



# **SELF STUDY REPORT**

**FOR**

**4<sup>th</sup> CYCLE OF ACCREDITATION**

**SARDAR PATEL UNIVERSITY**

UNIVERSITY ROAD NR. SHAHID CHOWK

388120

spuvvn.edu

Submitted To

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**July 2022**

# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION



The University emblem has the historic mango tree where the founders of this seat of learning, Shri Bhailalbhai Patel (Bhaikaka) and Shri Bhikhabhai Patel, initiated their visionary project of this educational township. The rising sun behind the tree in the emblem represents the dispersion of light of learning by this institution dedicated to the Gandhian principles of rural upliftment. The Sanskrit motto decorating the lower crest of this emblem reads: शीलवृत्तफलं श्रुतं that is, 'character and conduct are the fruits of learning'.

Sardar Patel University (SPU) was established by an Act of the Legislative Assembly of the then Bombay Province in October 1955 and is situated in Vallabh Vidyanagar, close to the Milk City of India (Anand). The University Campus - the main campus as well as 3 satellite campuses – are situated in the heart of a rural country side against a lush green pollution-free backdrop. SPU comprises of 27 Postgraduate departments, one constituent college, and 116 affiliated colleges. The academic programmes include UG, PG, PGD and PhD. The programmes are offered under semester system in CBCS mode. The curricular aspects are framed keeping in view the needs of the students, the society and the employing agencies.

The university has acted proactively to save the stress and loss of semester/year to the students by taking several COVID-19 measures: planned and conducted university external examination online as well as off line. The teaching also has been continued in hybrid mode. Earn While Learn is in operation.

The university has also created its own RT-PCR testing facility in the campus and is helping the district administration in sharing testing load. The University has also brought out a booklet containing articles on various themes related to COVID-19 measures and precautions. The university also extended financial assistance to its staff who were hospitalized due to high virulent infection. The science departments have designed and developed sanitizer dispensers and sanitizer as per the WHO Guidelines. Community Science Centre and Community Radio Station of the university arranged several awareness programmes and radio talks pertaining to Covid-19.

### Vision

Sardar Patel University envisages blossoming of human potential through:

- Nurturing of talent, skill, and scientific temper
- Creation of knowledge

- Incubation of wisdom
- Sustenance of blithesome spirit

## **Mission**

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

## **1.2 Strength, Weakness, Opportunity and Challenges(SWOC)**

### **Institutional Strength**

- Conducive and friendly ecosystem for teaching, learning and research
- Well-qualified and experienced faculty
- Well furnished, equipped laboratories, ICT enabled class rooms and rich library resources
- Student-friendly administration and processes
- Strike and stress free campus
- Rurban and green campuses

### **Institutional Weakness**

- Vacant administrative and faculty position
- Low consultancy rate department-wise
- Less number of students from outside the state
- Less number NET cleared students registering for Ph.D. and Post-Doctoral research

### **Institutional Opportunity**

- Potential for active involvement of industries in academic and research programmes
- More MOUs with industries and other universities/Institutes in the country and abroad
- Can evolve into a nodal center of learning and research for excellence in the state
- Wide scope for amalgamation of traditional subjects into multi-disciplinary areas of teaching and research, in the light of NEP-2020
- Can attract more international students under NEP-2020

### **Institutional Challenge**

- Enhancing the share of extra mural funding for research from state as well as central government agencies and industries
- Coaching and motivating students to succeed in national level competitive examination including UGC-NET and retaining them
- Eliminating the mind block among faculty and other stake holders especially students to pursue teaching and research programmes in emerging and evolving areas of disciplines

- Motivating faculty for the revision of syllabus in tune with employability, skill-upgradation and value-addition as per NEP-2020
- Enriching Alumni network at university and International level and its active participation
- Implementing NEP-2020 *in toto*

## 1.3 CRITERIA WISE SUMMARY

### Curricular Aspects

Sardar Patel University comprises of 27 postgraduate departments and 01 constituent college offering 47 PG, 02 UG and 01 PhD programme covering a wide spectrum of traditional and interdisciplinary branches of knowledge. Professional programmes approved by AICTE, PCI and NCTE are also offered. The curricula of programmes offered are designed, developed and regularly revised in light of the recent advancements and the developmental needs at local, regional, national and global levels. Curricula systematically specify the learning outcomes (POs, PSOs, COs). These outcomes are well-publicized and explained to students in the induction programmes and are considered in tailoring teaching, learning and evaluation methods. Curricula of ~ 70% of the programmes have undergone major revision and, 5 new PG programmes and 15 value-added certificate and add-on courses are introduced during 2016-2021. Curriculum design and development processes put a special emphasis on the employability, skill development and entrepreneurship to fulfill the future professional and career needs of the students and the employers. The university pays special attention to integrate cross-cutting issues relevant to professional ethics, human values, gender, environment and sustainability in the curriculum. Field projects, internship and research projects are incorporated into the curriculum to impart experiential and skill-based learning and training to understand real life issues, problems and their solutions. To make the curriculum and its implementation more inclusive, feedback from the stakeholders is regularly collected and analysed to address the issues like design and review of curriculum, teaching, learning and evaluation.

### Teaching-learning and Evaluation

Sardar Patel University has always had a flawless teaching-learning-evaluation process. Admission process is transparent, and completely online. Throughout the last five years, all programs have experienced a high level of demand. Reservation policy is strictly adhered to as directed by the Government of Gujarat, and admission is merit-based. Our well-established monitoring system involves the course teachers, student councilors, and mentors whose role is to evaluate the students' performance and to identify the slow and advanced learners. Using student-centric teaching-learning approaches such as poster-presentation, group discussions, classroom presentations, conference presentations, quiz competitions, community involvement, educational tours, and group projects that follow the pattern of field visits and internship, we create a dynamic learning environment for the students. University filled most of the vacancies of faculty members. Our faculty members have many years of rich experience in teaching and research. Most of the faculty members are doctoral degree holders and hence guide and mentor students effectively in learning and research. The students are assessed through a fair, continuous, proportionate, persistent and end-term evaluation, which empowers successful execution of the remedial measures. For decades, university exams have always been conducted according to the pre-declared schedule, and results are announced promptly as well. Following this university's core values, POs, PSOs, and COs that reflect a performance-based approach are treated. Its active pedagogical methodologies are complemented by thorough evaluation processes. The university collects student feedback on teaching and learning in each term and its analysis is communicated to faculty members for improvement.

## **Research, Innovations and Extension**

Sardar Patel University encourages research and development through a well-defined policy. The University departments are well-equipped. Central facilities like central instrumentation centre, research/statistical databases, business lab, super computer etc also contribute to the needs of research. Eight of our departments are covered under special funding and Center of Potential for Excellence in Applied Polymers. More than 100 research projects with an outlay of 44.83 crores are executed. Eighteen seed projects were awarded from University's own fund. The University facilitates scholarship/fellowship to its research scholars through various state and central government schemes. The University has a overall h-index of 88 and 32 during the assessment period. More than 453 Ph.Ds were awarded. The University also has an active consultancy programme as per the established guidelines prepared by University Industry Interaction Cell. Many national agencies are involved in the consultancy. On campus SSIP provides an ecosystem for promotion and implementation of innovative and entrepreneurship ideas. The University also appreciated and rewarded the researchers through a total of 75 awards and citations in its annual convocation. Several workshops/seminars were conducted on Research Methodology, Intellectual Property Rights etc. Three patents were awarded during the assessment period. A total of 383 collaborative research activities were carried out during the assessment period. The University has a stated Code of Ethics for research and has a plagiarism policy as per the UGC guidelines. Some of the notable extension activities are carried out to beat the plastic pollution, disaster management, adult literacy, empowerment of girls and women etc.

## **Infrastructure and Learning Resources**

The university is replete with excellent physical facilities such as buildings to host departments ICT-enabled classrooms, staff chambers, seminar halls, research and computer laboratories, other support systems such as printing press, health center, university science instrument centers, Community Radio Station and Community Science Center and Museum. The amenities for comfortable stay such as girls, boys and NRI hostels, guest house and staff quarters are adequately made available. A multipurpose *Yugpurush Swami Vivekananda* National standard Indoor sports complex is in place. The University has swimming pool of Olympic standard. The university has the state of art gymnasium facility with modern equipment. Bhaikaka Library has five stacks filled with more than 2.6 lakhs of collections, which includes books, bound volumes of research journals, theses, reference and rare books. The students and faculties also access the library resources through OPAC. The repository of the resources are handled with the help of SOUL 2.0 library management software developed by INFLIBNET. The University has a campus wide Local Area Network with 1225 wired and 520 Wi-Fi nodes. The satellite campuses are connected to the university LAN using fiber-optics and radio link. Moreover, various departments/sections of the university have their own internal LANs to meet their requirements. The University has set procedures for judicious distribution and utilization of the available financial resources for the maintenance of physical, academic, research and support facilities. The equipment are covered under maintenance contract, upgraded wherever possible and some are replaced as per the availability of fund.

## **Student Support and Progression**

The university believes in a strong support and mentoring system to its students who come mainly from rural areas. During 2016-2020, university facilitated different types of scholarships to 7475 students. Different programmes are organized to impart soft skills, language and communication skills, life skills and awareness of

trends in technology. The general grievances of students are addressed both at departmental and university level. Special cells are created to address the issues related to SC/ST, women and also general category students. During 2016-2020, regarding student progression, 784 students passed in various competitive examinations, 899 students have been employed through placement initiatives and 696 postgraduate students have progressed to higher studies from the previous batch. As per University statute, five representatives of the registered graduates are elected faculty wise, such members are also eligible for Syndicate positions. There is also provision for one student representation, in each Board of Studies. Students also have representation in the Anti ragging Committee and Women Cell at each department. Students also have won awards/medals for their outstanding performances in activities. The University has organised 45 sports and cultural events for enhancing holistic development of individuals. The university has constituted its own alumni association named, "S. P. UNIVERSITY BHUTPURVA CHHATRAMANDAL". At International level, our alumni are also functioning in countries like the USA, UK etc. with their own associations. The University departments organize the alumni meet on the day of University Convocation.

### **Governance, Leadership and Management**

The university has a well thought out Vision, Mission, Goal and Motto for regeneration of rural Indian life emphasizing on academic, research and extension activities appropriately. It is striving hard to improve and enhance teaching-learning, research & development, a sound value system among students, promotion of use of technology, strategic planning of financial resources, planning and development of its human resources, community engagement programs, internationalization of education through well thought out *Perspective Plan* and planning for the future for implementing *Vision 2025* in accordance with NEP 2020.

The founder Vice-Chancellor Dr Bhailalbhai D Patel (popularly known as *Bhaikaka*), is in fact the architect of modern Vidyanagar township. The second Vice-Chancellor, Shree Babubhai Jashbhai Patel went on to become the chief-minister of the state later on. The Governance of University is highly participative and encourages democratic discussions and debates before any policy is made and executed. The teaching and non-teaching staff are provided with an opportunity of upskilling and reskilling in the form of financial support and duty leave to participate in training programs. We have a well-developed financial management system and the expenditure are monitored by internal auditing system. The university has devised its own resource mobilization in the form of self-financed courses, external courses and generous donations from philanthropists and our alumni. The Internal Quality Assurance Cell (IQAC) was established in 2000 at Sardar Patel University. IQAC is taking necessary measures for institutionalizing and internalizing quality consciousness among the stakeholders.

### **Institutional Values and Best Practices**

Envisioned for rural resurgence, since its inception, the university strives to build characters, promote equity and inculcate values very distinctively by integrating initiatives and activities in curricular and co-curricular activities. Gender equality is promoted through education and research through women-centric seminars, workshops, training sessions as well as competitions and radio programmes. The entire campus is under CCTV surveillance.

Having been recognized as the Green University with a platinum ranking, the university consciously nurtures an eco-friendly environment and biodiverse systems. Water harvesting facilities, roof-top solar power plants and wind-solar hybrid inverter system are in place. Different wastes are segregated and submitted to recycling

mechanism wherever possible. The e-waste is processed for reuse. In addition to other facilities, Kibo reading software is available for Divyang students. The student freeships and scholarships are provided from government, non-government agencies and from university's own fund. 'Earn While You Learn' scheme is in operation. The grievances are redressed through various committees formulated from time to time.

Contribution to rural resurgence is done by incorporating relevant topics in regular studies at the departments as well as research and awareness programmes by Agro-Economic Research Center (AERC). Various community outreach programmes are actively pursued by the Community Science Centre (sponsored by GUJCOST), the university's Community Radio Station (Radio Campus 90.4 FM). The university has successfully tackled Covid-19 impact through specific and strategic academic measures and has contributed to the community service by creating an RT-PCR facility in a very short span of time.

NAAC

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the University	
Name	SARDAR PATEL UNIVERSITY
Address	University Road Nr. Shahid Chowk
City	Vallabh Vidyanagar
State	Gujarat
Pin	388120
Website	<a href="http://spuvvn.edu">spuvvn.edu</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor(in-charge)	Niranjan P Patel	02692-226801	9825949753	02692-230309	iqac_central@spuvvn.edu
IQAC / CIQA coordinator	A. H. Hasmani	02692-226891	9879260235	02692-230009	ah_hasmani@spuvvn.edu

Nature of University	
Nature of University	State University

Type of University	
Type of University	Affiliating

Establishment Details	
Establishment Date of the University	31-10-1955
Status Prior to Establishment,If applicable	



<b>Recognition Details</b>		
<b>Date of Recognition as a University by UGC or Any Other National Agency :</b>		
<b>Under Section</b>	<b>Date</b>	<b>View Document</b>
2f of UGC	09-10-1968	<a href="#">View Document</a>
12B of UGC	09-10-1968	<a href="#">View Document</a>

<b>University with Potential for Excellence</b>	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

<b>Location, Area and Activity of Campus</b>							
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>	<b>Programmes Offered</b>	<b>Date of Establishment</b>	<b>Date of Recognition by UGC/MHRD</b>
Main campus	University Road Nr. Shahid Chowk	Semi-urban	85.987	120202	UG, PG, PG Diploma, PhD		

## 2.2 ACADEMIC INFORMATION

### Affiliated Institutions to the University

Type of Colleges	Permanent	Temporary	Total
Education/Teachers Training	2	14	16
Business Administration/Commerce/Management/Finance	0	8	8
Commerce	4	8	12
Arts/Humanities/Social Sciences	6	8	14
Universal/Common to All Disciplines	14	1	15
Law	2	3	5
Engineering/Technology/Architecture/Design	0	3	3
Medicine & Surgery/Ayurveda/Unani/Homeopathy/Health & Allied Sciences/Paramedical/Sciences	1	21	22
Fine Arts/Performance Arts/Visual Arts/Applied Arts	1	0	1
Science	5	15	20

**Furnish the Details of Colleges of University**

Type Of Colleges	Numbers
Constituent Colleges	1
Affiliated Colleges	116
Colleges Under 2(f)	5
Colleges Under 2(f) and 12B	45
NAAC Accredited Colleges	21
Colleges with Potential for Excellence(UGC)	1
Autonomous Colleges	1
Colleges with Postgraduate Departments	41
Colleges with Research Departments	0
University Recognized Research Institutes/Centers	3

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)	: Yes
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SRA program	Document
AICTE	<a href="#">103735_7659_1_1652971052.pdf</a>
NCTE	<a href="#">103735_7659_4_1652697317.pdf</a>
PCI	<a href="#">103735_7659_6_1652971104.pdf</a>

### Details Of Teaching & Non-Teaching Staff Of University

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	30				81				115			
Recruited	8	2	0	10	34	7	0	41	63	31	0	94
Yet to Recruit	20				40				21			
On Contract	0	0	0	0	0	0	0	0	12	18	0	30

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned				344
Recruited	128	16	0	144
Yet to Recruit				200
On Contract	192	29	0	221

Technical Staff				
	Male	Female	Others	Total
Sanctioned				80
Recruited	39	10	0	49
Yet to Recruit				31
On Contract	27	5	0	32

## Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	8	2	0	34	7	0	57	29	0	137
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	6	2	0	8
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	6	5	0	11
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	6	13	0	19
UG	0	0	0	0	0	0	0	0	0	0

<b>Part Time Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

#### **Distinguished Academicians Appointed As**

	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Emeritus Professor	0	0	0	0
Adjunct Professor	1	0	0	1
Visiting Professor	0	0	0	0

#### **Chairs Instituted by the University**

<b>Sl.No</b>	<b>Name of the Department</b>	<b>Name of the Chair</b>	<b>Name of the Sponsor Organisation/Agency</b>
1	Sardar Patel University	Bhaikaka Adhyayan Ekam Prakalp	Government of Gujarat
2	Sardar Patel University	Shri Aurobindo Chair of Integral Studies	Shri Kantilal Dalal Mumbai
3	Sardar Patel University	Dr. Babasaheb Ambedkar Adhyayan Ekam Prakalp	Government of Gujarat
4	Department of Education	Pujya Shri Mota Chair Extension of Education Thinking	Hari Ohm Ashram Nadiad
5	Sardar Patel University	CVM Centre of Gandhian Studies	Charutar Vidya Mandal Vallabh Vidyanagar
6	Department of Business Management	Corporation Bank Chair in Management	Corporation Bank Vallabh Vidyanagar
7	Sardar Patel University	Sardar Patel Adhyayan Prakalp	Government Gujarat
8	Sardar Patel University	Devangbhai Ipcowala Chair of Charotar Studies	Shri Devangbhai Rameshbhai Patel
9	Department of Business Studies	Prof. Manubhai M Shah Chair	Mr. Anil Shah

**Provide the Following Details of Students Enrolled in the University During the Current Academic Year**

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	40	0	0	0	40
	Female	50	2	0	0	52
	Others	0	0	0	0	0
PG	Male	1572	70	0	4	1646
	Female	1697	69	0	1	1767
	Others	0	0	0	0	0
PG Diploma recognised by statutory authority including university	Male	25	1	0	0	26
	Female	12	0	0	0	12
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	39	0	0	0	39
	Female	36	0	0	0	36
	Others	0	0	0	0	0
Certificate / Awareness	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

<b>Does the University offer any Integrated Programmes?</b>	Yes
<b>Total Number of Integrated Programme</b>	7

Integrated Programme	From the State where university is located	From other States of India	NRI students	Foreign Students	Total
Male	0	0	0	0	0
Female	0	0	0	0	0
Others	0	0	0	0	0

### Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	01-06-2009
Number of UGC Orientation Programmes	18
Number of UGC Refresher Course	24
Number of University's own Programmes	13
Total Number of Programmes Conducted (last five years)	55

### Accreditation Details

Cycle Info	Accreditation	Grade	CGPA	Upload Peer Team Report
Cycle 1	Accreditation	Four Star	71.4	<a href="#">NAAC_Cycle1.pdf</a>
Cycle 2	Accreditation	B	2.83	<a href="#">NAAC_Cycle2.pdf</a>
Cycle 3	Accreditation	A	3.25	<a href="#">NAAC_Cycle3.pdf</a>

## 2.3 EVALUATIVE REPORT OF THE DEPARTMENTS



<b>Department Name</b>	<b>Upload Report</b>
Applied And Interdisciplinary Sciences	<a href="#">View Document</a>
Bio Sciences	<a href="#">View Document</a>
Business Management	<a href="#">View Document</a>
Business Studies	<a href="#">View Document</a>
Chemistry	<a href="#">View Document</a>
Communication And Media Studies	<a href="#">View Document</a>
Computer Science And Technology	<a href="#">View Document</a>
Economics	<a href="#">View Document</a>
Education	<a href="#">View Document</a>
Electronics	<a href="#">View Document</a>
English	<a href="#">View Document</a>
Gujarati	<a href="#">View Document</a>
Hindi	<a href="#">View Document</a>
History	<a href="#">View Document</a>
Home Science	<a href="#">View Document</a>
Law	<a href="#">View Document</a>
Library And Information Science	<a href="#">View Document</a>
Materials Science	<a href="#">View Document</a>
Mathematics	<a href="#">View Document</a>
Pharmaceutical Sciences	<a href="#">View Document</a>
Physics	<a href="#">View Document</a>
Political Science	<a href="#">View Document</a>
Psychology	<a href="#">View Document</a>
Sanskrit	<a href="#">View Document</a>
Social Work	<a href="#">View Document</a>
Sociology	<a href="#">View Document</a>
Statistics	<a href="#">View Document</a>

## Institutional preparedness for NEP

### 1. Multidisciplinary/interdisciplinary:

Sardar Patel University has been proactive in taking initiative for keeping pace with the recent developments in the fields of academics and research. Having realized the need for a multidisciplinary approach in academics and research, the university established Indukaka Ipcowala Center for Interdisciplinary Studies in Science and Technology (IICISST) (renamed as Department of Applied and Interdisciplinary Sciences) in the year 2015. It offers interdisciplinary PG programmes like Master of Science in Biomedical Science, Bioinformatics, Defense Science, Earth Science under DST-PURSE program. It also offers central sophisticated instrument facilities for research to all the departments of the university. Agro-Economic Research Centre (AERC), established by the Ministry of Agriculture, Govt. of India in 1961, at Sardar Patel University, performs interdisciplinary research to study the changes in rural economy as well as undertaking research on fundamental problems relating to the rural as well as agricultural economy of the country which helps to understand rural transformation, changes in socio-economic pattern, groundwater depletion and irrigation problems, soil degradation, agro-waste disposal/burning, deforestation, biodiversity loss, genetic engineering, pollutants, etc. which helps in proper policy formulations oriented towards rural regeneration as well as targeting sustainable development. To sensitize the stakeholders about the necessary efforts to be made for the effective implementation of NEP-2020, the University organized a series of seminars during the year 2020-21 on various aspects of NEP. From the academic year 2021-22, the university has started offering integrated Bachelors and Masters (IBM) programmes to students clearing class 12 exam in science and commerce streams. The programmes offered to the science students include applied chemistry, applied mathematics, applied physics, applied statistics, applied electronics, biomedical science. NEP implementation Cell is also established in March, 2022. To promote and facilitate multidisciplinary and interdisciplinary research among the faculties and the research scholars a Research and Development Cell is formed. Orientation programmes for the faculties and

	<p>members of the Board of Studies have been organized to acquaint them with the necessary steps in the direction of execution of NEP-2020. Now, the university is waiting for the uniform scheme for UG and PG programmes recommended by the state government for effective designing of the curricula and start new programmes from academic year 2023-24.</p>
<p>2. Academic bank of credits (ABC):</p>	<p>To promote flexibility of curriculum framework and interdisciplinary/ multidisciplinary academic mobility of students across HEIs in India, the university is taking measures to participate in the National Academic Credit Bank (NAC-BANK) to be set up the UGC. The university, with NAAC A grade (3.25 CGPA) from 2017 to 2021, is going for reaccreditation by NAAC for the 4th Cyle and aiming to improve its grade to be eligible to participate in NAC-BANK. The university is already registered in National Academic Depository (“NAD”) which is going to be linked to NAC-Bank. The University has accepted UGC guidelines for the multiple-entry and multiple-exit system in the integrated programmes as envisaged in NEP-2020. NEP cell of the university has organized meetings and workshops with the members of board of studies and the deans of faculties to orient them to revise the curriculum structure and content providing flexibility to the students for diverse learning and to facilitate multiple-entry and multiple-exit along with the credit transfer mechanism. The university already has a mechanism to disseminate the information of various MOOC courses offered on the SWAYAM platform for augmentation of skill and knowledge to increase employability. The MOOC courses are also allowed for earning credits by students.</p>
<p>3. Skill development:</p>	<p>Skill development has been an integral component of the curricula of the programmes offered at university. The outcome-based education system adopted by the university stipulates design and development of courses in an academic programme that clearly specifies the programme outcomes, programme specific outcomes and course outcomes. The curricular content also focuses on the aspects such as skill development and entrepreneurship. Skill development through experiential learning such as field visits, research projects, internship etc. is a part of the curricula of the programmes. The choice-based</p>

credit system (CBCS) adopted by the university since last decade provides ample choices of elective courses for acquiring the knowledge and skill necessary for specific career options. The CBCS system also incorporates foundation and soft-skill courses. Apart from the curricular studies, the university has also introduced several certificate courses focussing on skill development, for example, the certificate courses on Goods and Service Tax (GST), Radio Jockey, Financial Statistics, Biostatistics etc. and value-added courses such as life skill education. The university and its departments regularly organise workshops and seminars on research methodology and specific skill enhancement topics in basic as well as social sciences. Student participation in MOOCs through SWAYAM platform is encouraged. The student start-up and innovation programme (SSIP) at the university acts as an incubation center and exclusively focuses on encouraging the student entrepreneurship. In the course of implementation of NEP-2020, new skill-based courses will be incorporated in the curricula of the programmes and value-added courses based on the Indian knowledge system such as yoga, Indic philosophy, Vedic mathematics, Hindu studies etc. will be introduced.

4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):

The university has been integrating the Indian Knowledge System (IKS) within the curricula of different courses of various programmes. The curricula of the M. Ed., MA (Sanskrit) and other programmes have been revised during the academic year 2021-22 to incorporate topics based on IKS. The university has started offering certificate programmes in Life Skills Education. Certificate and foundation courses on Vedic Mathematics, Yoga, Bhagvad Gita, Indic philosophy etc. UGC-HRDC-SPU has planned different certificate courses like Stress Management, Health and Well-being and, workshops on Promotion of Indian Knowledge System, cultural values and Indian Education System in the academic calendar of 2022-23. In most of the departments, except in the science discipline, the teachers use bilingual mode for delivering lecture for effective teaching-learning process. The science departments also frequently use the regional language (Gujarati) to facilitate the students who have undergone their UG education in the local language. Efforts are also being made to

promote research in the field of IKS. Co-curricular and extra-curricular activities at the university and its departments integrate the Indian cultural values, traditional knowledge and practices such as Bhartiya Darshan, yoga, Ayurveda and medicine, folk arts etc.

5. Focus on Outcome based education (OBE):

Sardar Patel University offers undergraduate (UG), post-graduate (PG) PhD and PG Diploma programmes across Arts, Business Studies, Education, Home Science, Management, Law and Science faculties. All academic programmes are conducted under Credit-based Choice System (CBCS) and UGC Learning Outcomes based Curriculum Framework (LOCF) so that students get maximum flexibility in selecting the courses as envisaged in NEP 2020. These programmes, offered on the outcomes-based education (OBE), are designed keeping in mind the local, regional, national and global developmental needs. The curricular framework of all the programmes incorporates programme outcomes (POs), programme specific outcomes (PSOs) and course outcomes (COs). All courses are designed on the basis of the elements of Bloom's taxonomy that include cognitive abilities namely knowledge, comprehension, analysis, application etc. To keep the curricula of the programmes in tune with the national and international requirements of the industries, corporate, service and other sectors, experts from these sectors are invited to be members of the Board of Studies at the university. Implementation of the OBE at SPU being done in a phased manner. SPU website has published the syllabus of the various programmes along with POs, COs and assessment regulations, pertaining to each course. The programmes and outcomes are displayed in every department. The syllabus, the course outcomes and the credits allotted to each paper are communicated during the Orientation Programme of the first-year students. Each individual teacher apprises the students of the learning outcomes of the specific paper at the beginning and conclusion of the semester. The entire pedagogy is geared towards achieving the stated learning outcome of the paper. The students are made familiar with programme outcomes through workshops and, the teaching plan. The PSOs are closely related to the content of the syllabus. Teachers design lesson plans for all the

	<p>courses/subjects at the beginning of each semester to ensure that the pedagogy is in sync with the PSOs. The students are encouraged, guided to learn and imbibe the COs. The students are not only communicated the CO in the classroom, but also made to experience them through participation and organizing of co-curricular and extra-curricular activities. Every department plans and conducts all activities in light of the POs and COs. While setting the question paper, care is taken to ensure unit wise coverage as per weightage and specification of COs and Bloom Taxonomy levels. IQAC organizes training programs and workshops to further strengthen the OBE at the university.</p>
<p>6. Distance education/online education:</p>	<p>Online education had become imperative during the COVID-19 pandemic. Availability of a well-established, high-speed IT infrastructure throughout the university campus and ICT-enable classrooms at all the departments enabled a quick and smooth transition from off-line classroom teaching to the online teaching. Institutional G Suite (Google Workspace) subscription of the university, MS Teams subscription provided by Govt. of Gujarat and Zoom platform were used for online education. Video lectures were recorded and made available to the students to augment the learning in the absence of classroom teaching. University examinations were successfully conducted through online mode during the pandemic period. This highlights the readiness of the university to adopt the online mode of education wherever and whenever required. The university has a decent collection of e-learning resources available through INFLIBINET and SWAYAM platform. Teachers of the university has started contributing to the content development for the courses offered on SWAYAM. The university will establish a learning management system (LMS) in the coming years for facilitating online education. Faculties of the university will be encouraged to use the opensource LMS Moodle and Google classroom for online teaching. The university is in the process of setting up of a media recording facility, where the lectures by faculties, experts from industry shall be recorded and made available on a online platform.</p>

# Extended Profile

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## 1 Program

### 1.1

#### Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
45	47	46	44	45

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 1.2

#### Number of departments offering academic programmes

Response: 27

## 2 Students

### 2.1

#### Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
4054	3838	3781	3596	3743

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 2.2

#### Number of outgoing / final year students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1745	1748	1672	1596	1874

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

## 2.3

### Number of students appeared in the University examination year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
3594	3535	3427	3238	3437
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

## 2.4

### Number of revaluation applications year-wise during the last 5 years

2020-21	2019-20	2018-19	2017-18	2016-17
10	11	45	23	6

## 3 Teachers

### 3.1

#### Number of courses in all programs year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1261	1315	1265	1248	1236
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

### 3.2

#### Number of full time teachers year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
204	177	163	170	158
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

### 3.3



### Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
226	226	226	226	226
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

## 4 Institution

### 4.1

#### Number of eligible applications received for admissions to all the programs year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
11593	12210	13535	11840	5590
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

### 4.2

#### Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1707	1558	1604	1513	1564
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

### 4.3

#### Total number of classrooms and seminar halls

Response: 120

### 4.4

#### Total number of computers in the campus for academic purpose

Response: 817

## 4.5

### Total Expenditure excluding salary year-wise during last five years ( INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
1519.21	2077.25	1982.25	1739.05	1275.76

NAAC

## 4. Quality Indicator Framework(QIF)

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### Criterion 1 - Curricular Aspects

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#### 1.1 Curriculum Design and Development

**1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.**

**Response:**

Sardar Patel University (SPU) is among the few leading and oldest state-funded higher education institutions (HEI) in Gujarat. Evolution of SPU has coincided with the establishment of the state of Gujarat in 1960 and its journey to be a leading developed state of India with its nationally and globally important industries such as textile industry, chemical, drug and pharmaceutical industries, diamond industry, petroleum industries etc. In the last two decades, Gujarat has also become a prime center of automobile and heavy-engineering industries, food processing industry. Apart from serving the need of trained and skilled human resources for these industries, the university has continuously strived to create and nurture a pool of talented human resources required for the several spheres/domains of social and economic activities such as science, technology, engineering and industries, commerce, economics and management, arts and allied services, education etc.

To synchronize the curricular content and activities with the change in the social and economic activities due to the advances in the fields of science and technology, commerce, management, arts, education, the university has a robust statutory mechanism that includes the Board of Studies, Post Graduate Board and Academic Council. It regularly addresses the revision, augmentation and upgradation of existing curricula of the programmes as well as the introduction of new programmes. The university has also made keen efforts to adapt the nationally and internationally followed system of design and development of curricula where Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) are clearly specified. The curricular content is designed and implemented to meet the developmental needs at the local, regional, national and global levels. As per our analysis and judgment, the curricula of 94% of the courses being taught across all the disciplines at the university imparts knowledge and training that is essential for jobs and career, research and development at local to global level. 70% of the courses have relevance to the nationally important sectors like commerce, management, arts and languages, agriculture, education etc. 2% of the courses focus on nurturing and promoting the regional language, literature, art and culture. These courses also address important regional, social and economic issues. To keep pace with the changing educational scenario at rural to global levels, the university has always been proactive and at the forefront in introducing new programmes. For example, PG programmes in Industrial Biotechnology, Food Biotechnology, Bioinformatics, Biomedical Science, Nanoscience and Nanotechnology, Quality and Productivity Management, Defense Science, Earth Science etc. have been introduced in the last two decades to address the growing demand of interdisciplinary programmes at regional, national and global levels. More importantly, many of these programmes introduced were conceived and implemented with the aid of national agencies like UGC, DST, DBT etc. Professional programmes (MCA, MBA, MPharm) and their syllabi are in accordance with guidelines of SRAs like AICTE, PCI, NCTE.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

### 1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

**Response:** 73.33

#### 1.1.2.1 How many Programmes were revised out of total number of Programmes offered during the last five years

Response: 33

#### 1.1.2.2 Number of all Programmes offered by the institution during the last five years.

Response: 45

File Description	Document
Minutes of relevant Academic Council/BOS meeting	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Details of Programme syllabus revision in last 5 years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

**Response:** 93.42

#### 1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1180	1227	1191	1161	1150

File Description	Document
Programme/ Curriculum/ Syllabus of the courses	<a href="#">View Document</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

<p><b>1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.</b></p> <p><b>Response:</b> 30.99</p>	
<p>1.2.1.1 How many new courses were introduced within the last five years.</p> <p>Response: 392</p>	
<p>1.2.1.2 Number of courses offered by the institution across all programmes during the last five years.</p> <p>Response: 1265</p>	
File Description	Document
Minutes of relevant Academic Council/BOS meeting	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

<p><b>1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).</b></p> <p><b>Response:</b> 97.78</p>	
<p>1.2.2.1 Number of Programmes in which CBCS / Elective course system implemented.</p> <p>Response: 44</p>	
File Description	Document
Minutes of relevant Academic Council/BOS meetings	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 1.3 Curriculum Enrichment

### 1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum

#### Response:

Equitability, social justice, ethics and humanity are the pillars of a civilized society that thrives in harmony with nature and environment. Being the most important stakeholder, it is a prime responsibility of an HEI to address these issues through curricula of programmes and extension activities. It is a matter of pride for SPU that it was established with a noble mission of educating the rural populace. In the following discussion, we use representative courses to illustrate how the issues of professional ethics, gender, human values, environment and sustainability are addressed. A detailed list of all the courses focusing on these issues can be found in a separate file uploaded in this section.

Students are educated about professional ethics through the dedicated courses relevant to their prospective professional activities. For example, a course on Research Ethics and Scientific Writing, is offered to acquaint them with the types of plagiarism and tools for their detection. A course, Biosafety and intellectual properties rights educates them about the ethical conflicts in biomedical science, the importance of International Animal Ethics Committee and human ethical committee. It provides information about various biosafety issues and guidelines to be followed. A course on Occupational Practices sensitizes the students with the need for protection of intellectual properties and the knowledge about patent, copyright, and trademark. It also prepares the students about the control measures for hazardous chemicals and environmental pollution. A course on Working with Family, Child and Youth provides understanding of Family as a primary institution and its functions.

In the era of increasing active participation of women at all fronts in the country, the students in the historically patriarchal society need to be sensitized about the Gender issues – especially women’s issues – through curricular activities. A course, Gender and Society, enables the students to understand gender roles, theories of gender, feminism, gender issues in society and developmental policies and its impact on women. Courses like Women’s Issues, Gender, School and Society are also offered. Co-curricular and extra-curricular activities related to women safety, women empowerment etc. are also organized.

Several courses across different disciplines address the issues of human values. Few of them are: Community Development, Family Studies, Human Rights and Social Justice, Human Rights and Society, Community Nutrition, Care of the Elderly, Social Exclusion and Social Inclusion. Celebration of various nationally and internationally important days, like Independence Day, Teachers’ Day, Swachhata Diwas etc. deeply imbibe high life values into students’ psyche.

On the Environment and Sustainability front, SPU has a lot to claim apart from the curricular content. Several environment friendly practices of the university have earned it a platinum ranking in a recently held Green Audit by a UN approved agency. SPU has become the first such university of Gujarat. Few of the several courses that address the environmental issues are: Environmental Problems of India, Environmental Protections in India, Ecological Principles, Biosafety and Biomedical waste Management.

<b>File Description</b>	<b>Document</b>
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	<a href="#">View Document</a>

**1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.**

**Response: 15**

**1.3.2.1 How many new value-added courses are added within the last five years.**

Response: 15

<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>
Brochure or any other document relating to value added courses	<a href="#">View Document</a>

**1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.**

**Response: 1.49**

**1.3.3.1 Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
42	98	96	47	0

**1.3.4 Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).**

**Response: 14.75**

**1.3.4.1 Number of students undertaking field projects or research projects or internships.**

Response: 598

<b>File Description</b>	<b>Document</b>
List of Programmes and number of students undertaking field projects research projects/ / internships (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 1.4 Feedback System

<p><b>1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni</b></p> <p><b>Response:</b> B. Any 3 of the above</p>	
<b>File Description</b>	<b>Document</b>
URL for stakeholder feedback report	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

<p><b>1.4.2 Feedback processes of the institution may be classified as follows:</b></p> <p><b>Response:</b> A. Feedback collected, analysed and action taken and feedback available on website</p>	
<b>File Description</b>	<b>Document</b>
URL for feedback report	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>



## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Demand Ratio (Average of last five years)

**Response:** 5.43

##### 2.1.1.1 Number of seats available year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2097	2067	2046	1891	1956

#### File Description

#### Document

Demand Ratio (Average of Last five years) based on Data Template upload the document

[View Document](#)

• Any additional information

[View Document](#)

#### 2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the last five years (Excluding Supernumerary Seats)

**Response:** 53.97

##### 2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
954	868	891	754	827

#### File Description

#### Document

Average percentage of seats filled against seats reserved (Data Template)

[View Document](#)

Any additional information

[View Document](#)

### 2.2 Catering to Student Diversity

#### 2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

**Response:**

The departments of the university conduct orientation programme to make students to acquaint with the facilities and teachers and in the process the teachers also will have an idea of the background of individual students, in the beginning of the semester. After completion of first unit quiz would be conducted for each of the courses, the performance is assessed. Based on the result, teachers try to identify the students who could not cope up with subject content as well as language. We try and understand from students the difficulties they face. The departments have contact hours for each course on weekly basis. Teachers during this interact with students on personal basis and clarify the concepts of understanding. Ample opportunities for the students in the departments are available for seeking clarification on subjects taught during the practical sessions and also personal interaction with faculties during the office hours. Another wonderful opportunity for clarifying the doubts by the students is provided through students based seminar for each course on weekly basis. Each student comes with self preparation and attempt to explain the topic. Vital inputs are given to the students by advanced learners in the class and also by the teachers. In some of the departments special classes are conducted to increase the English language skills of the students. The advanced learners are also counselled to help slow learners on and off the campus.

File Description	Document
Upload Any additional information	<a href="#">View Document</a>

**2.2.2 Student - Full time teacher ratio (Data for the latest completed academic year)****Response:** 20:1

File Description	Document
Any additional information	<a href="#">View Document</a>

**2.3 Teaching- Learning Process****2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences****Response:**

Student centric methods are integral part of methodologies adopted by the faculty members for teaching learning process. Followings are the various approaches of student centric learning activities used by the teachers for holistic development of students in respect of teaching learning management.

**Experiential learning**

*Practical Exposure* – The courses of science stream are associated with performing experiments on individual basis for understanding the concepts. *Seminar Preparation* – Seminar component involves preparation by students (self-learning) on selected topic of the related course. *Presentation* – Seminars are prepared by the students and evaluated based on content presentation and communication skills. *Hands-on*

*training* is provided to the students through industrial exposure and field visits. Training sessions of sophisticated instruments are arranged for students of the department that facilitate to design and plan research project.

### **Participative Learning**

Transformation in higher education requires revamping of class room processes. Active learning methodologies are adopted in the curriculum. Participation of the students is encouraged in classroom activities such as *participatory discussions, questioning, quizzes, assignments and colloquia*. Students are also encouraged to undertake *field work* and participation in competitions such as *poster presentation, oral presentation, quizzes and research project competitions*. *Case studies and group discussions* are also designed by the teachers for assessment of group performance skills of an individual.

### **Problem solving methodologies**

One of the programme objectives is to develop *problem solving ability* of a student in real-life situations. The curriculum of the programmes includes problem-solving methodologies as per the contextual requirements. This improves the capability of students such as to observe, analyze, interpret, find solutions, validate and apply. Students are supported for *innovative projects* through mentoring, providing working space and financial support by University Student Start-up and Innovation program. *Dissertations and projects* are the part of curriculum in science and technology programs.

<b>File Description</b>	<b>Document</b>
Upload any additional information	<a href="#">View Document</a>

### **2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.**

#### **Response:**

Teachers of the University utilizes ICT tools to deliver education effectively. The classrooms are equipped with modern multimedia teaching tools such as LCD projector, projector screen, audio system and computer with internet connectivity. Students can view videos and lecture series using computer lab facility available in departments. Faculty members make use of e-resources including e-journals, CDs and online databases like UGC INFONET, INFLIBNET and Web of Science for development of e-content for classroom teaching. Several open-source application software like Linux, Apache, MySQL, PHP, OpenOffice, GIMP, SAGE, SCILAB, GCC and Java are also in use by the faculty members for designing of online instructional material. Students are encouraged to consult open educational resources such as NPTEL/Sakshat available on the Internet after their teachers have verified their authenticity. Faculty members provide references to printed books, the links of web tutorials, web resources, and e-books to the students as e-learning resources. Academic departments are equipped with adequate number of computers, printers, scanners, and photocopier equipments with the latest configuration, and all are networked via LAN and WAN. A good number of PCs, peripherals, and servers are available as well as several laptops and servers.

A full-fledged University computer center provides high-speed internet access, training, and maintenance of ICT equipment. A broadband line of 1 GB capable of handling large data volumes is installed in the university computer center. The computer center equipped with excellent academic computing facilities (SPSS, MATLAB) provides a wonderful teaching environment. The Computer Centre provides DNS, Web, Mail, Digital Database Services (ISID, JCCC, MathSciNet), e-journal, e-thesis (Shodhganga), e-patent, e-newspaper, e-video lecture (SWAYAM), e-magazine, Moodle Software, online tutorial and problem, e-book under the world public library, provided by INFLIBNET under the Shodhsindhu e-resources and access to the Faculties and Students of the University.

Access to Web of Science through the E-Shodhsindhu Consortium. The library uses SOUL 2.0 and DELNET to automate its operations. By using the website (www.spuvvn.edu), the Centre updates and publishes further information such as departmental information, course syllabi, timetables, admissions, results, appointments, seminars, workshops, conferences, and tenders for the University. Libraries arrange orientation sessions at the beginning of every academic year. Additionally, sensitization/awareness programs and practical training are arranged for optimal use of the INFLIBNET facilities. These resources are used effectively by students, researchers, and faculty in teaching, learning, and research.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Provide link for webpage describing the " LMS/ Academic management system"	<a href="#">View Document</a>

### 2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year )

**Response:** 20:1

#### 2.3.3.1 Number of mentors ?????????????? ???????

**Response:** 204

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	<a href="#">View Document</a>
mentor/mentee ratio	<a href="#">View Document</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

### 2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

**Response:** 77.17

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	<a href="#">View Document</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 2.4.2 Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit. year-wise during the last five years

**Response:** 86.16

##### 2.4.2.1 Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
162	146	147	151	142

File Description	Document
List of number of full time teachers with Ph D/D M/M Ch/D N B Superspeciality/DSc/D Lit and number of full time teachers for 5 years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

**Response:** 12.04

##### 2.4.3.1 Total experience of full-time teachers

Response: 2456

File Description	Document
List of Teachers including their PAN, designation, dept and experience details	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State,

**National, International level from Government/Govt. recognised bodies during the last five years**

**Response:** 1.15

**2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
2	0	0	0	0

<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of award letters (scanned or soft copy)	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

**2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years**

**Response:** 32.2

**2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
31	25	33	38	34

<b>File Description</b>	<b>Document</b>
List of Programmes and date of last semester and date of declaration of results	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years**

**Response:** 2.04

**2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
66	41	93	74	75

File Description	Document
Number of complaints and total number of students appeared year wise	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### **2.5.3 IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution**

#### **Response:**

Sardar Patel University attempts to integrate IT in the continuous internal and end-semester examination processes.

Following are the salient features of Examination Module developed under University Management System to make the examination process more transparent and efficient:

- Enrolment of students and filling up of examination forms are carried out in examination module.
- Each student can access the portal via logging in with User ID and Password. Student can see profile, hall ticket, mark-sheet, result history (current and previous), and degree certificate in student account in examination module.
- Marks of continuous internal assessment are entered directly in the module by authorized person from the PG departments and affiliated colleges.
- Hall-tickets are generated through examination module.
- Allocation of centres and examination related details required for University Press are generated in examination module for Press Supervisor.
- Processing of results, generation of mark-sheets, and printing of degree certificate are integral components of examination module.

Other steps for IT integration in examination are as followings:

- Schedules of examination are displayed on University website.
- Use of Bar-coded stickers for maintaining secrecy and entry of marks to the corresponding examinee.
- Marks are permanently stored in the Examination module that can be verified any time.

During the pandemic situation, usage of IT has been exponentially increased in evaluation process.

- Faculty members have adopted accessible online platform such as Google Meet, MS Teams and Zoom as well as open source software such as Socrative for conducting quizzes, seminar, viva for

internal and end-semester examination.

- Ph. D viva-voce were conducted centrally in online mode.
- Some of the semester-end examination where student strength is more have been conducted through MCQ-based online examination by involving competent agencies.
- Department of Computer Science and Technology designed online examination platform for their students.

### Examination Reforms

- The University has made several reforms in examination procedures and processes with integration of IT such as online registration of students and hall-ticket generation.
- Students who could not cleared any subject in end semester examination can appear for exams-on-demand (EoD) examination.
- Processing of results and determination of gold medallists are carried out through examination module to avoid any manual error.
- Uploading of degree certificates on National Academic Depository (NAD)
- Expansion of Central Examination Hall (Gyanodaya) to accomodate more students in conducting the End-Semester Examination.

File Description	Document
Year wise number of applications, students and reevaluation cases	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

### 2.5.4 Status of automation of Examination division along with approved Examination Manual

**Response:** Only student registration, Hall ticket issue & Result Processing

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	<a href="#">View Document</a>
Current Manual of examination automation system	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Annual reports of examination including the present status of automation	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

**2.6.1 The institution has stated learning outcomes (generic and programme specific)/graduate**



**attributes which are integrated into the assessment process and widely publicized through the website and other documents**

**Response:**

The purpose of university education is to provide holistic knowledge of a particular program opted by a student. The university designs the curricula accordingly and the same is reflected in the course and programme outcomes.

The courses under the various programmes in the university are designed by the members of the programme or individually after the deliberations with the experts from other universities. Brainstorming sessions are held at department level and later at university level to ensure effective course and programme outcome.

Each course has specified number of units for which teaching hours and weightage are well defined. Enough care is taken to establish a professional orientation of the courses. The course outcomes of each course is well defined and incorporated into semesters sequentially in a way that the students will find it easy to cope up with the course easily and also lead to proper programme outcomes. If the course is shared by two teachers than the teachers arrange the lectures in way by which students will not face any hurdle in the sequential delivery of content. In many programmes, the theory courses are supplemented by practical courses which include well-defined set of experiments to incorporate practical and analytical skills.

The orientation programmes are held at department level to brief the course and programme outcome to students and also are displayed on the university website.

The internal marks are shown to the students/ displayed on the notice board/shared on groups in the digital media. The attainment of course outcome is discussed with the students and the head of the department before submitting it to the university.

The teachers follow a well-defined continuous assessment system to judge the course outcomes. The continuous evaluation system includes internal examination for the theory and practical, seminars, quizzes and assignments for each course. Practical exams have a viva component.

The students who are identified as slow learners or those students finding difficulties in the medium of instruction or conceptual understanding are mentored appropriately to improve their performance.

The students who do not perform fairly well in the regular exams are allowed to attend second internal test to improve their internal marks after due counselling and solving the question. Therefore, the attainment of the PO/CO is judged by their performance, student's feedback and their placement record.

<b>File Description</b>	<b>Document</b>
Upload COs for all courses (exemplars from Glossary)	<a href="#">View Document</a>

**2.6.2 Attainment of Programme outcomes, Programme specific outcomes and course outcomes are**

## evaluated by the institution

### Response:

The university follows a well defined and functional continuous evaluation system through which the respective faculty members get a fair idea about the attainment of course outcomes and also programme outcomes. The students are provided with a weekly time table showing the time slots for seminars and contact hours besides regular theory and practical sessions. On weekly basis students give seminar on content taught in the week. A quiz is conducted at the completion of a unit in the course. Based on the performance of the student in the above the respective faculty member gets a fair idea about the misconception by the students and the same are clarified and discussed both in the regular class and contact hour sessions. Internal theory examinations conducted mid semester also another mechanism to judge the capacity and capabilities of the students in picking the defined outcome. Wherever required the faculty member solve the question paper and discuss in the class room. Thereafter the assessed papers are shown to students, thereby students can track where they went wrong. Problem-solving sessions are also common in some of the departments. The delivery of curricula in the subsequent semester is also fine tuned by faculty members based on his/her own judgment on overall performance of the class and also taking in to consideration question of slow and fast learners. The fast learning students are also asked to discuss the topics with the slow learners of the class in an informal manner.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

### 2.6.3 Pass Percentage of students(Data for the latest completed academic year)

**Response:** 93.74

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 1647

2.6.3.2 Total number of final year students who appeared for the examination conducted by the Institution.

Response: 1757

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Paste link for the annual report	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

**2.7.1 Online student satisfaction survey regarding teaching learning process**

**Response:** 3.51

<b>File Description</b>	<b>Document</b>
Upload database of all currently enrolled students	<a href="#">View Document</a>

NAAC

## Criterion 3 - Research, Innovations and Extension

### 3.1 Promotion of Research and Facilities

**3.1.1 The institution's Research facilities are frequently updated and there is a well defined policy for promotion of research which is uploaded on the institutional website and implemented**

**Response:**

The University's departments are well-equipped with research facilities which are maintained through AMCs or spare part replacement after the warranty period from time to time. Some of these facilities are replaced with new versions as per the availability of the grants. All labs are open to students conducting research so as to provide maximum exposure to laboratory testing. The University has a stated Code of Ethics for research. The policy document for effective implementation of research ethics is updated time to time by Departmental Research Advisory Committee. The Ph.D. students have to clear Research Methodology coursework within time and are also encouraged to participate in the various workshops and seminar deliberating information about ethics in research.

The University has a research promotion policy and the research ecosystem is guided by this policy.

The initiatives taken by the University to promote research include:

- Providing state of the art labs for faculty and research students
- Encouraging young faculty with seed grants
- Assisting formation of startups through its own incubator: Navadhara
- Supporting faculty for research that may include registration and/or travel to conferences to enhance exposure
- Providing collaborative opportunities
- Facilitating scholarships to PhD and PG students and weaker sections of the society

The University regularly conducts workshops/seminars on Research methodology and other research related topics. The institution has an established mechanism to reward teachers who receive state, national and international recognitions/awards. It has schemes like Dadabhai Navroji Prize and Innovation Indigenous Research Award under which the teachers are rewarded. The total number of awards / recognitions received for research/ innovations won by institution/teachers/research scholars/students year wise during the last five years was 75. Faculty members of various departments of university are actively engaged in the research and as part of it, in the last five years, a total of 453 students are awarded with Ph. D. degree who are guided by faculty members from different disciplines. The faculty members published 1086 papers in various nationally and internationally reputed journals.

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
URL of Policy document on promotion of research uploaded on website	<a href="#">View Document</a>

### 3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

**Response:** 2.84

#### 3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	2.59	11.6

File Description	Document
Minutes of the relevant bodies of the University	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View Document</a>

### 3.1.3 Percentage of teachers receiving national / international fellowship / financial support by various agencies for advanced studies / research during the last five years.

**Response:** 0.11

#### 3.1.3.1 The number of teachers who received national / international fellowship / financial support by various agencies for advanced studies / research year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	1	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of the award letters of the teachers	<a href="#">View Document</a>

### 3.1.4 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the last five years.

**Response:** 207

#### 3.1.4.1 The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
59	86	38	12	12

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.1.5 Institution has the following facilities to support research

1. Central Instrumentation Centre
2. Animal House/Green House
3. Museum
4. Media laboratory/Studios
5. Business Lab
6. Research/Statistical Databases
7. Mootcourt
8. Theatre
9. Art Gallery
10. Any other facility to support research

**Response:** A. 4 or more of the above

File Description	Document
Upload the list of facilities provided by the university and their year of establishment	<a href="#">View Document</a>
Paste link of videos and geotagged photographs	<a href="#">View Document</a>

**3.1.6 Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)**

**Response:** 25.93

**3.1.6.1 The Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other similar recognitions by national and international agencies.**

**Response:** 7

<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>
e-version of departmental recognition award letters	<a href="#">View Document</a>

**3.2 Resource Mobilization for Research**

**3.2.1 Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the last five years (INR in Lakhs).**

**Response:** 125.67

**3.2.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years (INR in Lakhs).**

2020-21	2019-20	2018-19	2017-18	2016-17
5	81.54	32.26	6.87	0

<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of the grant award letters for research projects sponsored by non-government	<a href="#">View Document</a>

**3.2.2 Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs).**

**Response:** 4682.98

**3.2.2.1 Total Grants for research projects sponsored by the government agencies year-wise during the last five years (INR in Lakhs).**

2020-21	2019-20	2018-19	2017-18	2016-17
945.72	615.44	861.47	637.11	1623.24

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of the grant award letters for research projects sponsored by government	<a href="#">View Document</a>

### 3.2.3 Number of research projects per teacher funded by government and non-government agencies during the last five years

**Response:** 3.22

#### 3.2.3.1 Number of research projects funded by government and non-government agencies during the last five years.

**Response:** 112

#### 3.2.3.2 Number of full time teachers worked in the institution year-wise during the last five years..

**Response:** 174

File Description	Document
Supporting document from Funding Agency	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 3.3 Innovation Ecosystem

### 3.3.1 Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge.

**Response:**

Sardar Patel University has established its own incubator: Navadhara. The term Navadhara is a combination of two words: nava, which means "new," and dhara, which means "constant flow of new ideas." Students' pristine ideas are nurtured in order for them to surge incessantly into startup and entrepreneurship. The incubator's tagline is "*Where Ideas Grow*". Students are taught to be job creators rather than job seekers. It provides an ecosystem for university students to promote innovation and entrepreneurship. The centre is in operation since May 2018 with two apparent mandates. The first mandate is to encourage and support students' new ideation projects, which will lead to prototypes and



proof-of-concepts. The second mandate is to protect the intellectual property rights (IPR) of new ideas, prototypes, designs, and so on. The university's current enrolled students, as well as the last five years' alumni, are financially and strategically supported for proposals and IPR.

Individual project funding is limited to a maximum of Rs 2,00,000/- (Rupee Two Lakh only) to work on an idea that leads to prototypes. All logistical support is provided, including mentorship, guidance, work-space, purchase, design, computer and accessories, and so on. The centre is operational in an environment with a built-up area of over 4200 square feet that houses a workshop, tinkering lab, fabrication lab, students lounge, working area, and other amenities. To date, the centre has approved 14 student proposals. Many of the proposals that were supported, progressed from the proof-of-concept to the prototype stage.

The next mandate is to register the intellectual property of the new ideas. For filing an IPR, financial assistance of up to Rs 25,000/- (Rupees Twenty-five Thousand Only) is provided. The logistical assistance ranges from prior art search to guidance and, finally, IPR expert support in filing.

A Section – 8 company, Sardar Patel Startup and Entrepreneurship Council (SP-SEC), has been established by the university with the long term goal of hand holding proficient proposals that can race to entrepreneurship and to support the incubator activities in furtherance of incubate leading to startup . The company will support incubated projects that have the potential to become startups. The university is in charge of the company's early seeding as well as its regular operational operations. In the future, it is hoped that the SP-SEC, in collaboration with the incubator Navadhara, will be able to nurture the needs of students in establishing newer entrepreneurs. The university's overall ecosystem endeavour will not only give wings to students' ideas, but will also help the region develop socioeconomically in the long run. This university effort aims to contribute to making our country an Atmanirbhar Bharat by advocating for Vocal for Local and Make in India endeavours.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

**3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years.**

**Response: 50**

**3.3.2.1 Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
14	13	9	6	8

File Description	Document
Report of the event	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**3.3.3 Number of awards / recognitions received for research/innovations by the institution / teachers / research scholars / students during the last five years.**

**Response:** 71

**3.3.3.1 Total number of awards / recognitions received for *research* / innovations won by institution / teachers / research scholars / students year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
7	15	28	12	9

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e- copies of award letters	<a href="#">View Document</a>

### 3.4 Research Publications and Awards

**3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee**

**Response:** A. All of the above

File Description	Document
Code of ethics for Research document, Research Advisory committee and ethics committee constitution and list of members on these committees, software used for Plagiarism check, link to Website	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.4.2 The institution provides incentives to teachers who receive state, national and international recognitions/awards 1. Commendation and monetary incentive at a University function 2. Commendation and medal at a University function 3. Certificate of honor 4. Announcement in the Newsletter / website**

**Response:** A.. All of the above

<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>
e- copies of the letters of awards	<a href="#">View Document</a>

### **3.4.3 Number of Patents published / awarded during the last five years.**

**Response:** 3

#### **3.4.3.1 Total number of Patents published / awarded year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	1	0	0

<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### **3.4.4 Number of Ph.D's awarded per teacher during the last five years.**

**Response:** 2.76

#### **3.4.4.1 How many Ph.D's are awarded within last five years.**

Response: 453

#### **3.4.4.2 Number of teachers recognized as guides during the last five years**

Response: 164

<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
URL to the research page on HEI web site	<a href="#">View Document</a>

### **3.4.5 Number of research papers per teachers in the Journals notified on UGC website during the last five years**

**Response: 6.23**

**3.4.5.1 Number of research papers in the Journals notified on UGC website during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
205	204	260	231	186

**File Description**

**Document**

Institutional data in prescribed format

[View Document](#)

**3.4.6 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years**

**Response: 2.27**

**3.4.6.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
148	124	69	45	10

**File Description**

**Document**

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

**3.4.7 E-content is developed by teachers :**

- 1. For e-PG-Pathshala**
- 2. For CEC (Under Graduate)**
- 3. For SWAYAM**
- 4. For other MOOCs platform**
- 5. Any other Government Initiatives**
- 6. For Institutional LMS**

**Response: D. Any 2 of the above**

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Give links or upload document of e-content developed	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.4.8 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

**Response:** 7.57

File Description	Document
Bibliometrics of the publications during the last five years	<a href="#">View Document</a>

### 3.4.9 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

**Response:** 31.5

File Description	Document
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View Document</a>

## 3.5 Consultancy

**3.5.1 Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy.**

**Response:**

The University encourages the faculty members for consultancy projects in the application-oriented areas of research to enhance the effective interaction between academia and industry. Apart from providing an avenue to the industries for exploring innovative R & D ideas, skill enhancement, an increase in employability and direct campus placement are the important student-specific goals of such projects. The projects can be sponsored by Industries/Corporate Sectors/NGOs/Educational trusts/Public trusts, etc. Some of the examples of consultancy projects are an estimation of crop area, production of research and development activities in tissue culture lab, a survey on solar farming, Drug quantification of drugs in blood, etc.

The faculty members of different departments collaborate for this purpose. The University has a policy for consultancy projects which includes sharing of revenues, resources, and facilities between faculty members and consultants. The PI reviews the progress of the project according to the milestones mentioned in the

proposal or as per the terms of the sponsoring agency and submits a copy of the progress report to the General section of the University as well as the University-Industry Interaction Cell (UIIC) in addition to the Sponsoring agency.

The UIIC facilitates faculty to come up with creative solutions to industry concerns. It encourages the conversion of research findings into adaptive technologies and delivery of faculty-developed cutting-edge technology through technology transfer and intellectual property support. The UIIC is headed by a senior faculty of the University at the Professor's cadre on an additional charge basis as decided by the Syndicate on the recommendation of the Vice-Chancellor. The UIIC Convener and IQAC Co-ordinator constitute a committee, with approval of the Vice-Chancellor, consisting of Professors/ Associate Professors/Assistant Professors of the university representing diverse academic and research expertise. The committee meets regularly to discuss policy issues and to generate new ideas and approaches for research and consultancies.

File Description	Document
Upload soft copy of the Consultancy Policy	<a href="#">View Document</a>
Upload minutes of the Governing Council/ Syndicate/Board of Management related to consultancy policy	<a href="#">View Document</a>
Paste URL of the consultancy policy document	<a href="#">View Document</a>

### 3.5.2 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

**Response:** 31.34

#### 3.5.2.1 Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

2020-21	2019-20	2018-19	2017-18	2016-17
3.86	17.12	7.1	3.25	0.01

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Audited statements of accounts indicating the revenue generated through consultancy	<a href="#">View Document</a>

## 3.6 Extension Activities

### 3.6.1 Extension activities in the neighbourhood community in terms of impact and sensitising

**students to social issues and holistic development during the last five years.**

**Response:**

The students of Sardar Patel University are dynamically participating in the extension activities such as Swachh Bharat Abhiyan, NSS camp and Community Science Center etc in the neighborhood community for the impact and sensitizing the students to social issues and holistic development.

The extension activity connects the university and community. The following are the objectives of these activities:

- To be acquainted with the working conditions and their interaction with the community
- Recognize the community's needs and problems and involve them in problem solving processes
- Instill a sense of social and civic responsibility in yourself

Sardar Patel University encourages faculty, staff and students to engage with the neighborhood community on a regular basis for holistic and long term community development through a variety of activities. Every year, SPU organizes various programs such as tree plantation, blood donation, health awareness, environment awareness, atrocities against women, save water awareness, save girl child , cancer awareness, anti-drug march, beat the plastic pollution, traffic awareness, disaster management, adult literacy and empowerment of girls and women activities in which students and faculty members voluntarily participate.

In addition, several programmes such as public talks, panel discussion, skits, and seminars were organized for school children and these programs are triblicized through various publicity channels, including social media.

Students are also encouraged to participate in government led initiatives like *Swachh Bharat Abhiyan* and *Beti Bachavo Beti Padhao* etc among others. As part of their course, students also participate in important extension activities such as field trips and internships. The university has seen a significant increase in these outreach activities, furthering its vision of excellence and social justice.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

**3.6.2 Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the last five years**

**Response: 4**

**3.6.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
4	0	0	0	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copy of the award letters	<a href="#">View Document</a>

### 3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

**Response:** 985

#### 3.6.3.1 Number of extension and outreach programs conducted by the institution those through NSS/NCC, Government and Government recognised bodies during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
521	236	107	82	39

File Description	Document
Reports of the event organized	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

**Response:** 14.74

#### 3.6.4.1 Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
364	734	457	969	245



File Description	Document
Report of the event	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.7 Collaboration

<p><b>3.7.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year</b></p> <p><b>Response: 76.6</b></p> <p><b>3.7.1.1 Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students year-wise during the last five years.</b></p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>137</td> <td>83</td> <td>42</td> <td>38</td> <td>83</td> </tr> </tbody> </table>					2020-21	2019-20	2018-19	2017-18	2016-17	137	83	42	38	83
2020-21	2019-20	2018-19	2017-18	2016-17										
137	83	42	38	83										
<b>File Description</b>		<b>Document</b>												
Institutional data in prescribed format		<a href="#">View Document</a>												
Copies of collaboration		<a href="#">View Document</a>												

<p><b>3.7.2 Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.</b></p> <p><b>Response: 5</b></p> <p><b>3.7.2.1 Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research year-wise during the last five years.</b></p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2</td> <td>1</td> <td>1</td> <td>0</td> </tr> </tbody> </table>					2020-21	2019-20	2018-19	2017-18	2016-17	1	2	1	1	0
2020-21	2019-20	2018-19	2017-18	2016-17										
1	2	1	1	0										

<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of the MoUs with institution/ industry	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

NAAC

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

**4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.**

**Response:**

- Sardar Patel University since its inception has grown into a modern seat of learning. The main as well as satellite campuses house different academic departments. Each department is built to be independent and self-sustaining entity. All the essential facilities needed for teacher - learning process are acquired, setup and upgraded in each department. The classrooms are ICT enabled, the space and numbers of classrooms are designed proportionate to the intake. Out of 27 departments, 4 departments have mid-sized central auditoriums and 6 departments have small sized auditorium cum seminar halls where the different interactive academic activities can be carried out. 18 of the departments have the branches of the main central library. This facilitates optimum use of the library resources by the students and faculty members.
- The Departments, wherever applicable are well equipped with the laboratories designed based on type and extent of practical sessions. The science laboratories are equipped with the basic amenities such as round the clock water supply electric supply and natural gas connection etc. Minor equipment are housed in the respective laboratories. Majority of the departments have dedicated research laboratories with twenty-four hours access to the research students.
- The departments in the main campus have access of internet through fiber optic cable network. The networking of the departments located in the satellite campus is being provided through radio link. By this way the faculty members and students are accessing hundreds of journals and e-books through INFLIBNET programme. The software like MATLAB, GAUSSIAN, Design Experts etc. are subscribed and used to improve the language, graphics and analytical skills.
- The university campus has a central sophisticated instruments facility such as Polarimeter (Roche), Triple quadrupole LC-MS(Shimadzu), Isothermal Titration calorimeter, Semiconductor Characterization system, ICP-OES, Spectrofluorophotometer and similar others. This facility also houses a super computer facility sponsored by GUJCOST, Gandhinagar which has software like mpiBLAST, NWChem, MOM and OpenFOAM etc. The high-end sophisticated instruments in the departments of Chemistry (Small/wide angle X-ray scattering, Computer cluster with Gaussian 16 software, Atomic Force Microscope, High sensitivity DSC, IPCE measurement system), Physics (Hall effect measurement system (Lakeshore), Imaging spectrometer (Horiba), Trinocular upright metallurgical microscope (Olympus), Single crystal X-ray diffractometer with CCD unit, Power X-ray diffractometer with JADE data processing system), Material Science (Scanning Electron Microscope, Tribometer, Plasma enhanced Chemical vapor depositor) and Bio- Science (Capillary DNA sequencer (Applied Bio systems)) are housed at respective department level central facility.
- The faculty members are using various platforms such as Google Meet, Microsoft Teams, Zoom etc. for the online teaching during the Pandemic Situation and also share teaching material online for the benefits of the students while learning from home situation. Along with these facilities, the university also has distance learning education center of IGNOU. The community radio station

offers a certificate programme in Radio Jokey.

- The University has one central auditorium in working condition and one more big multipurpose auditorium is to be soon inaugurated.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### **4.1.2 The institution has adequate facilities for cultural activities, yoga, games and sports (indoor & outdoor); (gymnasium, yoga centre, auditorium, etc.,)**

##### **Response:**

- The cultural activities at Sardar Patel University are organized at department as well as university level. These activities cover the broad disciplines of Theatre, Art, Music and Literary events on regular basis. The events cover One Act Play, Skit and Mime, Painting, Cartooning, Installation, Collage, Clay Modeling, Indian Group Song, Western Group Song, Western Vocal Solo, Light Vocal, Classical Dance, Folk Dance, Debate and Elocution Competition etc. The campus has adequate ambiance and physical infrastructure to host these events. The auditorium facilities shown in matrix in 4.1.1 are extensively used. Wherever and whenever required the spacious university lawns are utilized by erecting special Pandals. The well-furnished and equipped auditoriums host the indoor events.
- At University level, every year an Inter Collegiate Youth Festival is being organized with participants from departments and affiliated institutes (On an average 900 students participate on an annual basis).
- Two facilities of open lawns with permanent stage are extensively used for yoga training and practice sessions for the students and employees. One of the Women's hostels has dedicated hall for yoga sessions and hostel mates train and practice on daily basis under the supervision of one of the well trained senior student.
- Since the inception of Sardar Patel University, a separate Physical Education Unit is set up with a Director, Physical Education as its head along with administrative support staff.
- The University has a playground on 15 acres of land that includes multipurpose *Yugpurush Swami Vivekananda* Indoor sports complex. The following facilities are available at playground: Two Basket-Ball courts with floodlights, Volley-Ball Ground, Two Kabaddi Grounds, Two Kho - Kho Grounds, Hand-Ball Grounds, 400 Meters Athletic Track, Foot Ball Grounds, Cricket Ground and Tennis Court.
- Sardar Patel University organizes Inter-Collegiate tournaments every year for the games like, Cricket, Volleyball, Kabaddi, Kho-Kho, Badminton, Basketball, Table-Tennis, Tennis, Handball,

Chess, Football, Athletics, Cross Country, Judo, Air Rifle Shooting, Power Lifting, Boxing, Wrestling and Weightlifting. The University has modern central gymnasium alongside the Olympic size swimming pool. The gymnasium is equipped with facilities such as treadmill, abdominal crunch, chest press, leg press, commercial water rower, hexagonal dumbbell etc. Besides this central facility, a small similar gymnasium facility is in operation in one of the Women's Hostels.

- The University has recently established International Standard Sardar Patel Swimming Pool of 50 x 25 in meter size with a cost of Rs. 4.75 Crore. The swimming pool is used by the students from the campus & affiliated institutes and university employees. The members from the neighboring community are also using this amenity. Such facility and its use by neighbouring community is rare in a university system.

File Description	Document
Geotagged pictures	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### 4.1.3 Availability of general campus facilities and overall ambience

##### Response:

- The University campus is divided into main and satellite units to provide an effective ambience for curricular, extra-curricular and extension activities. Our campuses are lush green with highest tree plantation density and 149 Flora and 317 Fauna. The University has a total of 27 departments running in 17 academic buildings. All the classrooms in the departments are ICT enabled, with adequate facilities of separate washrooms and boys'/girls' common rooms. Parking facilities are spread across the campus. The main administrative building houses various administrative sections. Three separate conference rooms with multimedia facilities are used for official meetings and presentations.
- The reading room at university central library can accommodate 350 boys and 100 girls students. Two separate *Career Corner and Periodical Sections* with a seating capacity for 150 students are in place. Wi-Fi facility via 10 terminals is provided. Over 2.6 lakhs of collection of books and journals are refereed in five stacks.
- The University has 5 Men's hostels with a total capacity of 539 berths, 3 Women's hostels with a capacity of 488 berths and 16 Single Seated flat type Hostel where 16 research scholars can be accommodated. *Eklavya*, Government of Gujarat's, boys hostel with a capacity of 195 berths for ST students is operated from campus.
- Canteen facilities on campus (main as well as satellite) are available. Potable drinking water facility is provided in each and every department and office.
- Model Career Centre and University employment and Information Bureau facilitate the students for registering themselves for employment as well as job fairs etc. on regular basis.

- The University has a total of 333 residential quarters out of which 24 are added recently. The University has 5 different types of Guest Houses where 92 guests can be accommodated.
- The University Computer Centre maintains ICT facilities and manages ERP for students' life, admission and examination process besides training the employees.
- University Science and Instrumentation Center maintains and repairs Analytical and Laboratory Instruments, Computers, Printers and UPS. It also facilitates AMC for RO systems and other electric units.
- The University Press is a stand-alone unit and takes care of printing of all stationery, booklets, books, conference proceedings besides exam related material.
- The University Health Centre, headed by medical officer with supporting para medical staff. The health Centre is equipped with special laboratories and supported by visiting specialist doctors. The routine diagnostic tests are carried out in house.
- The Sardar Patel University Museum is a multi-disciplinary set up with a collection of rare South-East Asian Bronzes. It spreads cultural awareness in the region.
- The University has a state of art sports complex for indoor and outdoor games and a gymnasium. The university has also constructed Olympic sized swimming pool. A bank branche and E-Loby facility are available on campus.
- 90.4 FM Community Radio Station with a range of 8 km radial distance is on the campus.
- Community Science Center is active with a motto of taking science to people and bringing people to science.
- During the COVID19 the University has also established RT-PCR test facility for the community on and off the campus. Several buildings have solar panel tops to tap the energy, Gas/Diesel based generators for back up and rain water harvesting system for recharging are in place.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### 4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

**Response:** 38.8

##### 4.1.4.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
756.41	537.24	1519.70	502.19	163.57

File Description	Document
Upload audited utilization statements	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

### 4.2.1 Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

#### Response:

- The Central Bhaikaka Library is computerized. The Automation is carried out with the help of SOUL 2.0 library management software. With the help of SOUL 2.0 housekeeping activities like cataloguing, circulation, administration etc. are carried out. Along with this OPAC/Web OPAC offers variety of search facility to the user to know about library collection and its availability. User can get online bibliographic information about the Books, Journals, Theses and Dissertation, information about books issued on their name, due date details, etc. without physically visiting to the library. Bibliographical details of 2,62,941 documents are loaded into WEBOPAC
- Bhaikaka Library has signed MoU with INFLIBNET for digitization of Theses for Shodhganga Project. Library has uploaded 2947 theses up to 28th January, 2022 on Shodhganga website. Library has an access to e-journals and databases through INFLIBNET under the project of Shodhsindhu Consortia. Resource sharing facility is obtained through the membership of Delnet (Developing Library Network) and Shodhsindhu Consortia.
- The ICT has triggered the library to adopt the principle of "Library service to the user's Fingertips". Hence, Library Orientation Programme is organized every year for freshers. Library has Kibo scanner which is used by Divyang Students. Internet facility, Cyber café, Help centre and Institutional Repository (IR) are some of other features. Importantly, it also helps to generate plagiarism reports to researchers, guides and faculty members.
- Library stands for providing outstanding collection of literary resources, excellence in service, accessibility for the knowledge to promote Information Scholarship.
- The library is very proactive in the digitization of documents. Library has digitized our own collection of multi volume encyclopedic work in vernacular language i.e., Gujarati – “Gynagangotri Granth Shreni”. Along with that we have also digitized our scholarly journal Prajna and some manuscripts available at university museum. It is well-placed on the university website under the – “Institutional / Knowledge Repository”, which is accessible through intranet of SPU only.

- **Library link** : <https://www.spuvvn.edu/service-centres/central-library/>
- **OPAC link** : <https://www.spuvvn.edu/service-centres/central-library/web-opac/>

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

**4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources**

**Response:** A. Any 4 or more of the above

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)**

**Response:** 116.09

4.2.3.1 Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
66.24	83.35	103.17	230.19	97.48

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**4.2.4 Percentage per day usage of library by teachers and students ( foot falls and login data for online access) during the latest completed academic year**

**Response:** 7.59



#### 4.2.4.1 Number of teachers and students using library per day over last one year

Response: 323

File Description	Document
Details of library usage by teachers and students (Library accession register, online accession details to be provided as supporting documents)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 4.3 IT Infrastructure

#### 4.3.1 Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities. (Data for the latest completed academic year)

Response: 100

##### 4.3.1.1 Number of classrooms and seminar halls with ICT facilities

Response: 120

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

#### 4.3.2 Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

**Response:**

Sardar Patel University has a Comprehensive ICT Policy which is implemented across entire University System. ICT policy covers the crucial aspects of ICT infrastructure management like procurement, maintenance, right-off etc.

The university has a campus wide Local Area Network covering an area of approximately 3 kms and connecting 1225 wired and 520 Wi-Fi nodes. The satellite campuses of the university are connected to the university LAN using fiber-optics and radio link. Moreover, various departments/sections of the university have their own internal LANs also, to meet their own requirements.

Computers and peripherals are frequently purchased by different departments and sections of Sardar Patel University under different budgetary heads. It has been observed that the users are not aware of the technical specifications that would be appropriate for their use. Secondly, there is a need of expertise to scrutinize the vendors once the configuration is finalized. Hence, Hon. Vice-Chancellor has formed a Technical Committee of experts consisting of six members from various departments and sections of the university.

The Technical Committee of experts is responsible for:

- Deciding the configurations (Technical Specifications) of computers, Servers and peripherals as and when demand for purchase is received from various departments and sections
- Scrutinizing the specifications received from various vendors through GeM, e-tendering or quotations

As a part of the process of ICT infrastructure management, various departments/sections of the university are expected to prepare initial proposals based on department/section – level demands, and pass on to the UGC section of the university. The UGC section then provides the proposals to the technical expert committee for further review. This is how university updates its IT facilities with a specific procedure.

The University Computer Centre has established the campus-wide computer network using a fiber optic backbone having a capacity of 1GBPS. The University Computer Centre is responsible to:

- Assist in establishment and maintenance of Local Area Network in Departmental Laboratories/offices
- Assist in establishment and maintenance of network between the departments and the Computer Centre
- Assist in providing radio links to the satellite campuses of the University

For maintenance and establishment of networking, the concerned departments/sections have to write to the Registrar for approval. The Registrar forwards the application to The Director, Computer Centre. If the problem can be solved in-house then it is carried out by the internal staff.

The University computer centre provides Internet services to all the departments, administrative sections and hostels of the university. Internet services provided to the users vary from cabled to Wi-Fi. Secrite endpoint security antivirus is used to provide security to the entire network. The Centre maintains the infrastructure required for providing Internet services. Layer 3 manageable switch is used to manage the entire university-wide network. The bandwidth management is also the responsibility of the computer centre. It is managed using Sophos. The Internet service is provided by National Informatics Centre through BSNL.

<b>File Description</b>	<b>Document</b>
Upload any additional information	<a href="#">View Document</a>

#### **4.3.3 Student - Computer ratio (Data for the latest completed academic year)**

**Response:** 5:1

<b>File Description</b>	<b>Document</b>
Upload any additional information	<a href="#">View Document</a>
Student – computer ratio	<a href="#">View Document</a>

#### 4.3.4 Available bandwidth of internet connection in the Institution (Leased line)

**Response:** A. ?1 GBPS

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View Document</a>

#### 4.3.5 Institution has the following Facilities for e-content development

1. Media centre
2. Audio visual centre
3. Lecture Capturing System(LCS)
4. Mixing equipments and softwares for editing

**Response:** D. 1 of the above

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

### 4.4 Maintenance of Campus Infrastructure

#### 4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

**Response:** 14.27

##### 4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
212.71	201.73	148.45	223.33	348.51

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>

**4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.**

**Response:**

- The University has set procedures for the judicious distribution and utilization of the available financial resources for maintenance of physical, academic and support facilities like laboratory, library, sports complex, computers and class rooms. The University's estate section headed by University Engineer along with his team of engineers and other staff looks after the maintenance of various physical facilities mainly residential staff colony, academic buildings, hostels and administrative buildings. The estate section has been assigned the duty of quarters allotment to its permanent employee as well as students pursuing Ph.D. For the same, estate section invites applications through circulars and after stipulated time the allotment is done on the basis of rules and regulation framed by syndicate from time to time. For guest house allotment, the university has a prescribed form for the allotment and also has approved rates.
- The University has its own University Science and Instrumentation Center (USIC) for maintaining the laboratory equipment and electrical gadgets. In case if the cost of 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. 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 at the departments. Computers and peripherals are maintained by USIC centre.
- The University central library is headed by the librarian and a team of qualified technical staff. The library committee frames guidelines and policies for the purchase and maintenance of library resources. The library has its own prescribed rules and regulations regarding membership, borrowing of books and fine. The technical assistants of library, computer center and INFLIBNET carry out trouble shooting and maintenance of SOUL software.
- The Director of Physical Education takes care of the utilization of sports facilities by arranging the indoor and outdoor games. The University has developed a facility of Gymnasium and Swimming pool which is being taken care by a dedicated team. There is a set procedure to avail these facilities by the students, employees and community. The university has also constituted a sports committee that frames guide lines for the maintenance of the sports complex and other facilities.
- The computer center carries out the installation and maintenance of the software in all the departments and sections of the university. The computer center also maintains the networking and the internet facility in the entire university.

<b>File Description</b>	<b>Document</b>
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

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## Criterion 5 - Student Support and Progression

### 5.1 Student Support

**5.1.1 Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).**

**Response:** 39.22

**5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2020-21	2019-20	2018-19	2017-18	2016-17
1768	1442	1388	1208	1669

File Description	Document
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

**5.1.2 Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.**

**Response:** 26.79

**5.1.2.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
3408	295	525	126	928

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology**

**Response:** A. All of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**5.1.4 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases 1. Implementation of guidelines of statutory/regulatory bodies 2. Organisation wide awareness and undertakings on policies with zero tolerance 3. Mechanisms for submission of online/offline students' grievances 4. Timely redressal of the grievances through appropriate committees**

**Response:** A. All of the above

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View Document</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

## 5.2 Student Progression

**5.2.1 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)**

**Response:** 20.85

**5.2.1.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
45	241	239	179	90

**5.2.1.2 Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
195	1245	1213	975	379

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**5.2.2 Average percentage of placement of outgoing students during the last five years**

**Response: 5.61**

**5.2.2.1 Number of outgoing students placed year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
258	92	42	49	45

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Self attested list of students placed	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**5.2.3 Percentage of student progression to higher education (previous graduating batch).**

**Response: 39.89**

**5.2.3.1 Number of outgoing student progressing to higher education.**

Response: 696

File Description	Document
Upload supporting data for student/alumni	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>



## 5.3 Student Participation and Activities

**5.3.1 Number of awards / medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) during the last five years.**

**Response:** 19

**5.3.1.1 Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
02	12	03	01	01

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of award letters and certificates	<a href="#">View Document</a>

**5.3.2 Presence of Student Council and its activities for institutional development and student welfare.**

**Response:**

At present the University does not have an active students' union Council. However, the University has a well-established system to ensure representation of students in academic & administrative bodies/committees of the institution.

There is provision for one student representation, in each Board of Studies as per Statute-76. Students also have representation in the Anti ragging Committee and Women Cell at each Department.

Students' councils are formed at various departments to manage many curricular and extracurricular activities at the department. A students' council consists of General Secretary (GS), Class Representatives (CR) and Ladies representatives (LR) to manage and organize many such activities. GS, CR and LR are nominated based on their merit and Cultural, Sports and Other committees are also formed with students' representation to manage sports and cultural activities. Students' council is organizing and managing Fresher's party to welcome new students at the departments, various days celebration, Sports Day, Debate and elocution, blood donation camp, Annual Day celebration, etc. to inculcate a sense of team building and cooperation. Such participation instills interpersonal and leadership qualities among students. Placement committee assists in placement activities of the department. Students' council is also playing a key role in organizing industrial visits for getting industrial exposure for students.

University has its two major sub units, namely, Community Science Center and Community Radio Station.

In the Community Science Center, Student volunteers from various Departments and affiliated colleges are playing a very active and leadership role in promoting Science in the local community in general and the Students Community in particular. Some major events/activities like Science Awareness programs for various Schools, World Environment Day, National Science Congress, National Science Day etc. are largely managed by student volunteers.

At Community Radio Station, as the main goal of such center is A Radio “For Community and By Community”, having a tagline “My Campus My Voice”, major part of content management for program production is managed by students of the University. Some of the important areas which are addressed at Community Radio Station by students are like, Career Counseling, Examination Phobia, Life at Hostel, technology updates, Health related issues are covered under various types of program such as expert talk, support from counselor, sharing the personal experience to help to others etc.

The student council at department level is extending its fullest of cooperation in curricular and extra curricular activities for the holistic and overall personality development of students. The student councils also work informally for the academic and financial welfare of the students by arranging counseling sessions by bright students and also guide the incoming students to relocate themselves in the university campus.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

### 5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

**Response:** 13

#### 5.3.3.1 Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
16	16	11	10	12

File Description	Document
Report of the event	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

## 5.4 Alumni Engagement

### 5.4.1 The Alumni Association / Chapters (registered and functional) contributes significantly to the

**development of the institution through financial and other support services.**

**Response:**

Sardar Patel University promotes education with the Motto of 'WE STRIVE FOR EXCELLENCE, FOR EXCELLENCE MATTERS!'. The goals of the University are to serve the rural population by providing them with access to higher education; to continually explore new frontiers in the areas of Science and Technology, Agriculture, Law and Governance and many others; to constantly set and reach new levels of achievement in research in the areas within Science, Technology, Humanities and Social Sciences.

The Sardar Patel University believes in 'Regeneration of rural Indian life with the application of the study and research in all the disciplines of knowledge in tune with the modern global developments' and to connect with its alumni to strive hard for diversified progress of the present and past students of the university. To achieve this aim the university has constituted its own Alumni Association named, "**S. P. UNIVERSITY BHUTPURVA CHHATRAMANDAL**". In addition to it, at International level some of the active Associations are functioning in countries like USA, UK etc. Apart from this, all Postgraduate Departments have formed their own Alumni Associations, which are actively engaged on organizing Annual Meeting and Academic Events.

The University organizes the alumni meet on the day of University Convocation with the intention that all the alumni should experience the environment of Integrity and familiarity with its *Alma Mater*.

**Objectives of the Alumni meet at a glance**

- To extend the coordination of past students to present students in the academic progress, for diversified development in education and research.
- To provide global platform for taking initiatives for the various students and faculty exchange programs, research initiatives, sharing knowledge resources.
- To identify the opportunities of collaborations with industry partners for social initiatives and knowledge resources, and collaborations with government and private bodies that support the academics, enhance external participation.
- To lay numerous opportunities for the students on the campus and outside for academic enrichment, to facilitate for Agreements and MoUs for the academic development.

**Significant achievements of University Alumni**

- In the pursuit to enrich its academic inputs and experiences, the University has maintained its tradition of entering into the academic collaboration with premier institutions by various agreements.
- University has signed Agreements/Memoranda of Understanding (MoU) for academic and research collaborations with many institutions
- Sardar Patel University has successfully organised Global Connect Meet 2020 in collaboration with Charutar Vidya Mandal

File Description	Document
Any additional information	<a href="#">View Document</a>

<b>5.4.2 Alumni contribution during the last five years (INR in Lakhs)</b>	
<b>Response:</b> C. 20 Lakhs - 50 Lakhs	
File Description	Document
Any additional information	<a href="#">View Document</a>

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## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

**6.1.1 The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance.**

**Response:**

The university has a well-defined vision and mission for the academic, research and extension activities. It is striving hard to improve and enhance teaching-learning process, research development, a sound value system among students, promotion of use of ICT, strategic planning of financial resources, planning and development of human resources, community engagement programs and internationalization of education, etc.

The university endeavors to impart a liberal, modern and sound education in variety of courses in Science, Management, Commerce, Law, Humanities and Information Technology to students coming from various strata of the society at an affordable cost and it strives to inculcate in them human values, a spirit of patriotism, national integration and democratic outlook as well as honing their skills and chiseling them as multi-dimensional personalities.

- The Ravipura village has been adopted for conducting various activities of social upliftment through our social work department.
- The subjects like Theory of Agricultural Economics, Economics of Rural Development, Problems of Indian Agriculture, Human Development, Rural Society in India, Rural Change & Development, Rurban Development are part of the curriculum in various courses.
- Our university has been selected by Ministry of Rural Development (MoRD) for post project evaluation of first phase of Sansad Adarsh Gram Yojana (SAGY) and Shyama Prasad Mukherjee RURBAN Mission (SPMRM) Programmes of MoRD for Gujarat and Rajasthan.
- We have our own Incubator, *Navadhara*, to provide an ecosystem for university students to promote innovation and entrepreneurship. Sec. 8 company (SP-SEC) has also been formed for promoting research of business idea which can be monetized.
- Three professors of our university have been included in top 2% global scientists by the Stanford University in 2020.
- The science departments have state of art and highly sophisticated equipment that are used for characterization, property evaluation, testing, analysis and structural elucidation of simple molecules to polymers and other nano and smart materials. The samples that can be handled include biological, natural, synthetic and advanced materials. Some of the unique equipment available in different departments are Triple quadrupole LC-MS (Shimadzu), IC-OES, Atomic Force Microscope, Differential Interference Contrast Microscope, Fluorescent Microscope (Olympus IX53) etc.
- Agro-Economic Research Centre (AERC) at Sardar Patel University performs research-driven work (interdisciplinary research, qualitative research, participatory research, need assessment, baseline studies, program evaluation, impact assessment) to provide ground realities for better policy formulation for rural regeneration. It bridges between educational research, innovation and its adoption and policy development. AERC is a field-based research institution with a reputation for excellence and consistently rated amongst the India's best AERC with significant contribution in policy formulation to central government. AERC is proudly engaged in continuous study of the

changes in rural economy as well as undertaking research on fundamental problems relating to the rural as well as agricultural economy of the country.

- The university also have an exclusive *Cost of Cultivation Center* which plays a pivotal role in deciding MSP (Minimum Support Price).

File Description	Document
Any additional information	<a href="#">View Document</a>

### 6.1.2 The effective leadership is reflected in various institutional practices such as decentralization and participative management.

#### Response:

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. Keeping this in mind, the university approved the delegation of powers to the concerned authority/officer as follows: Purchase of items or execution of work; after inviting quotations: Vice-chancellor (Rs. 2,00,000), Registrar and Head of the Department (Rs. 50,000), Administrative Officers (Rs. 10,000 for recurring expenditures only); without inviting quotations: Vice-chancellor (Rs. 50,000), Registrar and Head of the Department (Rs. 25,000); Purchase of items from the manufacturer: Vice-chancellor (Rs. 2,00,000), Registrar and Head of the Department (Rs. 50,000); by inviting tenders by advertisement in newspapers: Vice-Chancellor (Rs. 10,00,000). The items costing above Rs. 10,00,000/- are purchased after inviting open tenders and taking the approval of Equipment Committee, Finance and Establishment committee and Syndicate.

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. As per the statute, there is a provision for Senate membership which includes one teacher from each affiliated college and one teacher from each of the faculty and among them few are elected for the Syndicate also, the highest decision-making body.

File Description	Document
Any additional information	<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

### 6.2.1 The institutional Strategic plan is effectively deployed.

**Response:**

SPU strives to reach the pinnacle of excellence in education through realistic planning and implementation by the compassionate management, realizing the goals and objectives as per Vision and Mission of the university.

A committee of senior faculty members of the university was constituted for making **Policy Statement of Strategic Development and Deployment**. The committee submitted the draft document, which has been finalized after approval of Hon. Vice chancellor on 5-12-2017.

The key areas of the document are as under:

- Transparent and Hassel free admission process
- Facilitate teaching and learning
- Strengthen academic infrastructure
- Examination and evaluation reform
- Promote quality research
- Curriculum development
- Human resource management
- Industry interaction and collaboration
- Focus on holistic development
- Leveraging alumni of university
- Establish incubator
- Green campus
- Campus recruitment
- Perspective plan

Following the pathway, the admission procedure is made online and requirements for infrastructure facilities have been assessed and implemented. Initiatives like 'On Demand Examination' has been introduced and the examination system has been made ICT enabled. The syllabus has been revised and implemented in the light of current requirements and made them in alignment of *Course as well as Program Specific Objectives* in consultation with the faculty members. All the classrooms are equipped with multimedia projector and some hostels were also updated with Wi-Fi facility. The E-resources were procured in consultation with INFLIBNET considering the need of the hours.

To promote zest for research among the faculty members' various awards for research papers including cash prizes have been introduced in the year 2017. Teachers recognized by Stanford University in top 2% Best researcher category and teachers receiving Patents are felicitated on Convocation Day in the presence of the Chancellor of the university. Required equipment were procured for science departments and faculty members were instructed to encourage the students for post-doctoral work. As an outcome, three students were enrolled for post-doctoral studies under various schemes. To promote start-up initiative with liberty in administrative task along with SSIP cell. To create a hassle-free speedy environment for recruitment, job fairs are also organised on regular basis.

For our university, which has legacy of five decades, alumni can play the pivotal role in future development. Following this event, a special alumni meet for foreign alumni was also organised on grand scale. The university has received substantial donation from alumni in last five years. For holistic

development, swimming pool, gym, five department auditoriums and one grand auditorium have been constructed in last five years. International Yoga day has been taken as an opportunity to introduce yoga among the students as well as staff, including their family members. Recently, the university has received the status of Gujarat's first Green University. The activities under Community Radio station, short term courses focusing on skill development and Rural Research Projects makes this university distinct among all the universities of Gujarat. A special committee has been constituted to deliberate and implement new National Education Policy 2020. The reduction in examination fees, publication, books in Gujarati language, On Demand Examination etc. are student centric initiatives.

File Description	Document
Any additional information	<a href="#">View Document</a>

### **6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.**

#### **Response:**

#### **Institutional bodies, Administrative setup**

- SPU has all the statutory bodies as per the provisions of the UGC regulations.
- The university has well defined organization structure as per the mandate given by the Bombay Act No. XL of 1955 and The Sardar Patel University Act, 1955 (31st October, 1955) as per Sardar Patel University – Hand Book. Further, the university authorities have developed the University and Governing Bodies structure as per the organization and staff organization structure/pattern.
- Academic and Administrative functions are separated albeit administrative functions are supportive in nature in the pursuit of the goal attainment of the University.
- The Vice-Chancellor is Chief Executive Authority and the Governor of the State is the Chancellor by Act.
- The policy and decision-making process is done by various statutory and non-statutory committees. The statutory committees are Senate, Syndicate, Academic Council, Faculty, Board of Postgraduate Studies and Research, Board of Studies, Finance and Establishment Committee, Building Committee, Library Committee, College Development Council and Board of Sports, etc.
- The other committees include Exam Reform Unit, Selection Committees for Teaching and Non-teaching staff and Scientific Equipment Purchase Committee at the university level.
- Several sub committees are formed at university and at department level from time to time to look after the admission, internal examination, purchase and discipline, etc. Each department has a Departmental Research Committee that looks after all the matters related with Research.
- The power of authority of administration flows from Vice-Chancellor to Registrar and Head of the Department. The academic and exam related matters flow from Vice-Chancellor, Dean and Board of Studies.
- The head of the university is Vice-Chancellor who presides over most of the Statutory Academic Bodies like Senate, Syndicate and Heads meetings. The Registrar is the administrative head of the University. We have Chief Accounts Officer, Deputy Registrars, and Assistant Registrars, Development officer, Medical officer, University Engineer, Director, Computer Centre, University Librarian, Museum Curator, Press Manager, Director, Physical Education etc. The departments



function as per the delegation of powers under the administrative head.

- These committees have their meetings as per provision of UGC/University rules and by sending agenda well in advance, recording proceedings of the meetings and action taken report (ATR) for all the resolutions taken.

### Appointment and service rules, procedures

- The service rules of the teaching and non-teaching staff are governed by the *Gujarat Code of Service Rules (GCSR)* and UGC norms.
- The procedure for recruitment is as per the UGC and state Government rules.
- The promotional policies of the university are as per the norms and guidelines of UGC and guidelines issued by the state government from time to time. The university promotes the staff as per the government resolutions and the scheme of *career advancement scheme* is implemented based on the prevailing norms and guidelines. The promotional policies are applicable to both teaching and non-teaching staff.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link to Organogram of the University webpage	<a href="#">View Document</a>

### 6.2.3 Institution Implements e-governance covering following areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

**Response:** B. 3 of the above

File Description	Document
Screen shots of user interfaces	<a href="#">View Document</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 6.3 Faculty Empowerment Strategies

**6.3.1 The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff .**

**Response:**

## **Performance Appraisal System**

- The faculty members are asked to submit proforma-A every year as a part of performance appraisal system which includes details of research projects, research students, publications, invited lectures, consultancy, awards, membership, participation in curricular/extra-curricular/co-curricular activities, participation in conferences, seminars, workshops, etc.
- The freshly recruited employees are kept on probation for an initial period of two years and Head of Departments are required to submit the appraisal report about the employee to the University for before their confirmation.

## **Promotional Avenues**

- The University facilitates the regular promotion of teaching and non-teaching staff as per state government and UGC rules and regulations. The IQAC arranges seminars and workshops on API calculation and Career Advancement Scheme system.

## **Effective Welfare Measures**

- The University has a health centre with qualified medical and paramedical staff and many of the routine diagnostic test facilities. Besides this, health centre also has a panel of specialist doctors for their weekly visits. All the staff members along with their immediate and dependant family members utilize the health centre facility by paying a nominal consultation fee and free medication as outpatient.
- Free medical checkup and camps are also arranged for employees and students every six months.
- COVID specific medical support is extended to employees in the form of concessional RT-PCR Test, financial support of Rs. 50,000/- in case of hospitalization and Rs. 2,00,000/- in case of death. The University also arranges sanitization of the premises, distribution of masks, gloves, etc. at the time of examination.
- The teaching and non-teaching staff of the University is covered under Group Insurance Scheme. The amount is deducted from salary every month and the proceeds are given to a teacher at the time of retirement or to the nominee (in case of untimely death of employee).
- The University provides loans to its teaching and non-teaching staff members from General Provident Fund/Contributory Provident Fund as per the rules.
- The University has a provision of Teacher's Welfare Fund (SPUTWEF) for supporting teaching staff. The financial support is extended to a teacher in case of illness. Also, token of love in form of cash is given to a teacher at a time of retirement.
- Non-teaching staff of the University is entitled for Karmachari Kalyan Nidhi Scheme. A prescribed amount is deducted from salary every month and a substantial amount is given to an employee at the time of retirement or to the nominee (in case of untimely death of employee).
- The University also extends free studentship to the wards of class-III and class-IV employees studying in SPU under self financed programs.
- Some of the departments of the University have Student Group Insurance Scheme.
- Under various schemes and provisions, the teaching staff of the University is regularly supported to attend conferences, develop and undertake research projects, participate in professional development activities and organize activities related to their areas of research interest.
- The University has spacious canteen facility providing food at the subsidized rates for both students and staff.
- The University has hired security services for all its campuses.

<b>File Description</b>	<b>Document</b>
Any additional information	<a href="#">View Document</a>

**6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.**

**Response:** 9.8

**6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
3	21	18	16	24

<b>File Description</b>	<b>Document</b>
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years (Data Template)	<a href="#">View Document</a>

<b>Other Upload Files</b>	
1	<a href="#">View Document</a>

**6.3.3 Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.**

**Response:** 17.2

**6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
34	12	13	15	12

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres)	<a href="#">View Document</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### **6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course ).**

**Response:** 12.17

##### **6.3.4.1 Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
17	37	41	11	0

File Description	Document
IQAC report summary	<a href="#">View Document</a>
Details of teachers attending professional development Programmes during the last five years (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## **6.4 Financial Management and Resource Mobilization**

### **6.4.1 Institutional strategies for mobilisation of funds and the optimal utilisation of resources**

**Response:**

- Sardar Patel University has computerized accounting system for income and expenditure accounting with coding for every transaction that too department wise and head wise.
- Faculty are encouraged on regular basis to submit research proposals to various national funding agencies like ICMR, DST, DBT, BRNS, etc. In last five-year university has received 112 research

projects worth Rs. 4808.64 lakhs. Out of these 102 projects were funded by government funding agencies worth Rs. 4682.98 lakhs and 10 projects were funded by non-government bodies, individuals, philanthropists, industries and research institutes worth Rs. 125.67 Lakhs. The university has signed an MOU with industries and research centers for encouraging research endeavors of faculty members.

- Seed grant is given to newly recruited faculty to carry out research, total 19 projects worth Rs. 14.19 lakhs are sponsored to three university faculty members. The progress and expenditure of the same is monitored on regular bases.
- University has endowment fund worth Rs. 141 lakhs, which is received by various university departments.
- Proposals are also submitted to various funding agencies for infrastructure development. RUSA funded Rs 1500 lakhs for the infrastructure development. University received financial support from state government for the repair and maintenance worth Rs. 637.08 lakhs, 800 lakhs for the construction of auditorium, Rs. 300 lakhs for international student hostel construction, and Rs. 800 lakhs for construction of staff quarters.
- UGC under CAS-I sponsored Rs. 50 lakhs for the construction of animal house at bioscience department.
- Under 12th plan Rs 195.3 lakhs is received for the construction of swimming pool.
- University has total 9 chairs for which it has received funds from individuals' patrons worth Rs. 22 lakhs.
- Proper sanction from building committee, technical committee, finance committee and syndicate are being obtained.
- University has purchase committee for the purchase of chemicals / glassware / research instruments.
- Major purchase of equipment and materials are processed through GeM and after adhering transparency in tender rules.
- University adheres to the Government of India regulations with regard to the financial transactions through banks/ cheques /PFMS
- The statement of expenditure and utilization certificate are prepared in the format given by the funding agency and they are duly certified by chartered accountant.

File Description	Document
Any additional information	<a href="#">View Document</a>

**6.4.2 Funds / Grants received from government bodies during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V ) (INR in Lakhs).**

**Response:** 30971.43

**6.4.2.1 Total Funds / Grants received from government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) year wise during the last five years (INR in Lakhs).**

2020-21	2019-20	2018-19	2017-18	2016-17
5817.6	5245.63	8168.58	5219	6520.62

File Description	Document
Details of Funds / Grants received from government bodies during the last five years (Data Template)	<a href="#">View Document</a>
Annual statements of accounts	<a href="#">View Document</a>

#### 6.4.3 Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)

**Response:** 461.14

6.4.3.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
100	0	251	0	110.14

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Annual statements of accounts	<a href="#">View Document</a>

#### 6.4.4 Institution conducts internal and external financial audits regularly

**Response:**

The University has computerized its entire accounting system with coding for each and every transaction department wise and head wise for income and expenditure accounts. University maintains the system accurately by using Tally ERP 9, the latest version of the software.

The University seeks proposals of financial requirements from each departments. After receiving proposals we call a joint meeting of heads under the chairmanship of Vice-Chancellor for scrutinizing and finalizing requirements. Budgetary provisions are created and sanctioned, and expenditures are monitored periodically.

The University appoints chartered accountant firm for auditing and preparation of university accounts. Submitted audit report will be placed before Finance and Establishment Committee and on the basis of

recommendation of the committee, the audit report along with university accounts will be placed before the syndicate for its approval. The university senate will consider and approve in its meeting held at the end of every year.

As per the act of the university, statutory auditor is Local fund office, which is controlled under the finance department of Gujarat Government. External audit will be arranged as per the availability of the Local fund auditor.

### **Mechanism for settling audit objections**

At the time of audit objections, statutory audit (local fund) issues primary audit para for the necessary justifications and documents. Further clearance is done once the primary audit para are filled satisfactory. Then the auditor removes the audit para at the primary level.

When the university does not satisfy reply of the auditor or some documents are missing, in that case the auditor includes the audit para in the audit report. The audit report is then discussed with the Vice Chancellor and after discussions only the pending para are included in the audit report.

After the audit report is received, the university prepares the reply for each audit objections and submit before the Finance and Establishment Committee with a report, annual accounts and reply of the university. After recommendations of the Finance and Establishment Committee about all the documents placed before the Syndicate and then before the Senate for its approval, as per the University Act.

<b>File Description</b>	<b>Document</b>
Any additional information	<a href="#">View Document</a>

## **6.5 Internal Quality Assurance System**

**6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals.**

### **Response:**

SPU has established IQAC since first cycle of accreditation with well defined set of goals and objectives to assure and ensure quality in the university system. Two notable practices are as follows:

### **Ensuring Quality in the Evaluation**

The assessed answer books, quiz papers and assignments are shown to the students after their internal exams in the concerned departments. The discrepancies if any, which are noted, justified and corrected wherever required. The students are allotted to apply for observation of assessed answer books after the declaration of result at university level examinations. This exercise is done in the presence of the dean of the respective faculty. In short the student does a kind of self-assessment. If any error is noticed, it is brought to the notice of the concerned Dean/Supervisor. The student is informed about the verification of

the error observed during the observation of the answer book. In case the student is not happy with the assessment, she/he may decide to go for the reassessment. This process replaced the old system of applying for reassessment without observation. This initiative has been welcomed by the students, because it saved time and money along with psychological stress.

### Ensuring Quality in Teaching and Research:

The timely recruitment of faculty and ensuring timely and regularly promotion of faculty members is highly required to have quality and enthusiastic teachers in the campus. IQAC has been continuously thriving in helping the university in preparing the application form based on UGC regulations (from time to time) and placing the advertisement in public domain. The scrutiny of applications and verification of various claims have been done on fast track for further process at three different stages. This led to a very transparent and unambiguous decision on eligibility of the candidates. No single legal issues arise so far on recruitment process. Similarly the applications received for promotions have been verified at two stages and were given at regular intervals.

File Description	Document
Any additional information	<a href="#">View Document</a>

**6.5.2 Institution has adopted the following for Quality assurance 1. Academic Administrative Audit (AAA) and follow up action taken 2.Confernces, Seminars, Workshops on quality conducted 3. Collaborative quality initiatives with other institution(s) 4.Orientation programme on quality issues for teachers and students 5. Participation in NIRF 6.Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA).**

**Response:** A. Any 5 or more of the above

File Description	Document
Upload e-copies of the accreditations and certifications	<a href="#">View Document</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Paste web link of Annual reports of University	<a href="#">View Document</a>

**6.5.3 Incremental improvements made for the preceding five years with regard to quality (in case of first cycle), Post accreditation quality initiatives (second and subsequent cycles).**

**Response:**

**Academics**



- Blended mode of teaching (online and offline) and conducting external and internal exams to save the academic years due to Covid 19 situation.
- The detailed syllabus consisting of POs, PSOs and, COs has been prepared and implemented across all faculties.

## **Research**

- The faculty members have been provided with seed projects. The consultancy guidelines are revised and the university facilitated the consultancy research projects. University also has *NAVADHARA*, *SSIP* wherein different activities have been done for sensitization and support.

## **Infrastructure**

- Constructed the Olympic level swimming pool and it is in operation.
- Establishment of gymnasium (open to all) and small one at women hostel.
- Extended a floor on the top of Gyanodaya Bhavan of 1394 sq m for conducting exams.
- The construction of a multipurpose auditorium (4182 sqm, with a capacity of 1000 people), teaching and non teaching staff quarters are under progress.
- Establishment of university own RT-PCR testing facility in the campus for aiding the citizens of district Anand.

## **Administration**

- The process of filling the vacant posts has been taken up with top priority and induction of new faculty members has been initiated. The IQAC was involved in scrutiny and API verification of application received for the post of Associate Professors and Professors. The university has filled up 65 positions in various departments in the last five years
- E-governance mechanism is implemented in the domains of examination. The registration process for examination by students, generation of hall tickets, bar-coding of answer sheets, entry of marks and generation of mark sheets is done online.
- Several environment friendly practices of the university have earned it a platinum ranking in the recently held Green Audit by UN approved agency GREEN MENTORS. SPU has become the first such university in Gujarat.

## **Extension activities**

- Scope of MoU between SPU and Chandubhai Patel (Vakil) Foundation is revised and broadened to cover more research and extension activities i.e. Research awards, skill development among girls and women etc.
- International Faculty Development Program conducted for 285 teachers of SPU by Global Training Education Partners (GTEP), UK. The objective of the program was to orient teachers for activity-based learning so that it becomes enjoyable experience for the students in the teaching-learning process.
- The value added certificate course in Radio Jockey offered by the Community Radio Station located in the campus and also various Community Outreach Programs by the Community Science Centre has been done. Some other value added courses conducted includes Certificate course in biostatistics, Certificate Course in Financial Statistics, Certificate Course in Renewable Energy Devices: Installation & Maintenance.

<b>File Description</b>	<b>Document</b>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

NAAC

## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

**7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.**

**Response:**

The university provides an excellent ambience on equity and empowerment basis.

Equal opportunity and access to higher education to the girls are provided by a very transparent admission process and the other incentives provided by the government from time to time.

Some of the salient features are as follows:

**Curricular Activities**

The topics for the curriculum are chosen as far as possible to address the issues such as Gender and Society, Women in India, Politics and Society etc. Students are encouraged to take up field work and skill development programmes to understand issues related to gender equity and empowerment. The faculty members make efforts in selecting research problems on gender related issues. A total of 24 theses and 01 research project have been awarded/undertaken during the assessment period focusing on gender issues.

**Co-curricular Activities**

The university has a central Woman Cell constituted under the chairmanship of the Vice-Chancellor, with a convener, members and student representatives and invited members. The Woman Cell had also prepared a Gender Sensitisation Action Plan with well defined goals/targets.

In line of these targets, following activities were organized by the central women cell and its units at various departments:

- *Seminar/workshops/sessions:* Stress Management, Cybercrime Awareness, Women Entrepreneurship, Women and Law and Health Awareness, Women Rights (in collaboration with Gujarat Women's Commission)
- *Training Sessions:* Self Defense, Communication Skills and Personality Development
- *Health Camps:* Eye Check-Up, Blood Check-Up, Hemoglobin Check-Up etc
- *Celebration of Women's Day:* by organising competitions (On the Spot Painting, Photography, Clay Modeling, Logo Creation, Short Film Making and Poetry Writing) and National level Drama Festival on Women Empowerment

The Women Cell has also carried out gender audit and prepared a report. Based on the findings and observations of this report, the university had reviewed the existing facilities for the women in the campus and also added new facilities.

Important details of such facilities are:

- **Safety and security**

Installation of CCTV coverage across the campus at strategic locations, classrooms, staff cabins, corridors, administrative offices, hostels, and outdoor gardens etc. Security guards man the locations round the clock. The internal corridors are also well-lit.

Each department has an Anti-Ragging Cell following the norms of UGC. The contact details of the Anti-Ragging Committee Members and helpline numbers for reporting harassment are displayed at appropriate locations in each building.

The campus houses four separate hostels exclusively for girls with a full-time rector. Security personnel are deployed at girls' hostels, and a visitor's register is maintained.

- **Common Rooms**

Fully equipped separate Common Rooms for girls are available in each building. The washrooms were fitted with Sanitary vending machines and incinerators.

On a regular basis, our campus community radio station broadcasts talks covering gender related issues.

Gender Equality Pledge is displayed at the entrance of each department/building.

The university medical officer is coincidentally a learned lady and takes care of health issues of women in the campus as outdoor patients. The health centre also arranges visit of consultant gynaecologist twice a week.

<b>File Description</b>	<b>Document</b>
Specific facilities provided for women in terms of: a.Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="#">View Document</a>
Annual gender sensitization action plan	<a href="#">View Document</a>

**7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures**

- 1.Solar energy
- 2.Biogas plant
- 3.Wheeling to the Grid
- 4.Sensor-based energy conservation
- 5.Use of LED bulbs/ power efficient equipment

**Response:** B. 3 of the above

File Description	Document
Geotagged Photographs	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

### 7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

#### Response:

The Waste Management at the clean, neat and tidy campus of Sardar Patel University is done with all care as per the guidelines prescribed in the *Green Campus, Environment and Energy Conservation: Initiatives and Practices* of the University maintaining all the hygiene standards.

#### **Solid, Liquid, Chemical and Organic Waste Management**

- Sardar Patel University makes the maximum use of the Solid Liquid Resource Management (SLRM) system of Vallabh Vidyanagar Nagarpalika Board to manage the waste generated in the Departments, Hostel Campuses as well as in the University staff colony.
- *Swatchhata Abhiyan* events and plastic plogging sessions are organised and the waste is disposed off to the proper agency.
- Chemical waste is handled as per the standard norms. All materials used in microbiology laboratory are decontaminated immediately after the end of experiments, before they are discarded.
- Chemicals are usually stored/segregated by compatibility groups such as acids, bases, flammables, oxidizers, water reactive, etc.
- There are separate dustbins for broken glass utensils near the labs.
- Plastic waste (bottles, gloves, plastic pipettes, etc. in Chemistry lab) are collected separately.

#### **Biomedical Waste Management**

- The University Health Centre follows biomedical waste segregation rules & disposes accordingly in different colour bags to a registered medical waste management agency.

#### **e-Waste Management**

- A unique e-waste management system is followed at Sardar Patel University by de-soldering and reusing the electronic components for the projects of students in Electronics Department. The fiber housings of the computer monitors are used for display purpose.
- Some of the out of order computers are reconfigured and refurbished and brought to the working order.

- The computers and e-waste that cannot be re-used are disposed off as per the government regulation. The University maintains records of the e-waste generated, handled and disposed and makes such records available for scrutiny by the concerned State Pollution Control Board.

### **Waste Recycling**

- The University has a long tradition of ensuring all the used Answer-sheets of Exams conducted by the University – (of average around 65,00 students annually) for sending for the pulping.
- As the Green University Campus having maximum number of trees in a small area in the State, the University has a large number of tree leaves and organic waste and it is ensured that leavers are not burnt. The botanical garden and the Biosciences Department use leaves and organic waste for composting.
- The University has granted an SSIP project to an alumnus who is making organic compost from organic waste.
- The University students and faculty make innovative furniture, fixtures, and usable items by using waste material.
- Sessions on reusing the plastic bottles for making bird feeders is a regular practice by the Community Science Centre of the University.

### **Hazardous chemicals preservation and waste Management**

- The hazardous chemicals are stored in containers tagged/labeled as "Hazardous Waste".
- Mercury waste and mercury containing items (such as thermometers, manometers, etc.) are stored separately (and disposed as per the guidelines.)
- Waste oil, collected from vacuum pumps is collected in a separate waste container.

<b>File Description</b>	<b>Document</b>
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View Document</a>
Geotagged photographs of the facilities	<a href="#">View Document</a>

#### **7.1.4 Water conservation facilities available in the Institution:**

- 1. Rain water harvesting**
- 2. Borewell /Open well recharge**
- 3. Construction of tanks and bunds**
- 4. Waste water recycling**
- 5. Maintenance of water bodies and distribution system in the campus**

**Response:** B. 3 of the above

<b>File Description</b>	<b>Document</b>
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

#### **7.1.5 Green campus initiatives include:**

- 1. Restricted entry of automobiles**
- 2. Use of Bicycles/ Battery powered vehicles**
- 3. Pedestrian Friendly pathways**
- 4. Ban on use of Plastic**
- 5. landscaping with trees and plants**

**Response:** B. 3 of the above

<b>File Description</b>	<b>Document</b>
Various policy documents / decisions circulated for implementation	<a href="#">View Document</a>
Geotagged photos / videos of the facilities	<a href="#">View Document</a>

#### **7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:**

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus recognitions / awards**
- 5. Beyond the campus environmental promotion activities**

**Response:** A. Any 4 or all of the above

<b>File Description</b>	<b>Document</b>
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View Document</a>
Certification by the auditing agency	<a href="#">View Document</a>
Certificates of the awards received	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

#### **7.1.7 The Institution has disabled-friendly, barrier free environment**

- 1. Built environment with ramps/lifts for easy access to classrooms.**
- 2. Divyangjan friendly washrooms**

3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

**Response:** B. 3 of the above

File Description	Document
Policy documents and information brochures on the support to be provided	<a href="#">View Document</a>
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>
Details of the Software procured for providing the assistance	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

**7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).**

**Response:**

#### **Addressing Cultural and Communal Diversity**

- Multiculturalism is one of the distinctive features of Sardar Patel University. Celebrations of religious and cultural festivals (Kite Flying Festival and celebration of Durga Puja, Ganpati Puja and *Navratri* etc), Freshers' Party, Annual Fests and Talent Search are some of the efforts through which cultural diversity is celebrated and respected.
- Promotion of diversity and inclusivity are also visible in Sardar Patel University's Youth Festival in the form of various subjects/themes chosen for different activities.

#### **Addressing Regional Diversity**

- Rural regeneration through education is a salient feature of the curricular aspects at the University. Theme based on regional diversity formed a part of 83 doctoral research works in the last five years.
- To cater to the diverse lifestyle and food habits of the international students, full-fledged accommodation with cooking facilities is provided to them. The International Students Centre of the University facilitates the admission and logistical support to foreign students. The Foreign students are integral part of all the cultural events in the campus.

#### **Addressing Linguistic Diversity**

- Sardar Patel University accommodates students from other states through its reservation policy in admission criteria. Teaching faculty adopts a bi-lingual mode of teaching, wherever required, to



assist students with linguistic challenges. Hindi explanation is provided to Non-Gujarati students having difficulties in understanding Gujarati and English. This helps students enhance their academic performance. The university has also published qualitative study material in the form of books with the non-remunerative contribution of the faculty members for the students of B Sc and B Com programmes both in English and Gujarati. Selected theses of research scholars from Science have also been published by the university to disseminate

- Celebration of days like Hindi Day, Matrubhasha Day and Sanskrit Day at the departmental level facilitates sensitisation towards linguistic diversity.
- The libraries in the University have collections of technical books and journals in many Indian languages.

### Addressing Socio-economic Diversity

- Reservation policies laid down by the Government of India and the Government of Gujarat have been strictly followed during admissions and recruitment. SC-ST Cell ensures that the students from socio-economically challenged backgrounds are shared necessary information about various scholarships and schemes in time to help them avail the available opportunities. In addition to other hostels, Eklavya Hostel is exclusively available for SC-ST students.
- A portion of the revenue generated from self-financed programmes is made available to provide scholarships to economically weaker students on a need cum merit basis.
- Health care is available for all students with nominal fees.
- Since 2018-19, under the “Earn While You Learn” initiative, interested students not only get an opportunity to assist administrative staff and get hands-on experience of working in an office but are also paid remuneration for that.

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View Document</a>

### 7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

#### Response:

Sardar Patel University envisages to generate human resources in the formal and informal manner to nurture scientific temper, talent, skills and wisdom along with the spirit for their constitutional obligations. Few pertinent activities are described below:

#### Sensitisation about Values

- शीलवृत्तफलश्रुत i.e. “Character and conduct are the fruits of learning”, the emblem of Sardar Patel University asserts conduct and character as the chief outcome of the learning process. Through various ways and means, the students and faculty members are sensitised to build a contributive personality

- Besides celebrating national festivals regularly, the erstwhile university crossroads within 500 meters area of the university building is renamed as “Shahid Chowk” which reminds everyone the contribution and sacrifices of the freedom fighters motivate them to do everything possible for our nation.
- Each day at the university and all the formal events on the campus begin with a university song that embodies the preaching about characters, values and commitments. Festival celebrations and related activities also inculcate the value of belongingness among the students.
- The university, as a part of its commitments towards the human values, provides interest-free Food Grain Advance and Festival Advance to Class 3/4 employees. The non-teaching staff also offered the advantage of the fee waiver policy. The leave encashment amount is given to the employee on the day of superannuation itself. During COVID-19 pandemic, the university offered financial assistance to the employee who suffered from this pandemic. Students and employees were benefited from the consultation and medicines at a minimal cost at the University Health Centre. Such activities develop a sense of belongingness among the stakeholders and influence their thinking and behaviour.
- Activities and publications by Sri Aurobindo Chair of Integral Studies help the students and staff develops spiritual values and humanity. Departments too contribute to inculcating life skills through expert talks, workshops and seminars.

#### **Sensitisation about Rights:**

The awareness about the rights and potential exploitation about these rights is created by conducting various lectures, webinars and expert talks. Various departmental committees function to ensure that students get their fair right and the presentation to address their grievances through Anti-ragging Committee, Student’s Grievance Redressal Cell, and Women Cell.

#### **Sensitisation about Duties:**

- The students participate actively in various extension activities like role play, exhibitions, demonstrations, rallies, and talks on the topics like girls’ education, nutrition, balanced diet, cleanliness, health and hygiene, de-addiction, healthy hand wash practice, menstrual hygiene, etc which sensitize them about their duties towards a society and community life.
- The Department of Social Work and the Department of Home Science have collaborated with NGOs for executing extension activities.

#### **Sensitisation about Responsibility:**

- The students are encouraged to participate in and conduct various green activities like sapling plantation, restoration of trees, cleanliness activities for the conservation of natural resources and cleanliness of the environment.
- Community Radio Station regularly broadcasts various programmes to sensitize the students and employees about citizens’ values, rights, duties, and responsibilities. Book Talk Show by the faculty members and research scholars is the one more addition in this direction.

**For the details of above claimed activities and relevant information, please copy and paste the following link in the browser:**

**[https://www.spuvvn.edu/ssr/Criterion-7/7.1/7.1.9/7.1.9\\_Additional\\_Informa](https://www.spuvvn.edu/ssr/Criterion-7/7.1/7.1.9/7.1.9_Additional_Informa)**

**7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.**

1. The Code of Conduct is displayed on the website
2. There is a committee to monitor adherence to the Code of Conduct
3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

**Response:** B. 3 of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View Document</a>
Code of ethics policy document	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

**7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).**

**Response:**

- National, International commemorative days, events and festivals are celebrated through, Workshops, Walks, Expert Talks, Exhibitions, Seminars, Activities Pujas, etc. at the university: to remain connected with the roots, to offer an opportunity to get connected with fellow-beings, to sensitize the students about the contributions of the luminaries of the various fields from the bygone ages, to bring awareness about pertinent personal, social, regional, national and global issues. The broad categories of celebrations include National Festivals and Days; Health and Society; Language, Literature and Literacy; Science and Environment as well as other important days like Guru Purnima, Teacher’s Day, Sports Day etc.
- In addition to celebrating above, university has the unique distinction of remembering the services and contribution of Shri Sardar Vallabhbhai Patel, the son of this soil, on whose name the university is named, his *Nirvan Din* that is 15th December is marked as the Convocation Day of the university to pay a tribute to the Iron Man of India as well as reiterate the values preached and practiced by him to the graduating students.
- Academic Chairs organize exhibitions, rallies, seminars, talks, competitions etc. to develop the spirit of nationalism, humanism, and spiritualism. Departments, Community Science Centre, Community Radio Station, and Women Cell too conduct relevant activities to commemorate various international and national days.
- Even the pandemic time did not deter the university, faculty members, and students from

celebrating various days, events, and festivals. There were e-celebrations of Navratri, Yoga Day, and events like different e-competitions, webinars, talks, etc.

- After the outbreak of the pandemic, extra efforts are made by the university to revive the ancient Indian heritage through yoga, naturopathy, and Ayurveda in collaboration with Gujarat State Yog Board, Gandhinagar. In addition to celebrating Yoga Day every year, the university enlarged its scope by organizing two Yoga sessions (Morning and Evening) at the Sanskar Balwadi following the guidelines of the Government of Gujarat and the Government of India from time to time. These sessions have been attended not only by the family of the university but also by the people from the nearby towns and villages. Other than this, free Ayurveda medicines were also distributed to the community, and the incorporation of naturopathy in day-to-day life has been encouraged. These efforts have yielded positive results too. The incorporation of yoga and changes in the lifestyle have helped people get rid of many nagging diseases. To promote yoga, the university also facilitates the training of the Yog Trainer Trainee. The centre run at the university attracts the highest number of enrolments.

File Description	Document
Geotagged photographs of some of the events	<a href="#">View Document</a>
Annual report of the celebrations and commemorative events for the last five years	<a href="#">View Document</a>

## 7.2 Best Practices

### 7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

**Response:**

#### Best Practice 1

**Title of the Practice:**

Freeships, Scholarships/Fellowships, Cash-Rewards and Other Financial Assistance to the Students, Academic and Administrative Staff

#### Objectives of the Practice

University has been making conscious efforts to be inclusive in all its activities. Specifically, greater care is taken to ensure that all the possible help is extended through financial assistance and that maximum students get the benefit of various freeships, scholarships and other available financial aids. Care is also taken that the academic, as well as administrative staff too, get such assistance wherever and whenever needed and possible. Financial assistance is provided as well as facilitated by the university. At the heart of the practice, the objective is to ensure that students, faculty members and administrative staff avail the financial assistance catering to their needs on various occasions for various purposes.

The other objectives are:

- To increase opportunities for the students to have access to higher education
- To address financial concerns of students, academic and administrative staff to some extent
- To motivate students and faculty members to perform better in academics

## **The Context**

Financial assistance has proved itself a need, support and morale boosting for stake-holders

The surge in the gross enrollment ratio in higher education brings with it various challenges. One of them is a cash crunch. Scholarships, Fellowships, and Freeships are some of the initiatives to help students overcome such challenges. The university made efforts to ensure that students become aware of such government initiatives and avail themselves of the opportunities. It was also observed that all the deserving students, despite the efforts made by the government, were not eligible for scholarships. Their studies suffered because of the financial crunch. In such a scenario, financial assistance from the fund received from the self-financed fund was envisioned and assistance from NGOs was utilised for the same.

In addition to the approval of and permission for capacity building and research, financial assistance in the form of participation fees and rewards was initiated for the qualitative research work. The aim was to boost the morale of the research scholars as well as the faculty members.

The fees waiver initiative began to ensure higher education to the wards of administrative staff studying at the university and the interest-free festival and food grain allowances were given to ease the financial worries of the Class III/IV employees.

## **The Practice**

For every type of assistance three step process is followed:

- (i) Simple process for the applicants - from registration/application to receiving the financial assistance
- (ii) Transparent and timely process of the applications
- (iii) Prompt and well-timed disbursement of the amount

As far as the students are concerned, the efforts of the university are twofold: Facilitate the students in availing government scholarships/fellowships and make maximum provision for those who are not entitled to government benefits through the endowment fund as well as the fund generated from the self-financed courses. All the possible efforts are made so that the cash crunch does not become a hindrance in the pursuit of dreams and progress.

Faculty members are provided financial assistance to attend conferences/seminars/workshops as well as rewarded for their quality research. The administrative staff is offered financial support for the higher education of their wards studying at the university and especially Class III employees are helped by providing interest-free loans in the form of food grain and festival allowances.

EBC, SC, ST, OBC Scholarships/Fellowships: Consistent efforts are made to ensure that the eligible

students avail various government scholarships/fellowships. In addition to imparting timely information and guidance through orientation programmes, web-portal as well as by attending to personal queries, extra care is taken to approach and intimate the students through the departmental administrative office as well as the department to see that the student meets the deadline at each step. The students who do not complete the initiated process are traced and guided to complete the process.

Financial Assistance from the Self-Financed Fund and by NGOs: Conceptualised in 2005, the practice of financial support from their fees to the students is unique and reflects the intentions and vision of the university to provide higher education access to deserving students over and above the grant-in-aid intake. Criteria are fixed. Based on that a merit-based list is prepared and the scholarship is awarded. The amount and number of the scholarships will vary but many students have got the benefit of this initiative. The total number of free studentships available in each department is 5% of the total strength of the department. Free studentships are awarded to the postgraduate students reading for their Master's degree, who are otherwise not eligible for the Economically Backward Class Free studentships or Scholarships for the Scheduled Caste, Scheduled Tribe and other Backward Class students. Support from NGOs too helps students ease their financial worries.

- **Earn While You Learn**

The *Earn While You Learn* initiative was introduced to support students from the economically weaker section. The other objective was to offer remunerative practical training (Rs. 40-45 per hour) as per their interest and aptitude as well as possibilities at the university. The students would work 2 to 4 hours per day without disturbing their academic schedule. The students were allowed to work for a maximum of 50 hrs per month.

- **Cash Rewards to Teachers and Research Scholars**

Cash rewards for Innovative Research have been instituted (patent, copyright or having a direct impact on the society) for teachers as well as students from the interest generated from the corpus fund. Such teachers are felicitated for their research work on every Annual Convocation Day.

- **Financial Assistance to Faculty Members towards capacity building**

Faculty members are motivated to participate in and contribute through various research activities. Financial support is given to participate in seminars/conferences.

### **Financial Assistance to Administrative Staff and Class III Employees**

Interest-free Food Grain Allowance and Festival Allowance to the Class III employees (regular and daily wagers) has been one of the most supportive initiatives practised by the university. The fees of the wards of the administrative staff are waived off.

### **Covid-19 Assistance**

Amidst the unprecedented crisis like the Covid-19 pandemic, provision for special financial assistance was made by the university to its entire academic and administrative staff irrespective of their cadre. The only criterion was the misery that befell them.

## Evidence of Success

The data of the last five years is proof that such various initiatives and efforts of the government and the university practices have helped and motivated the beneficiaries.

The data of the beneficiaries suggests the outreach of the various efforts and practices:

<b>Students</b>	
<b>Details of Freeship, Scholarship and Other Financial Assistance to Students</b>	<b>2016-2021</b>
	<b>Total Beneficiaries</b>
Government Aided – PG Students & Research Scholars	6784
Institution Funded – PG Students	675
Scholarship given by NGO	16
Earn While You Learn	46
Cash Rewards for Research Papers	33
<b>Total Beneficiaries</b>	<b>7554</b>

<b>Faculty Members</b>	
<b>Details of the Financial Assistance Provided</b>	<b>2016-2021</b>
	<b>Total Beneficiaries</b>
Financial Assistance in the form of fees to attend conferences/ seminars	102
Seed Money Grant to Faculty Members	19
Cash Rewards for Research Papers	56
Covid-19 Assistance	3
<b>Total Beneficiaries</b>	<b>180</b>

<b>Administrative Staff and Class III Employees</b>	
<b>Details of the Financial Assistance Provided</b>	<b>2016-2021</b>
	<b>Total Beneficiaries</b>
Fee Waiver to the Wards of the Administrative Staff	13
Interest-Free Food Grain Allowance	905
Interest-Free-Festival Allowance	966
Covid-19 Assistance	13
<b>Total Beneficiaries</b>	<b>1897</b>

### **Problems Encountered and Resources Required**

Human resources to manage the funding and maintain the record and more financial assistance from the government or endowment fund would surely enhance the outreach of the practice.

## **Best Practice 2**

### **Title of the Practice**

Environment and Energy Conservation: Practices and Initiatives

### **Objectives of the Practice:**

- To respect and feel oneness with the environment which is responsible for the existence
- To carry forward the legacy of pioneering efforts by the founders of the university in ecosystem restoration
- To generate awareness among all the stakeholders of the university about the need and importance of environmental and energy conservation
- To impart education for the practice of a sustainable way of living
- To train the students to be the ambassadors to the world and the future generations by developing a sense of respect towards Mother Nature and implementing green practices to conserve natural resources and biodiversity.

### **The Context:**

Sustainable development is at the very roots of Sardar Patel University. Known as a Green Town of Gujarat State, Vallabh Vidyanagar essentially was developed to create the First Rural Residential University Township of the post-Independent India. More than 80 tree species were planted on the roadside by the founder Vice-Chancellor of the university. Today, it has hundreds of trees in a small area in Gujarat State and is replete with green coverage.

The university, since its inception, has been working to infuse environmental consciousness amongst youth through education, extension, training, and research activities in almost all disciplines. The university



firmly believes that it is not only the need of the hour but also the conscious responsibility to be shouldered by the stakeholders at the university.

### **The Practice:**

The Sardar Patel University has shown distinctiveness through the arduous efforts by staff and students in:

(a) *Creation of another Green Belt:* Continuing the legacy of the founders, the efforts of the faculty members and students of the PG Department of Biosciences have converted a 2006 barren land into a lush green belt that is equally rich in biodiversity. QR Codes on the trees easily generate awareness and knowledge among the visitors.

(b) *Environmental Education and Training:* Faculty of Sciences, Commerce & Management, Humanities and Social Sciences, Home-Science and Education have courses/units focusing on the environment and its related aspects. Cocurricular and extracurricular activities (competitions, exhibitions, talks, workshops, excursions and expeditions, quizzes etc) related to environment are frequently organised.

(c) *Research and Publication:* Academic fraternity at the university has been actively studying the issues concerning the environmental crisis and has contributed significantly through research publications, research projects, patents and PhD dissertations.

(d) *Green Practices:* The university is proactive towards environmental conservation practices. The details are as follows:

- There are 07 rainwater harvesting and recharge wells.
- A unique natural air cooling system exists at the sports complex.
- Solar Water Heating Systems are installed at hostels.
- Most of our buildings follow the OTS and universal design with anthropometric dimensions of learning spaces, offering enough sunlight and aeration.
- Use of energy-efficient electrical devices is in practice.
- Roof Top Solar Power Plants are installed in 11 buildings
- An innovative small wind generator was developed at the Community Science Center and is functioning. Community Science Center has also established Nature and Environment Club under which various activities such as seminars, congress, visits to the botanical garden for school students, the orientation of school teachers, environmental awareness activities, different competitions, talks etc are organized.
- The university is one of the first in the area to install the Dual Axis Solar Tracking systems in 4 buildings.
- CNG pipeline installation is done at three departments and a hostel.
- One of the SSIP projects, recently granted to an alumnus, is about making compost from the bio-waste on the university campus.
- Waste management policy is followed. Bio-waste generated at the Health Center is handled and managed under the MoU with Gujarat Pollution Control Board. All the answer books for exams are disposed to the vendors with an undertaking that the waste would be recycled.
- The Animal Rescue and Rehabilitation drive with an NGO, named Vidyanagar Nature Club has been taken up by the students of Business Management.
- The university has laid now a policy to generate awareness, and facilitate and support eco-friendly initiatives and practices.

- E-publications spreading awareness about environment and eco-friendly ways are released by the Community Science Centre, Sardar Patel University.

### **Evidence of Success:**

(a) *Creation of another Green Belt:* The green belt spread across 15 acres of land at the Department of Biosciences, the satellite campus, houses 450 recorded species of various life forms, including 238 trees and plants (not a single fallen leaf is burnt), 17 reptiles, 93 birds, 67 butterfly, 47 insects, 72 spider species.

(b) *Environmental Education and Training:* This has been an integral part of teaching-learning and research practices through courses/units taught, outreach programmes conducted by Community Science Centre (Visits, Exhibitions, Competitions, Seminars, e-Publications Enhancing Environmental Awareness etc. Approximately 1000 programmes 2016-2021 reaching out to 1,00,000 people.), programmes broadcast at the Community Radio Station as well as efforts made by the faculty members and students through awareness initiatives in the nearby villages.

(c) *Research and Publication:* Agro-Economic Research Centre, an institute funded by the Government of India covering the states of Gujarat and Rajasthan, has undertaken research projects like Impact Analysis of Introduction of Renewable Energy Technologies in Five Tribal Villages of Gujarat and Working of Pressurised Irrigation Network System (PINS) in India in addition to spreading awareness among farmers. More than 100 research papers, 05 chapters in books and 03 books focusing on environment have been published by the faculty members. In the past five years, 5 PhD dissertations have also been guided. A patent on Natural Mosquitoes Repellent Formulation is filed by Dr Manish Kumar Sharma and Joy S Talati of the Department of Chemistry. One faculty member has also completed a Lead Auditor Course on Environment Management.

(d) *Green Practices:* Dedicated efforts and consistency in diligently followed practices have earned Sardar Patel University the status of the First Green University of Gujarat with a Platinum ranking by Green Mentors, a United Nations General Assembly (UNGA) recognized Research Organization. The university has been also conferred with a Green University Award 2021 at the 5th NYC Green School Conference 2021 organized by Green Mentors in association with Arizona State University on 24th September 2021.

### **Problems Encountered and Resources Required:**

Limitations of adequate land for creating a biodiversity park and trained manpower were the main issues of concern and the same are under consideration. The technical staff is finding alternatives to sensor-based – Light/motion responding outdoor lights to overcome their drawbacks. Necessary funding and manpower can escalate the effort of the university.

### **Notes**

Sardar Patel University has a vibrant mission to empower society through eco-friendly solutions. The university is committed to being a part of innovative sustainable education and development.

A Sardar Patel University Sustainable Innovative Education and Development Cell has been framed to work for proactive participation in the celebration of the UN decade of Ecosystem restoration 2021-2030.

File Description	Document
Best practices in the Institutional web site	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

## 7.3 Institutional Distinctiveness

### 7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

#### **Community Outreach and Extension Programmes**

- The mission of the university is the ‘regeneration of rural Indian life with the application of the study and the research in all the disciplines of knowledge in tune with the modern global developments’. With the support of the generous contribution of the philanthropist Shri Chandubhai Vakil, Ravipura village is adopted by the university.
- Various activities like Medical Camps, Awareness Programmes, Vocational Training and Life Skill Education Programmes, Skits, Exhibitions, Demonstrations, and Street Plays have been conducted by the university departments and the Centre for Gandhian Studies for the villagers and students of primary schools as well as the Anganwadi of the adopted village.
- Moreover, yoga sessions (Morning & Evening) conducted at the Sanskar Balwadi of the university contribute to the physical health of the community.

In addition to this, the university also contributes to the physical, mental, social, and intellectual health of the local community through **C C Patel Community Science Centre, Community Radio Station, University Museum and University Health Center.**

- **C C Patel Community Science Centre**

Community Science Centre is sponsored by the Gujarat Council on Science and Technology (GUJCOST) (Govt. of Gujarat) and is managed by Sardar Patel University since 2004. With the aim of “Taking science to people and Bringing people to science”, the objectives of this centre are (i) to celebrate various local, regional, national and international occasions related to science, and scientific discoveries, and (ii) to support Science and Mathematics education and enhance the scientific temper among the community. The young children are encouraged to make science models, and also take up research-based projects on various issues related to science and also to promote them to participate in the National Children’s Science Congress, the National Science Seminars, the Rural IT Quiz, and the National Science Drama Competitions, from district to national level. More than 9000 participants have benefitted through approximately 800 programmes from 2016 to 2021.

- **Community Radio Station**

The Community Radio Station with a coverage area of 8 km radius broadcasts Lectures, Debates, Panel Discussions, Traditional Songs, University News etc. which are produced by the university students/faculty

members /administrative staff / local community/guests. Many schools/ colleges visit the Radio Station to learn about the broadcast process.

During the pandemic time, the contribution of the Community Radio Station has been manifold. With the support from UNESCO for script development and translation, almost 65 broadcasts were aired. In collaboration with SMART, a New Delhi-based NGO, campaigning and awareness broadcasts related to Covid-19 issues/information/ Tackling misinformation were conducted for three months. During the pandemic time, efforts covered radio programming, Posters on Social media, community engagement (field visits), mobilizing community influencers, phone calls and messages, connecting communities with doctors and experts as well as broadcasting messages received from the district administration.

In addition to the jingle, the radio station promoted yoga in live sessions as well as often aired programmes that involved trained yoga practitioners or experts and the same complemented the Yoga Project. The Community Radio Station has also facilitated content recording for Book Talk Shows and NPTEL courses. In addition to this, it also offers a certificate course in Radio Jockey which is well received by the students.

- **University Museum**

The university museum preserves the rich historical and cultural legacy of Gujarat and India by upgrading museum galleries through new artefacts whenever possible and promotes awareness about the same by conducting various educational programmes.

Under the “Museum Awareness Program” various schools/colleges in and around Anand are invited to pay a visit to the museum. During such Museum visits, the students are given an orientation lecture by the Museum-Curator which is followed by a guided tour of the Museum galleries and a documentary show (available in English/Hindi). Around 7000 school/college students along with teachers have enhanced their knowledge through this initiative in the last five years. In addition to this, in collaboration with Gentle Discovery Institute, USA, the museum has also started organizing skill development workshops on the first and third Saturday of every month. Apart from this, the ongoing projects at the museum include digitisation and documentation of various collections. The museum, very effectively, made its appearance on social media. The activities on Museum’s Facebook Page have, especially, received a great response from many educational as well as professional groups/communities. 16 hand-outs, 17 special posters and 28 online exhibitions are the remarkable contributions of the museum in the year 2020-21 only.

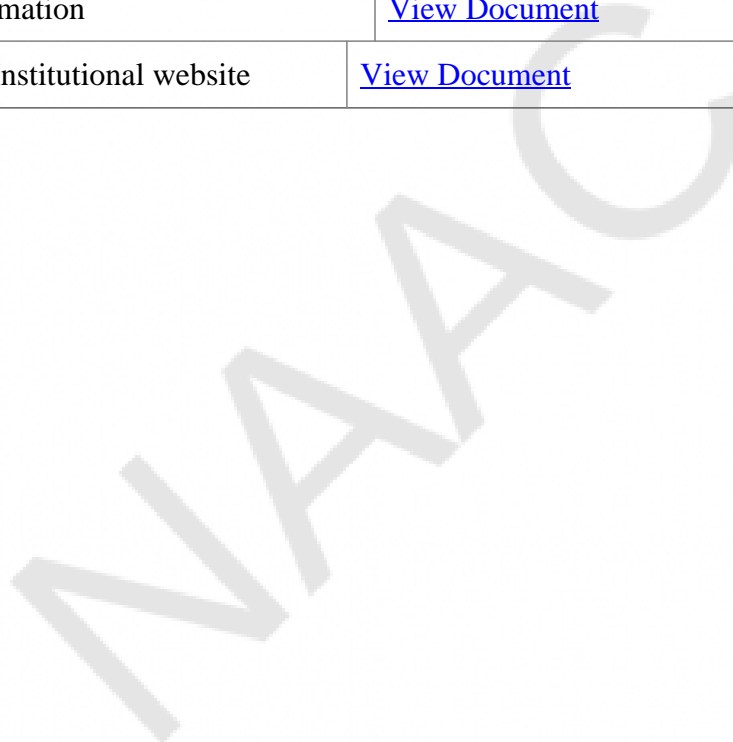
In the year 2021, Museum has released many online Quiz and Puzzle Series in which over 17,000 people across the world have already participated to date and eligible participants have received E-Certificates/Badge of Excellence on their email addresses. All Quizzes and Puzzles are live links and the number of takers is continuously growing. The quizzes and puzzles are about the Bhagavad Gita (released in four languages viz English, Hindi, Gujarati and Marathi), Shabdavali Puzzle (enhancing English language skills), ‘inquizeum’ Quiz (Indian History, Culture and Legends), LOGOmania Puzzle (General Knowledge) and “Sthapatya” Photo puzzle (Indian Monumental Heritage)

- **University Health Centre**

The University Health Centre provides primary health facilities to all the employees and students registered at the university. The health centre conducts Health Orientation Programmes and Health check-up camps. Ayurvedic decoction and Shamshamnivati were distributed among the community during the pandemic. To expedite the COVID-19 testing, the RT-PCR facility was made available within 10 days at

the behest of the Department of Health, Government of India. Approximately 2,228 testings were done from May 2021 to December 2021. The QR code embedded in the report proved extremely useful to the people travelling abroad for various purposes. The university was able to conduct offline examinations and could adhere to the academic calendar to a great extent during the pandemic time without a single covid case of the students. Much credit for the same goes to the care, precaution and preventive measures initiated by the University Health Centre. Thus, the incessant efforts of the university are a testimony to the fact that the university is true to its objective of rural resurgence through education and allied activities.

File Description	Document
Any other relevant information	<a href="#">View Document</a>
Appropriate web in the Institutional website	<a href="#">View Document</a>



## 5. CONCLUSION

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### Additional Information :

#### Motto

WE STRIVE FOR EXCELLENCE, FOR *EXCELLENCE MATTERS* !

#### Goal

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

### Concluding Remarks :

In continuous pursuit of excellence, Sardar Patel University has continued its journey during the present cycle of accreditation by many reforms that includes the compliance of major recommendations by the Peer Team in last cycle.

**Curricular aspects:** The syllabus has been revised with well-defined program outcomes, program specific outcome and course outcomes. Many new courses have been added taking into consideration the local, national and global needs. The courses on gender sensitization, professional development and life skills are also included. The provision for internship/project work is made across the programmes. The feedback from the stakeholders has been taken, analyzed and respective departments implemented most of the suggestions.

**Teaching-Learning Evaluation:** Since last cycle of accreditation, university obtained permission for filling of 101 faculty positions under different cadres and subsequently positions were filled. The classrooms have been ICT enabled and hybrid teaching mode is being pursued using several platforms such as MS Team, Google Classroom, Zoom, etc. The teaching materials including the slides of presentation shared online. The continuous evaluation followed by restructuring the question paper style are adopted to ease the pressure on the students during the pandemic. A total transparency in evaluation is followed.

**Research, Innovation and Extension:** A very conducive ecosystem is developed for research in terms of seed money, facilitation of sponsored research projects, research-based dissertations and newly setup SSIP for ideation and incubation. This resulted into high quality publications and citations. The extensive extension activities through our Community Science Centre, Radio Station and some of the departments are the hallmark of our university. Covid-19 related information, precaution and other issues are propagated through several online and offline programs.

**Infrastructure:** The augmentation of infrastructure in terms of creating new auditorium cum seminar halls at department level and one multipurpose huge auditorium at University level have been completed. An olympic

sized swimming pool is created for the use of students, faculty and citizens.

Fellowships and financial assistance are provided to needy students from government, NGO and university sources. Financial assistance is also provided to hospitalized COVID-19 victims besides other allowances to the employees.

NAAC

## 6.ANNEXURE

### 1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.3.4	<p><b>Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).</b></p> <p>1.3.4.1. <b>Number of students undertaking field projects or research projects or internships.</b> Answer before DVV Verification : 683 Answer after DVV Verification: 598</p> <p>Remark : Ph.D need to exclude</p>																				
2.1.1	<p><b>Demand Ratio (Average of last five years)</b></p> <p>2.1.1.1. <b>Number of seats available year wise during the last five years</b> Answer before DVV Verification:</p> <table border="1"><thead><tr><th>2020-21</th><th>2019-20</th><th>2018-19</th><th>2017-18</th><th>2016-17</th></tr></thead><tbody><tr><td>3301</td><td>3410</td><td>3106</td><td>2895</td><td>3165</td></tr></tbody></table> <p>Answer After DVV Verification :</p> <table border="1"><thead><tr><th>2020-21</th><th>2019-20</th><th>2018-19</th><th>2017-18</th><th>2016-17</th></tr></thead><tbody><tr><td>2097</td><td>2067</td><td>2046</td><td>1891</td><td>1956</td></tr></tbody></table> <p>Remark : Ph.D students to be excluded</p>	2020-21	2019-20	2018-19	2017-18	2016-17	3301	3410	3106	2895	3165	2020-21	2019-20	2018-19	2017-18	2016-17	2097	2067	2046	1891	1956
2020-21	2019-20	2018-19	2017-18	2016-17																	
3301	3410	3106	2895	3165																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
2097	2067	2046	1891	1956																	
2.4.4	<p><b>Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the last five years</b></p> <p>2.4.4.1. <b>Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies year wise during the last five years</b> Answer before DVV Verification:</p> <table border="1"><thead><tr><th>2020-21</th><th>2019-20</th><th>2018-19</th><th>2017-18</th><th>2016-17</th></tr></thead><tbody><tr><td>4</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></tbody></table> <p>Answer After DVV Verification :</p> <table border="1"><thead><tr><th>2020-21</th><th>2019-20</th><th>2018-19</th><th>2017-18</th><th>2016-17</th></tr></thead><tbody><tr><td>2</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></tbody></table> <p>Remark : Certificate appreciation cannot be considered as an Award.</p>	2020-21	2019-20	2018-19	2017-18	2016-17	4	0	0	0	0	2020-21	2019-20	2018-19	2017-18	2016-17	2	0	0	0	0
2020-21	2019-20	2018-19	2017-18	2016-17																	
4	0	0	0	0																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
2	0	0	0	0																	



3.4.3	<p><b>Number of Patents published / awarded during the last five years.</b></p> <p>3.4.3.1. <b>Total number of Patents published / awarded year-wise during the last five years.</b>            Answer before DVV Verification:</p> <table border="1" data-bbox="304 309 1046 443"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1</td> <td>1</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 521 1046 656"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1</td> <td>1</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	1	1	1	0	0	2020-21	2019-20	2018-19	2017-18	2016-17	1	1	1	0	0
2020-21	2019-20	2018-19	2017-18	2016-17																	
1	1	1	0	0																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
1	1	1	0	0																	
5.1.2	<p><b>Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.</b></p> <p>5.1.2.1. <b>Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years</b>            Answer before DVV Verification:</p> <table border="1" data-bbox="304 936 1046 1070"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>3408</td> <td>83</td> <td>207</td> <td>126</td> <td>298</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 1149 1046 1283"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>3408</td> <td>295</td> <td>525</td> <td>126</td> <td>928</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	3408	83	207	126	298	2020-21	2019-20	2018-19	2017-18	2016-17	3408	295	525	126	928
2020-21	2019-20	2018-19	2017-18	2016-17																	
3408	83	207	126	298																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
3408	295	525	126	928																	
5.2.2	<p><b>Average percentage of placement of outgoing students during the last five years</b></p> <p>5.2.2.1. <b>Number of outgoing students placed year - wise during the last five years.</b>            Answer before DVV Verification:</p> <table border="1" data-bbox="304 1480 1046 1615"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>112</td> <td>716</td> <td>26</td> <td>37</td> <td>28</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 1693 1046 1827"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>258</td> <td>92</td> <td>42</td> <td>49</td> <td>45</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	112	716	26	37	28	2020-21	2019-20	2018-19	2017-18	2016-17	258	92	42	49	45
2020-21	2019-20	2018-19	2017-18	2016-17																	
112	716	26	37	28																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
258	92	42	49	45																	
6.3.2	<p><b>Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.</b></p> <p>6.3.2.1. <b>Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during</b></p>																				

**the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3	20	17	16	25

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
3	21	18	16	24

**2.Extended Profile Deviations**

**Extended Profile Deviations**

No Deviations