SELF STUDY REPORT

FOR

3rd CYCLE OF ACCREDITATION

SIR P. T. SCIENCE COLLEGE

SIR P T SCIENCE COLLEGE DHANSURA ROAD COLLEGE CAMPUS MODASA
DISTRICT ARAVALLI
383315
www.sirptsciencecollege.org

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

June 2024

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Sir P.T. Science College, located in the heart of Modasa city in Aravalli district is cherishing under the aegis of The M.L.Gandhi Higher Education Society, Modasa established by the great visionary and Freedom fighter Shri Mathurdas Laljidas Gandhi in 1960.

Since the first NAAC accreditation in 2007, the institute consistently maintained quality and achieved 'B' Grade in subsequent assessments in 2007 and 'B++' with 2.79 in 2016 respectively. It has earned the status of A Grade in AAA by KCG in 2017 and A Grade in AAA in 2024. It is included in sections 2(f) and 12B of the UGC Act 1956.

The college campus has physical expanse in the area of 18.29 acres housing ICT inducted lecture theatres, independent UG, PG and research laboratories, stand-alone library, huge multipurpose hall, on-campus accommodation for girls and boys, gymnasium, Play Grounds, exclusive basketball arena, Student Start-up and Innovation Policy under 'Shodh' incubation Centre, hygienic canteen, Staff quarters, BAOU and IGNOU study centre, Botanical garden etc., gives conducive and encouraging ambience to the students and faculties. District Community Science Centre is also located in our campus which runs under institute.

The institution is imparting education for B.Sc., P.G. and, Ph.D. programs with Thirty-five Add on Courses including Career Oriented programmes sanctioned under the scheme of KCG are housing thousands of the students. The novel knowledge ecosystem flourished in the institutions stemmed in significant outcomes of the research contributions in terms of the publications, patents, projects and innovations. Extension and Outreach activities, internships, industrial tour, exchange programmes are the fruits of the Collaborations and MOUs.

This was the challenge addressed by the founding fathers of Sir P. T. Science College who decided to open the windows of Higher Education to the children of the poor downtrodden, rural masses majority of whom belonged to the Tribal community and other backward classes.

The geographical situation of the college was favourable for students from two states namely Gujarat and Rajasthan, since it is functioning just 20 km from the borders of Gujarat, the neighbouring state. We do share the rich Gujarat culture and heritage and mix it with the vivid nature of Rajasthan culture. Accordingly, it became a college with bilingual cultural ethics of both Gujarat and Rajasthan Thereby contributing much to the sense of national integration and fraternity of linguistic and racial minorities.

The college started with only UG program with approximate 100 students and now it is offering five UG Courses and 3 PG courses and also two Ph.D. courses with student strength of 705 and with faculty strength of 25.

Vision

OUR VISION

To inculcate the students to analytical and compassionate, intellectually aspirant and reflective

synthesizing scientific temperament with humanistic wisdom and ethical values that builds spirit of humanity.

Mission

OUR MISSION

To provide students with an environment for the all-round development of their mental, physical, aesthetic, social, and spiritual potentials, together with the attitudes of integrity, hard-work, honesty, fairness and tolerance, so that they give of their very best. Excellence in these fields is to be interpreted in terms of putting the skills developed in each at the service of the socially discriminated groups in our country with a view to setting up a society where all have equal opportunity as children of god.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- UGC 2(f) and 12(B) Recognition
- Supportive Parent management with high academic and research interest and social priority.
- Proactive, qualified, experienced and experimental teaching faculty holding important positions in the authorities of affiliating universities and NGOs as well.
- Motivated, inspired and meritorious students (Inspire Fellows).
- Experienced and dedicated technical and non-teaching staff.
- Strong emotional bondage between students and faculty.
- State of Art facilities in smart classrooms, equipped laboratories and library.
- Sufficient Research facility with necessary instruments for research scholars in college.
- Patents granted to the faculty members.
- Nurture the innovative ideas of the students; a dedicated "Science Innovation and Activity Centre" is available.
- On-campus accommodation facility with Gymnasiums for girls and boys.
- Complete Chain of courses from BSC to Post PG (research) is available under one roof.
- Enrolment of the good number of students to Add on and Value-added Courses conducted by college shows a preparedness to enter into the new methodologies envisaged in Blended Mode of Learning proposed by UGC.
- Comprehensive use of ICT by teaching faculty makes learning a joyful experience.
- The significant blending of pedagogies by maximum teachers to conserve democratic participation of the students in the classroom.
- One of the very few institutes encasing the benefit of the CBCS scheme to earn additional credits for students by providing them "General Interest Courses".
- NEP-2020 is implemented.

- Lush green, hygienic, and huge campus with the maintenance of the diversity of the flora and fauna.
- Noteworthy active collaborations and MoUs with the teaching, research, industrial and non-government institutions.
- Institute have 'Sandhan Classroom' which provide Online Learning Resources from Swayam, NPTEL, Amrita Virtual Lab, etc.
- BAOU, IGNOU study centre are availed in the campus.
- Green Audit, Energy Audit, Laboratory Waste management regularly carried out.
- Excellent **Sports and Physical Fitness** enhancement amenities.
- Sports and Cultural activities earned the topmost position in the University.
- Active **PTA** and **Alumni** Network with constructive support.
- **20KW solar** energy plant, Rain water harvesting.
- **Career and placement Cell** with result-oriented trainings and employability enhancement programmes matching industry requirements.
- **Innovation eco system** promoting start-ups, ideations, and entrepreneurships.
- Cells, Forums, Clubs, NCC, NSS, etc.

Institutional Weakness

- Limited scope for revisions and modifications in the curriculum and examination reforms at institute level due to administrative set up of the University.
- The **non-availability of industries** in the nearby area compelling us to take the students to distant towns for their industrial visits and apprenticeship.
- Alumni Association needs strengthening in terms of financial support from alumni and eventual provisions from the institute in general and students in particular.
- Extension activities need regional expansion to receive recognition at the state and national level.
- Single faculty Science College has limitations to offer skill components in linguistics and communication to the greater level.

Institutional Opportunity

- **Diverse Demography** which reflects multi lingual, migrant, Tribal and downtrodden communities.
- **Rural learners** are able to explore **international exposure** and career opportunities.
- **Student Start up and Innovation Policy** under Shodh incubation Centre working under college is the most prospective platform to bring innovative ideas of the students and the faculties to reality and scale them up
- The addition of the new faculties in almost every department will lead to the conception of interdisciplinary research
- MoU established with various associations will be concretised by offering Internships and Student Exchange Programme.
- Transformation of the ICT classrooms into the smart classrooms to enhance the enjoyable experience in the learning process
- Legacy of the excellence in Cultural Activities will be uplifted to the State and National Level
- Incorporation of dedicated schemes under Career Counselling and Entrepreneurship Development Cell to produce more employer as well as employable graduates
- Participation of the motivated faculties in workshops/training programmes at the National and International levels will cater resourcefulness to them

- The experimental aptitude of the faculties will make very affluent gelling into the forthcoming transformations due to enforcement of the **NEP-2020**.

Institutional Challenge

- Decreasing attendance in the classrooms due to excessive emphasis on online education and overuse of the digital gadgets.
- Lack of orientation among rural parents about the relevance of higher education and career.
- Opportunities Incorporation of changes or addition of the Skill Components in the existing curriculum devised by affiliating University.
- Placement for the students with the graduate degree with Basic Sciences.
- Costs applicable to publish research papers in the journals indexed in the Scopus/Web of Science, etc.
- Research in the fundamental aspects of the sciences may not lead to the Patents.
- Sustainability of the Science Innovation and Activity Centre due to paucity of funds.
- Attracting international students due to regional limitations.
- Tracking the progress of the students after completing their education at the institute is difficult.
- Receiving the donations from the alumnus, philanthropists and making provisions of the scholarships.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

- As an affiliated College of Hemchandracharya North Gujarat University, the College has to follow the syllabi prescribed by the University for the Courses offered in BSc, M.Sc. and Ph.D. programmes.
- Six members of our faculties are in BoS/Academic Council/ NEP 2020 to remodel the curriculum in various disciplines.
- The College has an effective mechanism to implement the curriculum designed by the affiliating University.
- To complement the curriculum and keep in touch with the current trends, efforts are made by individual departments through Seminars, Workshops, Guest Lectures and Term Papers. Remedial Courses are offered to the weak students.

- **Curriculum Delivery**

- Academic calendar, master time table and monitoring committees for effective curriculum delivery.
- Continuous evaluation through class tests, seminars, assignments and projects.
- Coaching for CSIR/UGC/NET and Civil Service examinations.

- The college offers 6 (1 UG 3 PG and 2 Ph.D.) programmes out of the new and 1PG programme have been introduced during the post-accreditation period.
- Choice Based Credit System (CBCS) and semester system have been implemented in all programmes. New more than 35 courses have been introduced during the last five year.
- In UG and PG Programmes, professional ethics, communicative skills in different languages taught in the college, promotion of self-learning group studies, vocational training, transferable life skills, add-on courses/programmes, educational tours and fieldwork occupy a significant place under general studies.
- Experimental Learning, Problem Solving, Practical and Communicative Skills, Computer Knowledge,

General Awareness and Women Issues also receive emphasis in dealing with the Curricular Aspects.

- Eco-Sensitive and Sustainable Development.
- Environmental and Gender awareness programmes.
- Sustainable development research Soft skill/Life skill courses.

- Value Based Education

- Ethics- Value - based curriculum.
- Extension promoting extracurricular and social outreach activities.
- Youth festivals, NCC, NSS for the holistic development of students.

- Feedback on syllabi online collected from parents, alumni, students and teachers and analyzed. The report is uploaded to the College website.

As college is situated in a rural area, most of all students enrolled from surrounding villages. The admission procedure is online strictly according to merit basis as per reservation norms of government. The average percentage of enrolment is 80% against sanctioned seats. 37% of the enrolled students are from socially and economically backward categories. The rate of enrolment found in ascending order during the last five years.

Catering Student Diversity:

- The institution has a systematic mechanism to assess the learning level of the students. Each department identifies slow, average and advanced learners.
- Student-centric and collaborative learning strategies are employed.
- Organizing scholar programme and activities for advanced learners.
- Additional skill acquisition activities for improving employability skills.
- Special coaching for civil service and NET aspirants.
- Scholar Support Programme and senior student counselling system for slow learners.
- Remedial coaching and revision session for practical.
- The average full-time teacher-student ratio is 1:28.2.

Teaching-learning and Evaluation

- **Teaching-Learning Process:**

- Use of Student Centric Methods such as experiential learning, participative learning and problem solving methodologies are used through various curricular and co-curricular activities.
- All teachers using ICT tools for effective teaching.
- Study materials, question papers, ppts, assignments, video lectures are made available through INTRANET Facility, College Website and Android App.
- Mentor support is provided.
- Seminars or invited talks by expert and alumni.

- **Teacher Profile and Quality:**

- The Average percentage of full-time teachers is 95% against sanctioned posts.
- Out of the average 72% of teachers are with Ph.D. degree and having average teaching experience of 20 years.
- Fulltime teachers have received 2 awards/recognition during the last five years.

- **Evaluation Process and Reforms:**

- Continuous Internal Evaluation and End Semester Evaluation adopted as per University Guideline following the academic calendar.
- Exam related grievances mechanism is transparent, time-bound and efficient.

- **Student Performance and Learning Outcomes:**

- The results of college in exams are higher than university result.
- The average passes percentage of college students in March-April Exam is 74%.
- Course outcome is evaluated through feedback, Continues Internal Assessment (CIA) and Comprehensive External Examination (CEE).
- IQAC largely involves maintaining a harmonious academic environment.

Research, Innovations and Extension

Research and Innovations

- Our institution gives prime importance to research, innovation and extension activities along with Teaching-Learning process.
- The institution has created a healthy environment for research and innovation and facilitates teachers with all types of research facilities.
- The Research committee upholds ethics in research activities and encouraged teachers for interdisciplinary collaborative research work with social commitment.
- Five teachers are recognized Research Guides of the affiliating University.
- Seven Ph D students have been awarded within five years.
- During the last five years, two Books/Chapters have been published and more than Forty research papers were published in national, international and peer-reviewed journals.
- The research project included in curriculum and promotion of research aptitude through PG dissertations, Modern labs, instruments.
- Institute promote through SSIP and Shodh Incubation Centre etc.

Extension Activities

- The institution gives importance to the holistic development of students, engaging them in extracurricular and extension activities, through NSS, NCC, Science Circle, CSC,SSIP and Shodh Incubation Center etc.
- Gender sensitization programs including debates and seminars Science awareness campaigns and exhibitions, planting of trees, campaigns for the plastic free and green campus, Save energy campaign, Inter-departmental, Quiz and PPT Competition, Energy and Green Audits, Swachh Bharat Abhiyan,

Aids Awareness and stress management programs, blood donation camps, Counseling services.
- National level participation in NCC, NSS and Sports activities. Many activities under collaboration and linkages with educational institutions, Industries, government and nongovernment bodies/agencies and NGOs.
- More than 27 Functional MoUs have been signed with Educational Institutions and Industries during the last five years. Many academic, research and extension activities were done under these MoUs.

Infrastructure and Learning Resources

- The Institution has a beautiful campus with 18.29-acre 7423 acre of land.
- The institute has Well Furnished computerized administrative office along with Separate ICT enable cabin of the principal.
- 13 Wi-Fi and ICT enabled classrooms for Academic activities.
- Digital Education and Learning Laboratory (DELL) with 109 computers and Math's Computer Laboratory with 22 computers with LAN and internet facility and interactive board.
- A well-furnished fully automated library with Carpet area 1857 Square feet and has adequate reading space for 70 students at a time.
- 12 well equipped laboratories for Chemistry, Physics, Botany and Microbiology subjects.
- Well-equipped seminar hall with 200 seating capacity facilitated with LCD Projector, Inter active Board, Digital Podium.
- Campus is Wi-Fi enabled with 100 MBPS Speed.
- Campus canteen facility, adequate number of washrooms, NCC office, NSS office, Girls room, Community Hall, Girl'shostel, Boys Hostel and Mineral Water Facility.
- Chemistry Research Lab with sophisticated instruments.
- Herbal Garden and Biology Museum with various rare specimens.
- Separate spacious playground with indoor-outdoor stadium for sports activities.
- Underground tank for water storage under rain water harvesting scheme.
- separate badminton court in college campus.
- The college has Dynamic Website, NAMO Wi-Fi Campus INTRANET Facility and GTPL broadband connectivity.

Library as a Learning Resource

- The College has a good collection of about 18632 books.
- The library subscribes 25 Periodicals, Magazines and Research Journals and 7 Newspapers.
- The college has a membership of INFLIBNET N-List consortia for many years and provides access to thousands of e-resources which provides more than 6,000 online Journals and 195800++ e-books.
- The library is automated using integrated library management software SOUL 3.0.

- Separate reading room with ICT enabled facilities and plug-in facility for laptop.
- A wide repository of books, journals, CDs, newspapers, rare books, eresources etc.
- The college provides old paper sets of University as well as College exams Dissemination of new arrivals
- There is a well-organized mechanism for Maintenance of Campus Infrastructure.

Student Support and Progression

Student Support:

- The College offers an ideal environment for students, to excel in academics and to imbibe cultural,moral and social values.Strong student-support mechanisms are developed to strengthen the curricular and extracurricular capabilities of students.
- Average 53.37 %(4 years) of SC, ST, OBC, EBC and PH students benefited by scholarships and free ships provided by the Government.

Capability enhancement and development schemes:

- Training and guidance for competitive examinations
- Career counselling-**Placement cell** and **UDISHA**
- Soft skill development workshops- **DELL lab and Computer Lab**
- Communication Skill enhancement by**Finishing School**
- Yoga and meditation
- Personal Counselling-Mentoring System
- About 66.89% of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years.
- The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases. The college has Grievance Redressal Cell, Anti Ragging Committee, Discipline Committee and Collegiate Women Development Cell for this purpose.

Student Progression

About 39.96% of students go to higher studies, 39.96% invarious jobs, and there stof the farming and self-employment

- 19 students have qualified for State-level SLET, TET, TAT, etc.competitive examination for government services

Student Participation and Activities

- TheCollege has a policy for the dynamic participation of the students in various academic and administrative committees for creating leadership roles, organizing events teamwork, execution skills.
- Our college organizes various Sports and Cultural activities. The College has excellent track records in Sports competitions. Every year, fair numbers of students' secure prizes for Arts and Sports at University and State level competitions.
- Physical Education Department,Cultural Activity Committee,NSS,NCC, CWDC,SSIP extend the support in co-curricular activities.

AlumniEngagement

Sir P T Science College Modasa Virtual Alumni Association contributes significantly to the development of the institution through financial and non-financial means. Alumni meeting is held annually

Governance, Leadership and Management

- The organization has its mission and vision quality policy and successful strategic plan.
- Decision- making is done well within the organizational hierarchy through a democratically optimal participatory and decentralization process there is a great saying that "Coming together is the beginning, Staying together is Progress and workings together is Success.

So, it's about teamwork to reach success our management strongly believes that "Good governance is at least governing through good governance", Visionary leadership and sound management keeping in mind the mission-vision and goals-objectives of our institution, IQAC carefully designed the quality policy and plans of the institution.

- IQAC consists of management, principle, faculty members, students, alumni and academician. Formulation of policies and plans of the Institution is monitored and evaluated by IQAC.
- Principal forms various committees for implementation of plans and policies of the institution. To develop leadership at the student level., student representatives are also encouraged and to manage co-curricular and extracurricular activities are nominated for IQAC.
- IQAC conducts academic audit of all departments prepared IQAR and participate in AAA, GSIRF.
- IQAC also organize awareness program workshop on NAAC methodology for teachers, students and other colleges IQAC plays a key role in ensuring and enhancing quality. It conducts teaching- learning assessment and evaluation analyses feedback from stakeholders.
- The college has a system of SWOC analysis, which helps staff to evaluate themselves, accordingly they are given encouragement, suggestion and praise.
- The college regularly organize professional development/ administrative programs for teaching and non-teaching staff.
- IQAC focused on Research and innovation and ICT facilities in the college
- The institute has effective welfare measures for teaching and non-teaching employees. we have a very good staff credit society which helps our staff a lot.
- Every year financial audits are carried out by internal and external agencies with audit reports prepared by Charter Account. Thus, through this means and measures the institution strives to achieve its goal and objectives for the betterment of its student and stakeholders.

Institutional Values and Best Practices

- The overall environment of the college is safe and secure for females in all respects. The girls' students and the women staff getre spect,equal rights and opportunities in the academic and administrative sections.
- College conducts audits on its activity related to environment, energy, gender equity and green campus.
- The Institution has facilities for alternate sources of energy and energy conservation measures like installation of Solar Energy Unit.
- Water conservation facilities in the Institution include Rainwater Harvesting, Open-Well Recharge, efficient maintenance of water bodies and distribution system in the campus, etc.
- The college organizes events on cultural, regional, linguistic, communal socio-economic issues for all its stakeholders.
- The students of the college are sensitized towards the values, rights, duties and responsibilities of citizens by organizing various events.
- In order to inculcate values of patriotism, national integrity, social harmony and self-respect among the

young students of the college, and also to make them aware of our rich cultural traditions, the college organizes and celebrates national and international commemorative days, events and festivals by forming various committees.

- Divyangjan-friendly facilities are available in the institution.
- Inclusive practices of the institution to impart holistic education are inherent in the system. They are trained to be men and women of competence, commitment, compassion and conscience. Equity and access in availability, special attention to the weaker sections and representation of women in all aspects ensure the promotion of social justice. Social work and outreach activities, assistance to disaster victims, an adaptation of villages for rehabilitation work and educational assistance, blood donation camp etc. inculcate value based social responsibility and good citizenship amongst the student community.
- Under celebratin Azadi ka Amrut Mahotsav our faculies promte udayam cogent Panch Prkalp project in Aravalli District
- **Two Best Practices are:**

- **Best practice 1: Initiative Name: "Green Science: Empowering Sustainability"**

   Best practice 2: Science for Community CSC (Jilla Lok Vigyan Kendra, Aravalli)

- **Institutional Distinctiveness**
-
- **TO IMPROVE STUDENTS' CREATIVITY THROUGH SSIP…**

   (A Journey to become Entrepreneur)

 The institution continues to end eavor for the enrichment of the society by spreading   science.The institution is making maximum use of modern technology in the field of education and administration. The institution does various activities through SSIP and SHODH Incubation center.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	SIR P. T. SCIENCE COLLEGE
Address	Sir P T Science College Dhansura Road College Campus Modasa District Aravalli
City	Modasa
State	Gujarat
Pin	383315
Website	www.sirptsciencecollege.org

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal	K P Patel	02774-246410	9408064680	02774-246410	sirptscience127@gmail.com
IQAC / CIQA coordinator	G L Vekaria	02774-245485	9428063766	02774-245485	glv2008@yahoo.com

Status of the Institution	
Institution Status	Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

State	University name	Document
Gujarat	Hemchandracharya North Gujarat University	[View Document](#)

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	02-04-1988	[View Document](#)
12B of UGC	02-04-1988	[View Document](#)

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus

Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Sir P T Science College Dhansura Road College Campus Modasa District Aravalli	Rural	18.29	7423

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BSc,Chemistry,	36	H Sc	Gujarati	132	94
UG	BSc,Botany,	36	H Sc	Gujarati	90	25
UG	BSc,Mathematics,	36	H Sc	Gujarati	62	41
UG	BSc,Physics,	36	H Sc	Gujarati	30	0
UG	BSc,Microbiology,	36	H Sc	English	66	66
PG	MSc,Chemistry,	24	B Sc	English	55	55
PG	MSc,Botany,	24	B Sc	English	50	17
PG	MSc,Physics,	24	B Sc	English	44	14
Doctoral (Ph.D)	PhD or DPhil,Chemistry,	36	M Sc	English	17	4
Doctoral (Ph.D)	PhD or DPhil,Botany,	36	M Sc	English	14	7

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				**Associate Professor**				**Assistant Professor**			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	1				6				13			
Recruited	1	0	0	1	6	0	0	6	7	5	0	12
Yet to Recruit	0				0				1			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				6			
Recruited	0	0	0	0	0	0	0	0	2	4	0	6
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				30
Recruited	8	0	0	8
Yet to Recruit				22
Sanctioned by the Management/Society or Other Authorized Bodies				14
Recruited	11	2	0	13
Yet to Recruit				1

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				2
Recruited	1	0	0	1
Yet to Recruit				1
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	8	0	0	3	4	0	16
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	1	0	0	1	1	0	3
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
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	2	0	2
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	2	2	0	4
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
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

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	0	0	0	0

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	255	0	0	0	255
	Female	270	0	0	0	270
	Others	0	0	0	0	0
PG	Male	64	0	0	0	64
	Female	105	0	0	0	105
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	5	0	0	0	5
	Female	6	0	0	0	6
	Others	0	0	0	0	0

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Provide the Following Details of Students admitted to the College During the last four Academic Years

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	19	17	19	24
	Female	13	16	18	19
	Others	0	0	0	0
ST	Male	16	29	32	30
	Female	14	23	13	23
	Others	0	0	0	0
OBC	Male	79	93	86	115
	Female	99	119	97	109
	Others	0	0	0	0
General	Male	26	36	26	45
	Female	28	58	63	85
	Others	0	0	0	0
Others	Male	1	3	2	3
	Female	0	1	3	4
	Others	0	0	0	0
Total		295	395	359	457

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	• AS per our affiliating University Hemchandracharya North Gujarat University, NEP implemented in our institution from academic year 2023-24, according to UGC The National Education Policy (NEP) 2020 • Under NEP programme students have given more flexibility to take admission in any inter-disciplinary courses to study their degree courses. • Major Course (MJDSC): A course, which should compulsorily be studied by a candidate as a core requirement is termed as a Major Discipline specific course. • Minor discipline (MiDSC) helps a student to gain a broader understanding beyond the major discipline. • Multidisciplinary Course (MDSC): Generally,a

	course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/ subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency /skill is called an Elective Course. • Interdisciplinary Course (IDSC) Course: Elective courses may be offered by the main discipline/subject of study is referred to as Discipline Specific Elective. The University/Institute may also offer discipline related Elective courses of inter disciplinary nature (to be offered by main discipline/subject of study). • Students orientation programme arranged by institute for NEP2020 • 2 faculty members of nominated by vice chancellor and actively participated at university structure design for NEP2020. • 6 faculty members actively participated design syllabus framing for NEP2020
2. Academic bank of credits (ABC):	• AS per instruction of our affiliating University Hemchandracharya North Gujarat University, ABC , implemented in our institution from academic year 2023-24, • The ABC platform is a virtual repository or credit database built along the lines of the National Academic Depository, created and maintained by the Ministry of Electronics and Information Technology, that would "store" the credit scores obtained by students in an online platform. Students will have their own accounts, each with their own ABC ID, as well as a dashboard where they can track their credit accumulation, transfer requests, and credit history. Students can also perform credit transfer initiation requests and a follow-up view request status effectively, just like in a traditional bank. In a nutshell, the ABC will make it easier to recognize, transfer, and redeem credits. • Student's orientation programme arranged by institute for ABC ID. • 100% students of the institute registered ABC ID. Details of Digi Locker & ABC Coordinator of Affiliated College Sir P.T.Science College, Modasa College Campus, Dhansura Road, Modasa 383315 Modasa Aravalli Higher GIA Dr.Kiran N.Darji darjikiran@gmail.com 9275159852
3. Skill development:	• Ability Enhancement Courses (AEC): Environmental Science, English Communication/MIL Communication are mandatory for all disciplines. • Skill Enhancement Courses

	(SEC): These courses may be chosen from a pool of courses designed to provide value-based and/or skill-based instruction. • Value Added Courses (VAC):These courses may be chosen from a pool of courses designed to provide value-based education course instruction. The Proposed new courses in chemistry for under graduate classes are reassigned in accordance to semester/ CBCS/ Grading system with new education policy. The new course is based on model curriculum of the university grants commission. • As per demand institute offer add on courses
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	The biggest challenge is to integrate students to acquire inclination for learning new language and adapting culture also. The institute has SCOPE DELL lab. SCOPE: Society for Creation of Opportunity through Proficiency in English, a program in collaboration with Knowledge Consortium of Gujarat and Cambridge Esel University, UK is meant to develop four communicative skills LSRW. This aims to help students for acquiring their English functional skills and communication skill which is inevitable for youth of today.
5. Focus on Outcome based education (OBE):	The College has implemented New Education policy from the current academic year. However, the College is affiliated to Hemchandracharya North Gujarat University, Patan, Gujarat. The University frames the Curriculum of all the subjects to be delivered in the affiliated institutions. The Curriculum of all Semester papers has Specific objectives. The micro planning of teaching in the class, internal evaluation methods and term papers writings are given to the students. Every year our College organizes Industrial visit to provide practical learning to the students. The college is also giving equal opportunity to groom professionally by offering Finishing School training to the final year students to enhance their employability skills. The college is constantly focusing on practical learning based education. As the College is affiliated to North Gujarat University, we are abiding to follow the further planning to follow Outcome based education guided in New Education policy.
6. Distance education/online education:	The institution has installed LCD projector/ TV with DTH in SANDHAN classrooms to increase the

participation and involvement of students in the subjects taught by the teachers concerned. Since 2011, the college has facility for live telecast of BISAG (all Gujarat integrated classroom) online lectures on different subjects are made available to the students of Gujarat by the Commissionerate of Higher Education, Government of Gujarat. The faculties of our college have delivered lectures at BISAG. Institute faculty member's renders volunteer service as a resource person at BISAG. Students participates MOOC/ Swayam/IIT Kanpur online courses ICT enabled online classes support advanced learning through platforms like Microsoft Teem, Google meet, Google class room played vital role during Covid 19 pandemic.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yes, Sir P T Science College Electoral Literacy Club (ELC) has been set up in the College. The Electoral Literacy Club (ELC) regularly organizes the Voter Awareness program.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Yes students' coordinator and coordinating faculty members are appointed by the College and the ELCs are functional. The ELCs are representative in character. Also Every Faculty is allotted Voting Duty at particular areas given by Government during Election timing.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	The Electoral Literacy Club (ELC) regularly organizes 1. Voter Awareness program 2. Awareness in near by Villages through NSS and NCC Team Click here ----> https://youtu.be/HlBDDMiMuM8?si=IGB52Txt7PhOimte
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to	The college is firmly believes in awareness drives related to electoral content. The college regularly invites few official people for expert talks on Voting awareness.

advancing democratic values and participation in electoral processes, etc.	
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	The College keeps Voter awareness program under the Election Department and motivate students to get them registered.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
824	944	1137	1484	1633

File Description	Document
Upload Supporting Document	[View Document](#)
Institutional data in prescribed format	[View Document](#)

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 31

File Description	Document
Upload Supporting Document	[View Document](#)
Institutional data in prescribed format	[View Document](#)

2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
25	19	19	21	21

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
14.28702	62.63848	30.04483	39.81276	31.90901

File Description	Document
Upload Supporting Document	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

The Institution ensures effective curriculum delivery through a well planned and documented process including Academic calendar and conduct of continues internal Assessment

Sir P T Science College is affiliated to the Hemchandracharya North Gujarat University, Patan and follows the University designed curriculum. The college innovates within these established academic structures, committed to providing holistic development for its students. It operates at UG and PG level keeping in mind goals and objectives that is to make the students employable through holistic education and skill development.

- **Academic Council** of the institution prepares **annual plan** and **academic calendar** in tune with university calendar is to be implemented every year.
- **IQAC** ensures the planned and structured **implementation** of the curriculum.
- **Semester configuration** and format of **lesson plan** prepared by IQAC distribute to departments.
- **Department Meetings** review previous results and finalize subject allocation, time table, forum coordinators, and department annual plan.
- Department categorises the students as **slow** and **advanced learners**. Slow learners are supported with remedial classes, bridge classes, bilingual explanations, individual counselling and mentoring.
- **Advanced learners** are made engaged in peer teaching, seminars, and presentations.
- Department maintains **E-study materials** and **question bank**.
- Students are rewarded with **a SRC membership** on the basis of their curricular and co-curricular performance. The **best performing student** selected by academic council is rewarded with cash prize and gold medal.
- Industry-relevant **add-on and certificate courses** are offered in association with government and corporate agencies.
- **Internship, industrial visit, student exchange, and project work** are for effective curriculum dissemination.
- Department keeps **student profile, academic record, and discipline records**.
- **'Skill based program'** has been organized which helps in polishing, promoting and fine-tuning the skills.
- Effective curriculum delivery is ensured by implementing a Lesson Plan Manual which is designed adhering to the bench marks of **Outcome Based Education** (OBE).
- IQAC takes **360 degree feedback on curriculum** to ensure the quality of pedagogy and an efficient content delivery.
- During pandemic, pedagogy switched to **virtual platforms - Google meet Microsoft team**

(Education department Government of Gujarat) well planned schedule.

- To promote innovation **Sir P T Science College, Modasa** developed own ecosystem **SHODH** incubation centre, adopt Student Start up Policy SSIP, innovation Club with recognition 'A' Grade Rank.
- Apart from the regular class hour's, **additional hour** is allocated for the Library, Physical Education Training, Communicative English, Quantitative aptitude and logical reasoning and Forum activities.

- **CONDUCT OF CONTINUOUS INTERNAL ASSESSMENT (CIA)**

The Academic Council and Exam Cell of the institute prepare the components for Continues Internal Assessment (CIA) based on the university norms. It conducts two internal exams and a model exam prior to the university semester examination. The internal examinations are conducted by the department and the model and semester examinations are conducted by the Exam Cell. In addition, students are assessed based on their writing skills, presentation skills, attendance, etc.

The CIA results will be discussed in the Academic Council meeting and the same is communicated to the students and parents.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 52

File Description	Document
List of students and the attendance sheet for the above mentioned programs	[View Document](#)
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Evidence of course completion, like course completion certificate etc. Apart from the above:	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Other Upload Files	
1	[View Document](#)

1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 90.32

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
861	797	967	1305	1509

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.3 Curriculum Enrichment

1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Response:

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

The Sir P T Science College affiliated to Hemchandracharya North Gujarat University, Patan. The University designed curriculum on the basis of gender, environment and sustainability, human values and professional ethics. The core courses having ethical value will be a part of value education leading towards sensitizing the students on the values of life and preparing them for life.

Gender equality is an important human right. Our constitution gives equal rights to man and woman apart from their gender. Following generic courses regarding Gender Equality are introduced in our curriculum to aware UG students.

GENDER SENSITIZATION:

·Gender-Equity related programmes are conducted in the institute under WDC.

·The Women Development Cell attends to all needs of girl students, thus reducing gender disparities (if any) and ensuring the privileges of girl students.

·Admission-Policy of the college is gender-neutral.

·A happy and safe environment is ensured especially for girls to empower and mould them for the betterment of themselves and society.

·The institution celebrates important days related to women and their achievements.

·Orientation sessions for boys on gender-equity.

·NSS volunteers engage in palliative-care and cleaning drives in the nearby government schools

Environmental studies are very important nowadays. The need for sustainable development is key to the future of mankind. Continuing problems of pollution, loss of forest, solid waste disposal, degradation of the environment, issues like economic productivity and national security, Global warming, the depletion of the ozone layer and loss of biodiversity have made everyone aware of environmental issues. It is clear that no citizen of the earth can afford to be ignorant of environment issues. Even our ancient scriptures have emphasized on practices and values of environmental conservation following generic courses regarding Environment and Sustainability are introduced in our curriculum to educate UG students.

ENVIRONMENT AND SUSTAINABILITY, ENVIRONMENTAL SCIENCE

Courses related to Environmental Studies and Disaster Management are included in the curriculum. The 'Nature Club' conducts seminars, workshops, and awareness activities such as 'World Environment Day' observations to spread awareness. The NSS and 'Nature Club' ensure 'green campus' maintenance under 'Clean campus - Green campus'. No to Plastic: Plastic is strictly prohibited in

campus. Green and Energy Audit is conducted on a regular basis

In the CBSC pattern, University introduces various Skill Enhancement courses as compulsory generic subjects. Following Professional ethics and Human value added courses are offered to UG students:

- Personality Development
- Communication skill
- Finishing School

Following core courses on Human Values and Ethics are also offered to UG students of the College:

- Human Rights
- Shreemad Bhagvat Geeta
- Stress Management
- Indian Constitute
- Naturopathy
- Environment Science
- National Service Scheme - NSS
- Moral Science Ethics & Social Responsibility
- Natural resources
- Yoga And Wellness

The curriculum is designed to address/create awareness in students towards realizing self and effects of right understanding, to lead a practical life adding values to Haman relations and also fulfilling social responsibility.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 49.76

1.3.2.1 **Number of students undertaking project work/field work / internships**

Response: 410

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.4 Feedback System

1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: C. Feedback collected and analysed

File Description	Document
Feedback analysis report submitted to appropriate bodies	[View Document](#)
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	[View Document](#)
Action taken report on the feedback analysis	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 72.37

2.1.1.1 **Number of seats filled year wise during last five years (Only first year admissions to be considered)**

2022-23	2021-22	2020-21	2019-20	2018-19
238	333	245	436	568

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
395	475	415	505	725

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list as published by the HEI and endorsed by the competent authority	[View Document](#)
Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 99.79

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)**

2022-23	2021-22	2020-21	2019-20	2018-19
224	270	236	287	409

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

2022-23	2021-22	2020-21	2019-20	2018-19
224	270	236	287	412

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	[View Document](#)
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.2 Student Teacher Ratio

2.2.1

Student – Full time Teacher Ratio
(Data for the latest completed academic year)

Response: 32.96

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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

Teaching- Learning Process

The Institute is continuously working towards growth of students. With the aim of student development, various academic, co-curricular and extra-curricular activities are being organized by the institution. The majority of students are coming from surrounding rural areas, these students need extra attention in order to meet today's' competitive world. Teachers are working hard in order to provide quality and value-based education to these students.

Experiencing things helps one to learn effectively and to make it happen. The institution practices several student-centric experiential learning methods such as:

1. Student start up and innovation Programmes: SSIP is government approved program which provides financial support for student projects.
2. Project work: Bachelors and Masters Students are encouraged to do project work along with their regular curriculum.
3. Participation in competition at various levels: To experience the real competition and exposure, students are encouraged to participate at state and national level quiz, seminars and conferences.
4. Botanical visits: Every year botanical excursion is being organized by Department of Botany in order to provide on field plant study for students.
5. Industrial Visits: Department of Chemistry and Microbiology organizes industrial visits for students from concerned field to provide real time experience.
6. Guest Lecture: Eminent experts from industry and academics are invited in order to supplement the teaching process and provide experiential learning.

ICT Enabled Teaching:

The college has well equipped computer labs. During online mode of teaching-learning practices, teachers have explored various learning platforms like Google Meet, Zoom and Microsoft Teams. Study materials were also shared through different media like Google Classroom, E-Mail, Blogs, and WhatsApp etc. Students were also provided with lecture series of SANDHAN which is in local language and helps students to understand better. Teachers also used Power Point presentations. This helped students to get habituated to the computers.

In teaching-learning processes, E-books and other study materials are being shared with students as it cuts the cost and handy to use. Department of Mathematics uses Dell Lab for conducting practical. All computers in lab are updated with software like Tally, MATLAB, MS Office and other necessary software. ICT Enabled Teaching is in practice to make classes more exciting and thorough. Teachers make the best use of ICT in the classrooms and visual presentations really keep the students engaged.

Preparation for competitive exams.

To enhance the analytical approach of students following problem solving methodologies are being

practiced by the institution:

Research Activities: Research activities are conducted in each Department under the guidance of senior faculty where the students of PG final semester learn about problem identification and try to solve it through research which helps them to develop Research aptitude.

Participating in different activities helps students to bloom personally and boosts self-confidence. It is fulfilled by following activities:

Seminars: Students are encouraged to take part in various State and National level seminars and present their work through posters and power point presentations. Assignments and Presentations: During each semester, students are given topics which they prepare and present through charts and power point presentations.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1

Percentage of full-time teachers against sanctioned posts during the last five years

Response: 80.77

2.4.1.1 **Number of sanctioned posts year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
26	26	26	26	26

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 43.81

2.4.2.1 **Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
12	7	8	7	12

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	[View Document](#)
Institution data in the prescribed format	[View Document](#)
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

Internal /external assessment System

The Institute follows the University rules and guidelines to conduct the Internal Assessment which is based on attendance, assignment, seminar, project work and internal exam test papers. The Institute' internal exam committee works as a link between the departments and the University. Students are informed about the examination dates well in advance through notice board and website. Teachers make sure that all students are familiar with the internal assessment evaluation criteria in order to maintain transparency. The respective faculty evaluates the test papers promptly and answer papers are submitted to college factotum within time. Once the evaluation is done, the marks are shared with the students and also entered in university portal very carefully so that any discrepancy does not arise. During pandemic condition, the examinations were held on online mode.

Grievance redressal system at Institution level

1. If a student is not able to appear for internal examination due to medical or any genuine reason, examination is conducted for that particular student as per norms, provided that he/she submits application with proper documents. If the reason is found genuine and valid then the students are allowed to appear for re-test conducted by college.

2. In case the students are dissatisfied with their result in the Internal Test they are allowed to apply for Rechecking/Reassessment by filling in a prescribed form along with the fees for the same.

3. The answer sheet/s of such students is sent to the Head of the Department by the Principal/Examination Committee. The grievances of the students with reference to assessment are made clear by showing his/her performance in the answer sheet.

4. The Institute follows open evaluation system where the student performance is displayed on the notice board and the same is informed to the parents.

Grievance redressal system at University level

If a student is dissatisfied with his/her result in the University Exam, She/he can give an application in the college in a prescribed format in the stipulated time (15 days).

The college forwards the application to the University for the Needful Action.

The University declares the result when the procedure of reassessment is over.

Right from paying the examination fee to uploading of forms and getting their examination hall tickets are streamlined by the online mechanism.

In order to get the results, marks sheets, and degree certificates from the University, the College has assigned designated office staff and besides that, there is also a teaching faculty who is appointed as a member of exam committee to address the grievances related to exam etc.

The marks sheets once received from the University are distributed to students from the library and no fee is charged. Grievances related to exam are quickly addressed and office staff and exam committee help the students to set right any difficulties related to exam and results.

Hence, the college is committed to providing an effective, transparent and proactive mechanism to address the grievances of the students with regard to their exam related issues.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

Being an affiliated institute, Sir P.T. Science College follows the course of HNGU, Patan. For an effective teaching-learning process, it is important that teachers and students both are familiar with the programme specific outcomes and course outcomes of the programmes offered. It also helps the faculty to plan for their entire teaching process. Through following modes, the students and faculty members made aware of the learning outcomes:

- The course curriculum of each subject specified expected learning outcomes and it is shared with students and teachers through university syllabus which is available on the college and university websites.
- Individual faculty members prepare their semester plan in the beginning of every semester for the papers taken care by them. This practice helps to achieve the stated learning outcomes in time.
- In the beginning of semester, an interactive session has been conducted by the college principal to orient students about the learning outcomes of the program.
- The college encourages teachers for their participation in workshops, seminars, conferences and FDPs to enrich them to attain the outcomes while teaching learning in the classes.
- Successful alumni students are also invited to interact with both students and teachers at specific events and meetings where they share how their individual course shaped their career.
- Many teachers are also the members of Board of Studies; thus, the process of learning outcome awareness takes place smoothly and improves the quality of teaching learning.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

Our college has adopted outcome-based education mechanism to ensure the attainment of course outcome and program outcomes. The objective and outcomes are properly mapped for testing and evaluation of students so that Programme specific outcomes (PSO's) are attained through the competency mapping in terms of knowledge and skills. The Department adopts both direct and indirect

methods of assessment to ensure attainments of Programme outcomes (PO's) and Course outcomes (CO's).

Direct Assessment methods · Semester Test · Projects Internal Test · Assignments - score of this assessment is taken into account for evaluation course outcomes CO's.

In direct Assessment Methods - Feedbacks · Alumni survey · Co-curricular activities · Extracurricular activities · Feedback mechanism is used to improve Teaching learning process in outcome-based education.

Internal assessment is the requirement of the continuous assessment and is essential for the fulfilment of the course outcomes (CO's and PO's). There is an internal examination committee that deals with the effective implementation of the evaluation reforms regarding the attainment of course outcomes and programme outcomes. The committee initiates a few steps such as Unit Tests, Field Survey, Study Tours, Practical Work, Seminars, and Internships etc. Besides, Institute also tries to attain the course outcomes and program outcomes by conducting the activities such as cultural activities, N.S.S, N.C.C., Career Counselling, Finishing School, Scope, Personality Development Program, and Communication Skills, organizations of Scholarly Lectures, Health Awareness Programs etc.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.3

Pass percentage of Students during last five years (excluding backlog students)

Response: 82.81

2.6.3.1 **Number of final year students who passed the university examination year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
123	186	386	500	380

2.6.3.2 **Number of final year students who appeared for the university examination year-wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
194	244	416	528	520

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	[View Document](#)
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.97

File Description	Document
Upload database of all students on roll as per data template	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 78.99

3.1.1.1 **Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
9.11	1	1.25	44.75	22.88

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS),including awareness   about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

Institute imitative establish 'Shodh' incubation centre in 2017. Now a day a healthy eco system is developed in Institute. Institute conducts various seminars, workshops and conferences for igniting innovative idea cultivation and sensitization in young mind. Institute gets financial support through SSIP 1.0 MOUs GKS Govt. of Gujarat. More than fifty innovative projects are being mentored by incubation centre. Six IPR registered under the guidance of SSIP 1.0. Institute adopted innovation policy for innovation to "Atmanirbhar Bharat". Institute recognized 'A' grade in 2021 by SSIP 1.0 MOUs GKS Govt. of Gujarat. Institute is haven for innovative minds.

The institution has always been positive and genuine in creating an academic atmosphere that is encouraging, creative, innovative and progressive to all the stakeholders. The entire teaching learning

process, the utmost purpose has been to create a bunch of students and teachers who excel in whatever they are engaged and to promote flavour for research and development. The Institution has constituted a Research Committee to promote, facilitate and monitor research activities in the College.

The following initiatives have been taken for creation and transfer of knowledge in the institution. Separate research laboratories have been established by Chemistry, Botany Departments, in which the equipments for research, glassware and chemicals have been supplied to students of PG and Ph.D. to do their research work easily and successfully. The Research Committee encourages and provides necessary guidance to the faculties in submitting research proposals to UGC and other funding agencies.

The teachers are encouraged to apply for recognized research of affiliated University. It also helps departments in submitting seminar proposals and motivates the teachers to pursue Ph.D. studies. The institute encourages and facilitates the faculties for attending seminars/workshops and presenting their research papers. The institute also encourages the faculties for publishing research papers. The teachers are encouraged for publishing research papers. They are provided with umpteen opportunities to submit innovative research papers, publish them as chapters, books and in journals with ISBN and ISSN respectively.

Following efforts are made by the institution to develop scientific temper and research culture and aptitude among innovative students.

Students are informed about the research carried out by faculty members, which works as inspiration.

Institute displays the information regarding various students' projects on notice board and provides them guidance of particulars.

Our institution organizes seminars/workshop and expert's lecture. The research projects are given and guided to the PG students.

Transfer of knowledge is also done with the help of the workshops on research methodology; guest lectures and students are encouraged to participate in the seminars which are organized. The college promotes and grants duty leave to the faculty to participate in orientation course, Refresher course and short term training programmes organized all over India. The college supports the departments to organize university level, state level and national level workshops, seminars in the college.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.2.2

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 41

3.2.2.1 **Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
11	8	11	6	5

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.3 Research Publications and Awards

3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 1.19

3.3.1.1 **Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
12	6	6	5	8

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	[View Document](#)
Link to re-directing to journal source-cite website in case of digital journals	[View Document](#)
Links to the papers published in journals listed in UGC CARE list or	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.3.2

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: 0.19

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

2022-23	2021-22	2020-21	2019-20	2018-19
2	0	0	3	1

File Description	Document
List of chapter/book along with the links redirecting to the source website	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

To communicate and sensitize students to social issues and for their holistic development, to make them understand their social responsibility, and to take them classrooms to real life, we have an active *NSS (National Service Scheme)* which consists of an NSS coordinator, one woman faculty member and five student members. This committee performs a unique mentoring process through which many social activities are conducted in a neighbouring society. These extension activities influence the students, their understanding of the problems in the rural and urban areas of the state, the various policies of the Government or the society and their impact on human life are brought to the perception of the students. They are encouraged to participate in various community development programs to develop their all-round personality. Self-discipline, loyalty, respects and patriotism is nurtured among the NCC students. As a part of the whole exercise, the college has adopted nearby villages. In addition, the students are involved in the below-mentioned activities:

- The NSS (National Service Scheme) conducts annual camp in the neighbouring villages for 7 days, which helps them to mingle with the village and rural people to understand their lifestyles and needs better. Various activities enable the students to cultivate the much-needed traits like self-confidence, leadership, self-discipline, commitment, devotion, hard work and teamwork and the same qualities will help them to excel in academics as well. The students accumulate new knowledge, experience changes their attitude and behaviour positively towards the socially deprived or oppressed.
- The awareness about Thalassemia Test for all the students admitted in the first year is compulsory. The counselling to Thalassemia minor students and parents are also done.
- Health awareness Programmes, Chikungunya, Dengue and Swine flu Awareness. The institution has taken the initiative to make the society aware about social and health problems like female foeticide, dowry system, environment protection, waste plastic collection, Back to Nature Awareness Program, consumer protection awareness, anti-corruption, HIV awareness, anti-tobacco and cleanliness awareness etc.
- Awareness about Government schemes like Jandhan Yojana, Swachchh Bharat Abhiyan, In house toilets, 'Beti Bachao-Beti Padhao', Vyasan Mukti (about De-addiction), Voting awareness Programmes.
- Activities to celebrate the birth anniversaries of Mahatma Gandhi and Swami Vivekanand, Sardar Patel to spread their messages.
- Celebration of Independence Day and Republic Day to spread patriotic awareness among the society.
- All the significant dates such as Environment day, Yoga Day, Teachers Day, Hindi Day etc. are celebrated periodically to familiarize students with the value of our ancestors and traditions.
- Various generic courses regarding Environment and Sustainability have been introduced in our curriculum for UG students.
- The college has done outstanding work under the State Government's *Soil Health Card Project*.
- As part of the social responsibility of the propagation and dissemination of science, the college organized the *National Science TechnoFair*.
- To conserve the environment, we cultivate and nurture about 387 plant species in the college campus.
- The *Community Science Centre (CSC)* and *Science Society* play an important role to popularize

and promote scientific temper in community.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.4.2

Awards and recognitions received for extension activities from government / government recognised bodies

Response:

It is social responsibility of any academic institute to contribute for social activity and community development. As a responsible higher education institution Sir P.T. Science College, Modasa is well aware about its roles and responsibility for social activity and community development. To contribute, though a little bit, to ease the life of the neighbourhood community and society, faculty and students are motivated to participate in various activities like cleanliness drive, blood donation, environmental awareness etc. During the last five years, the college has conducted activities in the adopted village Varthu and Sakariya by our NSS unit and also supported them as a catalyst for their development. The efforts, support and guidance from Management, Principal, all faculty members and volunteers are heartily appreciated by the villagers, Gram Sevak, Panchayat Samiti members, District Administrators and University. On behalf of the college, the Panch Prakalp Committee undertook a task of preparing the students of primary class of the different villages' school for their Pre-Upper Scholarship Examination. They are made aware about save environment, importance of education and also responsibility towards nation. The efforts taken by the college students were highly appreciated by the Principals and staffs of the school. The college has been appreciated by organizations like Voter Enrolment Office for encouraging new voters' enrolment, blood donation camp every year as a "Service to Humanity". Students of N.C.C. along with the front line workers worked as Covid warriors. They helped staff of Sarvjanik Hospital and Primary Health centre during many vaccination camps organized by government and management. Both the organizations appreciated the students' courage and support even during the pandemic situation. Appreciation by the society, social workers, government authorities, university authorities, peoples of Modasa city, families of Covid victims boost the confidence and morale of students and faculty. This also increases our sense of responsibility and commitment to contribute for the holistic development and sustainable future.

- Sir P T Science College Modasa, PG Students had got first prize in National Vygyan Parisad at Ahemdabad. In academic year 2021-22, Our PG Students secured 1st Position in State Level Poster Computation organized by V.N.S.G.U., Surat.
- Research and Development department of Sir P T Science College received 'Sodh Research Award' (grant per students 4 lacs). There are six research scholar secured 24 lacs grant from K.C.G. from Government of Gujarat for two years.
- In academic year 2023-24, PG students of Physics Department got **1st cash prize 21K** in National Science Shaw Computation Organized by IPS Academy and IAPT RC at Indor M.P.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 209

3.4.3.1 **Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
45	32	42	65	25

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.5 Collaboration

3.5.1

Number of functional MoUs/linkages 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.

Response: 19

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	[View Document](#)
List of year wise activities and exchange should be provided	[View Document](#)
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- **teaching – learning, viz., classrooms, laboratories, computing equipment etc**
- **ICT – enabled facilities such as smart class, LMS etc.**

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

The Institute has adequate physical and academic facilities required as per University Grant Commission guidelines, Education department, Government of Gujarat and HNGU- Patan to run the different programs.

- The college campus is spread over 18.29 acre of land. It has total 7423 Square meter built up area.
- All the Classrooms and Seminar Hall are well equipped along with computing system and Internet facility.
- Campus is Wi-Fi enabled with 100 MBPS Speed so that the faculty members can utilize this resource to present lectures and can keep up with current information and the students can get more decent education.
- 13 Wi-Fi and ICT enabled classrooms for Academic activities.
- Each department has a well equipped laboratory, computer, printer and internet facilities.
- The college has cultivated an atmosphere to provide the importance to Extra Curricular and support services organized by N.S.S. and N.C.C. Department.
- Underground tank for water storage under rain water harvesting scheme.
- Neat, clean and green campus atmosphere.
- Well equipped seminar hall with 200 seating capacity facilitated with LCD Projector, Inter active Board, Digital Podium, Audio Visual aids. Spacious seating arrangements with the qualitative furniture for various academic and cultural activities. .
- Digital Education and Learning Laboratory (DELL) with 25 computers in LAN with Wi-Fi.
- Maths Computer Laboratory with 22 computers with LAN and internet facility and interactive board.
- Chemistry Research Lab with sophisticated instruments.
- 12 well equipped laboratories.
- Biology Museum
- Botanical garden name 'Herbal Garden'.
- A Well Furnished computerized administrative office along with separate ICT enable cabin of the Principal.
- Our Institute has four internet connection out of which one NAMO Wi-Fi and three GTPL.
- Campus canteen facility, adequate number of washrooms, NCC office, NSS office, Girls room, Community Hall, Girls hostel, Boys Hostel and Mineral Water facility.
- 'Shodh' Incubation Centre for innovative minds.

Cultural, Sports, Gymnasium and Yoga Facility

The College has facilities for sports and games and cultural activities.

- There is Separate spacious playground with indoor-outdoor stadium (**Gymnasium hall**) for sports activities.
- The College situated in the heart of the town, the students use a small patch of open space inside the campus for playing Khokho, Kabaddi and even for practicing Hockey and football.
- Separate badminton court in the College campus.
- Well-equipped gymnasium.
- Big playground to perform Yoga by Yoga Centre.
- Annual day and Annual Sports Day celebration every year.
- There is a Separate Auditorium Hall named as **"BHAMASA Hall "** in which various cultural activities like Dance, Song, One Act Play, Essay, Debate, Recitation, Quiz, Extempore, Creative Writing, Fine Arts, Rangoli, Mehandi, and all such activities are conducted on the big and open stage inside the campus.

Amenities

- Campus Health centre
- ATM
- Stationary and Zerox Centre
- Separate Parking Facility for students and staffs
- Power generator
- Guest House
- Principal and Staff Quarters
- Table Tennis and caroms corner
- Bio Metric Device
- Rain water harvesting system
- Waste management and water treatment
- Gas Room
- Facilities for Divyangjan
- Fire safety
- Solar System
- Theatre LED
- Indoor-Outdoor Games facilities
- Gymnasium

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 91.26

4.1.2.1 **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
21.05	60.48	27.78	21.23	32.54

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

The college central library is a learning resource centre. The library is fully automated using soul 3.0 software and is well-connected through broadband and Wi-Fi. There are 18543 books available in the library.

The Carpet area of the library is 1857 Square feet and has adequate reading space for 70 students at a time. There is a separate reading room with ICT enabled facilities.

INTEGRATED LIBRARY MANAGEMENT SYS

- The library reading room is equipped with plug-in facility for laptop. Library is using automated Library Automation Software Soul (3.0).
- Online supervision is possible which reduces the line management responsibilities of librarians.
- The library is automated with bar-coding technology and book issues are recorded using scanners. The issue and return process is carried out at the circulation desk using the bar-coded identity card.
- Remote access to the e-resources is provided to users creating a login ID and   Password (For staff). Registered users can access e-journals, e-books, and other electronic resources using N-List program.
- Institutional resources like study materials, references, previous years' question papers, students' project/dissertation are made available in the Library.

SUBSCRIPTION TO E-RESOURCES

- An e-content digital library is provided in the library with internet connectivity of 05 computers and a printer.
- The library has an active membership of INFLIBNET N-LIST consortia and provides more than 6000 E-journals and 1.9 lacs E-Books on various subjects. Students are provided with facilities of NDL (National Digital Library) through which they can access books and journals in a digitalized format.

Academic Year Expenditure on Purchase on Books

Academic Year	Expenditure in Rs
2018-19	9979
2019-20	3455
2020-21	000
2021-22	31995
2022-23	48315

Per Day User of Library

Faculties are provided with a bar-coded identity card for registering in/out and lending documents. In/out register for Student is maintained by librarian. It also provides user login IDs and passwords to the staff for remote access and per day library usage is 180 students.

Academic Year	Students
2018-19	4765
2019-20	7488
2020-21	1243
2021-22	2599
2022-23	8195

- The other services such as in-house/remote access to e-publications facilitated by INFLIBNET, new arrival book display, full-time internet facility through Wi-Fi and LAN, career guidance books and CCTV surveillance are there to ensure security.

- The library takes the initiative of the "Vanchan Vartul" (Reading Circle") which conducts

various events on reading, competitions, and orientations to encourage the students to inhibit reading practices.

File Description	Document
Upload Additional information	**View Document**
Provide Link for Additional information	**View Document**

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

The Institute has established well IT infrastructure and upgrading it regularly to integrate it into teaching, learning, evaluation and administrative processes to make it easy, user friendly and transparent.

- All the classrooms are well –equipped with LCD projector with CPU and internet. Wi-Fi connectivity with 100 MBPS speed that covers the entire campus premises.

- Licensed and open licensed software are used for academic requirements.

- The latest software like MATLAB for students of mathematics subject, SOUL 3.0 software for easy access of resources in the library, Tally erp 9 software for accounting and Payment , erp.admissiontrack.in for online admission are used to make administrative work easy.

- In the administrative office, all the staff members are facilitated with computer, printer, scanner, LAN internet connectivity.

- The central library is facilitated with computers, printers, photocopier and internet connection.

- INFLIBNET N-list Membership is provided to each faculty member for easy access e-resources like e-journals and e-books.

- An informative and Dynamic Website is created by the college which includes admission details, syllabus, examination, feedback, scholarship etc.
-
- The Government Provided 100 Mbps Internet Facility under NAMO Wi-Fi Scheme for Students and the college has also taken GTPL Wi-Fi connection with 50 MBPS.

- Computer, printer and internet facility is provided to each Department and Staff room to make teaching –learning easy and to prepare PPT presentation as and when required.

- In Career Guidance Centre (SSIP centre) computer LAN, internet connection, printer, photocopier facilities are available for the students.

- The Research Laboratory of chemistry is facilitated with computers and internet connection.

- All the Class Rooms and Library reading room are well equipped with LCD projectors and internet connectivity.

- Laptop and Internet facility is provided to Principal, Vice-principal and IQAC Coordinator for data portability.

Computer Lab:

- The Mathematics Computer Laboratory and The Digital Educational Learning Laboratory (DELL), 25 computers in each Lab with LAN, MATLAB software and Internet Facility.

- Computer lab is well-equipped with branded PC's adequately supported by 40 Mbps Broadband line for internet connectivity. A wide range of system software and application software are used in the computer lab. The entire Lab is connected with LAN. Computer labs are well connected to the internet help students and faculty to carry out their academic and other work. Computer assistant is provided to support students and faculty to solve their queries.

Wi-Fi facility:

The College also provides free NAMO Wi-Fi 40 Mbps speed for students and faculty to make maximum use of internet in their education. Teachers also use Wi-Fi to make teaching more interesting. The library and computer lab are equipped with Wi-Fi.

No.	Name of class rooms,Seminar Hall with LCD /Wi-Fi ICT Facility
1	Theatre 1
2	Theatre 2 + With Smart board
3	Room No 17
4	Room No 18
5	Room No 20
6	Room No 22
7	Seminar Hall
8	UG Physics Class Room
9	M Sc Botany Class Room
10	DEL Class Room
11	Library Reading Room

| 12 | SSIP Room |
| 13 | Conference Room |

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.3.2

Student – Computer ratio (Data for the latest completed academic year)

Response: 17.91

4.3.2.1 **Number of computers available for students usage during the latest completed academic year:**

Response: 46

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	[View Document](#)
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

Response: 26.23

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)**

2022-23	2021-22	2020-21	2019-20	2018-19
7.644	9.30	7.54	7.625	14.758

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 51.64

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
424	494	601	873	718

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	[View Document](#)
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	[View Document](#)
Upload policy document of the HEI for award of scholarship and freeships.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.1.2

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. *ICT/computing skills*

Response: A. All of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	[View Document](#)
Report with photographs on ICT/computing skills enhancement programs	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	

5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 79.43

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

2022-23	2021-22	2020-21	2019-20	2018-19
226	997	2645	787	128

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

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
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	[View Document](#)
Proof related to Mechanisms for submission of online/offline students' grievances	[View Document](#)
Proof for Implementation of guidelines of statutory/regulatory bodies	[View Document](#)
Details of statutory/regulatory Committees (to be notified in institutional website also)	[View Document](#)
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 35.41

5.2.1.1 **Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
139	97	60	132	107

5.2.1.2 **Number of outgoing students year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
92	153	386	500	380

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	**View Document**
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	**View Document**
Institutional data in the prescribed format	**View Document**
Provide Links for any other relevant document to support the claim (if any)	**View Document**

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 2.36

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

2022-23	2021-22	2020-21	2019-20	2018-19
12	1	0	3	7

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	**View Document**
Institutional data in the prescribed format	**View Document**
Provide Links for any other relevant document to support the claim (if any)	**View Document**

5.3 Student Participation and Activities

5.3.1

Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

Response: 25

5.3.1.1 *Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years*

2022-23	2021-22	2020-21	2019-20	2018-19
3	13	2	04	03

File Description	Document
Upload supporting document	[View Document](#)
list and links to e-copies of award letters and certificates	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.3.2

Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 42

5.3.2.1 **Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
76	76	0	49	9

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.4 Alumni Engagement

5.4.1

There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

- **Alumni association: an everlasting link between students and institution**
- **Academic support**

The institution takes care of the alumni in all possible ways to support their careers.

- Special consideration in Job fair
- Alumni pool for interested members to work abroad
- Special consideration to participate in Certificate Course (PRP)
- Use of academic facilities (such as the library, lab etc.)
- College sports facilities (Ground, Fitness Centre etc.)
- Special consideration in job openings in the college
- **INSTITUTION'S COMMITMENT TOWARDS ALUMNI**

- **(2018-2019, 2019-2020, 2020-2021, 2022-2023, 2023-24)**

    Every academic year

- **ALUMNI FINANCIAL CONTRIBUTIONS**
- An amount of Rs. 251/- was donated by the alumni Shri Rasikbhai B Havasar for the Scholar student in B.Sc. chemistry.
- An amount of Rs. 251/- was donated by the alumni Shri Atulbhai Suthar for the Scholar student in B.Sc. Botany.
- An amount of Rs. 251/- was donated by the alumni Shri Balubhai S. Prajapati for the Scholar student in B.Sc. Mathematics.
- An amount of Rs. 251/- was donated by the alumni Shri R.P.Shah for the Scholar student in B.Sc. Microbiology.
- An amount of Rs. 251/- was donated by the alumni Shri Prakashbhai Pravinchandra Maheta for the Scholar student in M.Sc.

-

- **ALUMNI GET-TOGETHER**
- Apart from academic support, the alumni association actively engages and supports non-academic activities.
- Provide counselling to students for career enhancement
- Act as judges and referee for cultural and sports activities.
-
- **NON-ACADEMIC SUPPORT**
- The alumni association supports the academic activities of the institution at various levels.
- Participation as a resource person for invited lectures.
- Donation of Books to the college library.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

GOVERNANCE AND LEADERSHIP

Aravalli District is a rural, tribal and remote area in the state of Gujarat where most of the people are socially and economically backward. The literacy rate of males in the region is 75.84 %, which is far below than state and national averages. The majority of the people are engaged in farming. Against this backdrop, a group of philanthropists from the region established a trust named The M L Gandhi Higher education society in 1960. The objective was to empower people in all spheres through proper education and awareness. Thus, the Sir P T Science College was established in 1960.

It is run by eminent icons on board of trustees lead by Mr. Naveenchandra R Modi, a well-known Educationist, and Advocate of Gujarat High court. His wisdom, acumen and futuristic perception serve as driving force of institutional growth and excellence.

VISION

To inculcate the students to analytical and compassionate, intellectually aspirant and reflective synthesizing scientific temperament with humanistic wisdom and ethical values that builds spirit of humanity.

MISSION

To provide students with an environment for the all-round development of their mental, physical, aesthetic, social, and spiritual potentials, together with the attitudes of integrity, hard-work, honesty, fairness and tolerance, so that they give of their very best. Excellence in these fields is to be interpreted in terms of putting the skills developed in each at the service of the socially discriminated groups in our country with a view to setting up a society where all have equal opportunity as children of god.

For details https://sirptsciencecollege.org/about-us/vision-goal/

NEP 2020 implemented in June 2023

DECENTRALIZATION AND PARTICIPATION

- The college commenced with the principle of inclusivity to accommodate all segments of society ensuring no one is left behind.
- A dedicated academic team under the leadership of the principal led the strategic and operational affairs of the institution.
- The principal is supported by the college committee, college council, and IQAC to design strategic, academic and operational plans.
- The institution ensures strategies for providing operational autonomy to all departments for the effective implementation of the curriculum through innovative teaching and learning practices.
- It ensures the freedom to conduct extension and outreach programs to fulfill the institutional vision through different Cells, Clubs, and Forums.
- The exam cell schedules the internal assessments and makes arrangements for university exams independently.
- All the departments, clubs, and cells have a financial budget prepared at the beginning of the academic year to have more financial freedom.
- The library committee has suggested purchasing books, journals, and e-contents based on the requirements.
- The IQAC is the body to make decisions on the quality of the overall functioning of the institution.

INSTITUTIONAL PRACTICES

Leadership vision of the institution is ensured through distinctive practices aligning the core principle of LGMC and entire activities and initiatives are envisioned with the philosophy of L earn, Grow, Mature and Contribute Novel practices like Green Campus, Innovation Club, 'Shodh' Incubation Centre ,District Science Centre are few of the examples for the same.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

INSTITUTIONAL BODIES

Systematic functioning of the institution is ensured by the statutory and non-statutory bodies. Board of Trustees acts as the apex body which envisages annual plan and reviews the functioning of the institution. The Managing Director plans operational strategies in consultation with College Committee and Board of advisors. Academic Council headed by the Principal is responsible body for the execution of academic plan.

IQAC, Exam Cell, Admission Cell, Grievance Redressal Cell, Women's Cell, Students Welfare committee, Anti-Narcotic Cell, Anti-Sexual Harassment Cell, Anti-Ragging Committee, Library advisory committee, Research Promotion Council, NSS, NCC, Alumni association, PTA, Career Guidance and Placement Cell and other committees are the major institutional bodies to materialize the action plan.

POLICIES AND PROCEDURES

Institutional governance is streamlined in accordance with vision, mission, graduate attributes and core values of the college. The academic and administrative policies are framed in compliance with the norms and regulations set by UGC and the University. The college has exclusive and customized policies for Admission, Recruitment, Human Resource, Scholarship, code of conduct etc. Mode of appointment is direct recruitment purely based on applicant's meritorious credentials according to government and university guideline.

PERSPECTIVE PLAN

The Board of Advisors and College Committee developed strategic goals during the every academic year. The perspective planning is aimed at transformational growth of the institution which ultimately results in the overall development of each student. The planning involves dialogues and discussions with stakeholders and well-wishers. It is planned in alignment with the vision and mission statements of the institution.

Education and Academic Excellence, Tie-ups and Collaborations, Human Resource Development, Campus life, Research and development, Community engagement, Student success and placements and Finance are the stated Strategic Pillars of Perspective Plan.

Strategic Goals

§ Attract an excellent and diverse cohort of students.

§ Hire and retain talented and committed staff members.

§ Introduce and update governance and management systems and structures to support college

operations.

§ Promote Innovations in Teaching and Learning.

§ Promote learning and professional development of both staff and students.

§ Enhance student employability and create placement opportunities.

§ Collaborate with educational institutions and industries on wide range of themes.

§ Conduct and engage in nationally and internationally relevant research activities.

§ Ensure operational sustainability.

§ Provide an attractive learning and infrastructural facilities in the campus.

DEPLOYMENT

§ 100 % staff retention throughout the assessment years.

§ 2(f) & 12(b) recognition and GSIRF certification completed.

§ NAAC accreditation regularly initiated.

§ Add on and Certificate courses, Skill bank, Student start up and innovation.

§ Introduction of new University programs based on the Choice base credit system and NEP 2020.

§ Streamlining teaching and learning process in tune with Outcome Based Education.

§ Renovation of library and learning resource centre with state-of-the-art facilities.

§ 100% ICT enabled class rooms.

§ Green Initiative, Green Campus, Green College.

§ MoU with Government of Gujarat, Education Department GKS, Industries, National Educational Association, NGO and other University and colleges.

§ Online Certifications.

§ TCS Training Programs.

File Description	Document
Upload Additional information	[View Document](#)
Institutional perspective Plan and deployment documents on the website	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.2.2

Institution implements e-governance in its operations

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

Response: C. 2 of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	[View Document](#)
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	[View Document](#)
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

Institute takes initiative for CAS and promotion as per UGC and Government of Gujarat following Performance Appraisal System for teaching and non-teaching staff. College IQAC and University IQAC regularly proposed teachers CAS and promotion proposals.

Staff fraternity constitutes the pivotal stakeholders of the institution. The college has various employee benefit schemes that promote and support the physical and psychological well-being of its workforce. In addition, it nurtures a family ambience in the campus and enhances their personal and professional performance.

There are many Welfare measures provided by the institute for teaching and non-teaching staff are as under:

- The government has implemented a group insurance scheme for all permanent employees.
- A variety of leaves, such as earned, vacation, casual, medical, maternity, and paternity leaves are available to teachers and non-teaching personnel.
- There is facility of accommodation for teaching and non-teaching staff in quarters as well as have facility for temporary accommodation like guest room too.
- Class III and IV employees receive uniform benefits and a yearly bonus for the festival.
- Staff members oversee a Registered Co-Operative Credit Society on campus.
- Additional resources like a computer lab, Central Library, and research facilities are available to teachers.
- The campus has a First Aid Facility.
- Teachers who wish to attend seminars and provide papers are granted Duty Leave.
- Employee and student grievances are handled by the Grievance Redressal Cell.
- Pays back medical expenses incurred by staff members and their dependents.
- A women's grievance redressal cell is established to handle complaints related to sexual harassment.
- The parking facility is a crucial part of the facility.
- The college offers free Wi-Fi throughout.
- The faculty receives comprehensive support and assistance for pursuing higher studies and research projects.
- Employees' travelling expenses to any place in India are refunded, subject to rules and regulations.
- The scheme includes an Accidental Death Policy Insurance Scheme for all staff members.
- It is recommended for faculty members to engage in higher education and self-development initiatives.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.3.2

Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 11.43

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

2022-23	2021-22	2020-21	2019-20	2018-19
3	0	0	2	7

File Description	Document
Policy document on providing financial support to teachers	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	[View Document](#)
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 25.5

6.3.3.1 **Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP),** *Management Development Programmes (MDPs)* **professional development /administrative training programs during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
9	28	8	4	2

6.3.3.2 **Number of non-teaching staff year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
19	19	19	19	19

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of the certificates of the program attended by teachers.	[View Document](#)
Annual reports highlighting the programmes undertaken by the teachers	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

The institution has strategies for mobilization and optimal utilization of resources and funds and conducts internal and external financial audits regularly.

RESOURCE MOBILIZATION POLICY

The institution shall mobilize funds and allocate budgetary provisions for the prospective growth of the institution, holistic development of students, and welfare of the staff.

MOBILIZATION OF FUNDS

Being a grant in aid institution, Sir P.T. Science College is received financial aid from Union or State Governments. The other sources of funds are to be made by The M.L.Gandhi Higher education society Modasa.

§ The college premises and facilities are provided for the conduct of government and other competitive examinations.

§ The college guest house rent out for interns and trainees.

§ The college ground and Turf for training and competitions.

§ The multipurpose hall for external agencies.

§ Computer Lab for competitive examinations.

§ Transportation fee, Hostel fee, Mess fee collected from the students.

OPTIMAL UTILIZATION OF RESOURCES

The Board of Trustees has clear, well defined policies to guarantee the perfect utilization of resources. All the strategies regarding resource allocation and its optimal utilization and decision concerning the same are taken by the Secretary. Optimal utilization of available resources is ensured to cater the needs of the stakeholders.

FINANCIAL ADMINISTRATION OF THE INSTITUTION

The institution has a system for financial management. The M.L.Gandhi Hihger Education Society, Modasa constituted a finance committee for...

§ Budget Evaluation and Approval

§ Monitoring financial activities

§ Internal and External Audits

§ Resource mobilization

FINANCE COMMITTEE OF THE INSTITUTION

BUDGET PREPARATION

The finance committee prepares the annual budget and then presented it to the meeting for approval. The budget is finalized after the inclusion of the comments by The M.L.Gandhi Hihger Education Society, Modasa governing body.

ACCOUNTING PRACTICE

A centralized accounting system is followed in the college. The finance officer is the authorized signatory. Accounts are settled on a monthly basis, and it is mandatory to get the monthly budget approval from the management. The institution restricts cash transactions at all levels.

AUDIT PRACTICES

The institution has a well-structured financial audit policy and it conducts twice in the financial year.

INTERNAL AUDIT

The internal audit is carried out by a chartered accountant appointed by The M.L.Gandhi Higher Education Society, Modasa and carried out on a half-yearly basis. The audit focuses on complying with statutory norms like deduction of TDS and payment of the sanctioned amount. It scrutinizes the asset registry and verifies if the amount has been credited rightly under the prescribed heads. The discrepancy or audit objections, if any, are ratified and submitted to The M.L.Gandhi Higher Education Society.

EXTERNAL AUDIT

The external audit is carried out at the end of each academic year. It is carried out by a registered auditing company. The observations made by them are regularly complied with. All the audit reports are available for scrutiny on demand. Usually, there are no major issues found in the external audits as the institution is strictly following the best practices which ensure transparency in all transactions.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

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. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

The IQAC takes initiatives in enhancing quality through various activities connecting the students, staff, alumni, employers, and community. It ensures the best learning system by integrating innovative technology-driven teaching methods that can prepare the students to be compact with global workplaces.

PERFORMANCE APPRAISAL SYSTEM

IQAC conducts internal appraisal for promoting good practices initiated by the students and staff. It is to improve organizational efficiency by ensuring the best of their ability, developing their potential, and earning an appropriate reward. This, in turn, leads to the overall quality of the system.

SEMESTER CONFIGURATION AND COURSE PLAN

IQAC conducts meeting to configure the semester and year in order to plan academic and non-academic activities. The heads of the department will submit the plan for academic and non-academic activities in a prescribed format. The course plan is the road map to the content delivery system. It includes the schedule of the lesson plan, its duration, and mode of delivery, activities, assignment, and assessment. The teachers will submit the course plan to the head of the department at the beginning of every semester, which is verified by the principal. The principal will assess the progress of the course plan during department meetings.

ACADEMIC AUDIT

The IQAC takes the initiative to perform different levels of academic audit to review the effectiveness of teaching-learning practices and its outcome. The institution-level administrative and academic audit is performed by an external body. This is done by Administrative and academic experts from Government of Gujarat, like AAA, GSIRF. The department-level audit is led by the principal and IQAC at the end of each year. The other activities of different clubs and cells are audited by the IQAC using an activity performance sheet. The audit report will be submitted to the college committee meeting for further proceedings and actions.

CLASS OBSERVATION AND 360-DEGREE FEEDBACK SYSTEM

IQAC takes the initiative to conduct 360-Degree feedback and class observation to ensure the quality of teaching pedagogy and an efficient content delivery system. The 360-Degree feedback includes (1) Feedback of students, (2) Peer Feedback by Teachers, (3) Feedback of Alumnae (4) Feedback of Parents. (5) Feedback of Employer online and offline. Feedbacks are analysing regularly by IQAC committee. Action taken reports are uploaded on institute website for stakeholders.

COLLABORATIONS AND CERTIFICATIONS

The IQAC has collaborated with various agencies to implement capacity and skill enhancement activities such as value-added/Add on courses and certifications.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.5.2

Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
2. **Academic and Administrative Audit (AAA) and follow-up action taken**
3. **Collaborative quality initiatives with other institution(s)**
4. **Participation in NIRF and other recognized rankings**
5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Response: C. Any 2 of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	[View Document](#)
NIRF report, AAA report and details on follow up actions	[View Document](#)
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	[View Document](#)
Link to Minute of IQAC meetings, hosted on HEI website	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

- **MEASURES INITIATED BY THE INSTITUTION FOR THE PROMOTION OF GENDER EQUITY**.

  Sir P. T. Science College, Modasa has initiated various approaches to promote and ensure gender equity. The institution has initiated various approaches to promote and ensure gender equity at various levels in terms of rights, benefits, obligations and opportunities. We treat both women and men according to their respective needs in a fair manner by providing an environment where everyone, irrespective of gender, feels safe to engage in activities such as learning, teaching and working.

- Institute initiated the Gender Audit.
- Orientation program on the importance of gender equity and women empowerment.
- Faculty hold equal administrative and academic leadership
- The committee for Anti-Sexual Harassment and Anti-Ragging ensures a secure environment.
- Collegiate Women Cell takes care of all aspects of girl students, reduces gender disparities. (if any)never allows them to feel deprived of their privileges.
- Special facilities for girls in the campus, such as canteen, washroom, etc.
- Women's employability activities.
- Health Awareness Program.
- 24*7 security guard and the entire campus is under CCTV surveillance for security
- Students are accompanied by men and women faculty during educational tours, extension activities, and industrial visits.
- Specially arranged toilet and refreshment facilities for girls and boys.
- Service of professional counsellor for guidance
- Special arrangement for Thalassemia test, physical fitness and sports facilities.
- Orientation sessions for boys on gender equity and respecting women. Collegiate Women cell is a special wing formed for the wellbeing of girl students. They conducted special programmes for identify the talents of girl students and organized different programs and workshop to enhance such talents .Now a days, teenagers are facing different issues so awareness sessions relating to women issues were conducted specially for women students.
- MEASURES INITIATED BY THE INSTITUTION FOR THE PROMOTION OF INSTITUTIONAL INITIATIVES TO CELEBRATE/ORGANIZE NATIONAL AND INTERNATIONAL COMMEMORATIVE DAYS, EVENTS AND FESTIVALS.

The institution celebrates and organizes national and international commemorative days, events, and festivals to maintain harmony and to make the students aware of the pride and rich cultural heritage of the nation. It also aims to make students aware of the contributions by eminent personalities, motivating patriotism, civic responsibility, environmental concern and appreciation for humanities, sciences and arts.

The NSS prepares the important days of each month in advance to schedule the events. Department celebrates the national and international events pertaining to their domain. Committees/Clubs conduct the events on special days pertaining to their field. Seminars and expert sessions on the contribution of great Indian leaders and significant national events. The institution strives to foster an inclusive environment by promoting national languages. Voters Day - Voters Awareness Campaigns have spread the electoral responsibility of the citizens. Courses related to the Indian Constitution, Human Rights, Values, and Responsibilities enable the sensitization on constitutional obligations. The institution conducts events on the important days.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.1.2

The Institution has facilities and initiatives for

1. **Alternate sources of energy and energy conservation measures**
2. **Management of the various types of degradable and nondegradable waste**
3. **Water conservation**
4. **Green campus initiatives**
5. **Disabled-friendly, barrier free environment**

Response: B. 3 of the above

File Description	Document
Policy document on the green campus/plastic free campus.	[View Document](#)
Geo-tagged photographs/videos of the facilities.	[View Document](#)
Circulars and report of activities for the implementation of the initiatives document	[View Document](#)
Bills for the purchase of equipment's for the facilities created under this metric	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

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

Response: B. Any 3 of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	[View Document](#)
Policy document on environment and energy usage Certificate from the auditing agency	[View Document](#)
Green audit/environmental audit report from recognized bodies	[View Document](#)
Certificates of the awards received from recognized agency (if any).	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of

students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

- The Sir P T Science College is a centre of diversity and promoting tolerance and harmony towards the cultural, regional, linguistic, and socio-economic backgrounds of all the stakeholders through academic and administrative activities. The clubs, committees and cells conduct varieties of events to achieve this collective inclusiveness. It is to light the minds of youth with an inclusive environment to realize the prevailing ethnic inclusiveness and make positive contributions leading to the prosperity of society and the nation.

- The institution is located in the rural area of Aravalli district of Gujarat. The institution is keen to respect and promote all diversities.

- A well-functioning Students Representative Committee-SRC in the institution ensures equal opportunities in various activities irrespective of their caste, language, religion, region, culture, etc. It supports students in getting various government and management scholarships.
- Institution celebrates national festivals like Navaratri, Uttarayan, Vasant Panchami attentively to celebrate cultural and environment diversity.
- Discipline Committee and Anti-ragging Cell maintain tolerance and harmony among students, and it ensures all the students in the campus are equally treated.
- Conducts residential camp by NSS that merge different cultures and practices.
- IOT and Thinking Lab to give environment for creativity minds.
- Management scholarships for students who are socially and economically needy.
- FINISHING SCHOOL to improve Life skills and Employability skills.
- SSIP to make entrepreneur.
- Extension activities such as PANCH PRAKALP and G20.
- Book Bank to give Books for deprived students.

SENSITIZATION OF STUDENTS AND EMPLOYEES TO THE CONSTITUTIONAL OBLIGATIONS: VALUES, RIGHTS, DUTIES, AND RESPONSIBILITIES OF CITIZENS:

The institution takes various initiatives in conducting programs for sensitizing students and employees to the constitutional obligations, values, rights, duties, and responsibilities of citizens.

- Inclusion of courses in the curriculum related to the Indian Constitution, Human Rights, and Values
- Voter's Day commemoration and Voter's Awareness Campaigns
- Independence Day
- Republic Day
- NCC activities
- Human Rights Day
- Mother Language Day
- Activities of NSS

- 'Azadi Ka Amrit Mahotsav' was celebrated by Patriotic activities.
- College Women Development Cell's activities.
- **Panch Prakalp project of udayam cogent**

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

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:

Creating an environmental initiative for a science college with aims and objectives aligned with the UN's 17 Sustainable Development Goals (SDGs) is a commendable endeavour. Here's a framework:

Best practice 1: Initiative Name: "Green Science: Empowering Sustainability"

Aim: To foster a culture of environmental stewardship within the science college community, integrating sustainability principles into education, research, and campus operations.

Objectives:

1. **Education for Sustainable Development (ESD)** (Goal 4, 12, 13, 15):
   - Integrate sustainability topics into the curriculum across disciplines.
   - Organize workshops, seminars, and awareness campaigns on environmental issues.
   - Encourage student-led initiatives promoting sustainability.
2. **Research for Sustainability** (Goal 9, 13, 14):
   - Facilitate interdisciplinary research focusing on environmental challenges.
   - Support faculty and student-led research projects addressing sustainability issues.
   - Promote partnerships with industries for sustainable innovation.
3. **Resource Efficiency and Conservation** (Goal 6, 7, 11, 12):
   - Implement measures to reduce energy consumption and promote renewable energy sources on campus.
   - Initiate waste reduction and recycling programs.
   - Foster water conservation practices and rainwater harvesting.
4. **Biodiversity Conservation** (Goal 14, 15):
   - Establish green spaces on campus to promote biodiversity.
   - Conduct biodiversity assessments and conservation projects.
   - Collaborate with local communities for ecosystem restoration efforts.

5. **Climate Action** (Goal 7, 11, 13):
    - Set targets to reduce the college's carbon footprint.
    - Advocate for climate change mitigation and adaptation strategies.
    - Promote sustainable transportation options for students and staff.
6. **Community Engagement and Outreach** (Goal 1, 2, 5, 10, 17):
    - Engage with local communities on environmental issues through outreach programs.
    - Collaborate with NGOs, government agencies, and businesses for environmental initiatives.
    - Foster partnerships for sustainable development projects benefiting marginalized groups.
7. **Monitoring and Reporting Progress** (Goal 17):
    - Establish monitoring mechanisms to track progress towards sustainability goals.
    - Publish annual reports on environmental performance and initiatives.
    - Encourage transparency and accountability in all aspects of the initiative.

By aligning the environmental initiative with the UN SDGs, the science college can contribute significantly to global efforts towards a more sustainable future while providing students with invaluable opportunities for learning and engagement.

Best practice 2: Science for Community

CSC (Jilla Lok Vigyan Kendra, Aravalli)

Recognized by Gujarat council on Science and Technology (GUJCOST) DST Government of Gujarat.

Initiation Popularization of science in Community by Sir P. T. Science College, a District level Community Science Centre established GUJCOST recognized 'Jilla Lok Vigyan Kendra, Aravalli' in 2016. Teachers of the Sir P T Science College provide peer expertise and mentoring.

Community Science Centre

Science and Technology have played an important role as a tool of Socio-economic revolution. Hence, development of science and technological capacity and its application have become an important and inherent part in the planning process.

Application of Science and Technology as a modern tool for Socio-economic revolution is very much required in the interest of all round and speedy development of the state. The state has undertaken various efforts through five year plan for equal. multilateral and speedy development by using latest technology in the fields of Agriculture and its dependent industry, Engineering industry, Transportation & Communicators, Irrigation-Construction, environment & Rural Development, Public health, Medical science & education etc.

Development of Scientific temper and scientific attitude in daily life among the people are very much important for Socio-economic development of the citizen of the Gujarat state. It is also important and very much required to create awareness among the people about removal of prevailing superstitions from the society through scientific approach so that Socio-economic development can take place.

Necessity of planned campaign in different regions of the state is felt for maintaining and increasing the continuous efforts as one of the options for creating awareness among the people. With an objective to accomplish this work, the state government feels it essential to set up and maintain the structure of community science centre covering the whole state. In context of the said requirement, establishment of community science centre of various levels in the state is considered through public private partnership.

Objectives

The objectives of community science centre are as following:

- To attract people towards Science.
- Development of Scientific temper among children and citizen.
- To provide scientific activities to students at various stages of their study.
- To be helpful to children, students and citizen in science and science education.
- To organize and implement science related activities.
- To explain application and importance of science at various stages of the life.
- To explain about importance of science contribution in social development.
- To identify and encourage scientific activities at various levels of the society.
- Development of Scientific temper among the people and to increase the public contact through medium of museum.
- To create awareness among the people about harmful and non scientific activities to society, prevailing superstitions, bad customs and to make efforts towards its removal in urban and rural areas.
- Socio-economic Development through scientific attitude.

- To organize scientific activities considering students of different age group, women and common people at community science centre and rural places of different Talukas.
- To establish science clubs involving schools and different agencies.
- To organize popular lectures / science dramas / street plays or other programmes regarding superstitions removal.
- To provide scientific guidance about the natural occurrences like earthquake, eclipse, cyclone, astronomy etc.
- Programmes like Quiz, Elocution competition, Science Exhibition, science lectures, science related different competitions, celebration of the events related to inventions and inventors etc. shall have to be executed through science clubs.
- To organize awareness programmes for health care, food and nutrition, diseases and resistance power etc.
- To organize programmes regarding soil conservation, water harvesting and management, environment etc.
- Entrepreneurship development and training according to local needs.
- To organize awareness programmes regarding agriculture and organic farming.
- Special awareness programmes for the rural and tribal community may be organized.
- To spread awareness through van programme.
- Other scientific programmes, lectures, demonstrations may be organized.
- All the Planning may be done in contact and in collaboration with respective regional community science centre.
- Programmes conducted through application of EDUSAT may be done in contact with GUJCOST.
- To demonstrate films about scientific activities.

File Description	Document
Any other relevant information	[View Document](#)
Best practices as hosted on the Institutional website	[View Document](#)

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:

" To provide students with an environment for the all-round development of their mental, physical, visual, social, and spiritual potentials, together with the attitudes of integrity, hard-work, honesty, fairness and tolerance, so that they give of their very best. Excellence in these fields is to be interpreted in terms of putting the skills developed in each at the service of the socially discriminated groups in our country with a view to setting up a society where all have equal opportunity as children of god." Our college mission with this spirit of sincerity, we believe in high standards of academic, professional, and societal performance.

A Journey Innovation through Atmanirbhar Bharat

The Student Start-up & Innovation Policy of Government of Gujarat aims to create an integrated, state-wide, university-based innovation eco-system to support innovations and ideas of young students and provide a conductive environment for optimum harnessing of their creative pursuit. The Student Start-up & Innovation Policy synergies complementary efforts by different stakeholders while making strong efforts towards cultural change among students, pre incubation support and other necessary measures required in creating and nurturing student innovations and help sustaining them. Primarily, at the education department level, the resources shall be utilized in building innovation support systems, processes and building a university-centric innovation ecosystem across the geography of the state that promotes innovative ideas and inculcates a culture of innovation and entrepreneurship in educational institutions of Gujarat. The policy ensures that the missing links of the innovation value chain like prototype support, IP protection, knowledge-based enterprise development, platform to showcase success stories, and similar challenges get mitigated through policy and allied support. Through this policy, innovation and pre incubation support across the state in academia will be inclusive on sectors, space and other aspects. It will aspire to create student innovators turning start-ups beyond technology domain as well.

 The Student Start-up & Innovation Policy mandates interventions at three levels:

a) State-level (strategy and planning)

b) University-level (contextual policy implementation & handholding)

c) Institution-level (grassroots level deployment and end to end support to ideas and innovations).

Sir P T Science College, Modasa has started a SSIP cell in **Shodh Incubation Start-up centre** from July 2017. SSIP Gujarat sanctioned Rs. 20 lacs for Sir P T Science College, Modasa in Phase-II for various activities to establish innovation, research and startup ecosystem within our institute.

Objectives:

- Outreach and sensitize students for innovation and entrepreneurship.
- To provide support and create an enabling ecosystem for student entrepreneurs.
- To encourage and promote entrepreneurship among students, while also nurturing their entrepreneurial skills and capabilities.
- To create a conductive environment for student start-ups, facilitating access to funding, mentorship, infrastructure and other essential support mechanisms.
- To empower students to become self-employed, job creators and contributors to economic growth and development.
- The contextual features and challenging issues that needed to be addressed in designing and implementing a STUDENT START-UP POLICY may vary depending on the specific goals and scope of the policy.
- Institute provide healthy atmosphere for innovation. Funding is provided by GOG. Addressing the intellectual property rights and ownership of ideas, inventions, or products developed by student start-ups is important.
- Defining policies around intellectual property, including ownership, licensing, patenting, and commercialization can be complex. Creating a supportive ecosystem for student start-ups requires providing access to necessary infrastructure, such as co-working spaces, technological tools, laboratories, or workshops.

A student start-up in the context of India's higher education refers to a business venture initiated and managed by students while pursuing their education. These start-ups can focus on various industries or sectors, and they often aim to solve a problem, meet a need, or provide a unique product or service in the market. Student start-ups may face challenges related to persistence and long-term commitment. Sometimes students may have limited knowledge about target markets, customer needs, and industry dynamics.

- There are 64 projects to present through SSIP.
- Two Project to be patented ,One is Fire Stop System which was presented by Lokesh Prajapati and Second is The Remedial Study Of the Children Suffering from Cerebral Palsy With the Analysis of its causes, diagnosis and Treatment was presented by Shruti Patel

Extension of this activity institute developed SHODH incubation centre.

File Description	Document
Appropriate web in the Institutional website	[View Document](#)
Any other relevant information	[View Document](#)

5. CONCLUSION

Additional Information :

- IQAC prepared a perspective plan keeping in view the suggestions of the peer team.
- Affiliating University has given university Examination Centre our College.
- The College has enriched the Library Infrastructure –Fully Automated to motivate students towards Reading.
- In all Major Subjects, College faculties are representatives at University and play pivotal role in designing curriculum framework.
- The college students secure Gold Medal-university Topper position since last 5 Years in the Academic performance.
- Gymnasium has been upgraded for youth empowerment.
- 33% Girl reservation is given in NCC enrolment.
- Solar Panel has been installed for energy conservation.
- Elevator has been set up for disabled friendly people.
- Greed Audit and initiatives are taken regularly.
- Fee concession is given to All Girl students for enhancing their moral of further study.
- Social commitment is the hallmark of our college.
- Every year 7 Days residential NSS camp has been arranged.
- An Industrial Tour and filed visit are regularly practices every year.
- The College has Finishing School Centre given from Higher education Department, Government of Gujarat.
- More than 200 students issue the Letter of Recommendation for further studies in Overseas.
- Competitive Exam preparation classes are regular practices to motivate students to serve in Government sector.
- The students and staff actively participate in various social extension initiatives.
- Principal office, Administrative office, Central Library etc. upgraded and modernized as per need of time.
- The College provides research incentives to teachers for publishing research papers, and completing their Ph.D.
- The College has an excellent infrastructure facility and ensures its timely maintenance.
- The Institution ensures effective and efficient technology deployment and maintenance.
- The concern for institutional values and social responsibilities are reflected in conducting the regular activities of the Institution.
- Teachers, students, parents and alumni are involved to participate in various activities.
- Institute developed an ecosystem for innovations.

Concluding Remarks :

Sir P T Science College was established by a visionary named Sir Purushottamdas Thakordas in the year 1960. The college is providing the best educational facilities and opportunities to the rural and underprivileged students. It promotes decentralization to conduct smooth and transparent functioning.

With the philanthropic approach of management and staff, the students have resulted in making the college as the most preferred college in the North Gujarat region. There is a continuous augmentation and up gradation of

existing infrastructure. During Covid19 Pandemic, classes were conducted with ICT enabled system. E Governance is implemented in operational areas of Administration, Finance and Accounts, Student Admission, Examination, Library etc. to enhance work efficiency and user friendly approach. IQAC plays an important role in improving quality of curricular aspects of the Institution. The College lay great emphasizes on institutional values and social responsibilities through initiatives like gender equity, environment consciousness and sustainability, human values and professional ethics. The College has taken efforts to contribute effectively to the community in the form of academics, research, gender equity, sports, culture, environment awareness, patriotism and nationalism too.

The future of any Nation is in the hands of young generation by inculcating the thought, the college efforts in the same direction.

However, during the year Covid19, because of some limitation, the college could not go for some regular physical activities

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.2.1	**Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)** Answer before DVV Verification : Answer After DVV Verification :52 Remark : DVV has made the changes as per shared data template document by HEI .
1.4.1	*Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website* Answer before DVV Verification : A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website Answer After DVV Verification: C. Feedback collected and analysed Remark : DVV has selected the C. Feedback collected and analysed as per shared supporting document by HEI.
2.1.1	**Enrolment percentage** 2.1.1.1. **Number of seats filled year wise during last five years (Only first year admissions to be considered)** Answer before DVV Verification:

2.1.1.1 Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
267	395	278	457	568

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
238	333	245	436	568

2.1.1.2. **Number of sanctioned seats year wise during last five years**
Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
395	475	415	505	725

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
395	475	415	505	725

	Remark : DVV has made the changes as per shared data template document by HEI.
2.4.2	*Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)*

2.4.2.1. **Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
21	15	15	16	16

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
12	7	8	7	12

Remark : DVV has made the changes as per shared supporting document by HEI .

3.1.1	*Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)*

3.1.1.1. **Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
15.99	1	1.25	44.75	25.88

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
9.11	1	1.25	44.75	22.88

Remark : DVV has made the changes as per shared data template document by HEI .

3.2.2	*Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years*

3.2.2.1. **Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
15	13	16	8	6

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
11	8	11	6	5

Remark : DVV has made the changes as per shared data template document excluding the days and workshop .

| 3.5.1 | *Number of functional MoUs/linkages 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.*

Answer before DVV Verification :
Answer After DVV Verification :19
Remark : DVV has made the changes as per shared data template document and excluding the duplicates . |
|-------|---|

| 4.1.2 | *Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years*

4.1.2.1. **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**
Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
23.05819	62.48801	29.78225	24.23054	33.54126

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
21.05	60.48	27.78	21.23	32.54

Remark : DVV has made the changes input in lakh . |
|-------|---|

| 4.3.2 | **Student – Computer ratio (Data for the latest completed academic year)**

4.3.2.1. **Number of computers available for students usage during the latest completed academic year:**
Answer before DVV Verification : 95
Answer after DVV Verification: 46

Remark : DVV has made the changes as per shared supporting document by HEI . |
|-------|---|

4.4.1	*Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)*

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)**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
7.64444	11.30645	7.54251	7.62525	16.7582

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
7.644	9.30	7.54	7.625	14.758

Remark : DVV has made the changes input in lakh .

5.3.1	**Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years**

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
8	13	2	06	03

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
3	13	2	04	03

Remark : DVV has made the changes as per shared data template document only considered the national and international level .

5.3.2	**Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)**

5.3.2.1. **Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
353	429	0	534	376

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
76	76	0	49	9

Remark : DVV has made the changes as per shared data template document excluding the students not considered days .

6.2.2	*Institution implements e-governance in its operations*

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

Answer before DVV Verification : A. All of the above
Answer After DVV Verification: C. 2 of the above
Remark : DVV has made the changes as per shared supporting document SL NO 2 and 3 .

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

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**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
3	0	0	2	23

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
3	0	0	2	7

Remark : DVV has made the changes as per shared data template document by HEI.

6.5.2	**Quality assurance initiatives of the institution include:**

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
2. **Academic and Administrative Audit (AAA) and follow-up action taken**
3. **Collaborative quality initiatives with other institution(s)**
4. **Participation in NIRF and other recognized rankings**
5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Answer before DVV Verification : A. Any 4 or more of the above

	Answer After DVV Verification: C. Any 2 of the above Remark : DVV has selected theC. Any 2 of the above as per shared supporting document by HEI .
7.1.2	**The Institution has facilities and initiatives for** 1. **Alternate sources of energy and energy conservation measures** 2. **Management of the various types of degradable and nondegradable waste** 3. **Water conservation** 4. **Green campus initiatives** 5. **Disabled-friendly, barrier free environment** Answer before DVV Verification : A. 4 or All of the above Answer After DVV Verification: B. 3 of the above Remark : DVV has selected theB. Any 3 of the above as per shared supporting document by HEI .
7.1.3	**Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following** 1. **Green audit / Environment audit** 2. **Energy audit** 3. **Clean and green campus initiatives** 4. **Beyond the campus environmental promotion activities** Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. Any 3 of the above Remark : DVV has selected theB. Any 3 of the above as per shared supporting document by HEI .

2.Extended Profile Deviations

Extended Profile Deviations
No Deviations