Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**SARDAR PATEL UNIVERSITY**
Name of the head of the Institution	**Shirish Kulkarni**
Designation	**Vice Chancellor**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02692226803**
Mobile no.	**9978626803**
Registered Email	**iqac_central@spuvvn.edu**
Alternate Email	**vcspu@yahoo.co.in**
Address	**University Road**
City/Town	**Vallabh Vidyanagar**
State/UT	**Gujarat**
Pincode	**388120**

2. Institutional Status

University	**State**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**R.B. Subramanian**
Phone no/Alternate Phone no.	**02692226891**
Mobile no.	**9898538599**
Registered Email	**iqac_central@spuvvn.edu**
Alternate Email	**rb_subramanian@spuvvn.edu**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://spuvvn.edu/iqac/aqar/SPU-AQAR%202017-18.pdf
4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.spuvvn.edu/students_corner/term_schedule/Term%20Schedule%202018-19%20%20Final%20_Revised_%20As%20per%20Govt.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**Four Star**	**0**	**2001**	**19-Jan-2001**	**18-Jan-2006**
2	**B**	**2.83**	**2011**	**16-Sep-2011**	**15-Sep-2016**
3	**A**	**3.25**	**2017**	**23-Jan-2017**	**22-Jan-2022**

6. Date of Establishment of IQAC	**21-May-2004**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
Awareness Meeting Virtual SPU Portal	06-Feb-2019 2	310
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Department of Chemistry	CPEPA	UGC	2016 5	67000000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	10
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

IQAC organized a Oneday Workshop on NAAC Preparation: The Road Aheadon August 31, 2018. The workshop was sponsored by NAAC, Bangaluru. Dr Devender Kawday was deputed by NAAC as a resource person. Other resource persons were invited form various HEIs in Gujarat.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Collection and organization of data for National Institutional Ranking Framework	Data was collected, organized and uploaded on the NIRF portal to undergo the ranking process.

14. Whether AQAR was placed before statutory body ?	**No**
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**25-Jan-2019**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**The Management Information System is a tool that integrates various functions and the stakeholders associated with an organization. Accordingly, in Sardar Patel University MIS is implemented efficiently for the benefit of various stakeholders including students, teaching and administrative staff, internal and external stakeholders and can be accessed as per the requirement. Students have to apply online for the admission. A student's entry to final exit can be completely tracked through a unique ID number provided to her/him at the time of registration. Invitation of application for admissions, prospectus for various programs, online admissions, syllabus, evaluation details, provisional mark sheet generation, degree awarding details, etc. are integrated through online developed system. Students related information like their academic performance, differently abled students, gender and caste, are generated by the system. Such information is useful in decision making processes like creating appropriate infrastructure to facilitate the students need belonging to various categories. Statistics generated by the MIS is used in monitoring the progress of the students during the program. The monitoring of the number of students in various**

programs and accordingly the decisions regarding the continuation of the program at the institute level are done. Online process of scholarship from various government and other agencies is facilitated by the university, and the information thus generated is used to analyze the details of the beneficiaries. Examination registration forms are filled online having details like the available subjects and elective subjects chosen by each student. Departments and Colleges download the hall ticket of the students appearing in the exam, which in parallel provides statistics related to the students for the examination section. Information acquired through the examination form are used to plan and execute the entire examination process. Transparency in the examination process is assured using double barcode on the answer books to keep the identity of the student anonymous. The processing and preparation of results is fully automated and integrated with MIS. Information related to the number of students registered, appeared, passed, with various grades is drawn and it is used for further analysis of the results. Students can download provisional mark sheet from the portal. Application for seeking degree is done online. Lastly the exit formality is processed through MIS, which is used to trace the student progression. Details related to the staff members are fed into MIS like salary, leaves, and faculty welfare which are integrated and managed through information system. Information related to the service of various staff members is used to analyze the status of faculty availability in each program viz a viz student ratio, vacancies, etc. Data related to gender is used to analyze the gender audit among students and various categories of staff. Various financial and accounting details are integrated through efficient MIS. Procurement and purchases are routed through computer aided procedures. Various circulars and notifications for various stakeholders are updated on the website in time. The website of the university is so designed that any information required can be had easily.

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
No Data Entered/Not Applicable !!!			
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MSc	Applied Physics	11/06/2018	PT01CAPC01 Basic Mathematical Tools	11/06/2018
MSc	Applied Physics	11/06/2018	PT01CAPC02 Physics of Atomic - Molecular Spectroscopy and Statistical Mechanics	11/06/2018
MSc	Applied Physics	11/06/2018	PT01CAPC03 Applied Electronics	11/06/2018
MSc	Applied Physics	11/06/2018	PT01CAPC05 Experimental Methods -II	11/06/2018
MSc	Applied Physics	11/06/2018	PT01EAPC01 Nanoscience & Applied Materials	11/06/2018
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
LLM	Business Law	11/06/2018
MSc	Applied Physics	11/06/2018
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
No Data Entered/Not Applicable !!!		

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Life Skil Education	01/03/2019	41
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSW	Social Work	347
MCA	Computer Applications	91
MSc	Electronics	73
MSc	Home Science	66
MSc	Materials Science	22
MLibISc	Library & Information Science	11
MSc	Information Technology	12
MSc	Industrial Biotechnology	8
MSc	Biochemistry	7
MSc	Bioinformatics	6
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

A standard feedback mechanism exists at the department and the university level where questionnaire is prepared based various aspects like curricula, teaching-learning-evaluation, administrative facilitation and support etc. Feedback collected from students, teachers, parents and alumni by individual department of the university is analysed using standard statistical methods. The analysis is focused on identifying the strengths and weaknesses of the students, teachers and the departments in its academic performance. It is used to keep a track of the impact of the changes made in the curricula, teaching-learning-evaluation methods etc. based on previous feedback. Analysis of the student feedback is particularly useful in identifying the slow learners, the problems faced by majority of students in learning due to inadequate teaching-learning resources and teaching methods. Remedial classes and counseling sessions for the slow learners are arranged after the regular classes. Issues related to teaching are addressed by the head of the department through consultation and sincere efforts are made to fix the problems. Analysis of the feedback from

parents and alumni helps to know their perception about the department as an academic unit, to trace any lacunae in the academic and administrative set up, to explore the possibilities of active engagement of the parents and alumni in the further development of the department and university.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MA	Economics	120	275	63
MCom	Commerce	240	1433	223
MSc	Chemistry	201	2799	190
MSc	Mathematics	140	587	139
MEd	Education	50	131	45
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	43	3716	Nill	152	3

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
152	152	1558	103	12	3305233
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

In each post-graduate department, there is a mentoring system involving teachers of the departments. The teacher is assigned responsibility for a batch of post-graduate students to monitor their attendance and support them in their learning. They also help students to address their issues regarding learning resources, participation in co-curricular activities, preparations for competitive exams, etc. The mentors also help to resolve the socio-economic problems of the students. This helps in developing a cordial relation between teachers and the students. It has been experiencing by mentors that their involvement contributes towards the holistic development of the students and making their studies in the university pleasant and memorable. Career guidance is also given in this system. This system in the post-graduate departments bridges the gap between students and the teaching community. This system is envisaged as one of the key factors in the performance of the students. The university teachers give a patience listening to the needs and expectations of the mentee and give suitable advice and fruitful guidance. Also, they clarify the goals and aspirations of the mentee. The mentors role is to guide, give advice, and support the mentee. The mentor focuses on the need of the students and regular updates about the student progress. It is a big challenge to encourage, exploring the new ideas and

opportunities of the mentee. All mentors can always do more for the benefit of students. The mentor establishes consistent communication with the students and counsels them wherever necessary and closely monitors the overall development of the students. They continuously monitor, counsel, guide, and motivate the students in all academic matters. A mentor plays a vital role in nurturing students and has a positive impact on students' persistence and academic achievement. A mentee can approach his/her mentor for both educational and personal guidance even during off office hours. It is conducted to help the students to strengthen their varied capabilities and to build an interpersonal relationship between the faculties and students. It is a reciprocity activity. It helps to mentor and mentee to reconnect to the people in our own organization and become re-energized. During the mentoring process student get knowledge about ins and outs of the university, his/her area, and his/her profession, also got deepened self-knowledge and self-understanding. Effective mentorship has an overall positive effect on academic achievement, retention, and degree attainment, as well as on career success, career satisfaction, and career commitment in long run. Mentor and mentee have equal importance in the dyad and therefore the well-being of both is essential to a successful outcome. These bridges the professions, organizations, public and private sectors, injecting differing perspectives to enrich the process. The mentor has a chalked-out responsibility to take care of all the mentees to always support them as and when required.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3759	152	1:25

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
254	152	102	Nill	140

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Prof. S. S. Soni	Professor	Sardar Patel Research Award for research paper
2018	Dr. Darshnaben R Dave	Professor	Invited lecture at 47 refresher course at UGC – Human Resource Development Centre(UGC-HRDC) Sardar Patel University
2018	Prof. H. M. Patel	Professor	Outstanding Contribution Award for reviewing- Journal of Molecular Structure, Elsevier
2018	Dr. Kamini Shah	Associate Professor	Sardar Patel Research Award for research paper
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MSW	PA MSW	IV	19/03/2019	07/05/2019
MEd	PE MED	IV	25/03/2019	04/05/2019
MSc	PS CHE	IV	18/03/2019	06/05/2019
MCom	PB COM	IV	28/03/2019	21/05/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
228	3759	6.00

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

No Data Entered/Not Applicable !!!

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
PM MBA	MBA	Business Administration	82	82	100
PS CHE	MSc	Chemistry	170	167	98
PB COM	MCom	Commerce	202	197	98
PA SOC	MA	Sociology	55	55	100
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://spuvvn.edu/iqac/SSS-2018-19.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency

3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
Rupa B. Mukherjee (Project Fellow)	928	UGC, New Delhi
Adwitiya Deb (Project Fellow)	928	UGC New Delhi
Chetan V. Rajput (Project Fellow)	928	UGC, New Delhi
Hiralben D. Atara (Project Fellow)	731	UGC, New Delhi
Hiren Machi (Project Fellow)	365	UGC, New Delhi
Kamal Soni (Junior Research Fellow)	1095	UGC, New Delhi
Manoj Parmar (Project Fellow)	1002	UGC, New Delhi
Mayank Sharma (Senior Research Fellow)	365	SERB, New Delhi
Nisha B. Patel (Project Assistant)	365	SERB, New Delhi
Riteshri H. Soni (Junior Research Fellow)	207	UGC, New Delhi
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	365	Government of India, Ministry of Agriculture and Farmers welfare, Department of Agriculture Cooperation and Farmers Welfare, New Dehli	360	350
Any Other (Specify)	1095	UGC, New Dehlhi	147	102.6
Minor Projects	365	Biomedical Waste Inventorization project by GEMI,	6.59	6.47

Interdiscipli nary Projects	365	Department of Rural Development, Ministry of Rural Development (MORD), Government of India, Krishi Bhavan, New Delhi	36.78	9.77
		Gandhinagar		

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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
No Data Entered/Not Applicable !!!		
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
SSIP Sardar Patel University	Utsav J. Patel	SSIP Government of Gujarat	Electric Car (EV-fy)	Proof of Concept (E-vehicle)	22/10/2018
SSIP Sardar Patel University	Dhruvil Modi	SSIP Government of Gujarat	Home Automation using smartphone to control Lights and Fan	Proof of Concept (Home Automation Gadget))	22/10/2018
SSIP Sardar Patel University	Pranali G. Karnani	SSIP Government of Gujarat	Characteri zation and Formulation of Fruits and Vegetables mixed Juice and Development of functional food biscuit by using waste	Proof of Concept (Nut raceutical)	22/10/2018

| SSIP Sardar Patel University | Rajeshree Karnik | SSIP Government of Gujarat | Micro-Nutrient Rich Salt | Proof of Concept (Nutraceutical) | 22/10/2018 |

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Department of Library and Information Science	2
Department of Sociology	2
Department of Material Science	1
Department of Computer Science (G H Patel P G Dept. of Computer Science)	1
Department of Sanskrit	1
Agro Economic Research Center	1
Affiliated/Recognized Institutes (PMC, VP RPTP, MBPSC, HMPIETR)	23
Department of Business Studies	17
Department of Education	14
Department of Hindi	12
Department of Physics	12
Department of Business Management (G. H. Patel P G Dept of Business Management)	10
Department of Psychology	9
Department of Chemistry	7
Department of Gujarati	6
Department of English	6
Department of Biosciences (B R D School of Biosciences)	6
Department of Economics	4
Department of Mathematics	3
Department of Social Work	3
Department of Pharmaceutical Science	2
Department of Homescience	2

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Department of Material Sciences	5	4.55

International	Department of Chemistry	38	3.62
International	IICISST	3	3.53
International	Department of Biosciences	17	3.47

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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Department of Hindi	6
Department of Business Studies	2
Agro-Economic Research Centre	2
Department of Library and Information Science	2

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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
A practical green visit to the functionalized [1,2,4]triazolo[5,1-b]quinazolin8(4h)one scaffolds using the group-assisted purification (gap) chemistry and their pharmacological testing	D. M. Patel,R. M. Vala,M. G. Sharma, D. P. Rajani,H. M. Patel	ChemistrySelect	2019	8	Department of Chemistry	23
A smart flexible solid	K. K.Sonigara, J. V. Vaghasi	Small	2018	5	Department of	16

state phot ovoltaic device with cooling recovery feature	ya,H. K. Machhi, A. Gibaud, S. C. Tan, S. S. Soni					Chemistry	
Cadmium sulphide (CdS) thin films deposited by chemical bath deposition (CBD) and dip coating techniques – a comparative study.	A. J. Khimani, S. H. Chaki, T. J. Malek, J. P.Tailor	Materials Research Express	2018	7		Department of Physics	20
Fluoresc ence and absorption studies of DNA-Pd(II) complex in teraction: Synthesis, electroana lytical in vestigatio ns and biological activities	K. P. Thakor, M. V. Lunagar iya,B. H. Pursuwani, B. S. Bhatt,M. N. Patel	Luminesc ence	2019	7		Department of Chemistry	20
Influence of alloy e ngineering on structural and photo detection properties of Sb XSn1-XSe2 ternary alloys	M. Tannarana, P. Pataniya, G. K. Solanki, S. B. Pillai, K. D. Patel, P. K. Jha, V. M. Pathak	Applied Surface Science	2018	7		Department of Chemistry	22
Anti-pro liferative 1,4-dihydr opyridine pyridine d erivatives	M. G. Sharma, R. M. Vala, D. M. Patel, I. Lagunes,	Chemistry Select	2018	7		Department of Chemistry	22

synthesized through a catalyst-free, one-pot multi-component reaction	M. X. Fernandes, J. M. Padrón, V. Ramkumar,R. L. Gardas, H. M. Patel					
A review on diverse heterocyclic compounds as the privileged scaffolds in antimalarial drug discovery	P. N. Kalaria,S. C. Karad,D. K. Raval	European Journal of Medicinal Chemistry	2018	21	Department of Chemistry	62
Hydroxyl alkyl ammonium ionic liquid assisted green and one-pot regioselective access to functionalized pyrazolodihydropyridine core and their pharmacological evaluation	D. M Patel,M. G.Sharma, R. M. Vala,I. Lagunes, A. Puerta, J. M.Padron, D. P. Rajani,H. M. Patel	Bioorganic Chemistry	2019	8	Department of Chemistry	24

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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Cyanobacterial diversity in mat sample obtained from hyper saline desert, Rann of Kachchh	Hiral M Patel, Rajesh P Rastogi, Ujjval Trivedi, Datta Madamwar	3 Biotech	2019	20	4	Sardar Patel University

Influence of Co-doping on the optical and magnetic properties of CdS nanoparticles	N. H. Patel, M. P. Deshpande, S. H. Chaki	Influence of Co-doping on the optical and magnetic properties of CdS nanoparticles	2018	17	5	Sardar Patel University
Effect of indium and antimony doping on the transport properties of direct vapour transport (DVT) grown SnSe single crystals	S. Patel, S. H. Chaki, P.C. Vinodkumar	Journal of Applied Physics	2019	17	4	Sardar Patel University
Biofuels	AvaniBharatkumar Patel Shilpi Singh Aaishwarya Patel Kunal Jain Seema Amin Datta Madamwar	Bioresource Technology	2019	48	8	Sardar Patel University
Hybrid hydrogel systems of micelles of drug anion containing ionic liquid and Biopolymers: Rheological behaviour and drug release	N. V. Sastry D. K. Singh P. A.Trivedi	Colloids and Surfaces A: Physico chemical and Engineering Aspects	2018	31	4	Sardar Patel University
			[View File](#)			

3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local

Attended/Seminars/Workshops	9	26	15	12
Resource persons	10	25	7	3
Presented papers	37	45	12	1

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Dr. J. S. S. Mohan, Department of Biosciences	Individual consultancy	Kutch Crop Services Ltd., Mundra	600000
Department of Chemistry	Analytical Service Charges	Sample analysis from Industry/University/ College	4566
Department of Physics	Analytical Service Charges	Sample analysis from Industry/University/ College	39700
Department of Material Science	Analytical Service Charges	Sample analysis from Industry/University/ College	198776
University Science Instrumentation Centre	Service and Consultancy Charges	Service and Consultancy Charges	1057073
Agro-Economic Research Centre	Impact Assessment and Evaluation of Fodder Seed Production and Sale activities under National Dairy Plan I	National Dairy Development Board, Anand	1463565
Agro-Economic Research Centre	Impact assessment of Goods and Service Tax (GST) on the use of selected inputs and adoption of Micro-Irrigation (MI) tools in selected districts of Gujarat	Gujarat Economic Association Silver Jubilee Trust, Vadodara	25000
Agro-Economic Research Centre	Breakeven Analysis in Dairy Farm Enterprises and Strategies for its Sustainable Growth under NDP-I	National Dairy Development Board, Anand	3960000

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
No Data Entered/Not Applicable !!!				
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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Sardar Patel University -NSS Camp.	Way Med College of Education, V. V. Nagar	2	200
Recipe Demonstration at Anganwadi Training Centre, V.V. Nagar	P.G. Department of Home Science	2	23
Skit on Importance of Nutrition at Anganwadi, Bakrol as a part of Extension Activity- practical	P.G. Department of Home Science	2	23
Blood Donation Camp	Dept. of Chemistry and Indian Red Cross Society	13	98
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Constitution Day	Knowledge consortium of Gujarat	Dr. Baba Sageb Ambedkar Jayanti	2	100
Gandhi Jayanti	Sardar Patel University	Janam jaynti of Hon. Mahatma Gandhi	20	150

Swatchta Abhiyan	Sastri Medan, Sardar Patel University	Swachta abhiyan: Pushpanjali and Bhajan	25	350
Ek Bharat Shreth Bharat	Sardar Patel University	Ek Bharat Shreth Bharat	20	100
Rastriya Ekta Divas	Sardar Patel University	Shapat programme	150	800
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Collaborative Research Project	2	DST, New Delhi	1095
Collaborative Research Project	2	UGC,DAE CSR, Mumbai	1095
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	P. G. Project Work	Praksh Software Solution	17/12/2018	30/04/2019	1
Inplant training	Student Infield training	Amul Dairy and Amul Chocolate Plant, Anand, Gujarat	05/04/2019	29/04/2019	1
Project Work	P. G. Project Work	Atul Ltd, Atul	15/12/2018	26/04/2019	1
Sharing of Research facility	Collaborative Research	Dr Jose Pedron Instituto Un iversitario de Bio- Orgánica Antonio González Apdo. correos 456 / PO Box 456 38200 La Laguna, Canary	04/01/2018	31/03/2019	1

| | Islands (Spain) | | | |

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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Zytex Biotech Pvt. Ltd	26/03/2019	Industrial Sponsored Project to Support Ph. D. students	2
Muljibhai Patel Urological Hospital, Nadiad	15/06/2019	Quantification of Immunosuppressive drugs in blood samples of kidney transplant patients	2

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1094	1088.92

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar Halls	Newly Added
Class rooms	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Laboratories	Newly Added
Classrooms with LCD facilities	Existing
Others	Newly Added

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
SOUL	Partially	SOUL 2.0	2005

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total

Reference Books	174676	62074168	1461	3132924	176137	65207092
e-Books	3300408	1776107	1169	2268678	3301577	4044785
Journals	5778	101656632	263	4328178	6041	105984810
e-Journals	9548	4749073	7	465191	9555	5214264
Digital Database	5	Nill	Nill	Nill	5	Nill
Weeding (hard & soft)	12759	Nill	17	Nill	12776	Nill

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 4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. Sudha Chauhan	Madhyakalin Gujarati Hastpratoma Sinhasan Batrisi- Module 5	SWAYAM	01/10/2018

No file uploaded.

4.3 – IT Infrastructure

 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1622	30	1622	1	1	216	1406	1024	5
Added	186	1	186	0	0	43	143	0	0
Total	1808	31	1808	1	1	259	1549	1024	5

 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1024 MBPS/ GBPS

 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Audio Recording Facility is available in community radio station	[Nil](#)

4.4 – Maintenance of Campus Infrastructure

 4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on	Expenditure incurred on	Assigned budget on	Expenditure incurredon

academic facilities	maintenance of academic facilities	physical facilities	maintenance of physical facilites
5	4.86	25	24

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The university has set procedures for judicious distribution and utilization of the available financial resources for maintenance of physical, academic and support facilities like laboratory, library, sports complex, computer and classrooms. The University has well established estate section headed by University Engineer along with his team of engineers and other staff looks after various physical facilities. The university has 3 campuses namely university main campus, residential staff colony and satellite campus. The university has more than 30 educational buildings, 324 quarters, 8 hostels and 5 support services buildings. The estate section has been assigned the duty of quarters allotment to its permanent employee as well as students pursuing PhD. For the same estate section invites application through circular and after stipulated time the allotment is done on the basis of rules and regulation framed by syndicate vied item no. 35 dated 6/7/2017. For guest house allotment the university has prescribed form for the allotment and also has approved rates for educational and other than educational purpose. The university has its own University Science and Instrumentation Center (USIC) for maintaining the laboratory equipment. There are some sophisticated equipment which are maintained by the concern companies. In case of costly equipment above 5 lakhs, the university has a policy to procure them from suppliers/ manufacturers on a condition of providing 3 years warranty and 2 years AMC or 5 years warranty after expiry of 5 years warranty provided by suppliers at the time of Installation. Apart from this, the university permits to avail AMCs for sophisticated equipment from the manufacturer. Some of the equipment are maintained by the technical assistance of the departments. Computers and peripherals are maintained by USIC centre. The Director of Physical Education takes care on the utilization of sports facilities. The university has a huge sports complex, which includes indoor games like badminton, table tennis, basketball. The University also has playground where students can play games like football, cricket, volleyball, basket-ball. The university has also constituted a sports committee including syndicate member to decide on the maintenance of the complex and various facilities. The University has central library called Bhaikaka Library along with various departmental library. The central library has librarian and library committee including syndicate numbers that looks after various policy decisions, procurement and maintenance of the books in library. The central library has been utilizing the SOUL 2.0 software procured by INFLIBNET for its function. The library has its own prescribed rules and regulation regarding membership, borrowing of books and fine. The technical assistants of library, computer center and INFLIBNET carry out troubleshooting and maintenance of SOUL software. The computer center carries out the installation and maintenance of the software in all the department and sections of the university. The computer center also maintains the networking and the internet facility in the entire university.

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees

Financial Support from institution	Self-finance free Studentship	96	1596500
Financial Support from Other Sources			
a) National	Inspire Fellowship	5	2101517
b)International	None	Nill	Nill
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Student mentoring and personal counselling	01/04/2018	378	Respective faculties of the Department
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Informal Guidance for SET/NET/GATE Examinations etc.	Nill	150	101	Nill
2018	Departmental Placement Cell	Nill	Nill	Nill	253
2018	National Career Service	Nill	1700	Nill	91
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed

National Cooperative Dairy Federation of India Limited (NCDFI)	205	3	Others	765	144

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	168	Sardar Patel University	Departments of Sardar Patel University	Higher Educational Institutes	Ph. D./M.Phil
2018	90	Sardar Patel University	Departments of Sardar Patel University	PG Departments of Sardar Patel University	Ph. D./M.Phil

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
SET	62
NET	21
GATE	9
Any Other	9

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Table Tennis	Inter Collegiate	128
Cross Country	Inter Collegiate	194
Football	Inter Collegiate	280
Basketball	Inter Collegiate	300
Badminton	Inter Collegiate	300
Kabbadi	Inter Collegiate	480
Athletics	Inter Collegiate	528
Valley Ball	Inter Collegiate	540
Kho-Kho	Inter Collegiate	576
Cricket	Inter Collegiate	608
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	All India Inter University Youth Festival (Quiz - 4th Position)	National	1	Nill	Nill	Tasmay Oza
2019	All India Inter University Youth Festival (Quiz - 4th Position)	National	1	Nill	Nill	Harsh Patel
2018	West Zone Inter University Youth Festival (Quiz Comp etition - 3rd Prize)	National	1	Nill	Nill	Shri Vasu Patel
2018	West Zone Inter University Youth Festival (Quiz Comp etition - 3rd Prize)	National	1	Nill	Nill	Tasmay Oza
2018	West Zone Inter University Youth Festival (Quiz Comp etition - 3rd Prize)	National	1	Nill	Nill	Harsh Patel
2018	West Zone Inter University Youth Festival (Debate Co	National	1	Nill	Nill	Miss Gunjan Verma

2018	West Zone Inter University Youth Festival (Debate Competition - 3rd Prize)	National	1	Nill	Nill	Hrishika Sesodia
2019	All India Inter University Youth Festival (Quiz - 4th Position)	National	1	Nill	Nill	Shri Vasu Patel
2018	Silver Medal - All India Inter University Judo (Women) Tournament	National	1	Nill	Nill	Kum. Alpaben Devatbhai Vadher
2018	Bronze Medal - All India Inter University Judo (Women) Tournament	National	1	Nill	Nill	Kum. Khyati Bipin Patel
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

As per Sardar Patel University statue, student representatives are designated in Senate Body and The Board of Sports and Welfare. Moreover, student representatives are also involved in various academic and administrative bodies, which include Anti Ragging Committee, Women Cell, Wall Magazine Committee, Students Grievance Cell, Students Society, etc. The university has a very effective decentralized student council representative system. Each class has a class representative, woman representative and general secretary. These representatives closely work with the societies headed by heads of the department and faculty members. The activities are funded by University Central Gymkhana Fund and Departmental Gymkhana Fund. Following activities are carried out for the students: Organizing the cultural programs Organizing the extracurricular programs [1] Organizing welcome party [2] Organizing farewell party [3] Days celebration [4] Talent finding [5] Sports day [6] Annual day or its equivalents event [7] Organizing activity for overall development, etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The university at central level has recently registered an alumni association named, "S. P. UNIVERSITY BHUTPURVA CHHATRAMANDAL", even though some of our individual departments have registered alumni association as independent units. The periodical meets of alumni are arranged at department level and the alumni are encouraged to participate and give suggestions in finding more opportunities for job placement. Interactive sessions of alumni and present students are arranged for giving useful tips in facing the interview and group discussion etc. There is a SPU alumni association at USA and they keep in close touch with the university and they help us in strengthening of academic research activities of academic and research activities. A tradition of gathering of alumni and just passed out studies on the eve of convocation day at department is rigorously maintained. During this visit informal discussion and informal feedback are also taken. Some of our alumni maintain groups on social media such as Facebook Whats-App.

5.4.2 – No. of registered Alumni:

1147

5.4.3 – Alumni contribution during the year (in Rupees) :

27000

5.4.4 – Meetings/activities organized by Alumni Association :

During the year 2018-19, our Alumni Association has conducted 27 activities. These includes Alumni meet, Alumni interaction, Invited Talks, Felicitation of Alumni Members, Industrial relations, etc. Nine departments participated actively in organizing meetings/activities through Alumni Association. During one such meeting, Shri Pankaj Iswarbhai Patel has donated Samsung Refrigerator worth Rs. 27000 to the department of Business Studies for office use.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

[1] Decentralization of financial decision making by delegation of power: For effective implementation of teaching and research program, quick decisions are needed for acquiring essential items needed routinely. Keeping this in mind, each Head of Department, all sections are given power to take decision on the purchase and ordering of chemicals, laboratory items, stationary items, other teaching material to the tune of Rs. 25,000/- to Rs.50,000/- after inviting quotations. The Vice-Chancellor has been given power to approve the purchase order upto Rs. 2,00,000/- with due quotation process. The mandatory procedure for quotation is followed. The item costing above Rs. 2,00,000/- are purchased after inviting open tenders and taking the approval of equipment committee, FE and syndicate. [2] The academic and executive decisions are taken by committees where teachers and students representatives are members: Board of studies in each subject of discipline is composed of teachers and has statutory power to consider the matters related to preparation of syllabus, course structure, mode of continuous evaluation, reviewing the examination papers, preparing the panel of examiners, etc. and approving them. Similarly, two Head of the Department, some faculty members are part of the various university authorities such as syndicate, senate, academic council, etc. Their inputs are considered before

taking final decision.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	The centralized admission system has been totally made online so that the student can choose the subject, institute online based on his predeclared merit and preannounced seat matrix category wise. Application to final admission the student need not visit in person.
Industry Interaction / Collaboration	The university has entered into a collaborative agreement for the analysis of rare samples from Kidney Hospital, Nadiad using LC-MS machine.
Human Resource Management	The university continued the practice of deputing its faculty members for atteding UGC Orientation and Refresher courses at HRDCs across the country by duty leave. The practice of deputing faculty members for various academic events in their subject is continued and encouraged by providing financial support wherever needed and deserved. The expert resource persons in different subjects are invited to the campus under I. A. Patel (Shertha) Visiting Program and different chairs for the special lectures and interactions with the faculty members and the students. The university on its own organized two Faculty Development Programs in the subjects of science and non-science and top level experts across the country delivered research based talks for the benefit of young faculty so that they can design and write research proposals for funding.
Library, ICT and Physical Infrastructure / Instrumentation	Library resources are upgraded every year with the purchase of books, journals, electronic resources etc. For monitoring plagiarism in PhD thesis, the software is purchased. New CISST building became functional. The Library services are automated and upgraded so that the resources are accessible from the remote consoles set up at some departments. New construction of the auditorium room in Maths, Business studies, Statistic and Humanity

	Department.
Research and Development	The practice of congenial ecosystem for the promotion of research is continued by creating a central facility of major equipments at department as well as at the university level for the free access by faculty members and research students. Each science departments are providing a special research grant for the purchase of special chemicals required for M.Sc. dissertations and Ph.D. programs. The appreciation of research work is done by providing financial support to the faculty as well as students for attending and presenting results at various conferences or seminars. The principal investigators are provided with duty leave for carrying out their research work. The best research papers are chosen by a peer review and awarded with a cash prize and a citation at the time of annual convocation in both faculty and student categories in five different disciplines from the generous fund donated by Chandubhai Patel (Vakil) foundation.
Examination and Evaluation	The university for the first time has conceptualized and implemented in novel method of taking exams as per the convenience of the students. This scheme is called on demand exam. The main purpose of this novel scheme is to address the heavy backlog of subjects at previous semesterrs especially at UG level. Due to this, the students could not be awarded the degree. As an experiment a total of 2789 students were permitted to register for on demand exam two times with a one month gap for the semester I and II of B Sc. during the year. 1283 students got the direct benefit of the scheme. The on demand exam is an additional opportunity for the students with backlog besides the regular inter semester exam.The answer books are barcoded to maintain the secrecy of students.The evaluation involves both internal and external components. The students are given opportunity to choose for internal and external reassessment and observe their assessed answersheets. The reassessment process is completed within a short time. The grievances related to examination/assesment is settled in

	presence of faculty dean.
Teaching and Learning	Orientation program is organised for the newly admitted students at the university library to brief about the various resourses available both in soft and hardcopy. Students are given access to various e-resources like KIOSK. Teaching involves both uses of black board and ICT facility.To develop self learning value, students are assigned assignment and are made to present it in form of seminar. Students and teachers have access to electronic resources
Curriculum Development	With an aim to help mitigate the problems associated with english medium of instruction for the students coming from vernacular medium, the university has initiated printing text books on its own cost in university press. These books are authored by the university teachers. During this year 9 such books were printed and published in different subjects at F Y B Com. Similar books for S Y B Com are planned for the next year.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	The University uses nProcure system for online tendering of items or services above 5 lakhs worth. The university uses PFMS for operating grants of government agencies. Purchases are made through GEM portal wherever applicable/required to save time and cost and as a part of compliace of Govt. guidelines.
Administration	The university administration very effectively uses ICT for communication at various levels. The entire university is networked through fibre and internet is provided at every node.
Finance and Accounts	The Finance and Accounts is automated using TALLY. Entire process is online.
Student Admission and Support	The application process for admission to Post graduate courses in University was made online. Online centralized admission process of admission is followed from this academic year.
Examination	The registration process for examination by students, generation of hall tickets, barcoding of answersheets, entry of marks and generation of marksheets is done

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Dr. Komal M. Vyas	28th International Conferance on Organometallic Chemistry (ICOMC-2018)	DST_SERB, New Delhi (International travel Support under Young Scientist category)	126872
2018	Dr. B. Agja	One day training Programme	National Human Right commission, New Delhi	50000
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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	40th Orientation Programme	Nill	21/05/2018	17/06/2018	42	Nill
2018	44th Refresher Course : Applications of ICT in Sciences	Nill	11/06/2018	01/07/2018	40	Nill
2018	Short Term Course : Research Methodology	Nill	12/11/2018	17/11/2018	37	Nill
Nill	Nill	3rd Principal Meet	25/08/2018	25/08/2018	Nill	53
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Development Program	31	03/12/2018	07/12/2018	05
Orientation Programme	3	12/11/2018	09/12/2018	28
Refresher Course	2	03/12/2018	22/12/2018	20
Short Term Course	3	07/01/2019	13/01/2019	7

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	Nill	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Loans from GENERAL Provident Funf(GPF)/Contributory Provident Fund (CPF) Rs. 44,53,445Group Insurance Scheme Rs. 5,86,305.00 Teachers Welfare Fund Rs. 54,09,360.58/-Medical Facilities from Heath Centre Rs. 24,33,917/-	Loans from GENERAL Provident Funf(GPF)/Contributory Provident Fund (CPF) Rs. 64,77,960 Group Insurance Scheme Rs. 5,23,108.50 Medical Facilities from Heath Centre Rs. 24,33,917/-Kalyan Nidhi for Non-Teaching Staff Rs. 1,45,000/- Free Studentship to the wards of Class-III and Class-IV of SPU Employees Studying in Sardar Patel University (No data) Rs. 25,000	Medical Facilities from Heath Centre Rs. 24,33,917/- Student Group Insurance Rs. 8072/-

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Yes, the University has appointed Chatered Account Firm as an internal auditor to regularly audit income and expenditure of the Government grants, University income, other income and expenditure of other funding agencies as well as other source of income for the development of the University. According to the provisions of the University Act, Local fund as well as CAG audits the income and expenditure of the University periodically. All the audit report is put before University Syndicate with recommendations of the Finance and Establishment Committee for approval.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Shri Devangbhai Patel Ipcowala	25100000	Donation for Multipurpose IPCOWALA Auditorium

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6.4.3 – Total corpus fund generated

265942328

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nill	No	Nill
Administrative	No	Nill	No	Nill

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Each college and affiliating institute is given full academic autonomy and partial examination autonomy. However, they have to adhere to academic calender jointly approved by the Principals of the colleges/institutes and Head of the Department. The self-finance institutes are allowed to admit 20 of intake as management quota.

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

The practice of inviting Gold Medalists with their parents on the eve of convocation day is continued. Informal interactions with parents have been instrumental in mentoring of the students. It helped in smoothening the administrative bottlenecks. It helped in enhancing the overall perception about the university among stakeholders.

6.5.4 – Development programmes for support staff (at least three)

NIL

6.5.5 – Post Accreditation initiative(s) (mention at least three)

[1] Sensitization of IPR and Quality Research

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Awareness Meeting Virtual SPU Portal	04/02/2019	06/02/2019	07/02/2019	310

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Radio Broadcast by an expert: (Repeat Broadcast) "Importance of Nutrition during Adolescence and Adulthood" roadcast on Community Radio Station by Bhavna Chauhan (Minimum 10 percent students' listenership)	14/11/2018	14/11/2018	206	173
Radio Broadcast by an expert: (Repeat Broadcast) Nutrition during Adulthood with special reference to Women's Nutrition by Ms. Tanvi Makwana (Minimum 10 percent students' listenership)	19/11/2018	19/11/2018	206	173
Radio Broadcast by an expert: (Repeat Broadcast) Nutrition during Adulthood with special reference to Women's Nutrition by Ms. Tanvi	21/12/2018	21/12/2018	206	173

Makwana (Minimum 10 percent students' listenership)				
Radio Broadcast by an expert: Problems pertaining to Menstrual Health by Dr. Kavita Merchant (Minimum 10 percent students' listenership)	06/02/2019	06/02/2019	206	173
Radio Broadcast by an expert: (Repeat Broadcast) Problems pertaining to Menstrual Health by Dr. Kavita Merchant (Minimum 10 percent students' listenership)	27/02/2019	27/02/2019	206	173
Radio Broadcast by an expert: Awarenss genration programme on "Dowry Prohibition Act, 1961 by Mr. Chetan Sojitra (Minimum 10 percent students' listenership)	08/03/2019	08/03/2019	206	173
Radio Broadcast by an expert: "Gynecology issues" Broadcast on Community Radio Station by Dr. Rama Shrivastava (Minimum 10	03/04/2019	03/04/2019	206	173

percent students' listenership)				
Radio Broadcast by an expert: (Repeat Broacast)"Pre pregnancy, during pregnancy & post-preganancy care" Broadcast on Community Radio Station by Dr. Kavita Merchant (Minimum 10 percent students' listenership)	10/04/2019	10/04/2019	206	173
Radio Broadcast by an expert: Problems pertaining to Menstrual Health by Dr. Rupal Patel (Minimum 10 percent students' listenership)	01/05/2019	01/05/2019	206	173
Women Empowerment talk by Dr. Seema Joshi	24/08/2018	24/08/2018	30	50
LGBTQ Issues and Concerns: Rights of Third Gender - A talk delivered by Mr. Manavendrasinh Gohil	20/09/2018	20/09/2018	250	150
Workshop on Women Empowerment in collaboration with Water and Sanitation Management Organisation	29/07/2018	29/07/2018	76	80
Menstrual Health & Hygiene Program awareness in 14	08/02/2019	28/02/2019	76	80

villages of Anand				
Awareness programme about Domestic Violence Act in 14 villages of Anand	08/02/2019	28/02/2019	76	80
Self Defence Program - conducted in University Girls' hostel	09/08/2019	24/08/2019	37	Nill
Self Defence Program - conducted in Humanities Building	05/09/2018	07/09/2018	14	Nill
A Programme to develop Computer literacy among the female students	05/09/2018	17/09/2018	23	Nill
National level Workshop on Self Defense	20/09/2018	20/09/2018	399	Nill
Personality Development Program: Izhar	21/10/2018	21/10/2018	61	Nill
Organised Competitions by keeping "Women and Nature Relationship" in Center	01/08/2018	03/08/2018	30	Nill
Natyotsav on the theme "The White Saree" during Zonal Youth Festival (West Zone)	01/12/2018	07/12/2018	Nill	Nill
Awarness Program by Anand Police	11/01/2019	11/01/2019	Nill	Nill
A Lecture on the theme "Women involvement in financial power"	10/01/2019	10/01/2019	399	Nill
A Radio Talk On Women	20/01/2019	20/01/2019	399	Nill

Empowerment In U.S.A				
A Skit on "Importance of Nutrition" at Anganwadi, Bakrol	15/01/2019	15/01/2019	23	Nill
A demonstration on low cost nutritious receipes to Anganwadi Training Center	19/01/2019	19/01/2019	30	Nill
Radio Broadcast by an expert: "Health issues in Adolescent girls" Broadcast on Community Radio Station by Nipa Modi (Minimum 10 percent students' listenership)	29/05/2018	29/05/2018	206	173
Radio Broadcast by an expert: Nutrition during Adulthood with special reference to Women's Nutrition by Ms. Tanvi Makwana (Minimum 10 percent students' listenership)	10/09/2018	10/09/2018	206	173
Radio Broadcast by an expert: "Importance of Nutrition during Adolescence and Adulthood" roadcast on Community Radio Station by Bhavna Chauhan (Minimum 10	26/09/2018	26/09/2018	206	173

percent students' listenership)				
Radio Broadcast : (Repeat Broadcast) "Understanding the Adolescent and Adulthood phases of life span" Broadcast on Community Radio Station by Dr. Sharda Joshi (Minimum 10 percent students' listenership)	03/10/2018	03/10/2018	206	173

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
(i) 1 Dual Axis Solar Tracker – 1.5 KW with Battery Backup (12V,100 Ah, 8 Nos.) 9.6 KWH has been installed at the Physics and 2 at MBA Departments. (ii). Dual Axis Solar Tracker on Grid of 1.5 KW at Gyanodaya and 3KW at Agro Economic Research Centre respectively. (ii) CNG pipeline installation initiated with the help of RUSA grant for CISST Department. (iii) Wind Solar Hybrid System(100W Nano and 75W Solar Panel) with Battery Backup (12V,150 Ah, 1 Nos.) 1.8 KWH is installed at Community Science Centre. (iv) The University makes the maximum use of the Solid-Liquid Resource Management (SLRM) system of Vallabh Vidyanagar Nagar Palika Board to manage the waste generated in the Departments, Hostel Campuses as well as in the University staff colony. A Waste Management Policy has been evolved and documented for the disposal of different kinds of wastes like biological, chemical and e-waste. (v) In addition to this, Tree Plantation/Nurturing Programmes are undertaken at various Departments. (vi) Awareness programmes and lectures for Water Saving are conducted and delivered at various Departments and Community Radio Station. (vii) Conventional fluorescent tube lights in the Departments are being replaced progressively by LED lamps. (ix) CSC arranges on regular basis talks and celebrations to highlight environmental consciousness among the students and teaching community. Few examples are World Water Day, Earth Day, World Environment Day.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Any other similar facility	Yes	8
Provision for lift	Yes	6
Ramp/Rails	Yes	6

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages	Number of initiatives taken to engage with and	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff

	and disadvantages	contribute to local community					
2018	1	1	17/09/2018	1	Vocational Training Programme - A bakery training in Ravipura Village	Employment enhancement for Youth	14
2019	1	1	18/01/2019	4	The Placement Empowerment Programme	Youth Empowerment	50
2019	1	1	06/02/2019	22	Eye Check up camps at 14 villages of Anand Dist.	Health care of the villagers	50
2019	1	14	06/02/2019	22	Physiotherapy Camps in 14 Villages of Anand Dist.	Physical Well-being of the community	53
2019	1	14	24/01/2019	45	A leadership Enrichment for Adolecents through assessment and Development in 14 Villages of Anand Dist.	Child Development	56

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct for the Paper Setters, Examiners, Examinees	16/06/2018	The rules to be followed are printed widely in the answer books and on the backside of the hall ticket. If any violation is noticed

			during the examination which is covered under CC Tv footage and close scrutiny of junior and senior supervisor, the complaints received along with the evidence are forwarded to the unfair means committee chaired by the Honble Vice-Chancellor. The type of unfair means is well defined along with the punishment. The unfair means committee examines the facts placed before it and comes to a conclusion on the veracity of the complaint. Accordingly, the punishments are given and sent to the syndicate for approval and implementation. Due punishment is inflicted on the students found guilty of using unfair means.
Ordinance related to Examinations	16/06/2018		Details are provided regarding the alterations of dates of examinations, exemptions, the conduct of examinations, the time limit for passing examinations etc. and the same is strictly adhered to.
Examination rules and guidelies	16/06/2018		Rules pertaining to examination are mentioned in the Hall ticket and Answebook. Data of unfair practices such as committees, MoM are maintained and updated regularly. The list of students guilty of unfair practice during exams being regularly uploaded to the website.
Code of Conduct for Research / Plegiarism Guidelines	16/06/2018		The university strictly follows the guidelines provided by the UGC to promote qualitative research. University has purchased URKUND software for plagiarism check. regular updation to the

			students about the plagiarism percentage. All the submitted thesis are scanned for plagiarism. The cases in which the percentage of plagiarism found to be more than the admissible limit are referred to the DRAC of the concerned subject. The DRAC in consultation with the student and the guide counsels them to reframe the plagiarised content and the same is rescanned. The thesis within the permissible limit is processed further. In the year 2018-19, almost 606 documents were scanned through URKUND.
Rules for Students Staying in University Hostels and Role of Warden/Superintendent/Rector	16/06/2018	The code of conduct for the girls and boys taking admission in the hostels is shared with them along with the forms and all the care is taken that the students follow them. No violation of such conduct was reported for the year 2018-19.
Statutory Provisions (Appointment, Confirmation, Termination, Promotion, Workload etc) for Teaching and Non-Teaching Staff	16/06/2018	There is a statutory provision for the code of conduct for the Teaching and Non-Teaching Staff. At the time of appointment of a new employee all the rules and conditions are mentioned in the appointment letter. Employeess consent in this regard is one of the Joining formalities.
Ordinance related to Service and Leave Rules	16/06/2018	Salary rise and other rules are being followed as per the Government rules and amnedments introduced from time to time. In addition to this, this section also details the conditions of service, leave rules, qualification for appointment of teachers

		in the PG Depts of the University and conduct and discipline of non-teaching employess.
Provisons regarding Provident Fund, Gratuity Fund and Pension Scheme	16/06/2018	A detailed information is provided related to the admission to the fund, contribution to the fund, deduction from the fund, payment from the fund, loans to subscribers, declaration and withdrawal.
Rules for Admission in PG Programmes	16/06/2018	The university follows the norms of government with respect to eligibility criteria and reservation during the admission process. All the details are published in the university brochure and also uploaded and updated on the university website. Migration Certificate, minimum marks for admission and other such eligibility details for the admission have also been uploaded on the website for the ease of accessibility to the candidates
Rules for PhD and M.Phill Programmes	16/06/2018	The updated rules related to M.Phill and Ph.D and related amendments received from the UGC are uploded on the website.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Teachers day celebration	05/09/2018	05/09/2018	390
Guru Purnima	27/07/2018	27/07/2018	94
Teacher's day	09/05/2018	09/05/2018	94
Hindi Divas	14/09/2018	14/09/2018	94
Gandhi Jayanti Svachchhata Abhiyan	01/10/2018	01/10/2018	94
View File			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

   1.Development of a Green Belt in a newly established remote campus of the Biosciences Department. What was a barren land in 2006 during the inception of

the Department in the new campus, was converted to a lush green belt, rich in Biodiversity by the efforts of the Faculty and Students. In the last decade, the department has developed a forest like a green campus with extraordinary biodiversity: more than 200 trees consisting of more than 80 trees species number of flowering non-flowering herbs, shrubs, more than 100 insect species including 75 recorded butterfly species, 65 spider species. The avian diversity as recorded on the dept. amounts to 75 species in the last five years. Specific programmes efforts in the conservation of birds, insects, snakes and plants have been carried out on regular bords. 2. Not merely Tree plantation but Tree Nurturing activities are taken up on the campus. 3. A Eucalyptus Park has been created in one of the plots of the University. 4. Encouraging the paperless processes through e-communication for academic and administrative activities - mainly declaration of Result, making an online announcement of the exam timetable, online availability of mark sheets and sending SMS to students for answer books observation are some of the activities. 5. Encouraging the reuse of stationary (covers, files, folders, using backside for printing etc) for inter-departmental communication. 6. Encouraging celebrations (World Sparrow Day, Ozon Day, Earth Day, Forest Trail etc) to raise awareness and consciousness about values, traditions and heritage. 7. The Departmental buildings are declared as a Tobacco-free zone to reduce carbon emission to the environment and to generate health awareness. 8. Swachchhata Abhiyaan has been a regular feature and minimizing the use of plastic is an important message given to all the stakeholders. 9. The students are encouraged to keep enough water pots hanging to make birds drink from. Students and Faculty contribute to donating/volunteering for the Vidyanagar Nature Club.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Single Window System for Transparent Observation and/or Reassessment Process after Declaration of Examination Results 2. Arranging Annual Convocation Day to Commemorate the Death Anniversary of Shri Sardar Vallabhbhai Patel

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://spuvvn.edu/iqac/Best%20Practices%202018-19.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The University lays equal emphasis on teaching, research, extension and service-related activities for the overall and holistic growth of the students, the Extension and service activities are conducted throughout the year by independently working units such as Community Radio Station, Community Science Centre, University Museum, University Health Centre and Sanskar Mandal. The Community Radio Station trains and design programmes by the students, for the students and of the students by regularly broadcasting Radio Channel FM 90.4MHz. The programmes are of two types, one is University student-related information and the second taps the talent of students in making programmes on academic, social-cultural aspects. Talks by the specialists are arranged to address the concerns of stress and health-related issues. A district-level Community Science Centre is hosted on the campus under the sponsorship of the Gujarat Council on Science and Technology (GUJCOST), Gandhinagar. The main underlined objective of the Centre is to take the Science to the People and attract People to Science. Therefore several programmes formal and informal, in the form of Talks, Summer Camps, Hands-on Training, Demonstration of Scientific Principles, Workshops, Film Shows, Field Visits, Interactive Sessions etc. are

organized. The students, especially school children are being reminded of important scientific discoveries, inventions and contribution of reputed scientists by celebrating Days of National and International significance. The students are encouraged through awarding prizes for their performance in competitions. The children are encouraged to take Science as their interest subject and take up small research themes to participate in District State/National level competitions of the Children's Science Congress. The University has a Museum of its own that preserves historical and cultural heritage and the cultural legacy of Gujarat and India. It promotes awareness among the citizens and especially young students through awareness/ orientation/exhibition/competition programmes. The University promotes social-cultural activities for the University employees and their families through a Sanskar Mandal, an organization run by the University Staff. The Mandal runs an Inhouse Nursery (Balwadi) for the children of University employees and other citizens. Sanskar Balwadi also organizes competitions such as Fancy Dress, Hair Style, Mehndi, and Garba Competition at Taluka and District Levels. It provides nutritious food to children and has swings and slides for the amusement of the children on its large compound. It has fine equipment for the development of various skills.

Provide the weblink of the institution
http://spuvvn.edu/iqac/Distinctiveness/Sardar%20Patel%20University%20Distinctiveness-2018-19.pdf

8.Future Plans of Actions for Next Academic Year

To introduce skill-based and employability enhancing short term courses as add-on courses for the students already pursuing their bachelors or masters degree programmes. To explore the possibility of the participation of industry or public sector undertaking units in formulating and submitting proposals for Bachelors in Vocational (B.Voc.) programmes in 'Advance Mobile Technology', 'Pharmaceutical Chemistry' and 'Dairy Products and Processing' etc. To make efforts to make the processes of admission, administration and examination system, totally online. To work in the direction towards creating a centre of Excellence in specialized areas of research under RUSA, State Govt. and UGC programmes to create world-class research infrastructure for impactful research. To conduct Faculty Development Programmes for establishing a multidisciplinary approach and inspire researchers to initiate and formulate research proposals for quality and applied research.. To have MOUs with the alumni of our University settled abroad for joint research work and exchange of faculty members.