-11	49	58	100	100
	149	2011-12	46	69	100	100
	104	2012-13	49	61	100	100
	125	2013-14	51	53	100	100
	105	2014-15	-	-	-	-
MA (SF)	147	2010-11	22	31	100	100
	149	2011-12	24	33	100	100
	104	2012-13	30	33	100	100
	125	2013-14	26	21	100	100
	105	2014-15	-	-	-	-
MPhil (Gen)	49	2010-11	07	03	100	100
	2	2011-12	-	-	100	100
	36	2012-13	-	-	100	100
	28	2013-14	03	01	100	100
	11	2014-15	-	-	-	-



Name of the Programm	Application Received	Year	Selected		Pass Percentage	
			Male	Female	Male	Female
Master of Philosophy (SF)	49	2010-11	-	-	100	100
	2	2011-12	-	-	100	100
	36	2012-13	-	-	100	100
	28	2013-14	-	-	100	100
	14	2014-15	-	-	-	-

33. Diversity of students: **Not Available**
34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise: **Information Not Available**
35. Student progression : **Information Not Available**
36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	33
from other universities within the State	67
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period: **Nil**
38. Present details of departmental infrastructural facilities with regard to
- a) Library

Year	Number of Books/Journals	Amount (in ₹)
2010-11	122/0	81,399
2011-12	-	-
2012-13	255/53	2,50,000
2013-14	-	-
2014-15	-	-

- b) Internet facilities for staff and students: **38 Computer with Internet Facility, Laptops-06, Tablet-01.**
- c) Total number of class rooms: **07**
- d) Class rooms with ICT facility: **01**
- e) Students' laboratories: **01 Computer Laboratory**
- f) Research laboratories: **Nil**
39. List of doctoral, post-doctoral students and Research Associates :
- a) from the host institution/university
- 2014-15**
1. Sejal B Patel, Supervisor: Dr DJ Chauhan
- b) from other institutions/universities:- **NA**

40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	10	24	20
2011-12	11	21	20
2012-13	15	4	29
2013-14	10	13	15
2014-15	27	29	42

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	-	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Mr DS Kadri		
3	2012-13	Ms PH Mehta		
4	2013-14	Mr PN Mahida		
5	2014-15	Mr AP Chauhan		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Need assessment for revision of courses or the introduction of new courses is done with the help of discussion and feedback in the meetings of the Board of Studies, faculty meetings, Departmental Research Committee meetings as well as informal interaction with our students.

42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

- a) does the department utilize the feedback? **Nil**
 b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

At the end of the academic year we collect anonymous feedback forms from the students in which they express their expectations from the teachers as well as their requirements and special needs, if any.

- c) alumni and employers on the programmes offered and how does the department utilize the feedback? **Nil**

43. List the distinguished alumni of the department (maximum 10) : **No Association Developed by Department**

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.



45. List the teaching methods adopted by the faculty for different programmes.

This includes classroom teaching, individual and group interactions with the faculty outside the class room, lecture demonstration and seminar presentations by the students, project work, Counselling, assignments, self study, field visits, guest lectures, workshops, debates and discussions etc.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Teaching, Research

47. Highlight the participation of students and faculty in extension activities: **Nil**

48. Give details of “beyond syllabus scholarly activities” of the department: **Nil**

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details: **(CAS) in 2011**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied: **Nil**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Teaching and Research.
Weaknesses
<ul style="list-style-type: none"> • Shortage of Teaching Staff and Technical Administrative Staff due pending clearance from Government.
Opportunities
<ul style="list-style-type: none"> • The department can handle major survey and research based projects on rural economics and development.
Challenges
<ul style="list-style-type: none"> • Non availability of scientific ans support staff for taking up research connected with the rural issues.

52. Future plans of the department: **Nil**

17. DEPARTMENT OF GUJARATI

- Name of the Department: **Gujarati**
- Year of the Establishment: **1958**
- Is the Department part of a School/Faculty of the university?
Yes. Faculty of Arts.
- Names of programmes offered: **MA, MPhil & PhD**
- Interdisciplinary programmes and departments involved : **A Paper Entitled, Sahitya Samajsastra relates to the two department Gujarati and Sociology**
- Courses in collaboration with other universities, industries, foreign institutions, etc **Nil**
- Details of programmes discontinued, if any, with reasons. **NA**
- Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
- Participation of the department in the courses offered by other departments.
Teacher of Our Department teach a life enrichment course to student of other departments
 - Dr BR Brahmbhatt is working in fine Arts college as a visiting lecturer.**
 - Dr BR Brahmbhatt is taking a language class in SPIPA, Ahmedabad.**
- Number of teaching posts sanctioned ,filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	03
Associate Professor	01	-	-
Assistant Professor	05	04	02
Others	-	-	-

- Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr Bhagirath Brahmbhatt	MA, PhD	Professor	Linguistic Modern Literature	39	MPhil : 26 PhD : 13



Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr JM Patel	MA, PhD	Associate Professor	Modern Literature and Post Modern Literature	39	MPhil : 24 PhD : 05
Dr MH Patel	MA, PhD	Professor	Phrase Literature and Poetry	36	MPhil : 14 PhD : 04
Dr NL Ved	MA, PhD	Professor	Medieval Literature and Criticism	39	MPhil : 05 PhD : 03
Dr Param Pathak	MA, PhD	Professor	Comparative Literature and Folklore Criticism	25	MPhil : 33 PhD : 11
Dr Pinakin Pandya	MA, Mphil, PhD	Professor and Head	Linguistic Stylistic, Medieval Literature, Folklore	26	MPhil : 33 PhD : 11

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of Fellows/Faculty, Emeritus Professors	Designation	Department/University/Institution	Year of Visit
Professor (Dr) BR Brahmhatt	Professor Emeritus	Visiting Professorship	2015-17
Professor (Dr) Satish Vyas	Professor	Visiting Professorship	2012-13
Professor (Dr) Vinod Joshi	Professor	Visiting Professorship	2013-14
Professor (Dr) Satyadev Tripathi	Assoc Prof (Now Professor)	UGC Teachers' Exchange Programme	2014-15

13. Percentage of classes taken by temporary faculty – programme-wise information:NA

14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio
MA	2010-11	115:6
	2011-12	72:7
	2012-13	87:6
	2013-14	66:6
	2014-15	69:5
MPhil	2010-11	35:6
	2011-12	35:6



Programme	Years	Ratio
	2012-13	27:5
	2013-14	25:5
	2014-15	20:4

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

Common for English, Gujarati, History, Political Science, Sanskrit and Sociology.

	Sanctioned	Filled	Actual
Technical	-	-	-
Administration	-	-	08+04 (contractual)

16. Research thrust areas as recognized by major funding agencies

- (a) Folklore
- (b) Linguistic
- (c) Diaspora Gujarati Poetry
- (d) Comparative Study of Gujarati and Hindi Phonetics

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: **2 faculties and 13 Lakhs and sixty six thousands UGC Funded**

18. Inter-institutional collaborative projects and associated grants received
a) National collaboration b) International collaboration:

Sr No	Names of institutes collaborating	Title of the programme/ research project/ workshop/ symposia/ etc	Grant received with letter No. and date	duration of collaboration	Significant outcomes/ breakthroughs achieved	Grant utilized
1	National translation mission, Delhi	Translation & editing (workshop)	25-31 July/2012	06 days	Proceeding in uni. press	Approx. 100000 Utilized by NTM
2	CIIL Mysore	Natural language processing (workshop)	16-20 Jan., 11	06 days	Students research work in this particular area Ph.D student named Montu Patel selected the research topic: Word Net.	1,00,000
3	West zone cultural center,	Indian Folk drama	21-23 Jan /2014	03 days	Book under process	2,00,000



Sr No	Names of institutes collaborating	Title of the programme/ research project/ workshop/ symposia/ etc	Grant received with letter No. and date	duration of collaboration	Significant outcomes/ breakthroughs achieved	Grant utilized
	Udaipur	presentation & seminar				

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Name of Project	Funded by	Total Grant Received	Year
SAP/DRS	UGC	₹25 Lakhs +01RF	2015

20. Research facility/centre with State, National and International Recognition: **NA**

21. Special research laboratories sponsored by/created by industry or corporate bodies: **NA**

22. Publications:

a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Papers Published	National	International
2010-11	05	05	00
2011-12	02	02	00
2012-13	04	04	00
2013-14	04	04	00
2014-15	03	03	00
Total	18	18	00

b) Chapters in Books: **08**

c) Edited Books: **16**

e) Books with ISBN with details of publishers: **27**

d) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **NA**

f) Citation Index – range/average: **NA**

g) SNIP: **NA**

h) SJR: **NA**

j) Impact Factor – range/average: **NA**

k) h-index: **NA**



23. Details of patents and income generated: **NA**
24. Areas of consultancy and income generated: **Nil**
25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad
1. **Dr BR Brahmbhatt visited to SNTD University Bombay as a B of Study**
 2. **Dr PD Pandya is selected member of SAP advisory committee in SNTD University Bombay.**
 3. **Dr BR Brahmbhatt worked in UPSC Delhi.**
 4. **Dr BR Brahmbhatt worked in Gyanpith awarded committee Delhi.**
 5. **Dr Param Pathak is selected member of Preparation of glossary of Maths terms by MHRD Delhi.**
26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Name of Faculty	Committee Name	National/International/Editorial Board
Dr Param Pathak	Sheel Shrutam	Editorial Board

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf

28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects: **60 per cent**
 - percentage of students doing projects in collaboration with other universities/industry/institute **Nil**
29. Awards/recognitions received at the national and international level by NA
- Faculty:

In creative writing: 1) Best Essay Award given by Gujarat Sahitya Academy to Prof. B.R. Brahmbhatt 2) Parmanand Award to Prof. B.R. Brahmbhatt.
 - Doctoral / post doctoral fellows:
 - Students:
30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-13.pdf



31. Code of ethics for research followed by the departments.

1. To having the responsibility to secure the actual permission and interest of all those involved in study
2. Researcher has to noted the true citation
3. Researcher should not misuse the information discovered by others.

32. Student profile programme-wise:

Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
MA	2010-11	190	78	124	100	100
	2011-12	158	71	100	100	100
	2012-13	97	57	102	100	100
	2013-14	45	54	86	100	100
	2014-15	95	--	--	100	100
MPhil	2010-11	140	18	05	100	100
	2011-12	64	16	9	100	100
	2012-13	64	17	10	100	100
	2013-14	122	09	16	100	100
	2014-15	81	--	--	100	100

33. Diversity of students

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MA	87	10	03	--
MPhil	87	10	03	--
PhD	87	10	03	--

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Year	Number of Students	NET	SET
2010	15	07	02
2011	10	08	-
2012	25	15	-
2013	18	07	01
2014	23	08	-



35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	40
PG to PhD	20

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	40
from other universities within the State	60
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period. **PhD : 02**

38. Present details of departmental infrastructural facilities with regard to

a) Library: **Books more than 5000, back volumes more than 25 and theses more than 100)**

Year	Number of Books/Journals	Amount (in ₹)
2010-11	50/0	5,408
2011-12	08/0	1,794
2012-13	425/0	1,10,000
2013-14	-	-
2014-15	-	-

b) Internet facilities for staff and students: **Yes, we provided ICT lab to students and Internet facilities to teachers in their cabins.**

c) Total number of class rooms: **02**

d) Class rooms with ICT facility: **01**

e) Students' laboratories: **Nil**

f) Research laboratories: **Nil**



39. List of doctoral, post-doctoral students and Research Associates :

2011-12

1. Asha K. Gohil, Supervisor: Dr MH Patel
2. Ashokbhai P. Solanki, Supervisor: Dr MH Patel
3. Hitesh Pandya, Supervisor: Dr Bhagirath Brahmbhatt
4. Rajendrasinh J. Gohil, Supervisor: Dr Bhagirath Brahmbhatt

2012-13

5. Ajay Chauhan, Supervisor: Dr MH Patel
6. Padmaben C. Patel, Supervisor: Dr MH Patel
7. Anil vala, Supervisor: Dr Param Pathak
8. Harshada Shah, Supervisor: Dr Param Pathak
9. Kirit Patel, Supervisor: Dr Param Pathak
10. Ashwin Brahambhatt, Supervisor: Dr Bhagirath Brahmbhatt
11. Sajidali y saiyad, Supervisor: Dr Gunvant Vyas
12. Dharmesh P Surati, Supervisor: Dr Gunvant Vyas
13. Hari Vala, Supervisor: Dr Naresh Ved
14. Satish Priyadarshi, Supervisor: Dr Naresh Ved
15. Pallavi Thakar, Supervisor: Dr Naresh Ved
16. ShivSankar Joshi, Supervisor: Dr PD Pandya
17. Sivshankar H. Joshi, Supervisor: Dr PD Pandya

2013-14

18. Harendra Pandya, Supervisor: Dr Gunvant Vyas
19. Rameshchandra Chaudhri, Supervisor: Dr Pinakini Pandya

2014-15

20. Manjulaben chimanbhai Chaudhari, Supervisor: Dr Mansingbhai Chaudhari
21. Shantivan j Konkani, Supervisor: Dr Mansingbhai Chaudhari
22. Nila Champavat, Supervisor: Dr Bhagirath Brahmbhatt
23. Sudha Rathva, Supervisor: Dr Pinakini Pandya

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	19	43	40
2011-12	17	34	30
2012-13	29	10	30
2013-14	26	38	40
2014-15	17	21	41
Total	108	146	181

Note : Free Studentships are also provided to meritorious students from self finance fund.



Sr. No	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	-	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Ms FM Diwan		
3	2012-13	Ms I M Diwan		
4	2013-14	Ms AR Thakor		
5	2014-15	Ms KD Christian		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Due to University rules, the board of the study (B.O.S.) is organized by all subjects. B.O.S in Gujarati meets regularly and followed a systematic process in the design and development of the curriculum.

42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

- a) does the department utilize the feedback?

Department Change teaching strategies accordingly

- b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Department evaluate these feedback and include them in Further teaching process.

- c) alumni and employers on the programmes offered and how does the department utilize the feedback?

Department obtain feedback from alumni and change our strategy

43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Place
Ajay Chauhan	Asst. Professor	Govt. College, Meghraj
Jignesh Thakkar	Asst. Professor	Govt. College, Visnagar
Nitin Rathod	Asst. Professor	Central Uni. Silwasa, Silwasa
Varsha Rohit	Asst. Professor	Govt. College, Devgadhi Baria
Nayana Parmar	Asst. Professor	Govt. College, Bahuchraji
Farhana Diwan	Asst. Professor	Arts College, Radhnipur
Pinakin Joshi	Asst. Professor	Govt. College, Surat
Urvashi Dave	Asst. Professor	Arts College. Surat
Ramesh Chaudhri	Asst. Professor	P.G Department, Gujarati, SPU
Sudha Rathwa	Asst. Professor	P.G Department, Gujarati, SPU



44. Give details of student enrichment programmes (special lectures/workshops/ seminar) involving external experts. Department does involved in this process and 59 external experts were invited through special lecture, workshop and seminars.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-11.pdf

45. List the teaching methods adopted by the faculty for different programmes.

Teaching strategies included lectures, discussions, small group projects, individual projects, field experience, course work, and quiz. Faculty are using technology. Content delivery and other interactive strategies are innovative.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? **By Feedback and Evaluation**

47. Highlight the participation of students and faculty in extension activities.

Sr. No.	Year	Name of the student	Participated in (Name of the Game/Event)	Level of the Game/Event i.e. University/ Regional/ State/ Zonal/ National/ International	Name of medal like Gold, Silver, Bronze, Runner, etc. (if student have won the prize)
1	2010-11	Hiren Gadhavi	Folk orchestra	University Level	Second
2	2010-11	Dharmishtha kakadiya	Folk orchestra		Second
3	2010-11	Narendra Patel	Folk orchestra		Second
4	2010-11	Nimesh Gadhavi	Folk orchestra		Second
5	2010-11	Priskilla Parmar	Folk orchestra		Second
6	2010-11	Jignesh Joshi	Folk orchestra		Second
7	2011-12	Jashvant Panchal	Folk orchestra		First
8	2011-12	Nitin Patel	Folk orchestra		First
9	2011-12	Ragini Rami	Folk orchestra		First
10	2011-12	Manisha Panchal	Folk orchestra		First
11	2011-12	Bhumika Rathod	Folk orchestra		First



Sr. No.	Year	Name of the student	Participated in (Name of the Game/Event)	Level of the Game/Event i.e. University/ Regional/ State/ Zonal/ National/ International	Name of medal like Gold, Silver, Bronze, Runner, etc. (if student have won the prize)
12	2011-12	Sailesh Tamboliya	Folk orchestra		First
14	2011-12	Hiren Gadhvi	Folk orchestra		First
15	2011-12	Manish Gadhavi	Folk orchestra		First
16	2011-12	Dipak Patel	Folk orchestra		First
15	2011-12	Ankita Patel	Rangoli		Second
16	2012-13	Nitin Patel	Rangoli		Third
17	2013-14	Farhana Diwan	Rangoli		Second
18	2013-14	Deval Shah	Photography		Third
19	2010-11	Jignesh Joshi	Youth festival		Second
20	2010-11	Nimesh Gadhavi	Youth festival		Second
21	2010-11	Narendra Patel	Youth festival		Second
22	2010-11	Dharmishta Kakadiya	Youth festival		Second
23	2010-11	Priskilla Chauhan	Youth festival		Second
24	2010-11	Hiran Gadhavi	Youth festival		Second
25	2011-12	Jashvant Panchal	Youth festival		First
26	2011-12	Nitin Patel	Youth festival		First
27	2011-12	Dipak Patel	Youth festival		First
28	2011-12	Manish Gadhavi	Youth festival		First
29	2011-12	Hiren Gadhavi	Youth festival		First
30	2011-12	Ragini Rami	Youth festival		First
31	2011-12	Bhumika Rami	Youth festival		First



Sr. No.	Year	Name of the student	Participated in (Name of the Game/Event)	Level of the Game/Event i.e. University/ Regional/ State/ Zonal/ National/ International	Name of medal like Gold, Silver, Bronze, Runner, etc. (if student have won the prize)
32	2011-12	Sailesh Tambodiya	Youth festival		First
33	2011-12	Manisha Chavda	Youth festival		First
34	2011-12	Ankita Patel	Rangoli		Second
35	2012-13	Nitin Patel	Rangoli		Third
36	2013-14	Farhanabanu Diwan	Rangoli		second
37	2013-14	Deval Shah	Rangoli		Third
38	2014-15	KhokharSakirah mad	sport	State	-
39	2014-15	Nayan Boghra	Debate	University Level	Second
40	2014-15	Kamlesh Parmar	Poetry writing		First
41	2014-15	Manisha chavda	Essay writing		Second

48. Give details of “beyond syllabus scholarly activities” of the department.

1. Mountaining Program
2. Cleanliness Movement
3. Women Empowerment
4. Student week on Leadership
5. Student Literature Forum
6. Youth Festival
7. Cultural Tour
8. Student Exchange Program
9. Creative Workshop
10. Matrubhasa Din
11. Poetry Writing
12. Essay Competition
13. Group Discussion
14. Wall Magazine
15. Book Writing and Publishing

49. State whether the programme/department is accredited/graded by other agencies?
If yes, give details. NA



50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- We have completed major research projects to generating new knowledge in the field of Folklore, linguistics, Diaspora and Motif.
 - We have published 27 Books more than 11 books have referential status in the field of criticism
 - We have introduced new paper such as stylistics, comparative study, art of film appreciations to generating new knowledge.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Our Department is SAP Department. • Teachers are highly qualified. All teachers achieved Ph.D degree and received grants for thee major and minor research project from UGC prominent poets and writers are working in our department as a faculty members. • Our major research areas are Folklore, linguistics Diaspora Literature, Comparative Study, Motif Study etc. We have collected Research data from various part of Gujarat for the study of language and folk literature by fieldwork. We completed 02 major research projects and 04 minor research projects,01 minor research project and 01 major research project are our ongoing research work including fieldwork. • Our 47 students are success in NET Exam during last five years. More than 20 students received JRF among them. • 29 books are published by thee department.02 books (seminar Proceeding) are in press. • Our department is highly active department. We had organized more than 10 national seminars and workshops in last five years to reach horizon of knowledge.
Weaknesses
<ul style="list-style-type: none"> • We teach regional language Gujarati. So our department cannot recognize as a national-international status. • Students have less job opportunities. They have to compromise with fix salary. Sometimes they become depress. So they do not prefer to learn in Arts faculty. Day by day students strength are decreasing. • We want to introduce job oriented and skill based new courses but teachers are not sufficient. There are three vacant posts in our department.
Opportunities
<ul style="list-style-type: none"> • We received SAP programme. So we will get opportunities to work on history of research work in Gujarati literature. There is no historical study of research in Gujarati subject. So our department get opportunities to work on it. • We have introduced life enrichment course in M.A. programme. The course aims to remain in contact with our true entitled consciousness.



<p>It will get opportunities to understand the totality of education. And Student will find progressive balance between inner growth and outer action. It will be helpful to society.</p>
<p>Challenges</p>
<ul style="list-style-type: none">• A computer-oriented education has created more acute challenges to the humanities than to disciplines in other academic spheres.• The humanities subjects are traditionally conceived as a book oriented and non computing disciplines. There exists a perceptible wide gap between the most traditional and most futuristic, between the warmth of humanistic concerns and coldness of digital manipulation, between subtlety of mind and the uniformity of machine.• The widespread implementation of computer-aided teaching facilities shift from a textbook-based teacher centred approach to more interactive and learner centred approach. It makes challenge on way of students.• The historical evolution of humanities is big challenge in our age. The breaking down of traditional boundaries between discipline and fosters the transition form a strictly intra-disciplinary approach to teaching and learning to multidiscipline is become challengeable today.• We have to develop the centrality of the humanities to the quest for knowledge and societal advancement.

52. Future plans of the department.

- **SAP Research Project Work.**
- **Work on Area Study.**
- **Introduced New Course and Papers which would be research based.**
- **Paper Introduction on Contemporary Literature.**

18. DEPARTMENT OF HINDI

- Name of the Department: **Hindi**
- Year of the Establishment: **1958**
- Is the Department part of a School/Faculty of the university?
Yes. Faculty of Arts.
- Names of programmes offered: **MA, MPhil (Regular & Self-financed, PhD), Diploma in Functional Hindi & Drama**
- Interdisciplinary programmes and departments involved. **Nil**
- Courses in collaboration with other universities, industries, foreign institutions, etc **Nil**
- Details of programmes discontinued, if any, with reasons. **Nil**
- Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, quiz, assignments, presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based question. The semesters end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related function.**
- Participation of the department in the courses offered by other departments. **CIIST, Home Science, Biosciences**
- Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	02	01	03
Associate Professor	03	01	-
Assistant Professor	05	03	02
Others	-	-	-

- Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr Dayashankar Tripathi	MA, PhD	Professor & Head	Medieval Poetry	25 Years	MPhil : 28 PhD : 08



Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr Navneet Chauhan	MA, MPhil, PhD	Professor	Dramatics	25.5 Years	MPhil : 23 PhD : 07
Dr Madanmohan Sharma	MA, MPhil, PhD	Professor	Dramatics	23 Years	MPhil : 24 PhD : 05
Dr HM Parmar	MA, PhD	Asst. Lecturer	Katha Sahitya	13 Years	MPhil : 24 PhD : -
Dr Seema Rathod	MA, PhD	Asst. Lecturer	Gadya Sahitya	4.5 Years	MPhil : 04 PhD : -

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of Fellows/Faculty, Emeritus Professors	Designation	Department/University/Institution	Year of Visit
Dr Manoj Patel	Principal	CB Patel Arts, Nadiad	19-09-11 to 01-10-11
Dr Sultan Ahmed	Associate Professor/Head	SB Arts College, Ahmedabad	30-01-15

13. Percentage of classes taken by temporary faculty – programme-wise information:
Nil

14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio
MA Semester I	2010-11	102:8
	2011-12	79:6
	2012-13	95:6
	2013-14	53:6
	2014-15	34:6
MA Semester III	2010-11	66:8
	2011-12	102:6
	2012-13	60:6
	2013-14	80:6
	2014-15	43:6



Programme	Years	Ratio
MPhil	2010-11	14:08
	2011-12	21:06
	2012-13	14:06
	2013-14	24:06
	2014-15	30:06
DIP (Dramatics)	2010-11	01:08
	2011-12	00:6
	2012-13	00:6
	2013-14	00:6
	2014-15	00:6

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	01	01	-
Administration	03	02	02+02 (contractual)

16. Research thrust areas as recognized by major funding agencies **Nil**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: **Nil**
18. Inter-institutional collaborative projects and associated grants received
a) National collaboration b) International collaboration
Nil
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Nil**
20. Research facility/centre with State, National and International Recognition : **Nil**
21. Special research laboratories sponsored by/created by industry or corporate bodies: **NA**
22. Publications:
a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Papers Published	National	International
2010-11	11	10	01
2011-12	06	04	02
2012-13	06	04	02
2013-14	03	02	01
2014-15	02	01	01



Total	28	21	07
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- b) Monographs: **Nil**
 - c) Chapters in Books: **06**
 - d) Edited Books: **02**
 - e) Books with ISBN with details of publishers: **06**
 - f) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): **Nil**
 - g) Citation Index – range/average: **Nil**
 - h) SNIP: **Nil**
 - i) SJR: **Nil**
 - j) Impact Factor – range/average: **Nil**
 - k) h-index: **Nil**
23. Details of patents and income generated: **Nil**
24. Areas of consultancy and income generated: **Nil**
25. Faculty selected nationally/internationally to visit other laboratories/ institutions/industries in India and abroad **Nil**
26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Name of the faculty	Committee Name	National/International/ Editorial Board	Year of Joining
Dr Dayashankar Tripathi	PRAGNA	National	2012 to till date
Dr Dayashankar Tripathi	Sahitya Parivar	National	2011 to till date
Dr MM Sharma	Sheal Srhutam	National	2011 to 2015

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf

28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects: **100%**
 - percentage of students doing projects in collaboration with other universities/industry/institute **Nil**



29. Awards/recognitions received at the national and international level by

- Faculty: **Nil**
- Doctoral / post doctoral fellows: **Nil**
- Students: **Nil**

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-13.pdf

31. Code of ethics for research followed by the departments:

As per the university guidelines framed from time to time.

32. Student profile programme-wise:

Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
MA	2010-11	126	88	83	100	100
	2011-12	107	83	96	100	100
	2012-13	86	65	95	100	100
	2013-14	45	52	84	100	100
	2014-15	33	-	-	100	100
MPhil	2010-11	125	11	03	100	100
	2011-12	50	14	07	100	100
	2012-13	58	10	04	100	100
	2013-14	83	10	14	100	100
	2014-15	73	-	-	100	100

33. Diversity of students

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MA	80	16	04	-
MPhil	80	20	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Year	Number of Students	NET	SET
2010-11	-	-	-
2011-12	04	02	02



Year	Number of Students	NET	SET
2012-13	-	-	-
2013-14	02	-	02
2014-15	01	01	-

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	-
PG to MPhil	75
PG to PhD	05

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	50
from other universities within the State	50
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period Nil

38. Present details of departmental infrastructural facilities with regard to

a) Library: **7,959 Books**

Year	Number of Books/Journals	Amount (in ₹)
2010-11	-	-
2011-12	-	-
2012-13	203/0	1,10,000
2013-14	-	-
2014-15	-	-

b) Internet facilities for staff and students: **Each of the faculty has been provided with an Internet connection and can have access to journals provided by the UGC and INFLIBNET.**

c) Total number of class rooms: **04**

d) Class rooms with ICT facility: **01**

e) Students' laboratories: **Nil**

f) Research laboratories: **Nil**

39. List of doctoral, post-doctoral students and Research Associates:

2010-11

1. Vipul Raval, Supervisor: Dr DS Tripathi

2. Sunita K.Supahiya, Supervisor: Dr DS Tripathi

3. Maheshchandra Gupat, Supervisor: Dr NK Chauhan



4. Bharat Dodiya, Supervisor: Dr NK Chauhan

2011-12

5. Prakash Patel, Supervisor: Dr NK Chauhan

2012-13

6. Anubha P.Negi, Supervisor: Dr MM Sharma

7. Jayendra M.Mahida, Supervisor: Dr MM Sharma

8. Suresh F.Patel, Supervisor: Dr MM Sharma

9. Narendra Rathor, Supervisor: Dr DS Tripathi

2013-14

10. Jigyasha Shah, Supervisor: Dr MM Sharma

11. Harkishan Vyas, Supervisor: Dr DS Tripathi

12. Shushila Vyas, Supervisor: Dr DS Tripathi

13. Govind Nandaniya, Supervisor: Dr DS Tripathi

14. Vishnu Machhi, Supervisor: Dr NK Chauhan

2014-15

15. Harita R.Joshi, Supervisor: Dr MM Sharma

16. Bhavna Thakkar, Supervisor: Dr DS Tripathi

17. Ramsinh Parmar, Supervisor: Dr DS Tripathi

18. Maheshchandra Gupat, Supervisor: Dr NK Chauhan

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	20	39	31
2011-12	13	41	18
2012-13	26	18	28
2013-14	27	33	27
2014-15	13	24	23
Total	99	155	127

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	-	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Ms VJ Pandit		
3	2012-13	Mr PL Mahida		
4	2013-14	Mr BP Vankar		
5	2014-15	Miss Manjusha Agarwal		



41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Departmental Faculty Discussion before Introducing any Programme.

42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

- a) does the department utilize the feedback?

Nil (Students do not understand feedback form properly as they are having background of Gujarati and Hindi language)

- b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Through Feedback sheets as given in the NAAC Manual

- c) alumni and employers on the programmes offered and how does the department utilize the feedback? **Nil**

43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered	Year of Passing
Dr Govind Nandaniya	Asst Lecturer	PhD	2014
Dr Indu Ghadvi	Asst Lecturer	PhD	2012
Mr Paresh Patel	Teacher	MA	2010
Mr Ashwin Makwana	Teacher	MA, MPhil	2010
Dr Ramsingh Parmar	Asst Lecturer	PhD	2014
Dr Himmatsingh Chauhan	Teacher	MPhil	2010
Dr Narendra Rathod	Teacher	PhD	2013
Dr Vipul Raval	Asst Professor	PhD	2010
Mr Mukundkumar Parmar	Teacher	MPhil	2010
Mr Dinesh. Solanki	Gram Sevak	PhD	2015

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.

Year	Name of Events	Details of Events
2011-12	Special Lectures	Dr Manoj Patel “Drama”
2014-15		Dr Sultan Ahmed Katha Sahitya
2010-11	Workshops	Theater Techniques with NSD Experts
2010-11	Seminar	Prodyogiki Aur Bhashashikshan: Chunotiya Aur Samasyen
2013-14		Hindi Ki Marksvadi Alochana Aur Dr Shivkumar Mishra



45. List the teaching methods adopted by the faculty for different programmes.
Classroom Interaction with Students.
Situation is given to student based on current trends.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Create an Opportunity for Students by showing the relation in between Theoretical and Practical aspects of course.
In Seminar Students are given an opportunity to ask or raise their query related to the programme or curriculum
47. Highlight the participation of students and faculty in extension activities.
Student took part in Street play in various remote area of District or villages on various issues like health, education scheme etc.
Students took part in Cultural programme organized by other institution.
Students took part in youth festival every year (Zonel Level).
48. Give details of “beyond syllabus scholarly activities” of the department. **Nil**
49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **Nil**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. **Nil**
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • One of the best department in Gujarat. • First Dept. Which is given SAP in Gujarat. • Literature in Specialization of Drama, Competitive Literature, Translation, Indian Literature. • Different type Seminar on Bhasha paudhyogi ki chunotiyen etc. • Fertile Faculty (2 are JRF, 1 NET).
Weaknesses
<ul style="list-style-type: none"> • Students get less Job opportunity in Hindi subjects. • Less Student Strength. • Vacancy of teaching position due to pending clearance from Government. • 30% Teaching Post are vacant.
Opportunities
<ul style="list-style-type: none"> • Scope for Collaborative Research. • Scope for Getting Status of Special Department. • Scope for Getting Permanent Research Centre on Indian dice by UGC. • Scope for conducting Multi Disciplinary Research Project.
Challenges
<ul style="list-style-type: none"> • Maintaining of Student Strength.



- **Exposing Faculty and student to global educational trend.**
- **Placement of Students.**

52. Future plans of the department.

- **Given and individual identity as Rajbhasha Prakost.**
- **Department should be specialize as Devnaagri, Drama, Competitive Literature, Indian Literature.**
- **Interdisciplinary Research Facility.**
- **To Publish Department Research Journals.**



19. DEPARTMENT OF HISTORY

- Name of the Department: **History**
- Year of the Establishment: **1958**
- Is the Department part of a School/Faculty of the university?
Yes. Faculty of Arts.
- Names of programmes: **MA, MPhil & PhD**
- Interdisciplinary programmes and departments involved
- Courses in collaboration with other universities, industries, foreign institutions, etc: **Nil**
- Details of programmes discontinued, if any, with reasons: **Nil**
- Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
- Participation of the department in the courses offered by other departments: **Nil**
- Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	01
Associate Professor	01	-	-
Assistant Professor	02	02	01
Others	-	-	-

- Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr JM Pandya	Professor and Head	Professor and Head	Modern India: Socio-Religious Movements in Gujarat		PhD : 10 MPhil: 01
Dr DC Chaudhary	Assistant Professor	Assistant Professor	Modern India: History of Freedom movement.		-
Dr Hemant Dave	PhD	Assistant Professor	Modern India: History of Freedom		MPhil: 01



Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
			movement.		

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of Guest Faculty	Dates of visit
2010–11	
Dr Kalpa Manek	7–10–2010, 8–10–2010
Prof RJ Shah	13–9–2010 to 27–9–2010
Prof PG Korat	13–1–2011 to 27–1–2011
2011–12	
BN Gandhi	25–9–2012
Dr Prafulla Raval	28–9–11 and 29–9–11
Prof RJ Shah	2–1–12 to 16–1–12
Prof PG Korat	17–1–2012 to 31–1–2012
2012–13	
Prof SV jani	26–2–2013
2013–14	
Prof PG Korat	17–9–2013
Prof SV Jani	8–1–2014
Dr Arun Vaghela	3–1–2014, 4–1–2014
Prof RJ Shah	16–1–2014 to 30–1–14
Dr MJ Parmar	5–2–2014 and 6–2–2014
Prof Prafulla Raval	7–2–2014 and 8–2–2014
Dr Dharmesh Pandya	17–2–2014 to 3–3–2014
2014–15	
Prof Prafulla Raval	19–1–2015 and 20–1–2015
Prof Kalpa Manek	21–1–2015 and 22–1–2015
Prof Bharat Mehta	13–2–2015
Prof Arun Vaghela	18–2–15 and 19–2–2015

13. Percentage of classes taken by temporary faculty – programme-wise information:

NA

14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio
MA	2010-11	20:1
	2011-12	20:1
	2012-13	20:1
	2013-14	20:1
	2014-15	20:1



MPhil	2010-11	20:1
	2011-12	20:1
	2012-13	20:1
	2013-14	20:1
	2014-15	20:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

Common for English, Gujarati, History, Political Science, Sanskrit and Sociology.

	Sanctioned	Filled	Actual
Technical	-	-	-
Administration	-	-	08+04 (contractual)

16. Research thrust areas as recognized by major funding agencies

Modern Indian History, History of Freedom Movement.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: **Nil**
18. Inter-institutional collaborative projects and associated grants received
a) National collaboration b) International collaboration
Nil
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Name of Project	Funded by	Total Grant Received (in ₹)	Year
Hemant Dave Gujarat before Gandhi (1848–1915): A Genealogy of Gandhian Ideology	UGC	4,89,500	2,17,941

20. Research facility/centre with State, National and International Recognition: **NA**
21. Special research laboratories sponsored by/created by industry or corporate bodies: **NA**
22. Publications:
a) Number of papers published in peer reviewed journals (national/international):-

Year	Number of Papers Published	National	International
2010-11	01	01	00
2011-12	01	00	01



2012-13	01	01	00
2013-14	01	01	00
2014-15	00	00	00
Total	04	03	01

- b) Monographs: **Nil**
- c) Chapters in Books: **02**
- d) Edited Books: **Nil**
- e) Books with ISBN with details of publishers: **01**
- f) Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Not Applicable**
- g) Citation Index – range/average: **Not Applicable**
- h) SNIP: **Not Applicable**
- i) SJR: **Not Applicable**
- j) Impact Factor – range/average: **Not Applicable**
- k) h-index: **Not Applicable**
23. Details of patents and income generated: **Not Applicable**
24. Areas of consultancy and income generated: **Not Applicable**
25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad: **Nil**
26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)
27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf

28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects **Nil**
 - percentage of students doing projects in collaboration with other universities/industry/institute
29. Awards/recognitions received at the national and international level by **Nil**
- Faculty:
 - Doctoral / post doctoral fellows:
 - Students:
30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Please do refer Volume-II and URL :

www.spuvvn.edu/iqac/rar16/annexures/ann-13.pdf



31. Code of ethics for research followed by the departments

The Department is strictly adhered to code of ethics for research that was formulated in the university guidelines formed by Board of research studies. The University is very attentive regarding malpractices and plagiarism in research.

32. Student profile programme-wise:

Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
MA	2010-11	77	76	33	100	100
	2011-12	81	59	36	100	100
	2012-13	65	51	42	100	100
	2013-14	58	61	42	100	100
	2014-15	65	-	-	100	100
MPhil	2010-11	40	-	-	100	100
	2011-12	17	-	-	100	100
	2012-13	25	-	-	100	100
	2013-14	20	-	-	100	100
	2014-15	08	-	-	100	100

33. Diversity of students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MA	90	10	-	-
MPhil	90	10	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Year	Number of Students	Others
2010-11	03	03
2011-12	01	01

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	1 (through MPhil Entrance Test)
PG to PhD	1 (through PhD Entrance Test)



36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	67
from other universities within the State	33
from universities from other States	Nil
from universities outside the country	Nil

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period **Most of the faculties had done MPhil/PhD before assessment period.**

38. Present details of departmental infrastructural facilities with regard to

a) Library:

Year	Number of Books/Journals	Amount (in ₹)
2010-11	134/0	65,677
2011-12	88/0	74,275
2012-13	87/0	1,10,000
2013-14	19/0	8,290
2014-15	133/0	1,14,322

b) Internet facilities for staff and students: **Each of the faculty has been provided with an Internet connection and can have access to journals provided by the UGC and INFLIBNET.**

c) Total number of class rooms: **03**

d) Class rooms with ICT facility: **01**

e) Students' laboratories: **Nil**

f) Research laboratories: **Nil**

39. List of doctoral, post-doctoral students and Research Associates:

2012-13

1. Bhavna Prajabpati, Supervisor: JM Pandya
2. Mukesh Joshi, Supervisor: JM Pandya

2013-14

3. Maulesh Pandya, Supervisor: JM Pandya
4. Vinubhai B Talpada, Supervisor: JM Pandya
5. Dharmishtha Modi, Supervisor: JM Pandya

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>



40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	9	22	12
2011-12	05	20	09
2012-13	09	15	15
2013-14	14	25	11
2014-15	09	28	19
Total	46	110	66

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	-	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Mr DB Baraiya		
3	2012-13	Mr BS Gosai		
4	2013-14	Ms TP Chaudhari		
5	2014-15	Mr SB Barot		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

The University has a well organised system of curriculum design and development. Each Department has a Board of Studies at UG & PG levels consisting of experts from the faculty of the Department and from other Universities, representatives from industry and student representatives. Concerned subjects in different departments are grouped as one faculty and a senior teacher is nominated as the Chairperson. The Boards of Studies scrutinize two issues i.e., need assessment and feedback from the stakeholders before designing and developing the curriculum.

42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

- does the department utilize the feedback? **Yes**
- students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **Yes**
- alumni and employers on the programmes offered and how does the department utilize the feedback? **Yes**

43. List the distinguished alumni of the department (maximum 10)

- Prof RK Dharaiya, PhD student, Professor and Ex-head, Dept of History, Gujarat University, Amdavad.
- JB Patel, MA, Professor, Dept of History, Svaminarayan Arts College, Amdavad.
- RG Pandya, PhD student, Professor and Head, Dept of History, Botadkar Arts and Commerce College, Bhavnagar.
- RP Pandya, PhD student, Professor and Ex-head, Dept of History, SP University, V V Nagar.



- **JM Pandya, MA and PhD student, Professor and Head, Dept of History, SP University, VV Nagar.**
 - **Jignasa Vyas, MA and PhD student, Lecturer, Dept of History, Bhadran Arts COLlege, Bhadran.**
 - **DC Pandya, MA and PhD student, Associate Professor and Head, Dept of History, Arts and Commerce College, Vyara.**
 - **Hemant Dave, MA student, Assistant Professor, Dept of History, SP University, V V Nagar.**
 - **Dharmishtha Modi, PhD student, Associate Professor, Dept of History, Seth PT Arts and Science College, Godhra.**
 - **Ghanshyam Vankar, MA student, Public Relation Officer, Rajpipla Sevasadan, Rajpipla**
44. Give details of student enrichment programmes (special lectures/workshops/ seminar) involving external experts. **Nil**
45. List the teaching methods adopted by the faculty for different programmes.
- The teaching pedagogy includes class room instruction with help of audio visual aids particularly PPT presentations, case study method, organizing business games, simulation methods, role play, group discussion, brain storm session, business quiz, seminar presentations, industry profile, organization of local industrial visits, guest lectures by invited speakers and the like.**
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- Each and every programme is monitored throughout the period to ensure conformity with what has been set as course objectives and leaning outcomes. The methods adopted for the purpose includes continuous assessment, observations, semester end tests and results, participations in competitions, contributions of new thoughts and ideas, and innovativeness and leadership.**
47. Highlight the participation of students and faculty in extension activities.
- The students are encouraged to participate in extra curricular activities at department and university level.**
48. Give details of “beyond syllabus scholarly activities” of the department.
- The students are encouraged to participate in extra curricular activities at department and university level.**
49. State whether the programme/department is accredited/graded by other agencies? If yes, give details.



50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Department of History arranges Guest Lectures and expert talks. Apart from that, students are being trained for the competitive world so that they can complete.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Dedicated, committed, and well qualified faculty. • Long tradition of research and publication. • Thrust areas are varied (includes Moderna and Anceint Indian History) • Strong interdisciplinary research activities. • Satisfactory infrastructure facilities. • The Department is one of the strongest in Gujarat. • Strong faculty exchange programme. (on an average, we invite three to four faculties during a semester) • The Department have been organising seminars in the thrust areas and inviting the best scholars.
Weaknesses
<ul style="list-style-type: none"> • Vacancy in teaching staff due to pending clearance from Government. • Lack of resource material for research (the archives are located in distant places) • 90% of the students come from weaker sections of the society and usually lack command over Gujarati and Hindi languages and logic. Most of them are first generation, at best second generation, learners.
Opportunities
<ul style="list-style-type: none"> • Courses like MPhil have been revived recently. In the coming year, the Department hopes to lay a solid foundation for research oriented programmes. • Our curriculum is uptodate and in tandem with the competitive exams like NET, SLET, TET and TAT, and we wish more number of students qualify in future. • The CBCS has introduced many interdisciplinary programmes. Though as of now they are not materilaised to their potentialities, we hope things would be better in future.
Challenges
<ul style="list-style-type: none"> • Increasingly beaucroatic environment and lack of independence in the university. • The Semester system has introduced a number of challenges: most of the quality time goes in examination process (paper drawing, supervision, flying squade, checking scripts, preparing internal marksheet, etc.). Exam duties have become more important than teaching and research.



- **Insistence on English as the medium of PhD and MPhil exams and dissertations has been one of the most unfortunate constraints. Most of the students lack facility in English and cannot make a good show. Poor translations of the dissertations are on the rise.**

52. Future plans of the department.

The department is looking for some new interdisciplinary courses to be introduced. We are looking for some new technology oriented learning avenues for students.

20. DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

1. Name of the Department: **Library and Information Science**
2. Year of the Establishment: **1982**
3. Is the Department part of a School/Faculty of the university?
Yes. Faculty of Arts.
4. Names of programmes offered: **BLISc, MLISc and MPhil, Post Graduate in Library Networking & Digital Technology & PhD.**
5. Interdisciplinary programmes and departments involved in

Sr. No.	New Programme	Duration	Interdisciplinary nature	Give brief account about the relevance of each programme
1	Post Graduate in Library Networking & Digital Technology	02 Semester	IT, Library & Information Science, Management	Looking to current time it is most desired course to prepare the next generations LIS Professionals

6. Courses in collaboration with other universities, industries, foreign institutions, etc **Nil**
7. Details of programmes discontinued, if any, with reasons. **Post Graduate in Library Networking & Digital Technology is Suspended (Not Discontinued) because of lack of students interest and lack of faculties.**
8. Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
9. Participation of the department in the courses offered by other departments: **Nil**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	-	-	-
Associate Professor	02	-	-
Assistant Professor	01	01	01 + 02 (contractual)
Others	-	-	-



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr ND Oza	PhD in LIS	Asst. Professor	Digital Lib.	13 Years and 02 Months	MPhil : 04 PhD : 03
Ms VH Chauhan	MLISc, MPhil	Teaching Assistant	-	11 Months	(She was appointed as a Teaching Assistant for the fix Tenure)
Ms SG Joshi	MLISc		-	04 Years	(She was appointed as a Teaching Assistant for the fix Tenure)
Prof CN Rawal	PhD in LIS	Professor	Info. Services	28 Years	MPhil : 28 PhD : 02 (Expired in 2010)
Prof UA Thaker Up to Oct.2014	PhD in LIS	Professor	Info. Retrieval	32 Years	MPhil : 32 PhD : 04 (Retired on 31/10/2014)

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of Fellows/Faculty, Emeritus Professors	Designation	Department/University/Institution	Year of Visit
Dr CK Patel	Librarian	Faculty of Technology, DDU Nadiad	2010-12
Dr Shailesh Yagnik	Librarian	Head, KEIC, Mudra Institute of Communication, Ahmedabad	2010-12



Name of Fellows/Faculty, Emeritus Professors	Designation	Department/University/Institution	Year of Visit
Dr Manish Pandya	Rtd Librarian	Space Application Centre ISRO, Ahmedabad	2010-12
Dr Sohel Pandya	Asst. Prof.	SVNIT Vasad	2010-14
Dr Shishir Mandaliya	Assistant Librarian	Bhaikaka Library, SP University, VV Nagar	2010-13
Mr L M Katara	Librarian	V P Science College, VV Nagar	2010-14
Mr Sumanbhai Parekh	Librarian	R K Parekh, Science and Arts College, Petlad	2010-11
Dr Raju Rathod	Professor	MBA Department, SP University, VV Nagar	2015-16
Dr Yagnesh Dalwadi	Associate Prof.	Department of Business Studies, SP University	2015-16
Dr Kailash Tandel	Librarian	Agriculture University, Navsari	2014-15

13. Percentage of classes taken by temporary faculty – programme-wise information:

List of Programme	Faculty (Permanent/Temporary)	Percentage
BLISc	Temporary	40
MLISc	Temporary	60
Library Networking & Digital Technology	Temporary	50

14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio
BLISc	2010-11	39:3
	2011-12	33:2
	2012-13	31:2
	2013-14	25:2
	2014-15	20:1
MLISc Full Time/Part time	2010-11	33:3
	2011-12	34:2
	2012-13	32:2
	2013-14	17:2
	2014-15	27:1
MPhil	2010-11	18:3
	2011-12	5:1
	2012-13	6:2



Programme	Years	Ratio
	2013-14	1:2
	2014-15	2:1
Library Networking & Digital Technology	2010-11	4:3
	2011-12	Programme Temporary Suspended
	2012-13	
	2013-14	
	2014-15	

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	-	-	-
Administration	-	-	02+01 (contractual)

16. Research thrust areas as recognized by major funding agencies

Digitization of Physical Resources, Institutional Repository, Enhanced Library Services in Digital and Post Digital Era.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: **NA**
18. Inter-institutional collaborative projects and associated grants received
a) National collaboration b) International collaboration

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Nil**
20. Research facility/centre with State, National and International Recognition : **Nil**
21. Special research laboratories sponsored by/created by industry or corporate bodies: **Nil**
22. Publications:

- a) Number of papers published in peer reviewed journals (national/international)

Year	Number Papers Published	National	International
2010	01	-	01
2011	01	01	-
2012	01	01	-
2013	-	-	-
2014	-	-	-
Total	03	02	01

- b) Monographs: **Nil**



- c) Chapters in Books: **Nil**
 - d) Edited Books: **Nil**
 - e) Books with ISBN with details of publishers: **01**
 - f) Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **Nil**
 - g) Citation Index – range/average: **Nil**
 - h) SNIP: **Nil**
 - i) SJR: **Nil**
 - j) Impact Factor – range/average: **Nil**
 - k) h-index: **Nil**
23. Details of patents and income generated: **Nil**
24. Areas of consultancy and income generated: **Nil**
25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad: **Nil**
26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify): **Nil**
27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs): **Nil**
28. Student projects: **NA**
- percentage of students who have done in-house projects including inter-departmental projects:
 - percentage of students doing projects in collaboration with other universities/industry/institute
29. Awards/recognitions received at the national and international level by: **Nil**
- Faculty:
 - Doctoral / post doctoral fellows:
 - Students:
30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.
- Please do refer Volume-II and URL:**
www.spuvvn.edu/iqac/rar16/annexures/ann-13.pdf
31. Code of ethics for research followed by the departments
As per university guidelines framed from time to time.



32. Student profile programme-wise:

Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
BLISc	2010-11	-	21	19	100	100
	2011-12	-	08	24	100	100
	2012-13	-	15	15	100	100
	2013-14	-	09	13	100	100
	2014-15	21	-	-	100	100
MLISc	2010-11	-	27	32	100	100
	2011-12	-	24	29	100	100
	2012-13	-	24	40	100	100
	2013-14	-	10	17	100	100
	2014-15	34	-	-	100	100
MPhil	2010-11	42	10	08	100	100
	2011-12	27	07	09	100	100
	2012-13	25	02	04	100	100
	2013-14	13	01	-	100	100
	2014-15	11	-	-	100	100

33. Diversity of students: Nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Year	Number of Students	NET	SET
2010-11	03	00	03
2011-12	02	01	01
2012-13	03	01	02
2013-14	05	01	04
2014-15	04	01	03

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	5 (through MPhil Entrance Test)
PG to PhD	1 (through PhD Entrance Test)

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	67
from other universities within the State	33
from universities from other States	-
from universities outside the country	-



37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period
38. Present details of departmental infrastructural facilities with regard to

a) Library : **3000 Books and 10 Journals**

Year	Number of Books/Journals	Amount (in ₹)
2010-11	40/0	52,230
2011-12	23/0	20,789
2012-13	113/0	2,00,000
2013-14	-	-
2014-15	07/0	28,262

- b) Internet facilities for staff and students: **18 Computers are available in Computer Lab.**
- c) Total number of class rooms: **02**
- d) Class rooms with ICT facility: **02**
- e) Students' laboratories: **01**
- f) Research laboratories: **01 Digital Lab comprises 15 computers for research development.**
39. List of doctoral, post-doctoral students and Research Associates :

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	0	0	01
2011-12	0	0	05
2012-13	02	0	03
2013-14	01	03	03
2014-15	02	02	07
Total	05	05	19

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	-	₹10,000/- (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Ms SA Patel		
3	2012-13	Ms TH Patel		
4	2013-14	Mr HG Rathod		
5	2014-15	Mr BN Sagara		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **Nil**



42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

a) does the department utilize the feedback?

Frequently Department Consider the Lectures if so, by appropriate changing in either method of teaching/evaluation or in the syllabus restructuring.

b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

At the End of Every Semester department collect Feedback Form from Students

c) alumni and employers on the programmes offered and how does the department utilize the feedback?

The actual practitioner’s view and academic warrant are always precious and department gave them due weightage as and when needed.

43. List the distinguished alumni of the department (maximum 10):

Name of Alumni	Present Profession	Programme Offered	Year of Passing
Dr ND Oza	Asst Professor & I/c Head	PhD	2010
Dr CK Patel	University Librarian	PhD	2010
Dr Kailash Tandel	I/c Librarian	PhD	2013
Dr HJ Patel	Asst Professor (Ad-hoc)	PhD	2015
Ms Nisha Maharaj	College Librarian	MPhil	2012

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-11.pdf

45. List the teaching methods adopted by the faculty for different programmes.

Lecture Method, Seminar, quiz, Demonstration, debate, Practice, Essay Competition.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Placement Ratio is evidence through which programme objectives are achieved.

47. Highlight the participation of students and faculty in extension activities.

- **Habit cultivation of library mind by assigning a small job in nearby private libraries.**
- **Painting.**
- **Debate Competition.**



48. Give details of “beyond syllabus scholarly activities” of the department.

NET, SLET Preparation, Research Paper Training

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **Nil**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Nil

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Teaching. • Research. • Innovative Programme. • Digitization Related Issues. • Placement/ Campus Interview.
Weaknesses
<ul style="list-style-type: none"> • Shortage of Staff/Faculty (at least 7 faculties). • Lacking of Technical Person. • Separate Building. • Post of Professor is not sanctioned. • Departmental Library with qualified person.
Opportunities
<ul style="list-style-type: none"> • Well-equipped Digital Laboratory. • Sophisticated Computer Laboratory. • Renowned Faculty (Retired but approachable). • Placement Ratio. • Campus Interview and reliability from employer.
Challenges
<ul style="list-style-type: none"> • Information Technology lamination on Information Science. • Field may be overcome by IT professionals. • Low no. Of enrolment in LIS due to govt. Negligence to filled up the vacant posts in all type of libraries. • Very Low number of dedicated and experience LIS Faculty and their promotion problem. • LIS courses are falls under the Arts faculty.

52. Future plans of the department.

The Department of Library and Information Science is striving for full fledged staff recruitment in regular manner since long. The situation before more difficult since October-2014 after the retirement of Prof UA Thaker We are in acute need of at least 02 Professors to Justify the courses offered by us.

Even though, for the coming Academic session, we are planning to refine the syllabus to match the industrial and academic Institutions requirement.



CURRICULAM

The Various papers in BLISc, MLISc (FT and PT both), and MPhil need a change. Some of the topics in the paper will be redesigned with the help of senior professionals and practitioners in the field. Especially, IT papers should be seriously under the consideration of change-Web 2.0, Web-3.0, Cloud computing, and other related topics should be covered in the MLISc instead of MPhil. While Digital Library environment should be covered both in BLISc (Basic Concepts Only) and MLISc (Advance Application). Management and other Core papers are also need to be changed.

TEACHING METHODS

Though traditional methods are useful and result oriented, we are using interactive learning method for the deep understanding among the students. Hands-on training is essential for the professional course. We practice practical training for the students from BLISc to MPhil

EVALUATION

Assessment of Assignment, Seminars, Workbook and Journals are carried out regularly throughout the year by faculty. Moreover Internal Test, Snap Test, Surprise Quiz in the subject are observed which will be continued in the next year also.

RESEARCH

DLIS supervise and guide the students those who are keen to and interested in research activity. In the MLISc w provide an environment to inspire and pursue research in the field. Because of Lacking of adequate number of faculty, the faculty themselves are not spare the time for serious and objective thinking due to busy schedule.

PLANNING

Teaching-Learning

- To call a distinguish and experienced visiting faculty from-NDDB, IRMA, DDU, INFLIBNET etc. On regular basis.
- To organize workshop for digital library and related areas.
- To organize special classes for effective communication-Spoken English, Personality Development, Stress Management etc.
- To organise a Study Tour for exposure to real practices in the field.

Research

- To attract more students for the guided research in MPhil.
- To impart them in the course work and methodology of research.
- To undertake Major Research Project by the more faculty members.

Publication

- To plan of for the book publication on the subjects.
- To start journal in the field with the help of Alumni Association of the Department.
- To encourage students for the paper publication.



Conference Seminars

- **To plan for the organisation of at least one-two seminars in the association with either Alumni or UGC.**
- **To encourage the faculty and students for the participation and presentation of the papers in seminar/conference organized by other institute.**

Extra Circular Activity

- **To prepare students for the active participation in the events like quiz, colloquium, debate etc. In the department as well as in other department/institutions.**
- **To organize Ranganathan Day (Library Day), Shahid Nirvan Day and other important celebration at state/national/international level.**

21. DEPARTMENT OF POLITICAL SCIENCE

1. Name of the Department: **Political Science**
2. Year of the Establishment: **1958.**
3. Is the Department part of a School/Faculty of the university?
Yes. Faculty of Arts.
4. Names of programmes offered: **MA, MPhil & PhD**
5. Interdisciplinary programmes and departments involved Political Sociology: The Indian Context, Indian Political Economy,
6. Courses in collaboration with other universities, industries, foreign institutions, etc IIPA Local Branch, Vallabh Vidyanagar a course paper on Public Administration at MA Third Semester.
7. Details of programmes discontinued, if any, with reasons. **NA**
8. Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
9. Participation of the department in the courses offered by other departments: **NA**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	01
Associate Professor	01	01	01
Assistant Professor	03	03	02
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr Baldev Agja	MA, MPhil, PhD	Professor and Head	Political Science Local Self Government & State Politics	22	MPhil : 09 PhD : 08



Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr Manoj Soni	MA, PhD	Associate Professor	Political Science International Relations	24	-
Mr Hitesh Patel	MA,	Assistant Professor	Political Science Public Administration	10	-
Ms Ranjana Dholakia	MA,	Assistant Professor	Political Science Indian Politics	10	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: **NIL**
13. Percentage of classes taken by temporary faculty – programme-wise information: **NA**
14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio
MA	2010-11	3:40
	2011-12	3:41
	2012-13	3:46
	2013-14	3:36
	2014-15	3:51
MPhil	2010-11	---
	2011-12	---
	2012-13	1:5
	2013-14	1:4
	2014-15	1:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

Common for English, Gujarati, History, Political Science, Sanskrit and Sociology.

	Sanctioned	Filled	Actual
Technical	-	-	-
Administration	-	-	08+04 (contractual)

16. Research thrust areas as recognized by major funding agencies
- (a) **Local Self Government**
(b) **International Relations**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: **Not Applicable**



18. Inter-institutional collaborative projects and associated grants received
 a) National collaboration b) International collaboration

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Not Applicable**

20. Research facility/centre with State, National and International Recognition: **Not Applicable**

21. Special research laboratories sponsored by/created by industry or corporate bodies: **Not Applicable**

22. Publications:

- a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Papers Published	National	International
2010-11	-	-	-
2011-12	03	03	-
2012-13	01	01	-
2013-14	06	06	-
2014-15	05	02	03
Total	15	12	03

- b) Monographs: **Nil**

- c) Chapters in Books: **Nil**

- d) Edited Books: **03**

- h) Books with ISBN with details of publishers: 03**

- i) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

- j) Citation Index – range/average: **NA**

- h) SNIP: **NA**

- i) SJR: **NA**

- j) Impact Factor – range/average: **NA**

- k) h-index: **NA**

23. Details of patents and income generated: **Not Applicable**

24. Areas of consultancy and income generated: **Nil**

25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad: **Nil**



26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Name of Faculty	Committee Name	National/International/Editorial Board
Dr Baldev Agja	Advisory Board Member	International Journal of Multidisciplinary Research
Dr Baldev Agja	Review Board Member (Political Science)	International Journal of Multidisciplinary Research
Dr Baldev Agja	Advisory Board Member Review Member	Global Academic Research Journal
Dr Baldev Agja	Review Board Member (Political Science)	Global Academic Research Journal
Dr Baldev Agja	Review Board Member (Social Impact)	International Journal of Social Impact

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf

28. Student projects NA

- percentage of students who have done in-house projects including inter-departmental projects:
- percentage of students doing projects in collaboration with other universities/industry/institute

29. Awards/recognitions received at the national and international level by

- Faculty: **Dr Manoj Soni was conferred with "World Education Congress Award in Excellence for Leadership in Open and Distance Learning 2015."**
- Doctoral / post doctoral fellows: **Nil**
- Students: **Nil**

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-13.pdf

31. Code of ethics for research followed by the departments

The Department strictly adheres to code of ethics for research that was formulated in the university guidelines formed by Board of research studies. The University is very serious about the aspect of malpractices and plagiarism in research. The aspect of plagiarism has been controlled and checked by departmental research committees during the resubmission presentation given by the candidate. The foundations of research values are very strong in the University. However, as a preventive measure the



department communicated to all the research students to check before submission about the plagiarism.

32. Student profile programme-wise:

Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
MA	2010-11	15	28	12	100	100
	2011-12	23	26	15	100	100
	2012-13	11	28	18	100	100
	2013-14	10	22	14	100	100
	2014-15	18	11	05	100	100
MPhil	2010-11	04	-	-	100	100
	2011-12	02	-	-	100	100
	2012-13	07	01	04	100	100
	2013-14	05	03	01	100	100
	2014-15	02	-	01	100	100

33. Diversity of students

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MA	80	19	-	-
MPhil	80	19	-	-
PhD	80	20	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Year	Number of Students	Civil Services	Defence Service	NET
2012	03	-	-	03
2013	01	-	-	01
2014	03	-	-	03
2015	01	-	-	01

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	10
PG to PhD	04



36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	None
from other universities within the State	02
from universities from other States	None
from universities outside the country	None

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period: **NIL**

38. Present details of departmental infrastructural facilities with regard to

a) Library : **Books are housed in Central library**

Year	Number of Books/Journals	Amount (in ₹)
2010-11	71/0	35,360
2011-12	81/0	27,418
2012-13	151/0	1,50,000
2013-14	-	-
2014-15	55/0	29,883

b) Internet facilities for staff and students:

Total number of class rooms: All faculties of the department has been provided with an Internet connection and can have access to journals provided by the UGC and INFLIBNET.

c) Class rooms with ICT facility: **03**

d) Students' laboratories: **Nil**

e) Research laboratories: **Nil**

39. List of doctoral, post-doctoral students and Research Associates:

2014-15

1. Mr Paskorn Vatayu, Supervisor: Dr Baldev Agja

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	08	02	04
2011-12	01	01	01
2012-13	04	09	09
2013-14	02	06	07
2014-15	05	05	04
Total	20	23	25

Note : Free Studentships are also provided to meritorious students from self finance fund.



Sr. No.	Year	Name of the Students	Amount of Scholarship (in ₹)	Name of the Scholarship
1	2010-11	-	10,000/- (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Ms PA Patel		
3	2012-13	Mr MB Bhatt		
4	2013-14	Mr DD Panchal		
5	2014-15	Ms PR Machhi		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. Nil

42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

a) does the department utilize the feedback?

Yes, the faculty has been revising the syllabus according to the need of the day through BOS meetings and Department Development Committee and Department Research Committee.

b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes. The department gets the data through a feedback form.

c) alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes, the University can design and implement any changes in the existing course and new programmes through feedback.

43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered	Year of Passing
Dr Manoj Soni	Former VC MS University, Vadodara & BAOU, Ahmedabad	PhD	1996
Dr Baldev Agja	Head, PG Department of Political Science, Sardar Patel University, Vallabh Vidyanagar	PhD	2002
Dr KK Parmar	Assistant Professor Limadi College	PhD	2009
Parth Patel	CEO, Anand People's Medicare Society, Anand	MA	2010
Dr MC Patel	Assistant Professor Nalini Arvind Arts College	PhD	2010
Dr DD Patel	Assistant Professor Unjja Arts College	PhD	2012
Dr Manubhai Jagani	Assistant Professor MN College, Visnagar	PhD	2013



Name of Alumni	Present Profession	Programme Offered	Year of Passing
Dr Ranjana Dholakia	Assistant Professor Gujarat University	PhD	2014
Dr Dinesh Parmar	Assistant Professor Kamani Arts College, Amreli	PhD	2014

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts. **Organising Seminars for Student Academic Development**

45. List the teaching methods adopted by the faculty for different programmes.

- Lectures
- Seminars
- Conferences
- Fieldwork

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through Feedback and conducting internal assessment of the students. Counseling the students for personality development and curriculum development. Students are assigned Assignments in all subjects to improve the conceptual knowledge

47. Highlight the participation of students and faculty in extension activities: **NIL**

48. Give details of “beyond syllabus scholarly activities” of the department.

Every activity, including the teaching-learning processes, that the department organize have the students at the centre of their planning and delivery. The library assignments, the in-class interactions, and the field visits help make the learning participatory. The students are also encouraged to suggest relevant and useful additions in the curricula with a view to incorporate their insights about the contemporary social and political dynamics. The curricula are designed with an approach to help students sharpen their competitive edge, and with a view to enhance their understanding of the subject soda as to improve their employability potential. The Department feels proud of having benefit of some retired professors of other subjects who frequently visit our department. They informally discuss with the students particularly those pursuing MPhil and PhD. courses. This helps the research students in sharpening their intellectual capacity in their research work. The department has visited formally during last two years by following personalities.

- **Prof Himmat Patel, Former Professor & Head, Department of Economics, Sardar Patel University, Vallabh Vidyanagar.**
- **Prof PM Parmar, Former Associate Professor, Department of Sociology, Sardar Patel University, Vallabh Vidyanagar.**

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **Not Applicable**



50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The department has a very forward-thinking and proactive policy with regard to inviting experts / people of eminence to deliver lectures and also about organising seminars. Additionally, as the current head of the department holds the "Dr Babasaheb Ambedkar Chair", the programmes of the department and the Chair complement each other and provide wider opportunities for organising lectures and seminars.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths
<ul style="list-style-type: none"> • Endowed with the highly experienced Faculty Members. • Chair of Babasaheb Bhimrao Ambedkar. • Centre of SC/ST studies for NET Coaching Studies. • Sufficient Infrastructure. • Highly motivated students of PhD and MPhil on roll. • Endowed with the highly experienced Faculty Members.
Weaknesses
<ul style="list-style-type: none"> • Lack of ICT enabled classes. • Unable to find 100% job placements for students. • Lack of consultancies available for Research. • Lack of Financial Resources. • Lack of administrative support.
Opportunities
<ul style="list-style-type: none"> • Development of networking with more number of industry and research based social organizations. • Application of enhanced ICT. • Providing international exposure to the students by way of MoU's with foreign organization. • More and more consultancy services. • Research and Extension. • Development of networking with more number of industry and research based social organizations.
Challenges
<ul style="list-style-type: none"> • Catching with changes at the global level in respect of curriculum and teaching environments. • Building the network of alumni. • Developing students with employability skills. • Promoting research at international standards. • Catering financial resources.

52. Future plans of the department.

Proposed Initiatives for Future



01. PARMITA: Integrated Training for Women in Public Life

With the constitutional amendment providing for reservation of seats for women in Local Self-Government Institutions, the women of our country have found a new area of making a significant contribution for the improvement of the governance, and thereby improving the overall quality of life in the local area of the concerned institutional jurisdiction.

However, the ground-level experience so far has revealed that, a large number of women, although quite capable and committed to bring about a positive change in governance, are not equipped with a systemic understanding of the dynamics, and processes of administration. They are also found to be not so well informed about the relevant laws that provide effective power to them for carrying out their responsibility in the institutions of local self-Government. Additionally, the lack of information about the schemes and projects of the State and Union Government for the multi-faceted welfare of the people within the jurisdiction of the local self-Government institutions deprive them of the benefits, which such schemes and projects can bring to the people who have given them the mandate.

PARMITA, an Integrated Training programme for Women in Public Life aims to bridge this critical gap between the constitutional empowerment of women and their capacity acquisition in public life. This initiative will be an important attempt to train the women in public life, especially those elected for the first time in the institutions of local self-Government. It is envisaged to be a self-financed programme, where the concerned local self-Government institution may be approached to fund the training programme. The funding sources could also include other voluntary organizations, and philanthropists in the area.

02. SIDDHI: Enhancing Employability Potential of Youth

One of the serious concerns of the higher education in India today is that the employability potential and capacity of a large number of university graduates in India is discouragingly low. This is all the more low for the graduates in social sciences and humanities. It may be argued that the changing nature of economy and skill-set are responsible for such a state of affairs. Nevertheless, it is equally true that the organization of the entire gamut of teaching-learning process, especially in the field of social sciences, requires vital rejuvenation, and needs to be harmony with the changing demands of the economic and employment landscape.

SIDDHI, a training programme aimed at enhancing employability potential of youth is envisaged as a multi-disciplinary initiative integrating the intellectual and skill-enhancement training of the youth, especially in the disciplines of social sciences and humanities.

The programme shall have the class-room sessions, IT proficiency sessions, field visit, and possibly internship-driven project as its constituent. This will be a self-financed programme with possible infrastructural support and cooperation from Sardar Patel University.



22. DEPARTMENT OF PSYCHOLOGY

1. Name of the Department: **Psychology**
2. Year of the Establishment: **1981**
3. Is the Department part of a School/Faculty of the university?
Yes. Faculty of Arts.
4. Names of programmes: **MA, MPhil, PhD, BEdSplEdu(MR) & MEdSplEdu(MR)**
5. Interdisciplinary programmes and departments involved there are two specialised subject going on one is clinical area and another is industrial organizational behaviour. The participating department involved with psychology is gujarati and history
6. Courses in collaboration with other universities, industries, foreign institutions, etc Future plan with **Saurashtra, Bhavnagar and South Gujarat. (2010-11, 2011-12 Maharshi Arvind and Sri. Subhash Chandra Bose Subject was Life Enrichment)**
7. Details of programmes discontinued, if any, with reasons. After 2013 Programme of Life enrichment Course was discontinue.
8. Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
9. Participation of the department in the courses offered by other departments: **NA**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	02
Associate Professor	01	01	01
Assistant Professor	03	03	01 + 03 (contractual)
Others	-	-	-



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr SJ Patel (DOL 16/01/2016)	BA, MA, PhD	Professor	Clinical Psychology	30 Years	MPhil : 18 PhD : 23
Dr Suresh Makwana	BA, MA, MPhil, PhD	Professor	Industrial Psychology	18/08/1989 to continue	MPhil : 13 PhD : 04
Dr SN Pathak	BA, MA, MSW, Dip. In Music, Dip. In HRD, PhD	Associate Professor	Industrial Psychology, Applied Psychology, Counselling Psychology.	23 Years	MPhil : 19 PhD : 06
Dr PS Suvera	BA, MA, MPhil, GSLET, PhD	Assistant Professor	Clinical Psychology, Social Psychology, Human Psychology	12 Years	MPhil : 07 PhD : -
Dr Dileep Sharma	BEd, MEd & Spl Edu, PhD	Ad Hoc Lecturer	Spl Edu	01	-
Dr Mahendra Kumar	BEd, MEd & Spl Edu, PhD	Ad Hoc Lecturer	Spl Edu	01	-
Dr Himanshu Swadia	BEd, MEd & Spl Edu, PhD	Ad Hoc Lecturer	Spl Edu	01	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of Fellows/Faculty, Emeritus Professors	Designation	Department/University/Institution	Year of Visit
Prof Anjali Rai	Professor	Dept of Psychology, Calcutta Uni	2010-11
Prof Jayanti Basu	Professor	Dept of Psychology, Calcutta Uni	2011-12
Dr Vibha Sharma	Professor	Dept of Clinical Psychology IHBAS	



Dr HJ Narke	Head	Delhi. 110095 Dept of Psychology, BABA SAHEB AMBEDKAR Marthawada Uni.,	
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13. Percentage of classes taken by temporary faculty – programme-wise information:

List of Programme	Faculty (Permanent/Temporary)	Percentage
BEEd & MEd Spl Edu (MR)	Temporary	80

14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio
MA	2010-11	127:5
	2011-12	140:5
	2012-13	132:4
	2013-14	103:4
	2014-15	97:4
MPhil	2010-11	9:5
	2011-12	6:5
	2012-13	9:4
	2013-14	14:4
	2014-15	6:4
Bed Spl Edu (MR)	2010-11	Prog Start from 2011-12
	2011-12	29:2
	2012-13	29:2
	2013-14	29:2
	2014-15	29:4
MEd Spl Edu (MR)	2010-11	Prog. Start from 2014-15
	2011-12	Prog. Start from 2014-15
	2012-13	Prog. Start from 2014-15
	2013-14	Prog. Start from 2014-15
	2014-15	12:4

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Technical	-	-	-
Administration	-	-	03 (contractual)

16. Research thrust areas as recognized by major funding agencies

**Psychological diseases relation to different perspective as well as T.B, HIV,
Diabetes, Blood Pleasure with Physical and Mental Effect**



17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Name of Faculties	Project Title	National/ International	Name of Funding Agencies	Total Grant Received (in ₹)	Year Project Start
Prof SM Makvana	To Study Fear Of Death And Well-Being With Reference To Diabetes Challenger	National	UGC	No.C/B-16/SMM/14-15/231 Date: 16/04/2014 1,45,000	2014
Dr SN Pathak	A comparative study.....of tribal secondary higher secondary school students	National	UGC	F.9B-16/SP/14-15/39 1,65,000	2014
Dr PS Suvera	Locus of control & Psychological Well Being : A comparative study tribal & non tribal students	National	UGC	F.No.6-84/2012(HRP) 31/08/2012 1,25,000	2012

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Name of Project	Funded by	Total Grant Received (in ₹)	Year
To Study Fear Of Death And Well-Being With Reference To Diabetes Challenger	UGC-SAP/CAS	1,45,000	Apr 2014 - Aug 2014



Name of Project	Funded by	Total Grant Received (in ₹)	Year
A comparative study of emotional maturity, self concept and psychological well being of tribal secondary higher secondary school students		1,65,000	Apr 2014 Aug 2014
Locus of control & Psychological Well Being : A comparative study tribal & non tribal students		1,25,000	Aug 2012- Complete d
Interdisciplinary variation in product preference in terms of products attribute rating	OTHER Seed Grant Project Sardar Patel University	40,000	06/11/2012
Emotional maturity and Psychological Adjustment :A Comparative Study of Tribal and Non-Tribal College Students	Seed Grant Project Sardar Patel University	25,000	23-12- 2011
Personality, Sexual Attitude and Psychological Well-being : A Comparative Study of Tribal and Non-Tribal College Students	OTHER Seed Grant Project Sardar Patel University	40,000	Jan 2015

20. Research facility/centre with State, National and International Recognition : Nil

21. Special research laboratories sponsored by/created by industry or corporate bodies: NA

22. Publications:

a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Paper Published	National	International
2010-11	04	03	01



2011-12	02	00	02
2012-13	20	06	14
2013-14	06	01	05
2014-15	07	01	06
Total	39	11	28

- b) Monographs: **Nil**
 c) Chapters in Books: **05**
 d) Edited Books: **06**
 e) Books with ISBN with details of publishers: **10**
 f) Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 g) Citation Index – range/average: **Nil**
 h) SNIP: **Nil**
 i) SJR: **Nil**
 j) Impact Factor – range/average:- **6.39 (Score of 62.65)**
 k) h-index: **Nil**
23. Details of patents and income generated: **Nil**
 24. Areas of consultancy and income generated: **Nil**
 25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad

Name of Faculty	Year of Visit	National
Dr SJ Patel	2011-2015	Department of Psychology, Saurashtra University, Rajkot
Dr SN Pathak	2014-15	Department of Psychology, M S University, Vadodara

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Name of Faculty	Committee Name	National/International/Editorial Board	Year of Joining
Dr Suresh Makwana	Chairman, Board of Studies in Psychology	National	July, 2014
	Chief Editor	International Journal of Indian Psychology	Oct, 2013
	Chief Editor	International Journal of Social Impact	Jan, 2016



	Advisor	International Journal of Creative Writing and Literary Studies	Oct, 2015
	Advisor	International Journal of Engg. Research and Adv. Development	Oct, 2014
	Member of Advisory Committee	Radio Station, Sardar Patel University	July, 2015
	Sectional Member	India Science Congress Association, Kolkata	2010-11 & 2013-14
	Active Member	Indian Psychology Association	2014-15
	Member	India Academic of Applied Psychology, Madras	2010- till date
	Active Member	Community Psychology Association	2011-12 to till date
Dr PS Suvera	West Zone Sectional Member	India Science Congress Association, Kolkata	2015-16
	Active Member	Indian Psychology for Mental Health	Since 2009 to till date
	Member	India Academic of Applied Psychology, Madras	2006- till date
	Active Member	Community Psychology Association	2005 to till date
	Active Member	Sardar Patel University Teacher Association	2005 to till date
	Active Member	Sardar Patel University Advisory Committee for ST & SC	2006 to till date
	Editorial Assistant	International Journal of Indian Psychology	2013
	Committee Member	Sardar Patel University College Development Committee	2015
	Active Member	Gujarat State Schedule Tribes College and University Teacher Association	2006
	Active Member	Gujarat State Schedule caste and Schedule Tribes College and University Teacher Association	2006

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf



28. Student projects: NA

- percentage of students who have done in-house projects including inter-departmental projects:
- percentage of students doing projects in collaboration with other universities/industry/institute

29. Awards/recognitions received at the national and international level by

- Faculty:

Name of Faculty	Awards/Recognitions Given by	Year
Prof SM Makvana	“SHREE DADABHAI NAVRIJI” International Level award “Best Research Paper Competition of Sardar Patel University ” abroad (15-12-2010) 2010-11- by Dr (Miss) Cashmera P.Bhaya P.O.Box.1171, Post Code-112, Ruwi Muscat, Sultanate of OMAN	2010
	Best research paper Presented on the International conference March - 2014- .I.P.A.President’s Gold Medal Award 2014 from Magadh Univeristy Bodhgaya Bihar	2014
Dr PS Suvera	Best Research Paper Presented on the International conference March - 2014- .I.P.A.President’s Gold Medal Award 2014 from Magadh Univeristy Bodhgaya Bihar	2014

- Doctoral / post doctoral fellows: Nil
- Students: Nil

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Year	National/International	Name of Seminar/Conference/Workshop	Source of Funding	Participant Details (In numbers)
11-12 Jun 2013	National Seminar	Communication of Research in Psychology	ICSSR & Sardar Patel University	44
08-09	National	Women Insecurity	UGC &	122



Feb 2014	Conference	Issues and Mental Health (Reasons & Solutions)	Sardar Patel University	
21-22 Feb 2015	National Conference	Psychological Well Being of Differently Abled Person (Intervention, Strategies & Remediation)	UGC & Sardar Patel University	87

31. Code of ethics for research followed by the departments As per university guidelines.

As per University guidelines framed from time to time.

32. Student profile programme-wise:

Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
MA	2010-11	108	60	75	100	100
	2011-12	123	61	79	100	100
	2012-13	66	50	82	100	100
	2013-14	61	50	52	100	100
	2014-15	47	--	--	100	100
MPhil	2010-11	25	4	5	100	100
	2011-12	29	1	6	100	100
	2012-13	25	5	4	100	100
	2013-14	37	5	9	100	100
	2014-15	30	--	--	100	100

33. Diversity of students:- Nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Year	SLET	Total Numbers of Students
2010-11	-	-
2011-12	-	-
2012-13	02	02
2013-14	01	01
2014-15	02	02



35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	16 (through MPhil Entrance Test)
PG to PhD	1.5 (through PhD Entrance Test)

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	43
from other universities within the State	43
from universities from other States	14
from universities outside the country	00

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period: **Nil**

38. Present details of departmental infrastructural facilities with regard to

a) Library

Year	Number of Books/Journals	Amount (in ₹)
2010-11	114/0	55,176
2011-12	91/0	55,665
2012-13	176/0	1,10,000
2013-14	10/0	5,024
2014-15	08/0	3,632

b) Internet facilities for staff and students: **6 Computer and 2 Laptops**

c) Total number of class rooms: **03**

d) Class rooms with ICT facility: **01**

e) Students' laboratories: **01 with ICT Facilities**

f) Research laboratories: **Nil**

39. List of doctoral, post-doctoral students and Research Associates :

a) from the host institution/university

2010-11

1. Ashok J Zala, Supervisor: Prof SJ Patel
2. Mukesh B Bhatt, Supervisor: Prof SM Makvana
3. Mitesh D Swami, Supervisor: Prof SM Makvana
4. Arpita Jagdishkumar Chavda, Supervisor: Prof SM Makvana
5. Laxami R Sahani, Supervisor: Dr SN Pathak

2011-12

6. Diptee R Thakur, Supervisor: Prof SJ Patel
7. Shah Pratika Sundarbai, Supervisor: Prof SM Makvana

2012-13

8. Dipsangbhai G Gohil, Supervisor: Prof SJ Patel



9. Mahesh B Bharvad, Supervisor: Prof SJ Patel

Student Name	Year of Completion
Dr DR Thakur	2015
Dr PM Chaudhry	2015
Dr HJ Panchasara	2015
Dr MB Bharwad	2015
Dr HS Desai	2014
Dr LR Sahani	2014
Dr AJ Zala	2014
Dr AN Damakle	2014
Dr MB Bhatt	2014
Dr AJ Chavda	2014
Dr SM Makwana	2014
Dr D H Patel	2014
Dr BS Parimal	2014
Dr Shailu Chhajjer	2014
Dr RM Vyas	2013
Dr RB Rabari	2013
Dr PV Desai	2013
Dr VF Rohit	2013
Dr NA Pandya	2013
Dr TR Desai	2013
Dr SN Vaidya	2013
Dr MR Patel	2013
Dr KH Patel	2013
Dr SD Gajjar	2012
Dr Suwanit Theerathan	2013
Dr Anuradha	2012
Dr Kttitorn Wongtrairat	2012
Dr Navin Charoenporn	2011
Dr Niyomporn Thamvongsa	2011
Dr MD Swami	2013
Dr MB Thavethiya	2013
Dr MK Chocha	2013
Dr Sangeeta Shastri	2013
Dr AR Gohil	2012

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>



40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	06	12	12
2011-12	05	12	10
2012-13	11	05	19
2013-14	15	12	23
2014-15	05	12	24
Total	42	53	88

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	-	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Ms NS Sonara		
3	2012-13	Ms MM Chauhan		
4	2013-14	Mr TV Sojitra		
5	2014-15	Ms JK Barot		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

No Programme establish during the assessment year.

42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

- a) does the department utilize the feedback?

Orally at the end of Semester

- b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Take Feedback form from Students in every Final semester for academic & curriculum improvement

- c) alumni and employers on the programmes offered and how does the department utilize the feedback?

NIL

43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered	Year of Passing
Dr Arpita Chavda	Lecturer	PhD	2014
Mr Ramesh Prajapati	Assistant Professor	MA, MPhil	2013
Mr Ankur Mahida	Lecturer	MPhil	2013
Dr Vasant Rohit	Govt Officer	PhD	2013



Name of Alumni	Present Profession	Programme Offered	Year of Passing
Dr Trusha Desai	Associate Professor	PhD	2014
Dr Ashok Zala	Associate Professor	PhD	2013
Dr Ajitsinh Gohel	Principal	PhD	2013
Dr Dipti Thakur	Teacher	PhD	2013
Dr Brinda	Lecturer	PhD	2014
Dr Nidhi Patel	Counsellor	MPhil	2013
Dr Mukesh Bhatt	Assistant Professor	PhD	2014
Dr Mitesh Swami	Counsellor	PhD	2013
Dr Jaswant Dewda	Assistant Clerk	MA, MPhil	2013
Mr Rajendra Patel	Counsellor	MA, MPhil	2013
Ms Krutika Shah	Counsellor	MA MPhil	2013

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-11.pdf

45. List the teaching methods adopted by the faculty for different programmes.

Occasionally exercise in listening and speaking with improvement of English and Gujarati language as a Psychological form given to students.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Those students who are join the Job Opportunity is our achievement

47. Highlight the participation of students and faculty in extension activities. **NIL**

48. Give details of “beyond syllabus scholarly activities” of the department. **Self Study Course**

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **NIL**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Total 5 projects have been completed in the field of psychological well-being & personal death which is very significant in the field of psychology.

- Faculty member of the department have published six books in origin.
- Following two International journals have been started form last two years:
 1. international journal of Indian psychology,-www.ijip.in
 2. international journal of social impact-www.ijsi.in).



- Different academic position like Prof (Dr) Suresh Makvana, as a Chairman of Board of study in subjects.
- Faculty member of the department have external and internal referee of PhD thesis of different state Universities of India.
- New course has been started namely MRBEed & Med course for the benefits of mental retarded students.
- Developed New Courses with opportunity of the students.
- Generating different type practical and Survey to the created knowledge.
- Teachers and different faculties given by guidance to the student.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Good numbers of books have been published. • Good numbers of Research papers have been published by the faculty members. • Every faculty has participated in the national & international seminar, conference, symposia and presented research paper. • New syllabus has been restructured for P.G.Students as per the CBCS pattern. • Different academic and educational places visited by students of the department of psychology.
Weaknesses
<ul style="list-style-type: none"> • Vacancy of teaching staff due to pending clearance from Government. • Students are weak in English language so it is difficult for them to read recent books in English language.
Opportunities
<ul style="list-style-type: none"> • Students are given extra coaching for NET & SLET examination. So many of them will get through from NET or SLET examination and will get job in academic institutions. • Student having specialization in industrial psychology will get join in industrial field as industrial psychologist. • Special programme of what are Panchyati raj areas will get developed and growth of self concept and how achievement motivation with can behave to special developed by the department & students. • Students with B.ed & M.ed in M.R will get good job in connectional field course for the benefits of mental retarded students. • Students are given extra coaching for UPSC/GPSC/Banking examination. So many of them will get through from UPSC/GPSC/Banking examination and will get job in administration institutions.
Challenges
<ul style="list-style-type: none"> • Many students are suffering from acrophobia & it is very difficult to overcome that phobia. • Student have not developed competitive temperament to face the competitive exam like IAS & GPSC. • Student have not get good information of library science, therefore aware and taken good step reference to preparation of paper presentation and research



work.

- **Socially and economically backward class students actually not aware in benefit of education taken action.**
- **Priminister has declared India have been “SAFAI ABHIYAN” in our premises student have known and action taken the mission.**

52. Future plans of the department.

- **In future to establish new industrial psychological laboratories along with existing experimental lab.**
- **To start new course in future establish diploma in counselling and guidance centre.**
- **To start remedial coaching classes for poor students.**
- **In future will be plan new establish counselling and guidance centre.**
- **Psychological wellbeing centre also will plan in new established organization.**

23. DEPARTMENT OF SANSKRIT

1. Name of the Department: **Sanskrit**
2. Year of the Establishment: **1958**
3. Is the Department part of a School/Faculty of the university?
Yes. Faculty of Arts.
4. Names of programmes offered: **MA (Regular & External), MPhil & PhD.**
5. Interdisciplinary programmes and departments involved **Nil**
6. Courses in collaboration with other universities, industries, foreign institutions, etc **Nil**
7. Details of programmes discontinued, if any, with reasons **.Nil**
8. Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
9. Participation of the department in the courses offered by other departments: **NA**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	01
Associate Professor	01	01	01
Assistant Professor	02	02	01
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Prof Dr NP Patel	MA, PhD	Professor & Head	Nyaya, Vyakarana	28 Years	13
Dr PV Joshi	MA, BEd, PhD	Associate Professor	Poetics, Modern Sanskrit	29 Years	08
Dr MG Patel	MA, PhD	Assistant Professor	Purana	04 Years	-



12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of Fellows/Faculty, Emeritus Professors	Designation	Department/University/Institution	Year of Visit
Prof Dr KN Joshi	Professor (Retd.)	Department of Sanskrit, Vikram University Ujjain	10/02/2014 to 17/02/2014

13. Percentage of classes taken by temporary faculty – programme-wise information:NA

14. Programme-wise Student Teacher Ratio

Programme	Years	Ratio
MA	2010-11	61+30 (previous) 52+14 (Final)
	2011-12	62+05 (Sem. I&II) 51+24 (Sem. III&IV)
	2012-13	57+08 (Previous) 53+05 (Final)
	2013-14	61+04 (Sem. I&II) + 50+08 (Sem. II&IV)
	2014-15	-
MPhil	2010-11	04
	2011-12	02
	2012-13	02
	2013-14	10
	2014-15	10

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

Common for English, Gujarati, History, Political Science, Sanskrit and Sociology.

	Sanctioned	Filled	Actual
Technical	-	-	-
Administration	-	-	08+04 (contractual)

16. Research thrust areas as recognized by major funding agencies Nil

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil

18. Inter-institutional collaborative projects and associated grants received
a) National collaboration b) International collaboration

Nil



19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Name of Project	Funded by	Total Grant Received	Year
Nyayparamparama Vad, Jalp ane Vitandanu Svarup – Mahatta	OTHER (seed money)	₹25000	2011

20. Research facility/centre with State, National and International Recognition: **NA**
21. Special research laboratories sponsored by/created by industry or corporate bodies: **NA**
22. Publications:

- a) Number of papers published in peer reviewed journals (national/international)

Year	Number of Papers Published	National	International
2010-11	04	02	02
2011-12	02	02	-
2012-13	03	03	-
2013-14	03	03	-
2014-15	01	01	-
Total	13	11	02

- b) Monographs: **Nil**
- c) Chapters in Books: **Nil**
- d) Edited Books: **Nil**
- e) Books with ISBN with details of publishers: **02**
- f) Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- g) Citation Index – range/average: **Nil**
- h) SNIP: **Nil**
- i) SJR: **Nil**
- j) Impact Factor – range/average: **Nil**
- k) h-index: **Nil**
23. Details of patents and income generated: **Nil**
24. Areas of consultancy and income generated: **Nil**
25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad: **Nil**



26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Name of Faculty	Committee Name	National/International/Editorial Board	Year of Joining
Prof Dr NP Patel	Prajna	National, Sardar Patel University, Vallabh Vidyanagar	2010
	Member (Ex-Officio) Senate	Sardar Patel University, Vallabh Vidyanagar	2012
	Member (Ex-Officio), Academic Council	Sardar Patel University, Vallabh Vidyanagar	2012
	Member (Ex-Officio), Faculty of Arts	Sardar Patel University, Vallabh Vidyanagar	2012
	Chairman, Board of Studies	Sardar Patel University, Vallabh Vidyanagar	2011-2014
	Member (Ex-Officio), Board of Studies in Sanskrit	Sardar Patel University, Vallabh Vidyanagar	2014
	Member (Ex-Officio), Postgraduate Board of Studies and Research	Sardar Patel University, Vallabh Vidyanagar	2012
	Life Member, Gujarat Rajya Sanskrit Adhyapak Mandal	State Level	1990
	Member, Charutar Sanskrit Parishad	State Level	1997
	AIOC membership	National	2010
	Life member Bharteeya Darshan Parishad	Indore	2004
	Co-opted Member, Board of Studies	Veer Narmad South Gujarat University	2014
	Co-opted Member, Board of Studies	The M. S. University of Baroda	2012



Name of Faculty	Committee Name	National/International/Editorial Board	Year of Joining
	Ved-Vidya-Pratishthan	Vadodara	2011
	Expert member, PhD RDC member	Veer Narmad South Gujarat, University	2010
	Expert member, PhD RDC member	MS University, Vadodara	2010
	Expert member, PhD RDC member	Bhavnagar University	2009-2012

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf

28. Student projects NA

- percentage of students who have done in-house projects including inter-departmental projects:
- percentage of students doing projects in collaboration with other universities/industry/institute

29. Awards/recognitions received at the national and international level by NA

- Faculty:

Name of Faculty	Awards/Recognitions Given by	Year
Dr NP Patel	Shankracharya Of Kaanchi kama koti Felictated Considering Contribution to Sanskrit learning	2012-13
Prof Dr NP Patel	Gujarat sahitya academy Gandhinagar	2013-14

- Doctoral / post doctoral fellows:
- Students:

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-13.pdf

31. Code of ethics for research followed by the departments

Code of ethics for research is formulated and monitored by departmental research committee (DRC).



32. Student profile programme-wise:

Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
MA	2010-11	134	92	65	100	100
	2011-12	87	72	70	100	100
	2012-13	87	68	55	100	100
	2013-14	73	67	56	100	100
	2014-15	55	-	-	100	100
M.Phil	2010-11	42	02	02	100	100
	2011-12	17	02	-	100	100
	2012-13	13	01	01	100	100
	2013-14	31	03	07	100	100
	2014-15	24	-	-	100	100

33. Diversity of students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MA	85	15	-	-
MPhil	80	20	-	-
PhD	03	03	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Year	Number of Students	Civil Services	Defence Service	NET	SET	GATE	GPSC
2013	03	-	-	-	02	-	01
2014	04	-	-	-	04	-	-
2015	04	-	-	04	-	-	-

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	6 (through MPhil Entrance Test)
PG to PhD	3 (through PhD Entrance Test)



36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	33
from other universities within the State	67
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period: **Nil**

38. Present details of departmental infrastructural facilities with regard to

a) Library

Yes, more than 300 books in departmental library.

Year	Number of Books/Journals	Amount (in ₹)
2010-11	-	-
2011-12	-	-
2012-13	260/0	1,10,000
2013-14	-	-
2014-15	-	-

b) Internet facilities for staff and students: **Each of the faculty has been provided with an Internet connection and can have access to journals provided by the UGC and INFLIBNET.**

c) Total number of class rooms: **03**

d) Class rooms with ICT facility: **01**

e) Students' laboratories: **Computer Laboratory**

f) Research laboratories: **Nil**

39. List of doctoral, post-doctoral students and Research Associates :

2011-12

1. Khushbu Pancholi, Supervisor: Prof Dr NP Patel

2012-13

2. Divya D Patel, Supervisor: Prof Dr NP Patel

3. Diksha Savla, Supervisor: Ajit I Thakor

2013-14

4. Hemant Vaishnav, Supervisor: Prof Dr NP Patel

5. Pravin Amin, Supervisor: Prof Dr NP Patel

6. Paresh Trivedi, Supervisor: Dr PV Joshi

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>



40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	14	37	30
2011-12	0	35	21
2012-13	10	13	20
2013-14	13	41	22
2014-15	14	28	21
Total	51	154	114

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11		₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Mr AR Parmar		
3	2012-13	Mr LV Shukla		
4	2013-14	Mr SM Raulji		
5	2014-15	Ms ND Raj		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **NIL**

42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

a) does the department utilize the feedback?

Yes

b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Course development, teaching learning process

c) alumni and employers on the programmes offered and how does the department utilize the feedback?

No

43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered	Year of Passing	Any Other Remarks
Diksha Shavala	Assistant Professor, Govt. college, Himmant Nagar	PhD	2013	-
Divya Patel	Assistant Professor, Govt. Arts College, Gandhinagar	PhD	2013	-



Name of Alumni	Present Profession	Programme Offered	Year of Passing	Any Other Remarks
Paresh Trivedi	Associate Professor, Arts College Ankla	PhD	2013	-
Hemant Vaishnav	Associate Professor, Samarpan Arts College, Gandhinagar	PhD	2013	-
Pravin Amin	Associate Professor, Arts College Kankanpur	PhD	2013	-
Divyanath Shukla	Assistant Professor, Govt. Arts College,	MPhil	2010	-
Presh Parekh	Assistant Professor, Arts College Munpur	MPhil	2011	-
Vinay Patel	Assistant Professor, A.S. Pate Arts College, Boriyavi	MPhil	2013	-
Priyank Raval	Assistant Professor, Shri J.M. Patel P.G. Studies & Research in Humanities, Anand	MPhil	2014	-
Lekha Shukla	Assistant Professor, N.S. Patel Arts College, Anand	MPhil	2014	-
Shailesh Raulji	Assistant Professor, Shri J.M. Patel P.G. Studies & Research in Humanities, Anand	MPhil	2015	-

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.

Year	Name of Events	Details of Events
2010-11	Special Lectures	-
2011-12		-
2012-13		Mangal Pravachan, Prof Dr DS Mishra, 03/07/2012
		Naishadhiyacharitam nu sarga-01 Rasadarshan, Prof Dr Jaydev Jani, 4/07/2012.
		Mahabharat ni samikshit avruti, Prof Dr Mukund Wadekar, 24/07/2012.
		Jain Darshan ma Kashay, Prof Dr Naresh Ved, 03/10/2012.
	Adhunik samay ma Sanskrit bhasha nu mahatva, Prof Dr Maheshchandra Yajnik, 06/09/2012	



		Vedant ane Vyavahar, Saint Shri Rasik Vihariji, 10/09/2012
		Vasant vijay, Prof Dr MH Patel, 24/09/2012
		Vadik Vyakaran, Prof Dr Satyaprakash Dube, 23/01/2013
		Paniya Shiksha, Vakroktijivit, Prof Dr Rameshchandra Panda, 29/01/2013
		Uttararamcharitam, Niruktam, Prof Dr Ravindra Panda, 29/01/2013
		Nyaya Darshan ma Praman, Dr Shweta Prajapati, 29/01/2013
2013-14		Dhvanyaloka tatha Natyashastra, Dr Dilip Patel, 21/08/2013 to 23/08/2013
		Sebi dwara ayojita gharana mobhio- gruhinio mate nanakiya ayojan, Dr Jayeshbhai Pujara, 10/09/2013
		Vedo me vijnana, Prof Dr Gauri Mahulikar, 25/09/2013
		Vijnana ni ajna samayama upyogita, Prof Dr Ujjaval Trivedi, 27/12/2013
		Sahitya ane Samaj, Prof Dr MH Patel, 27/12/2013
		Shikshan chintan, Prof Dr DU Patel, 28/12/2013
		Agneyajiki rachanao me samaj chitra, Prof Dr Dayashankar Tripathi, 28/12/2013
		Hindi bhasha nu mahatva, Prin. Dr Manoj Patel, 28/12/2013
		Dhvanyaloka tatha Natyashastra, Dr Dilip Patel, 21/08/2013 to 23/08/2013
		Sebi dwara ayojita gharana mobhio- gruhinio mate nanakiya ayojan, Dr Jayeshbhai Pujara, 10/09/2013
		Vedo me vijnana, Prof Dr Gauri Mahulikar, 25/09/2013
2014-15		Prof Dr Rajendra Nanavati, Kuntak no Vakrokti Vichar, 23/08/2014.
		Saint Shri Rasik Vihariji, Shrimad Bhagavadgita manav sanskritino grantah, 29/12/2014.
		Prof Dr Jaiprakash Narayan Dwivedi, Sahitya shastra ma rasa nirupana, 27/02/2015.
		Prof Dr MH Patel, Kavita nu svarup, 02/03/2015.
		Prin Dr Hashyada Pandya, Vedo ma manava jivan ane tenu samprat samay ma mahatva, 02/03/2015
		Dr Hasamukh Barot, Hindi Upanyasa ke sarokar, 02/03/2015
2010-11		-
2011-12		-



2012-13	Workshops	-	
2013-14		<p>Translation workshop on Sanskrit sahitya ma vanaspati, 03/03/2014 06/03/2014</p> <p>Prof Shantikumar Pandya, Prof Piyush Joshi, Prof Maheshchandra Yagnik, Dr RK Mandaliya, Prof Dr Niranjana Patel, Dr PV. Joshi, Dr MG Patel</p>	
2014-15		-	
2010-11	Seminar	-	
2011-12		-	
2012-13		-	
2013-14		<p>National Seminar, Sanskrit Kavita, 19-20/10/2013</p> <p>Prof Satya Prakash Dube, Vaidk Kavita</p> <p>Kedar Narayan Joshi, Kalidas ki Kavita</p> <p>Prof Jayprakash Narayan Dwivedi, Vyasa ni Kavita</p> <p>Prof Vijaybhai Pandya, Sanskrit Subhashita</p> <p>Prof Harshdev Madhav, Modern hikus</p> <p>Prof Rashmikant Mehta, Ramkirti mahakavya</p> <p>Prof RK Panda, Bhavabhuti</p> <p>National Seminar on Malti Dimensions of Kevaladvait Vedant (With Special reference to Adi Shankaracharya), 01-02/02/2014</p> <p>Prof S Revathi, Liberation in Indian Vedant Philosophy</p> <p>Prof Vijaybhai Pandya, Multiple Dimention of Vedanta</p> <p>Dr Dhananjay Pandey, Discourse on Vedant</p> <p>Dr Pramodkumar Sharma, Kevaladvait and Shuddhadvait</p> <p>Prof Girish jani, Certain issue of Vedanta</p> <p>Prof Jayprakash Narayan Dwivedi, Various principles of Vedant</p> <p>Prof Maheshchandra Yajnik, Various aspects of Vedant</p> <p>Prof DS Mishra, Savitri</p>	
2014-15			-
2010-11		Others	-
2011-12			-
2012-13			-
2013-14			<p>UGC Scheme of Exchange of Teacher: (Visiting Fellow) Meghaduta, Sahityadarpan, Kavyamimamsa, Dashrupak, Kavyamimamsa: Prof Dr Kedar Narayan Joshi, 10/02/2014 to 17/02/2014</p> <p>(UGC Scheme of Exchange of Teacher): Form of Brahman in Shankarabhashya, Mayavada-Khandan, 'Adhyasa' in Vivekachudamani, Dr Dhananjay Pandey, 03/02/2014 to 05/02/2014</p>



2014-15	Jnana-Satra on Bharatiya darshana ma jnana mimamsa, 13-14/08/2014
	Prof Dr Jitubhai Shah, Jain darshana ma jnana mimamsa, 13/08/2014
	Prof Dr Dilipbhai Charan, Bauddha darshana ma jnana mimamsa, 13/08/2014
	Prof Dr Jaydev Jani, Vedant darshana ma jnana mimamsa, 14/08/2014
	Prof Dr Guntant Vyas, Shrimad Bhagava ma jnana mimamsa, 14/08/2014
	Exchange of Teacher Programme
	Dr Pramod Kumar Sharma: Paniniya Shiksha, Karak & Samas, 02-03/02/2015
	Jnana-Satra on Bharatiya darshana ma Tatva mimamsa ane jnana mimamsa
	Prof. Dr Lakshmesh Joshi, Nyay-Vaisheshik darshana ma jnana mimamsa, 24/02/2015
	Prof Dr Naresh Ved, Jain darshana ma jnana mimamsa, 24/02/2015
	Prof Dr Vijay Pandya, Upanishadoma jnana mimamsa, 25/02/2015
	Prof Dr Maheshchandra Yajnik, Mulya mimamsa ane saundarya mimamsa, 25/02/2015
	Dr Mahendra Chotlaliya, Bauddha darshana ma jnana mimamsa, 25/02/2015

45. List the teaching methods adopted by the faculty for different programmes.

Using audio video teaching method in the class room session.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Under student awareness programmes various lecturers are organized: Dr Jayeshbhai Pujara, Sebi dwara ayojita gharana mobhio- gruhinio mate nanakiya ayojan, 10/09/2013

47. Highlight the participation of students and faculty in extension activities. **Nil**

48. Give details of “beyond syllabus scholarly activities” of the department.

Vagvardhini-sabha

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **Applied Philosophy**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.



51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength:
<ul style="list-style-type: none"> • Adequate infrastructure and Physical facility. • Qualified and pro-active faculty. • Disciplined and Sincere students. • Faculty awarded with awards. • Focus on applied Philosophy.
Weaknesses:
<ul style="list-style-type: none"> • Vacancies in teaching and non-teaching staff due to clearance from Government. • We are three faculty members since last 10 years. • Lack of separate Departmental Support staff. • Limited ICT Facility. • Limited Exposure of faculty and to national and international & Academy events. • Slowly Declining students strength.
Opportunities:
<ul style="list-style-type: none"> • Scope for introducing new course (papers) • Scope for strengthening ICT. • Scope for developing Departmental library. • Scope for developing course on spoken Sanskrit. • Scope for collaboration with regional Sanskrit Path-shala.
Challenges:
<ul style="list-style-type: none"> • Maintaining Student Strength. • Training facility for using ICT in teaching learning. • Training of students in Sanskrit speaking. • Creating research culture among the students.

52. Future plans of the department.

- Planning to organise regular classes of spoken Sanskrit.
- Planning to develop collaboration with Sanskrit University of Gujarat and other state.
- Planning to developing tools of teaching Sanskrit in its own script.
- Planning for digitizing manuscripts of Sanskrit scripts and other documents.
- Planning to conduct interdisciplinary research on Ideology.

24. DEPARTMENT OF SOCIAL WORK

1. Name of the Department: **Social Work**
2. Year of establishment: **June 1997**
3. Is the Department part of a School/Faculty of the university?
Yes. Faculty of Arts.
4. Names of programmes offered: **MSW, MHRM, MPhil & PhD.**
5. Interdisciplinary programmes and departments involved, with **Management, Sociology, Psychology Economic, Computer Science, Business Management and Commerce**
6. Courses in collaboration with other universities, industries, foreign institutions, etc **NA**
7. Details of programmes discontinued, if any, with reasons **.NA**
8. Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
9. Participation of the department in the courses offered by other departments: **NA**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	-	-	-
Associate Professor	-	-	-
Assistant Professor	02	02	02
Others	-	06	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr SD Mishra	PhD, MSW	I/c Director	Social Work	16	PhD : 04 M. Phil.: 17
Dr Bigi Thomas	PhD, MSW, NET (JRF)	Lecturer (Senior Scale)	Social Work	16	PhD : 03 M. Phil.:14



Dr SR Prabhakar (Retired)	PhD, MSW			03	-
Dr N Sangwan	PhD, M.Phil, MSW	Lecturer	Social Work	08	-
Ms Poonam Singh (Left)	MPhil, MHRM	Lecturer	Human Resource Management	06	-
Mr Mehul Rabari	PhD (Pursuing), MSW, NET	Lecturer	Social Work	06	-
Ms Kunjan Vasavada (Left)	MHRM	Lecturer	Social Work	02	-
Mr Shyam Singh Inda (Left)	MHRM, Ph.D (Pursuing)	Lecturer	Human Resource Management	03	-
Ms Komal Kantariya (Left)	MSW, MPhil	Lecturer		03	-
Ms Avani Trivedi (Left)	MHRM	Lecturer	Human Resource Management	01	-
Mr Jitendra Lalvani	MHRM, PGDLP, PGDHRD, Ph.D (Pursuing)	Lecturer	Human Resource Management	03	-
Mr Brijesh Patel	MHRM	Lecturer	Human Resource Management	1.5	-
Ms Sadhana Adhikary	MSW	Field Work Supervisor cum placement officer	Social Work	17	-
Mr Keyut Bhatt	MSW	Asst. Field Work Supervisor cum placement officer	Human Resource Management	1.5	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: **Nil**

13. Percentage of classes taken by temporary faculty-programme-wise information:
65%



14. Programme-wise Student Teacher Ratio:

Programme	Years	Ratio
MSW	2010-11	27:1
	2011-12	27:1
	2012-13	27:1
	2013-14	27:1
	2014-15	29:1
MHRM	2010-11	27:1
	2011-12	27:1
	2012-13	27:1
	2013-14	27:1
	2014-15	29:1
MPhil	2010-11	5:1
	2011-12	5:1
	2012-13	5:1
	2013-14	5:1
	2014-15	5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

Designation	Number of Staff
Fieldwork Supervisor cum Placement Officer	02 (contractual)
Administrators/Clerks	03 (contractual)
Office Boys	02 (contractual)
Sweeper	01 (contractual)

16. Research thrust areas as recognized by major funding agencies.

Women and Children, Public Health, Reproductive Health, Youth and Community Development Programs

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Name of the Principal Investigator/Co-investigator	Title	Minor/ Major	Funding Agency	Amount of Research Grant sanctioned with Letter No. & Date	Duration	Amount of grant released with letter no. and date (year wise details)
Dr SD Mishra	'Spatial and Regression Analysis of Decline Juvenile Sex	Major	UGC, Delhi	546/2013 (HRP) Dt. 04-03-2013 ₹8,34,600	01-04-2013 To 31-03-2015	₹10,00000



	Ratio in Urban Gujarat with Special reference to three districts: Mehsana, Gandhinagar and Surat.					
Dr SD Mishra	‘Promotion and Protection of Child Rights: An Intervention Studies in Children Home of Anand and Nadiad District’.	Extramural	UGC XII Plan Scheme : Human Rights and Duties	C/XII Plan/14 - 15/6299, dt. 13-01-2015	January, 2015	₹53,000

18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration

Pratham is an NGO works in the primary education sector in India. MOU was signed between department of social work, SPU an Pratham, Ahmedabad to carry out an external evaluation of Read India Campaign [a flagship programme of Pratham which was active in 251 rural districts across 19 states in India.

A project on preparation of District Human Development Report (DHDR) has been completed for The Dangs district of Gujarat in collaboration with Economics Department, MBA department of the Sardar Patel University.

A project on preparation of District Human Development Report (DHDR) has been completed for Panchmahals district of Gujarat in collaboration with Economics Department, MBA department and Statistics department of the Sardar Patel University.

Two projects sponsored by Election Commission of India (ECI) on the topic of 1) Baseline study of Knowledge, Attitude, Belief and Practices among electors in Gujarat before Asseby Election and 2) End line study on electors of Gujarat after Asseby Election to study Knowledge, Attitude, Behaviour, Beliefs and Practices was undertaken by the department wherein faculty of the department have different specialization were involved



19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Name of Project	Funded by	Total Grant Received (in ₹)	Year
Son Preference and Reproductive Behaviour of women in Anand	UGC, New Delhi	55,000	1/1/2008-31/12/2010
Impact of NREGA Scheme: A Study on the Overall Quality of Life of Its Beneficiaries. [A Study Undertaken among beneficiaries of 3 districts of Gujarat State	UGC, New Delhi	5,76,600	1/2/2011-31/1/2013 (extended to 31/7/2013)
“Situational Analysis of Maternal Health Services with reference to Maternal Death in Rural Areas of Anand’	UGC, New Delhi	25,000	11-01-2012 to 07-11-2012
Spatial and Regression Analysis of Determinants of Decline Juvenile Sex Ratio in Gujarat”	UGC, New Delhi	1,25,000	01-11-2012 to 31-10-2013
‘A study on Reproductive and Child health Status : A study undertaken in selected villages of Dang District.	UGC, New Delhi	1,16,000	01-02-2010 to 31-07-2011
‘Mapping and Analysis of Good Governance Practices in Gujarat : A study under taken with reference Good Governance Contributes towards Pro – Poor Growth’	UGC, New Delhi	2,50,000	01-01-2013 to 31-12-2013
‘Spatial and Regression Analysis of Decline Juvenile Sex Ratio in Urban Gujarat with Special reference to three districts: Mehsana, Gandhinagar and Surat.	UGC, New Delhi	8,34,600	01-04-2013 to 31-03-2015



Name of Project	Funded by	Total Grant Received (in ₹)	Year
“An analytic study on stress among teenage student achievers”	Sardar Patel University Seed Money Grant	45,000	01/11/2012 to 31/10/2013
“An explanatory study on Parent Child Relationship and Family Environment and its Relation with Achievement Motivations”	Sardar Patel University Seed Money Grant	50,000	01/11/2012 to 31/10/2013
“To study on the Relationship between total Quality Management and Quality Performance in manufacturing Sector”	Sardar Patel University Seed Money Grant	40,000	01/11/2012 to 31/10/2013
“A study of the Parent’s Contribution in the Holistic Development of Mentally Challenged Children “	Sardar Patel University Seed Money Grant	40,000	01/11/2012 to 31/10/2013
A Study on Gender Aspects of Human Development In AnandDistrict [A study on gender aspects with reference to sex-ratio, education, employment, health status, empowerment and freedom among women]	Sardar Patel University Seed Money Grant	1,00,000	01/11/2012 to 31/10/2013
“Situational Analysis of Maternal Health Services with reference to Maternal Death in Rural Areas of Anand’	Sardar Patel University Seed Money Grant	25,000	G/1-Seed Grant/2011-12 Dt. 16-01-2012
Spatial and Regression Analysis of Determinants of Decline Juvenile Sex Ratio in Gujarat”	Sardar Patel University Seed Money Grant	1,25,000	G/1-Seed Grant/2012-13 Dt. 06-11-2012

20. Research facility/centre with State, National and International Recognition: **Not Applicable**



21. Special research laboratories sponsored by/created by industry or corporate bodies: **Not Applicable**

22. Publications:

a) Number of papers published in peer reviewed journals (national/international):

Year	Number of Papers Published	National	International
2010-11	06	04	02
2011-12	06	02	04
2012-13	08	03	05
2013-14	08	03	05
2014-15	13	05	08
Total	41	17	24

b) Monographs: NA

c) Chapters in Books: **10**

d) Edited Books: **00**

e) Books with ISBN with details of publishers: **03**

f) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : **NA**

g) Citation Index – range/average: **NA**

h) SNIP: **NA**

i) SJR: **NA**

j) Impact Factor – range/average- **2-5**

k) h-index-**Dr S.D Mishra: 02**

23. Details of patents and income generated: **Nil**

24. Areas of consultancy and income generated

Sr. No.	Name of Faculty member	Department	Type of Consultancy service provided	Beneficiary institution/ industry	Date/Durati on when consultancy was provided	Revenue generated
1	Dr SD Mishra	Social Work	Research	Government Institution	Jul 2012	10,00,000
2.	Dr SD Mishra	Social Work	Field work	NGO,Pratham	Jun 2011	1,20,00

25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad:- **Not Applicable**



26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sr. No.	Name of the faculty	Name of Committee	National/ International
1	Dr SD Mishra	Member Ethical Committee at DBT Project, New Delhi host by Anand Agricultural University, Anand	National
2	Dr SD Mishra	Member at National Consultation on National Curriculum of MSW at TISS, IFSW	International
3.	Dr SD Mishra	Advisory Member at Community Polytechnic New Delhi	National

Editorial Boards/Membership

Sr. No.	Name of the faculty	Name of Journal	National/ International	Whether Chief Editor (Y/N)	Publisher
1	Dr SD Mishra	Journal of Social Welfare and Management	International	No	Red Flower Publication Pvt Ltd, New Delhi.
2	Dr SD Mishra	International Journal of Scientific and Engineering Research.	International	No	Houston, Texas, USA

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf

28. Student projects NA

- percentage of students who have done in-house projects including inter-departmental projects: **100%**
- percentage of students doing projects in collaboration with other universities/industry/institute: **100%**

29. Awards/recognitions received at the national and international level by

- Faculty: **Not Applicable**
- Doctoral/post doctoral fellows: **Not Applicable**
- Students: **Not Applicable**



30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-13.pdf

31. Code of ethics for research followed by the departments

The Department strictly adheres to code of ethics for research that was formulated in the university guidelines formed by Board of research studies. The University is very serious about the aspect of malpractices and plagiarism in research. The aspect of plagiarism has been controlled and checked by departmental research committees during the resubmission presentation given by the candidate. The foundations of research values are very strong in the University. However, as a preventive measure the department communicated to all the research students' to check before submission about the plagiarism.

32. Student profile programme-wise:

Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
MHRM	2010-11	211	30	34	100	100
	2011-12	277	33	37	100	100
	2012-13	154	28	43	100	100
	2013-14	202	12	54	100	100
	2014-15	60	37	38	100	100
MSW	2010-11	283	45	22	100	100
	2011-12	166	41	25	100	100
	2012-13	144	43	28	100	100
	2013-14	149	35	38	100	100
	2014-15	65	30	29	100	100
MPhil (Social Work)	2010-11	17	01	04	100	100
	2011-12	11	04	02	100	100
	2012-13	26	04	06	100	100
	2013-14	24	00	02	100	100
	2014-15	21	04	06	100	100

33. Diversity of students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MSW	90	05	03	02
MHRM	90	05	03	02
MPhil	90	05	03	02
PhD	90	05	03	02



34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Sr. No.	Name of Examination	Year (numbers only)				
		2010-11	2011-12	2012-13	2013-14	2014-15
1	UGC - NET	-	-	02	03	02
2	GPSC	-	-	04	01	01

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	5 (through MPhil Entrance Test)
PG to PhD	1 (through PhD Entrance Test)
Employed	
• Campus Selection	50
• Other than Campus Selection	40

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	61
from other universities within the State	13
from universities from other States	16
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period

MPhil: 02 and PhD: 02

38. Present details of departmental infrastructural facilities with regard to

- a) Library : **3,440 Books , 12 Journals and 1,937 Dissertation.**

Year	Number of Books/Journals	Amount (in ₹)
2010-11	12/00	6,323
2011-12	-	-
2012-13	82/00	1,10,000
2013-14	00/21	45,386
2014-15	00/08	4,200

- b) Internet facilities for staff and students: **Each of the faculty has been provided with an Internet connection and can have access to journals provided by the UGC and INFLIBNET.**
- c) Total number of class rooms: **05**
- d) Class rooms with ICT facility: **04**
- e) Students' laboratories: **Computer Laboratory**
- f) Research laboratories: **Nil**



39. List of doctoral, post-doctoral students and Research Associates:

Sr. No.	Name of student	Name of supervisor	Date of registration	Full time/ Part time	Title of Thesis
1	Mrs Deepa Manoj Mishra	Dr SD Mishra	2012-13	Part-Time	Employee Attrition and Retention: Exploring the dimensions in the shipping Companies in kutch.
2	Mr Shyam Singh Inda	Dr SD Mishra	2012-13	Part-Time	A Study on Influence of Employee Compensation, Job Satisfaction and Working Environment on Employee Relation in Selected Private Manufacturing Industries of Gujarat Region.
3	Mr Bharat Bharwad	Dr SD Mishra	2013-14	Part-Time	Youth and Mental Health : A Study of the Factors reading of Anxiety and mental health among PG Students in Anand District.
4	Mr Mehul Rabari	Dr SD Mishra	2013-14	Part-Time	Youth and Human Rights – An intervention study among University Students.
5	Mrs NishaSangwan	Dr B Thomas	Sep, 2011	Part time	Family environment and Achievement Motivation among School going Adolescents in Anand City.
6	Mrs Smitha Philip	Dr B Thomas	Sep, 2011	Part time	Parental Support and Personality Development: A Comparative analysis of Only Children and Children with siblings in Bangalore city



Sr. No.	Name of student	Name of supervisor	Date of registration	Full time/ Part time	Title of Thesis
7	Mrs Arpita Christian	Dr B Thomas	Sep, 2011	Part time	A study on empowerment of adolescent girls of Anand district.

40. Number of post graduate students getting financial assistance from the university. (From the year 2010-11 to 2014-15):

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	09	06	14
2011-12	02	05	02
2012-13	13	05	07
2013-14	09	05	07
2014-15	04	10	11
Total	37	31	41

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	Mr Bhumitkuamr Johnbhai Pramar	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Ms Chaitali Gopal Gandhi		
3	2012-13	Mr Jigneshkumar Kantibhai Solanki		
4	2013-14	Mr Joseph Jovel Ms Rebecca Mark Redrigues		
5	2014-15	Mr Hashini Samurdhika Silva Yagamuni		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Yes, it can be analysed through Board of Studies. The University has a well organised system of curriculum design and development. Department of Social Work has a Board of Studies at PG levels consisting of experts from the faculty of the Department and from other Universities, representatives from industry and student representatives. Concerned subjects in different departments are grouped as one faculty and a senior teacher is nominated as the Chairperson. The Boards of Studies scrutinize two issues i.e., need assessment and feedback from the stakeholders before designing and developing the curriculum. The need assessment is made based on public opinion, experts views, industry requirements and Alumni Interaction. The draft curriculum will be discussed at length in respective Boards of Studies and the final draft will be placed before the academic committee.



42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

a) does the department utilize the feedback?

Yes, the data collected through feedback form is being utilised to fill the gap of student developments.

b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Through feedback sheets as given in the NAAC manual.

c) alumni and employers on the programmes offered and how does the department utilize the feedback?

Periodically in meetings. The Feedback is used to revise courses.

43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered	Year of Passing
Mr Dinesh Dhir	Group Head, Bhartiya Group, Gurgaon, New Delhi	MSW	1999
Mr Nimesh Patel	Child social worker, Ontario, Canada	MSW	1999
Mr Sajith Menon	SAVE International, New Delhi	MSW	2000
Mr Rajsekhar Naidu	Consultant, UNICEF, Gandhinagar	MSW	2001
Ms Poonam Singh	Research Analyst, Banglore	MHRM	2007
Mrs Deepa Mishra	HR Head, Shipping Co. Ltd, Adipur	MSW	2001
Mr Hiren Bhatt	HR Manager, Reliance Industries	MHRM	2007
Dr Nisha Sangwan	Lecturer, Department of Social Work, Sardar Patel University	MSW	2008
Mr Mehul Rabari	Lecturer, Department of Social Work, Sardar Patel University	MSW	2010
Mr Jitendra Lalvani	Lecturer, Department of Social Work, Sardar Patel University	MHRM	2013

44. Give details of student enrichment programmes (special lectures/workshops/ seminar) involving external experts.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-11.pdf



45. List the teaching methods adopted by the faculty for different programmes.
- **Explanation in classroom with real life examples and case studies.**
 - **Showing course related videos in the classroom.**
 - **Project based learning.**
 - **Assignments.**
 - **Simulators for solving numerical examples.**
 - **Supplementary Video lectures/Animations.**
 - **Field visits, educational tours and exposure visits complimenting theory lectures.**
 - **Student Seminars.**
 - **Expert Lectures by Industry Experts from India.**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Each and every programme is monitored throughout the period to ensure conformity with what has been set as course objectives and leaning outcomes. The methods adopted for the purpose includes continuous assessment, observations, semester end tests and results, participations in competitions, contributions of new thoughts and ideas, and innovativeness and leadership.

47. Highlight the participation of students and faculty in extension activities.

The students as part of their project work visit the tribal areas, interact with tribal people and render the needy services to them. On the other hand, the faculty who accompanies the students extends counselling to tribal people for their betterment. Department of Social Work, Sardar Patel University organizes National Service Scheme camp in different villages of Anand District. The Department is involved in several extension activities in regards to women, old age, child, youth etc all those who falls in weaker and vulnerable sections, with the help of students under the guidance of the faculties in the different under-developed villages of anand district. In every semester department is working on under the banner of field work based training programme.

48. Give details of “beyond syllabus scholarly activities” of the department.

Steps for making learning skills student-centric are interactive learning, group learning, tutorials, educational tour to academic institutions and historical places. Participatory learning activities such as participation in intra-class quiz competition and intra-departmental seminars using audio visual aids, project work, assignments, HR Conclaves are also encouraged. The Department provides the learning facilities like energy efficient classrooms, smart classrooms, well-equipped Computer laboratories, well-stocked library to make learning effective. The examination committee conducts unit tests. Students regularly attend classes where they interact with the teachers. It helps interactive learning. Students are encouraged to participate in intra-classroom quiz to monitor the academic progress which also facilitates interactive learning. Students are encouraged to use the library independently that enhances self-learning. They are encouraged to write assignments.. The students of Social Work and Human Resource



Management undertake project work in their course. All Semester III students are required to prepare an individual project for the fieldwork where there is scope for independent learning. Apart from it, the co-curricular activities such as field work conferences seminars/workshops/conferences/debates, extracurricular activities such as cultural/sports activities and competitions, extension activities such as NSS activities are undertaken by the department to develop participatory learning. Department of Social Work believes in learning centric approach. The faculties of Department of Social Work are much dedicated. The activities which the faculties engage students are:

- Lectures
- Seminars/Workshops
- Field work Symposiums
- Trainings
- HR Conclaves
- Field and Theoretical Orientations
- Fieldwork Visits
- Study Tours/Exposure Visits
- Guest Lectures
- Presentations

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details: **Nil**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Department of Social Work, Sardar Patel University is generating new knowledge in

- **Recent trends of Human Resource Management.**
- **Field work manuals.**
- **Evidence based field traing program.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • The Mission of the Department of Social Work, Sardar Patel University is to develop lifelong learners equipped with competencies nurtured through integration of academic learning and a socially conscious outlook - is a perpetual source of strength for all stakeholders. This is adequately reflected in the entire gamut of academic and non-academic activities of the Department which are designed to instil not just employability skills, but also a sense of compassion & sensitivity among students. • Department has a dedicated and competent faculty who are always ready to walk that extra mile to mentor the students. 3 out of 8 teaching staff has got Ph.D to their credit. 2 staff members are pursuing their PhD The teaching learning process moves beyond the confines of the class rooms and teachers willingly make themselves



<p>available to the students even after the mandatory teaching sessions.</p> <ul style="list-style-type: none"> • Effective and supportive guidance from the Sardar Patel University Administrative Officers is a pillar of strength for the Department which generates impetus needed for robust and unhindered functioning of the institution. • A highly motivated and responsible body of students is a formidable pillar of strength in our Department of Social Work. The entire spectrum of co-curricular and departmental activities is brilliantly managed by students who creatively expand the horizons of these activities year after year. • Department is having fieldwork for the period of 45 days in each semester for their students of MSW and MHRM which beefs up their employability skills. Department of Social Work has shown a steep rise in their campus placements in recent years which shows committed efforts from staff members for student development. • A good mix of experienced and young faculties. • Rich legacy and practice of Social Work Research. • Use of ICT in improving Department processes and operations. • Good leadership and support by the Management in providing and facilitating expansion and progression. • Excellent and well-maintained infrastructure.
<p>Weaknesses</p> <ul style="list-style-type: none"> • The Department lacks the aura and ambience of a modern, plush campus instrumental in attracting the contemporary youth towards an institution. • A sizeable numbers of teachers in the Department of Social Work, Sardar Patel University are working on temporary basis. Lesser number of salary is a constraint for the departmental employees. • Inability to recruit permanent faculty and other staff due to matters of administration which causes some anxiety to temporary and ad-hoc faculty, and affects their moral.
<p>Opportunities</p> <ul style="list-style-type: none"> • A good rapport and credibility of the institution with external agencies which can help in forging useful collaborations and mutual growth. • Further deployment of technology to make operations smoother and better. • Locational advantage for strengthening academics. • Streamlining collaborations and consultancy. • Exploring possibility of collaborative research with research institutions.
<p>Challenges</p> <ul style="list-style-type: none"> • More autonomy in admission procedure to attract national and international students. • In current times, the youth perception towards success and satisfaction is measured in terms of materialistic success and one-upmanship. Youngsters are increasingly becoming oblivious to the



relevance and concept of a fulfilled and meaningful life. As an educational institution, the Department needs to be conscious and vigilant about its obligation to reinforce the significance of an ethical mindset and a compassionate outlook without which the entire teaching learning process becomes shallow.

- Students with diverse background with diverse needs.
- Enhancing number of students opting for entrepreneurship.
- To motivate students to develop a deeper sense of critical and analytical thinking and to cultivate in them an endeavouring passion to be conscious morally and socially.
- To encourage research aptitude amongst students and instil an innovation prone thought process.
- To setup a forum for the alumni whereby they can maintain regular contact with the Department in the form of feedback as well as valuable contributions.
- In this technologically revolutionized world, overload of and easy accessibility to information comes with the risk of reducing the teaching learning process to a mere dissemination of facts. The challenge lies before the teaching fraternity to revisit the conventional pedagogy so as to establish the real connect between information, knowledge and wisdom as well as its applicability and incorporate the same in teaching methodologies.

52. Future plans of the department.

- To plan and execute a system where in all data related to staff members, students, alumni, campus placement, teaching and fieldwork related data can be maintained on a cloud with the use of software package.
- To arrange more and number of job campus placements for the students.
- To get more number of applications for admissions year after year by establishing a trust among students, parents and stakeholders.
- To get more number of collaborations in form of Consultancies and financial aid.
- To develop skills of faculty members by organizing faculty development programs.
- To organize more number of UGC Sponsored national and international seminars, symposiums and trainings.
- We are Planning to have separate Building.
- International Student and Faculty Exchange Programme.
- MOU with International Agencies.
- Career Mapping and Planning should be done in different manner so as to reduce attrition rate.
- Establishment of Research and Consultancy Cell.
- Working for Grant in aid efforts.



25. DEPARTMENT OF SOCIOLOGY

1. Name of the Department: **Sociology**
2. Year of the Establishment: **1981**
3. Is the Department part of a School/Faculty of the university?
Yes. Faculty of Arts.
4. Names of programmes offered: **MA, MPhil & PhD.**
5. Interdisciplinary programmes and departments involved: **Our 5 papers are offered are of interdisciplinary in nature.**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: **Nil**
7. Details of programmes discontinued, if any, with reasons. **Nil**
8. Examination System: **Continuous Evaluation System (30% internal and 70% external). Internal marks are pooled from various means normally quiz, seminars, assignments and presentation etc. The semester end examination covers the entire syllabus and consists of multiple choice questions, short answers and long answers based questions. The semester end examinations are taken in both centralised and decentralised mode. The practical examination and comprehensive viva are decentralised. Some departments are given full autonomy for exam related functions.**
9. Participation of the department in the courses offered by other departments: **Nil**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	03
Associate Professor	03	02	02
Assistant Professor	03	03	-
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr HN Patel	MA, MPhil, PhD, BEd, LLB	Professor and Head	Problem of Aged and Weaker Saction	26 years	05/09



Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD/MPhil students guided for the last 4 years
Dr JM Trivedi	MA, MPhil, PhD	Professor	Migration, Urbanization, Social Chage	37 years	05/06
Dr R H Makwana	MA, MPhil, PhD	Professor	Political Sociology	17 Years	29/22
Dr IM Macwan	MA, MPhil, PhD	Associate Professor	Gender Study and Child Labour	16 Years	15/12

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Name of Fellows/ Faculty, Emeritus Professors	Designation	Department/University/ Institution	Date of Visit
Dr Parvez Abbcresi	Professor & Head	Department of Sociology VNSG University Surat	31/12/2012
Dr Sohanlal Sharma	Professor	Department of Sociology University of Rajasthan, Jodhpur	23/01/2013
Dr JC Patel	Professor	Department of Sociology Gujarat University	12/09/2013
Rajolkumar Saxena	Professor & Head	Department of Sociology Dr Bhagwat Sahay Govt. College	07/05/2014
Dr KN Vyas	Professor	Department of Sociology Jay Narayan Vyas University Jodhpur	08/04/2015
Dr Pooramal Yadav	Professor	Department of Sociology Mohanlal Sukhadia University Udaipur, Rajasthan	11/09/2015



13. Percentage of classes taken by temporary faculty – programme-wise information:

List of Programme	Faculty (Permanent/Temporary)	Percentage
MA	Permanent	100
	Temporary	0
MPhil	Permanent	100
	Temporary	0
PhD	Permanent	100
	Temporary	0

14. Programme-wise Student Teacher Ratio:

Programme	Years	Ratio
MA	2010-11	120:5
	2011-12	120:5
	2012-13	120:5
	2013-14	120:5
	2014-15	120:4
MPhil	2010-11	10:5
	2011-12	10:5
	2012-13	10:5
	2013-14	10:5
	2014-15	10:4
PhD	2010-11	12:4
	2011-12	12:4
	2012-13	12:4
	2013-14	12:4
	2014-15	12:4

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

Common for English, Gujarati, History, Political Science, Sanskrit, and Sociology.

	Sanctioned	Filled	Actual
Technical	-	-	-
Administration	-	-	08+04 (contractual)

16. Research thrust areas as recognized by major funding agencies

Weaker Sections, Political Institution Organization, industrial Sociology, Gender Study.



17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Name of Faculties	Project Title	Name of Funding Agencies	Total Grant Received	Year Project Start
Prof (Dr) HN Patel	Elderly in the Rural Areas of Gujarat: Role, Status, Life Condition and Problems	UGC, New Delhi	₹6,01,300 F-5-357/2007 (HRP) 15/03/2008	01/04/2008 to 31/03/2011
Prof (Dr) RH Makwana	Emerging Tribal Women in Panchayat of Gujarat State : A Sociological Study	UGC, New Delhi	₹5,20,000 F-5-29(3) 2008 (HRP) 26/12/2008	01/04/2008 to 31/03/2011
Prof (Dr) RH Makwana	An impact of tribal-sub plan scheme on the tribal community: A sociological study	UGC, New Delhi	₹8,02,100 F-5-441/2013 (HRP) 19/03/2013	01/04/2013 to 30/11/2015

18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration.

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Nil**

20. Research facility/centre with State, National and International Recognition: **Nil**

21. Special research laboratories sponsored by/created by industry or corporate bodies: **Nil**

22. Publications:

a) Number of papers published in peer reviewed journals (national/international)

Year	Number of papers published	National	International
2010-11	09	-	09
2011-12	02	02	-
2012-13	05	05	-
2013-14	07	03	04
2014-15	07	03	04
Total	30	13	17



- b) Monographs: **Nil**
 - c) Chapters in Books: **Nil**
 - d) Edited Books: **19**
 - e) Books with ISBN with details of publishers: **20**
 - f) Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): **Nil**
 - g) Citation Index – range/average: **Nil**
 - h) SNIP: **Nil**
 - i) SJR: **Nil**
 - j) Impact Factor – range/average: **Nil**
 - k) h-index: **Nil**
23. Details of patents and income generated: **Nil**
24. Areas of consultancy and income generated: **Nil**
25. Faculty selected nationally/internationally to visit other laboratories/ institutions/industries in India and abroad: **Nil**
26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Name of Faculty	Name of Journal	National/ International/ Editorial Board	Whether Chief Editor (Y/N)
Dr HN Patel	Prajna Research Journal, Sardar Patel University	National	Editorial Board
	International Journal of Interdisciplinary Approaches	National	Subject Expert
	Samaj Veeganiki	International	Advisory Board
	Samajgosti	National	Editorial Board
Dr JM Trivedi	KCG e-Journal of social sense	International	Chief Editor
Dr RH Makwana	A Journal of Asia for Democracy and Development: A Quarteriy Journal of Social Sciences	International	Editorial Board
Dr IM Macwan	Ideal research an international Multi discipilirery e-Journal	National	Editor body



27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-9.pdf

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: **Nil**
- percentage of students doing projects in collaboration with other universities/industry/institute: **Nil**

29. Awards/recognitions received at the national and international level by

• **Faculty:**

Name of Faculty	Awards/Recognitions Given by	International /National	Year
Dr RH Makwana	Dr Ambedkar Award and One Lakh Rupee by Government of Gujarat, Gandhinagar	State	24/12/2012
	Sardar Patel Award International Sardar Vallabhbhai Patel Foundation, New Delhi	National	27/02/2012
	Global Teachers Role Model Award by MVLA Trust Mumbai	National	05/11/2015

- Doctoral / post doctoral fellows: **Nil**
- Students: **Nil**

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Please do refer Volume-II and URL:

www.spuvvn.edu/iqac/rar16/annexures/ann-13.pdf

31. Code of ethics for research followed by the departments

DRC formulates and monitors ethics for research.

32. Student profile programme-wise:

Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
MA	2010-11	93	76	80	100	100
	2011-12	174	101	83	100	100
	2012-13	142	115	61	100	100
	2013-14	125	82	91	100	100
	2014-15	-	-	-	-	-



Name of the	Year	Applications	Selected	Pass percentage	
MPhil	2010-11	57	07	100	100
	2011-12	31	79	100	100
	2012-13	29	-	100	100
	2013-14	47	-	100	100
	2014-15	29	-	-	-

33. Diversity of students: Nil
34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Year	Number of Students	NET	GSLET
2010-11	02	02	-
2011-12	-	-	-
2012-13	-	-	-
2013-14	03	01	02
2014-15	02	02	-

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	NA
PG to MPhil	6 (through MPhil Entrance Test)
PG to PhD	4 (through PhD Entrance Test)

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	75
from other universities within the State	25
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded MPhil, PhD, DSc and DLitt during the assessment period: Nil
38. Present details of departmental infrastructural facilities with regard to

- a) Library

Year	Number of Books/Journals	Amount (in ₹)
2010-11	103/0	75,147
2011-12	-	-
2012-13	101/0	1,10,000
2013-14	-	-
2014-15	22/0	10,460

- b) Internet facilities for staff and students: Each of the faculty has been provided with an Internet connection and can have access to journals provided by the UGC and INFLIBNET.



- c) Total number of class rooms: **02**
- d) Class rooms with ICT facility: **01**
- e) Students' laboratories: **Nil**

39. List of doctoral, post-doctoral students and Research Associates:

2010-11

1. **Manoj Pandiya, Superviosr: Dr JM Trivedi**
2. **Rakesh Bhatia, Superviosr: Dr IM Macwan**
3. **Mahesh L Patel, Superviosr:**
4. **Manoj K Patdia, Superviosr: D RH Makwana**
5. **Bachu L Pawar, Superviosr: Dr RH Makwana**
6. **Tannu G Gayakwad, Superviosr: Dr RH Makwana**
7. **KB Chaudhary, Superviosr: Dr RH Makwana**
8. **Paresh R Patel, Superviosr: Dr RH Makwana**
9. **Ghanshayam M Butani, Superviosr: Dr RH Makwana**

2011-12

10. **Parsotambhai D Vaghela, Superviosr: Dr RH Makwana**
11. **Ram S Sondarva, Superviosr: Dr RH Makwana**
12. **Navghan V Ahir, Superviosr: Dr RH Makwana**
13. **Manish Jansari, Superviosr: Dr RH Makwana**
14. **Vasant P Sadhu, Superviosr: Dr RH Makwana**
15. **Magan M Makwana, Superviosr: Dr RH Makwana**
16. **Satish Gamit, Superviosr: Dr RH Makwana**

2012-13

17. **Anil Nakum, Superviosr: Dr JM Trivedi**
18. **Nikunj Patel, Superviosr: Dr JM Trivedi**
19. **Bard H L, Superviosr: Dr JM Trivedi**
20. **Hitesh vala, Superviosr: Dr IM Macwan**
21. **Dharmendra Soneri, Superviosr: Dr IM Macwan**
22. **Nilesh Shah, Superviosr: Dr IM Macwan**
23. **Rekha Sharma, Superviosr: Dr NK Chauhan**
24. **Babu T Kathiya, Superviosr: Dr RH Makwana**

2013-14

25. **Shailesh B Gosai, Superviosr: Dr HN Patel**
26. **Sonal N rana, Superviosr: Dr IM Macwan**
27. **Krutika Chaudhari, Superviosr: Dr IM Macwan**
28. **Parvin Mansuri, Superviosr: Dr IM Macwan**
29. **Nikhil A Desai, Superviosr: Dr RH Makwana**
30. **Rakesh D Bhedi, Superviosr: Dr RH Makwana**
31. **Virendrsinh R Jadav, Superviosr: Dr RH Makwana**

2014-15

32. **Suvera Snajivani, Superviosr: Dr IM Macwan**
33. **Sakkarin Bamphensamai, Superviosr: Dr IM Macwan**
34. **Rinkesh A Patel , Superviosr: Dr RH Makwana**
35. **Rina R Gamit, Superviosr: Dr RH Makwana**



36. Vishnu L.Hadal, Superviosr: Dr RH Makwana
 37. Mala D Gamit, Superviosr: Dr RH Makwana
 38. Vinod M Chaudhary, Superviosr Dr RH Makwana
 39. Raju N Pateliya, Superviosr: Dr RH Makwana

Please do refer Volume-II and URL:

<http://www.spuvvn.edu/iqac/rar16/annexures/ann-22.pdf>

40. Number of post graduate students getting financial assistance from the university.

Year	SC scholarship	ST scholarship	OBC scholarship
2010-11	10	41	20
2011-12	09	33	11
2012-13	15	23	23
2013-14	09	22	17
2014-15	15	34	32
Total	58	153	103

Note : Free Studentships are also provided to meritorious students from self finance fund.

Sr. No.	Year	Name of the Students	Amount of Scholarship	Name of the Scholarship
1	2010-11	-	₹10,000 (per annum)	Kashiben and Gordhanbhai Patel Scholarship
2	2011-12	Mr Daksheshkumar Bhanubhai Patel		
3	2012-13	Ms Siddhi Ashwinkumar Trivedi		
4	2013-14	Mr Chandrakant Mangalbhai Vankar		
5	2014-15	Mr Maheshkumar Vijaysinh Chauhan		

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **Nil**

42. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how

- a) does the department utilize the feedback?

Orally at the end of Semester.

- b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, feedback from Student and Alumni obtained at the end of each semester.

- c) alumni and employers on the programmes offered and how does the department utilize the feedback?

For changing the curriculum or reforming the curriculum.



43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present Profession	Programme Offered
Dr Parvin Mansuri	Lecturer	PhD
Dr Sanjivni Suvera	Lecturer	PhD
Dr Krutika Chaudhri	Lecturer	PhD
Dr Shailesh Goswami	Lecturer	PhD
Mr Nikunj Patel	Lecturer	PhD
Dr Vimla Chauhan	Lecturer	PhD
Dr Rashila Usdaliya	Lecturer	PhD
Dr Nilesh Shah	Dean, LLB	PhD
Dr Dipika Rohit	Lecturer	PhD
Dr Rina Gamit	Lecturer	PhD

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts. **Nil**

45. List the teaching methods adopted by the faculty for different programmes.

Advanced learner are identified on the basis of their results in the exam and they are guided for relevant book and reading materials PPT is used occasionally.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Department Committee are entrusted with task of monitoring to achieve objectives of Department.

47. Highlight the participation of students and faculty in extension activities. **Nil**

48. Give details of “beyond syllabus scholarly activities” of the department.

Project Work, Library Work, Seminars, class assignment to student in each semester.

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **Nil**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. **Nil**



51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths
<ul style="list-style-type: none"> • Sufficient Physical Facilities. • Sufficient Student Numerical Strength. • Committed and Student Oriented Faculties. • Continuous Research Work and Research Publication by Faculties. • Updated Curriculum.
Weaknesses
<ul style="list-style-type: none"> • Limited ICT Facilities. • Teaching and Research in Regional language. • On Field Faculty Positions. • Lack of Separate Support Staff.
Opportunities
<ul style="list-style-type: none"> • Scope for Collaborative Research. • Scope for Getting Status of Special Department. • Scope for providing counseling Services. • Scope for Getting Permanent Research Centre on Indian dice by UGC. • Scope for conducting Multi Disciplinary Research Project.
Challenges
<ul style="list-style-type: none"> • Maintaining of Student Strength. • Exposing Faculty and student to global educational trend. • Placement of Students.

52. Future plans of the department.

- **Plan to Start Post Doctoral Research.**
- **Planning to introduce new papers on critical social issue.**
- **Planning to convert centre for Indian dice in permanent research centre for project mode.**
- **To publish Curriculum base book data.**
- **To Publish Department Research Journals.**