



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution

P. T. SARVAJANIK COLLEGE OF
SCIENCE

- Name of the Head of the institution **DR. PRUTHUL RAMESH DESAI**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **02612240028**
- Mobile No: **9426854713**
- Registered e-mail **pruthuldesai@gmail.com**
- Alternate e-mail **principal@ptscience.ac.in**
- Address **M T B College Campus, Jawaharlal
Nehru Marg, Athwalines, Surat**
- City/Town **Surat**
- State/UT **Surat**
- Pin Code **395001**

2.Institutional status

- Affiliated / Constitution Colleges **Affiliated**
- Type of Institution **Co-education**
- Location **Urban**

- Financial Status **Grants-in aid**
- Name of the Affiliating University **Veer Narmad South Gujarat University, Surat**
- Name of the IQAC Coordinator **Kileen J. Mahajan**
- Phone No. **02612240028**
- Alternate phone No. **9426854713**
- Mobile **9825072063**
- IQAC e-mail address **kjm@ptscience.ac.in**
- Alternate e-mail address **kileenmahajan@gmail.com**

3. Website address (Web link of the AQAR (Previous Academic Year))

https://drive.google.com/drive/folders/1ccr0garyRMI4A7yGOfuDu7DdpXhFTcaW?usp=drive_link

4. Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

<https://ptscience.ac.in/upload/academic%20calender/Academic%20Calendar%202023-24.pdf>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	84	2007	31/03/2007	30/03/2012
Cycle 2	A	3.03	2015	03/03/2015	02/03/2020
Cycle 3	A+	3.35	2022	20/12/2022	19/12/2027

6. Date of Establishment of IQAC

01/07/2007

7. Provide the list of funds by Central / State Government

UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
INSTITUTIONAL	RASHTIRYA UCHCHTAR SIKSHA ABHIYAN	KNOWLEDGE CONSORTIUM OF GUJARAT	2019	500000
FACULTY - DR. KETAN PARMAR	RESEARCH GRANT	VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT	2023	250000
FACULTY - DR. NITINKUMAR SOLANKI	RESEARCH GRANT	VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT	2023	198950
FACULTY - DR. NILAM MISHRA	RESEARCH GRANT	VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT	2021	55000
FACULTY - DR. DHIRAJ SHAH	RESEARCH GRANT	SPACE APPLICATION CENTRE - ISRO	2022	300000
FACULTY - DR. JAGRUTI RANA	RESEARCH GRANT	VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT	2023	220000
FACULTY - DR. SUTAPA MONDOL ROY	RESEARCH GRANT	SERB	2024	242716
FACULTY - DR. JAYABEN PATEL	RESEARCH GRANT	VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT	2023	196650
FACULTY - DR.	RESEARCH GRANT	VEER NARMAD SOUTH	2021	300000

AMITKUMAR PUROHIT		GUJARAT UNIVERSITY, SURAT		
FACULTY - DR. JAIMIKABEN SURAWALA	RESEARCH GRANT	VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT	2023	200000

8. Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC [View File](#)

9. No. of IQAC meetings held during the year **1**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**
- If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

10. Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

NEP-2020 was implemented. Student Startup and Innovation Program (SSIP) is running successfully and students have benefited. Finishing School, sponsored by the Knowledge Consortium of Gujarat, was conducted. A Five-Day FDP, sponsored by KCG was successfully conducted by the college.

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

Plan of Action	Achievements/Outcomes
Autonomous Status and its implications	It was decided to implement it from the Academic Year 2024-25
Information on MoU with Adani Port Pvt. Ltd. Hazira.	<p>Courses started and some students have been employed by Adani Ports Hazira. two batches of students have been trained. The first batch consisted of 15 students out of which 4 students were placed in the company. The second batch of 19 students have finished their training at the college but are under field training till 10th August with the company. Placement results will be available after the training is over.</p>
MoU's under discussion with various Institutes/Industries	MoUs signed with both the institutes and Industries
New courses to be offered -- suggestions from members	Discussions and feedback process is ongoing. It is envisaged to introduce Skill based or certificate courses in the coming year.
Planning for new Governing Body, Academic Council and Board of Studies.	Governing Body, Academic Council and Board of Studies of all subjects formed. Meetings were also held to approve subjects and syllabi under autonomy from 2024-25.
Continuation of student-centric policies - more emphasis on site visits and field training.	Field visits are being arranged for students. Industrial training (M.Sc. Chemistry) was arranged during the vacation.
Use of Blooms taxonomy in designing new syllabus.	FDP held for the same and teachers did align their syllabi as per training imparted.
Training for Zoology students in Aquatic (Prawns) culture.	Students did visit the aquaculture farms of Dr. Manoj

	Sharma. He has shown I interest in taking up special classes for students on Aquaculture and Prawn farming.
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13. Whether the AQAR was placed before statutory body? **No**

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Part A**Data of the Institution**

1.Name of the Institution	P. T. SARVAJANIK COLLEGE OF SCIENCE
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• Designation	Principal
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13. Whether the AQAR was placed before statutory body?	No
<ul style="list-style-type: none"> Name of the statutory body 	

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2022-23	28/02/2024

15. Multidisciplinary / interdisciplinary

As the Institute is affiliated to Veer Narmad South Gujarat University (VNSGU) Surat, it is mandatory for it to follow prescribed curriculum of VNSGU. To make students aware of the current environmental crisis, the syllabus offers a paper of environmental studies to B. Sc. Sem. I and Sem. II students as a compulsory subject. To make them more competent in the job market, they are taught English as a mandatory subject in all the six semesters. In subjects like Botany and Zoology, students are encouraged to take part in field trips to increase their practical knowledge. Students in subjects like Physics and chemistry are also encouraged to visit research laboratories like, PRL, IPR, Observatory, Chemical industries etc. to increase their knowledge base. Moreover, to strengthen the fundamentals of the students and make them competent, the college offers University recognized certificate courses in various subjects. To improve multidisciplinary approach of the students, the college arranges invited talks on various topics including Nobel Lecture Series since many years. These lectures not only provides them novel research taking place but also pursue them to opt for higher studies in various fields.

16. Academic bank of credits (ABC):

The Academic bank of credits of majority of the students of our college is opened and they are active. The students are getting updates about their credits on a regular basis.

17. Skill development:

The college is already running a few certificate courses that enhance the skills of the students. We have planned to introduce few more courses in future so that students can develop different skill sets in different subjects, which will eventually make them ready to be absorbed in the job market with handsome salaries. The college constantly pursues activities related to soft skill, patriotism, social responsibility and

their overall development. These activities boost their moral, increases their potential and channelize the young generation. the college offers opportunity to opt for NCC, NSS, Physical training, arranges Finishing Schools, Certificate Course in Arduino etc. The college has SSIP center, which not only encourages the students to dream, but also guide them to channelize their ideas leading to patent their designs/products. The college also arranges talks to celebrate National / International days, which inculcate morality, ethics, positivity, humanity, value of life etc. among the students.

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

The college has implemented NEP - 2020 from the current Academic year. As per NEP, a course on Indian Knowledge system (IKS) is compulsory for all the students. So all the students of the B. Sc. Sem. I and Sem. II learn it. Simultaneously, the college encourages all the students studying in the college to adopt Indian culture and value system. It encourages the students to join different online courses to improve their fundamental knowledge in this field.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Currently, it has become a need to introduce outcome based courses. Even NEP also emphasizes on this. Hence the Institute has prepared Program Outcome (PO), Program Specific Outcome (PSO) and Course Outcome (CO) for each course and is displayed on the college website. It is the routine practice of our teachers to discuss PO, PSO and especially CO in the first lecture of the concerned semester.

20.Distance education/online education:

Currently, the VNSGU has not made any provision for providing distance education program in the science faculty and as an affiliated Institute, it applies to us too. During COVID-19 pandemic, we have procured Microsoft Teams and Google Classroom software. Our faculty members, being techno savvy, have prepared their lectures in power point presentation mode and have been able to conduct their online classes smoothly. Even the internal exams were also conducted in the online mode during this pandemic. Moreover, to keep students busy and away from any psychological pressure, the Institute has also arranged webinar series in all subjects during this crucial time.

Extended Profile

1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	351
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	493
File Description	Documents
Data Template	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	267
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	479
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	38
File Description	Documents
Data Template	No File Uploaded
3.2	39

Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	16
4.2 Total expenditure excluding salary during the year (INR in lakhs)	132
4.3 Total number of computers on campus for academic purposes	127
Part B	
CURRICULAR ASPECTS	
1.1 - Curricular Planning and Implementation	
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process	
<p>P T Sarvajanik College of Science is permanently affiliated to the Veer Narmad South Gujarat University (VNSGU), Surat. The syllabi of the courses are designed by the Board of Studies of the respective subjects.</p> <p>The University brings out its academic calendar at the beginning of the year. The HOI conducts a meeting of all the HODs at the beginning of every semester to chalk out the strategy to implement the academic calendar and other activities for the academic year. The IQAC provides valuable inputs from the previous years' experience and guides all the HODs about implementing it.</p> <p>Subsequently, the HODs arrange departmental meetings wherein the discussion with the HOI and IQAC coordinator are shared with the departmental faculty. The HODs also distribute the topics amongst the faculty and assign the syllabus along with the plans of the departmental activities.</p> <p>Extra classes are conducted for preparing advanced learners for competitive exams.</p>	

The Institute library plays a pivotal role in dissemination of knowledge by providing individual user IDs to all the students including research students and the faculty for INFLIBNET access.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://drive.google.com/drive/u/2/folders/1Kox7Uo5LrTxAodrZPwVc5A1otPnCfRxC

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The academic calendar is prepared by the VNSGU and the Institute follows it. The departments of the Institute chalk out their teaching plans accordingly. A general time table of the Institute is prepared and circulated amongst all the departments and displayed on the notice board as well as uploaded on the college website.

The internal examination for all the theory subjects is conducted through a common time table as per VNSGU guidelines. Each faculty gives assignments to the students which are to be submitted by them within the stipulated time limit. The internal marks are displayed on the notice boards and students are given an opportunity to raise their queries against the marks given, if any. Any grievance is brought to the notice of the respective HODs and is resolved to the satisfaction of the student.

The internal assessment for practical is based on viva, attendance in the regular laboratory work and their journal submission.

A special supplementary exam is conducted just before the semester end university exam for those students who could not appear in the internal tests for a genuine reason.

The VNSGU announces dates of conducting the external examinations and the necessary arrangements for conducting them at the Institutional level are made.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://drive.google.com/drive/u/2/folders/11ASCHrQwjxYzG_yvSVOwW8GDwxXTYW30

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

351

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

7

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

210

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

210

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment**1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum**

Some cross-cutting issues relevant to Gender, Environment and Sustainability, Human values and Professional Ethics are already integrated into the curriculum at various levels. Additionally, we organize number of programs such as invited talks and awareness programs etc. to sensitize the students for these issues.

Professional Ethics: The Institute has placed on its website a code of conduct for the students which is implemented in letter and spirit during the regular discourse.

Gender equality and Human values: The Institute organizes seminars/invited talks to sensitize the students about gender

equality and human values.

Environmental Studies: The students learn environmental studies which brings awareness among them about the current environmental issues.

Non-renewable Energy Sources: The students learn about the non-renewable energy sources, their limitations, why we should be worried about incoherent use of these resources etc.

Renewable Energy Sources: The students learn about the renewable energy sources, how to increase their use to offset the greenhouse effect etc.

Marine Science: The students come to know the underwater world of living organisms.

Horticulture: It helps the students grow flowers, fruits, vegetables, herbs, ornamental plants etc.

Catalysis and Green Chemistry: The students are trained to use renewable raw materials, eliminating wastes and avoiding the use of toxic and hazardous reagents.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

102

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

125

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	E. None of the above
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File Description	Documents
URL for stakeholder feedback report	No File Uploaded
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	No File Uploaded
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

544

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

221

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The Institute has developed its own method to determine the slow and advanced learners based on the following criteria:

- Performance at XII / UG level
- Interaction during orientation program, classroom teaching, laboratory work etc.
- Performance in the internal exams

Once the identification is done, the Institute meticulously implements activities specially curated for them.

The Advanced Learners are encouraged to:

- Access ICT facilities and maximize the use of INFLIBNET.
- Apply for Summer Internships.
- Attend Workshops/Seminars.
- Prepare for the competitive exams like JAM, JEST etc.
- Present papers/projects at various state/national seminars/exhibitions.
- Maximize their score at the University examination and secure University ranks

For slow learners, the Institute has taken following measures:

- Remedial classes are conducted by the faculty in which the topics that are difficult for them are discussed at a customized pace.
- Peer learning is encouraged by asking brighter students to group discuss those topics.
- Additional study material is provided to them.
- The faculty provides them valuable tips to improve their performance

Efforts for Specially Challenged Students:

- Online training sessions were conducted in collaboration with Xavier's Resource Centre for the Visually Challenged (XRCVC), Mumbai.
- One group - "Helping Hands"- has been formed to volunteer for this noble cause.
- Audio notes and tactile diagrams are prepared under the guidance of the faculty.
- Extra sessions are conducted for them.
- Peer learning is encouraged.
- Laboratory instruments are also modified according to their need

File Description	Documents
Link for additional Information	https://assessmentonline.naac.gov.in/public/index.php/admin/get_file?file_path=eyJpd iI6IjQ1SU14UVRLMnBhYmEwb3JmMU9UVkE9PSIsInZ hbHVlIjoiOGtGUzBWM3Z0MUhsRWYySlQvY3lhCUVxW FlHQmhSZ05FaFRrVXJgQldRVWZCdDNyNHdNd0V5Q25 uNzlCK2djNSIsIm1hYyI6IjliNzdiZTJkMWY3ODVmY jNmOGVmNWNkOTI0NWY0YjA3ZWRjNDZhOGFjYTdiM2Y 0MDVmNTBkNDFmOWY4MzI0NjgiLCJ0YWciOiIifQ==
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1320	39

File Description	Documents
Any additional information	View File

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

Experiential Learning:

Science subjects involve practical - an important component of scientific learning. Each practical course has an integrated component like hands-on experience, maintenance of records, developing skills to handle advance instruments error estimation

etc.

- The Institute also arranges field visits, industrial visits, NSS/NCC camps, which help students learn life-skills, soft-skills, communication techniques etc.
- Dissertation Projects involving data collection, analysis, interpretation of results and conclusions help in widening the knowledge span and developing scientific temper among the students.
- The students are encouraged to take part in various extra-curricular and co-curricular activities through different clubs. Inter/intra-college events. It brings to forefront their hidden talents.
- Sky gazing activity is held on a regular basis. All rare celestial events are observed through the telescope and the event is kept open for public at large to view. Students are taken to the place, free from background lights and pollution, to observe and get enthralled by the beauty of the night sky.
- Students are given freedom to organize different competitions such as ppt presentation, poster making etc.
- The Institute invites prominent scientists, professors, eminent persons from all walks of life so that the students learn by interacting with them.
- During regular classes, the faculty encourages the students to develop necessary analytical skills, problem solving skills etc.

Participative learning:

The students are encouraged in the participative learning through the following processes:

- Classroom discussions
- Seminars and projects
- Analysis of research papers
- Wall magazines

File Description	Documents
Upload any additional information	View File
Link for additional information	https://docs.google.com/document/d/1xxqLkxwwLh_6oFauVT8xICEuQ4zpfKzi/edit

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The Institute has recognized the importance of ICT enabled tools in enhancing teaching-learning process. So, all the classrooms have been equipped with LCD projectors, speakers and the entire campus is Wi-Fi enabled. All the departments are IT-enabled with internet, Wi-Fi and/or LAN connectivity. Conference hall and auditorium are well-equipped with the latest audio-visual facility. Laptops/desktops are provided to the departments.

The faculty have gleefully adopted a blended approach of using chalk and talk method and ICT enabled tools method. The faculty prepares their lectures in the form of ppt presentation, which is embellished using videos and animations. The Institute has purchased a licensed copy of GSuite which is generously used by the faculty. The Government of Gujarat has also given the Institute a licensed copy of MS Teams and online classes/seminars are conducted using MS Teams and Google Meet.

Online Quizzes and other activities are also conducted through GSuite/MS Teams.

The central library of the Institute is equipped with various e-learning resources such as DELNET and ADINET. For extensive access of the INFLIBNET facility, individual user IDs of faculty and the students are created. The students are encouraged to watch NPTEL video lectures to clear their doubts and improve their fundamentals. Educational CDs and DVDs are available as learning material in the central library.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://docs.google.com/document/u/2/d/1racJilLEsl3QjM4JRblNxB10IdOUw-A1/edit?usp=drive_web&oid=101858760944666241895&rtpof=true

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

2.3.3.1 - Number of mentors

37

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	No File Uploaded
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

37

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	No File Uploaded

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

31

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

531

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

For the internal evaluation of both theory and practical, the Institute follows the rules laid down by the VNSGU. The announcement of the schedule of the internal tests is made well in time. The timetable for the internal test is displayed on the Institute website and also on the notice board. The syllabus for the test is communicated to the students in the class by the faculty.

Apart from the theory examination, the students have to appear for the internal practical examination/viva. A student who fails to fulfil the minimum attendance rules of the VNSGU is disqualified from the final examination.

Those students who remained absent during the internal exams for some genuine reasons are given the option of appearing for additional test as per the VNSGU rules. Internal marks are displayed on the notice boards.

In case a student has any grievance in the marks scored in the internal examination, he/she contacts the HOD, who in turn discusses the matter with the respective faculty and then calls the student in person to resolve the query.

Once the evaluation of internal test is over, the faculty discusses the general performance of the class and share his/her overall observations highlighting the ways to improve further.

File Description	Documents
Any additional information	View File
Link for additional information	https://docs.google.com/document/d/1s0-q8HWSIWdoH-GAuYmJEaUnSC6GOf6e/edit?rtfopof=true

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Internal Examination:

A Local Examination Committee (LEC) is established whose specific task is to address the grievances related to examinations. In case a student has any grievance related to internal evaluation, he/she has to write an application to the HOD of the concerned subject. The HOD consults the concerned faculty. He discusses the complaint with the faculty and tries to resolve it. After that, he calls the student in person and explains him/her the solution. In a rare situation, if the student is not satisfied with the explanation and refuses to budge, the matter is brought before the LEC which takes the stock of the situation and on consulting the HOD gives the final decision. If required, it calls the parents of the concerned student and convinces him/her about the decision taken by the LEC. The LEC's decision in the matter is binding for everybody.

University Examination:

The common grievances brought to the notice of the LEC are:

- Change of name or name misspelled in the admit card
- Wrong allotment of subjects
- Results withheld without giving any reason by the University
- Answer sheets undervalued (reevaluation)
- Questions asked in the paper are out of the syllabus

The applications related to such grievances are forwarded to the University.

In case a student is caught using unfair means, the LEC looks into the matter and recommends its findings to the University for further actions. The entire process is carried out in time bound manner.

File Description	Documents
Any additional information	View File
Link for additional information	https://docs.google.com/document/d/1zAtuvpB3F-6U0XSNO2UJsPHgkFnDt600/edit

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The Institute gives a high focus on providing learners with outcome-based education in order to instil numerous skills, values, aptitudes and competences such as critical thinking, problem-solving ability, in-depth knowledge and experiential learning.

As the Institute is an affiliated college, it has used the affiliating university's syllabus to express the required learning goals for the various programs and courses offered at the under-graduate and post-graduate levels. The Institute makes an attempt to address multiple components of excellent teaching-learning such as experiential learning, skill development, critical thinking and analysis while producing these learning outcomes.

The HODs along with the respective teaching faculty, discuss the syllabi prescribed by the affiliating university to prepare the learning outcomes at the start of each session. If the affiliating university makes any changes to the syllabi, they are given proper consideration in order to alter the learning outcomes for a specific programme or a course.

The learning outcomes are then widely disseminated on the college website. The college also hosts an orientation event for the first semester students during which the principal and staff members share the learning goals with students.

This has made a significant contribution to the instillation of desirable abilities, values, aptitudes and competences in learners as well as in the enhancement of college academic standards.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://drive.google.com/drive/u/2/folders/1zwWrgaOoRasnQ5gd501kxqlfgoBTtPgN
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Preparing the program outcomes (POs) and course outcomes (COs) and displaying them on the institutional website is one aspect and evaluating and analysing them at the end of the academic year is another and perhaps more important aspect that any Institute should look into and we are no exception to it. It reflects our strengths and shows our weaknesses that can be focused on for further improvement and quality assurance.

In view of this, all the departments of the Institute, under the guidance of IQAC, strive to achieve the POs and COs by organizing various academic, co-curricular and extra-curricular activities for the learners on a regular basis.

A comprehensive mechanism for the evaluation process is based on the performance of the students in both the internal and the external examinations, assignments, performance in the practical viva, participation in various co-curricular and extracurricular activities etc.

The degree of attainment of POs and COs can be assessed based on the following parameters:

- The number of University toppers of the Institute during the last five years
- Number of students qualifying in the National/State Level competitive examinations such as NET, GATE, SLET, JAM, JEST, GPSC etc.
- Number of students getting enrolled for their higher studies after completing their graduation/ post-graduation from the Institute
- Number of students getting admissions in the Institutes of repute abroad
- Their employability and employment

- The salary they receive in their jobs
- Their overall earning etc.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://drive.google.com/drive/u/2/folders/1p3oRAOUOLVhmmwx2dduyfkn9C6YongX8

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

388

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://www.ptscience.ac.in/pages/feedback-and-student-satisfaction-survey/>

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 year (INR in Lakhs)

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

19.63

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

5

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://docs.google.com/document/d/1opOMzEpPvZRDk1lRa4j0NhwRcdTiOEmv/edit#heading=h.30j0z11

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

1

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards	
3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year	
3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year	
11	
File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File
3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year	
3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year	
6	
File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File
3.3 - Extension Activities	
3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year	
<p>To effectuate the stated vision of the Institute which comprises the prime goal of instilling a spirit of camaraderie amongst students and sensitize them regarding their role and duty towards Nation building, the NSS and NCC units were established. Various activities conducted by the NSS and NCC units provide an ideal platform to the students to address social issues.</p> <p>Blood Donation: Another imperative program organized by the Institute is "Blood Donation Camp" in collaboration with the "Sardar Vallabhbhai Patel bloodbank, Surat."</p> <p>Annual NSS Camp: The NSS unit organizes an annual camp mostly in</p>	

residential schools, which helps the students to understand the struggles of the under privileged sectors of the society and there by developed empathy. During the camp, students interact with school students to understand their problems, motivate them and help them in studies, inculcate hygienic habits and moral values among them, create awareness programs for local people, offer services at the local Primary Health Centre, undertake cleanliness drive etc.

Women Empowerment: Ours is a co-educational Institute with large number of girl students. So, it is our primary responsibility to create empathy among students for gender issues and to create health and hygiene awareness. To address such issues, NSS conducts various activities like "Beti Bachavo-Beti Padhavo Abhiyaan", "Self-defence Training", organize invited talks on "181-Abhayam", "Breastfeeding Awareness", "Women Empowerment" etc.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/u/2/folders/1XDgvTYMFKcKmVrrEREhWwgVuv0oV0tCU
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

1

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

23

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

1262

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

11

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

11

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The campus of the Institute spans across an area of 3.5 acres. It has a Main building, a Biology building, a Library building, a Health centre, a Canteen, Girls' and Boys' hostels, Botanical Gardens and a Pavilion.

Classrooms: The Institute has twenty one classrooms, sixteen of them are equipped with LCD projectors. Four of them have a capacity to accommodate more than 160 students.

Laboratories: Chemistry department has five laboratories and Physics department has seven laboratories and one research laboratory each. Botany department has three laboratories. Zoology department

has three laboratories and one research laboratory. All are spacious and equipped with latest instruments.

Library: The library houses nearly 18770 books in a two-storied building. It has separate reading rooms for teachers and students. It is computerized with SOUL software and one computer serves as kiosk for OPAC. It is equipped with RFID facility that is used for books issue and return.

Conference/Seminar Hall and Board Room: The Institute has a Conference/Seminar Hall and a newly developed Board Room, equipped with a computer, an LCD projector and a printer. It is Wi-Fi enabled, too.

Tara-Moti Hall (Central Hall): The Institute has state-of-art centrally ac hall with a very high resolution video wall, sophisticated sound system, collapsible motorized curtain and a seating capacity of 390.

Botanical Gardens: The Institute has developed two botanical gardens in which different types of saplings are planted.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/u/2/folders/1cxT-cJIdN4E88u6erKmXBQ42qHIqiKYz

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The Institute has more than adequate facilities for cultural and sports activities. The details are given below:

Tara-Moti Hall (Central Hall): Institute's auditorium is named "Tara-Moti Hall". The Tara-Moti Hall has a grand, stupendous theatre structure with steps, which gives clear view of the stage from any corner and has a comfortable sitting capacity of 390 persons. The stage of the hall is large enough to conduct professional plays. The Tara-Moti Hall is equipped with all-in-one Podium, LCD projector, screen and an excellent audio system. The Tara-Moti Hall is regularly used for seminars/workshops, talks, screening movies, displaying cultural activities etc.

Conference Hall: The conference hall is equipped with ICT facility with seating capacity of 40. The hall is fully air-conditioned with a round table structure.

Sports Facilities: The sports facilities available on campus are given below:

Two indoor halls: one for boys and one for girls for playing Badminton and Table Tennis

Outdoor Facilities:

Play Ground: For Athletics, Cricket, Football, Hockey, Handball, Tug of War etc.

Volleyball Ground: For Volley ball, Kabaddi etc.

Tennis Ground: For Tennis, Kho-Kho etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/u/2/folders/1KxjvNVj4mN52xSt7Itw7EB9h1YOxflpm

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

19

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

19

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/document/d/1BND_ENCjgejwunIMWgtIPMIC8RAOTc3J/edit?rtfpof=true&tab=t.0
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

39.72

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Our Institute has a well-maintained spacious central library facility with nearly 18770 books. It has hundreds of textbooks, novels (in Gujarati and English) and other useful resources that can be considered rare. It also subscribes to various science journals (around 12), a large number of magazines and leading newspapers.

It has been registered with N-LIST (INFLIBNET) since 2009. It is RFID enabled. It is using SOUL 2.0 software to keep track of the access to the books, issue and updating of the stock. Its database is shared across the country via DELNET, GujCat and ADINET platforms.

RFID Implementation: 2017

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://drive.google.com/drive/u/2/folders/1zkM6K8cbMC64zNouwfatsS1uWd3zBjWJ

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

B. Any 3 of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

1.92

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

5

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Time to time, the Institute has updated its IT facilities by increasing number of computers, printers, scanners, LCD projectors and licensed software. The entire campus is Wi-Fi enabled with a high-speed internet connection. All the departments are equipped with desktops, laptops, printers, scanner and Wi-Fi. Each department is connected with 50 mbps broadband line for computer aided teaching and learning. Licensed copies of Quick Heal Antivirus package have been installed in all the computer systems to ensure security and protection of the computers.

All the classrooms are equipped with LCD projectors and CCTV cameras. Departments of Physics, Chemistry, Zoology and Botany have visualizers that are utilized during both laboratory as well as classroom teaching. The Institute has computer lab with internet facility, which is equipped with different operating systems like Windows and Linux. We upgrade our computer lab by including computers with latest configurations on a regular basis. Students as well as the staff members can utilize this facility.

The library has been registered with N-LIST (INFLIBNET). All the staff members and students have been allotted a separate individual user IDs to access and utilize plethora of e-content (eShodhSindhu, e-journals, e-books, e-magazines, Shodhganga, etc.) available free of cost. The library is partially digitalized through RFID system and it is equipped with SOUL 2.0 software to maintain the database.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/u/2/folders/1ooVI92suyKOUAunN8dUjB7zdI_sTjZBy

4.3.2 - Number of Computers

127

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)****4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

245.24

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The Institute is very conscious as far as the maintenance of infrastructure and updating other facilities are concerned.

Building Maintenance: The Sarvajanic Education Society (SES) has a well-established Estate Department that takes care of building

maintenance.

Electrical Maintenance: For routine servicing, repairing and replacement of electrical accessories and installations in the campus are carried out by the Estate Department of the SES.

Library Maintenance: Computers in the library and other peripherals are repaired and upgraded from time to time under the AMC.

Laboratory Maintenance: The equipment stock, chemicals stock, stock of glassware, slides, specimens, herbarium, charts, models etc. in the laboratory are maintained and audited regularly by the laboratory assistants and Faculty-in-charge of respective laboratories.

ICT facility Maintenance: AMCs are in place with different professional agencies for the maintenance of ICT facilities. The support facilities like replenishing of consumables like laser printer toners, photocopying machine toners, laboratory chemicals, stationary items etc. are also made available through preauthorized vendors.

Surveillance system maintenance: The entire campus is under CCTV surveillance. An AMC is given for maintenance of entire CCTV surveillance system.

Other maintenance: Air conditioning systems and the water purification systems maintained through AMCs. In order to take care of the Gardens including botanical gardens and the lush green outfield of the college cricket ground, an AMC has been signed.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/u/2/folders/1rXnrlyHjEb2EJTptmmlUROflyJUZP09r

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**38**

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year**5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year****312**

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

C. 2 of the above

File Description	Documents
Link to institutional website	https://www.ptscience.ac.in/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

94

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

94

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

26

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

206

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State

government examinations) during the year

10

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

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 year****5.3.1.1 - 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 year.**

0

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The students do get to play an active role in NCC and NSS activities.

By participating in various activities, the students understand the value of hard work, perseverance, inventiveness, togetherness, empathy and ethical conduct.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/u/2/folders/1d0OQYrl5sSHIcdHH1kjTZRR-x40yyL4er9
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

41

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

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

With a view to bridging the gap between the former students and the Institute, an alumni association was established in the year 2007 and was named "Sir P. T. Sarvajanic College of Science Alumni Association."

Since its inception, the Alumni Association has gone from strength to strength. The Institute boasts of Alumni who have carved out niche for themselves in wide spectrum of fields and various walks of life.

The Alumni engage with their alma-mater in the following ways:

- Every year, it mobilizes funds to donate books to the 'Poor

Boys Book Bank' which is maintained by the Institute's library

- Every year, it helps poor students by providing them freeships
- It helps in organizing Industrial visits
- It provides a platform for interaction among the past students
- It felicitates, honours, encourages the past students who have earned special accomplishment in any field
- It donates valuable scientific equipment
- It completely or partially sponsors some invited talks and seminars

Annual General Body Meeting: Each year, an annual general body meeting of the members of the association takes place during June/July. The managing committee of the association is formulated for the span of three years in this meeting. Furthermore, all the resolutions passed by the managing committee are approved in the meeting.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/u/2/folders/1tQGA2m7KAlh8M-riHu4FzJ-OxvPHCPSy
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

A. ? 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The institute is running a variety of courses in UG and PG programs due to diverse needs. It necessitates a clear understanding of the vision and mission of the institute. Hence, it should be buttressed by diligent persistent work in that direction.

The Institute has realized that besides the regular curriculum and prescribed syllabi, it is necessary to develop an environment of scientific temper amongst the students and simultaneously provide them all the possible opportunities to be a part of the latest developments. In this context, the Institute regularly invites eminent speakers from various fields of scientific expertise to interact with the students. Visits to renowned laboratories, industries etc. are also regularly organized to get a first-hand experience of modern instrumentation techniques, work culture in the industry etc. The students of life sciences visit different sanctuaries, eco-tourism sites, botanical garden etc. to get first-hand experience of life in its natural habitat.

The Institute has adopted a decentralized approach for smooth and efficient functioning of various departments.

Teachers are members of various committees and a camaraderie amongst the staff has been a noteworthy feature of the Institute, which is a direct outcome of the democratic ethos of the Institution.

File Description	Documents
Paste link for additional information	https://assessmentonline.naac.gov.in/storage/app/hei/SSR/104369/6.1.1_1652432744_3568.pdf
Upload any additional information	View File

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

In order to manage and ensure the smooth functioning of its constituent institutes, the Sarvajanik Education Society (SES) has formed a unique two-tier system. The first tier is at the level of the overall administration of the college. A General Body (GB) and a Finance committee have been formed looking into the need for the autonomous status to the Institute. They are formed as per the norms of the UGC. Various affairs of the college are discussed in the GB and finalized.

Another tier of decentralization is at the departmental level. In the beginning of the academic year, the HODs are informed to prepare a list of the requirements for their respective departments that includes books, equipment and any other

infrastructural/academic facilities. The HODs consult the teaching and the non-teaching staff members of the department whence, after deliberation, finalizes the proposal which is then put forward in the Finance Committee. This financial decentralization by way of participative management is indeed one of the outstanding features of our college and a classic example of healthy management and institute relationship.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institutional perspective plan outlines key priorities and recommendations to elevate the Institute to a level comparable with the nation's premier institutions. For effective implementation, several initiatives have been undertaken:

Faculty members actively contribute as Chairpersons of Boards of Studies (BOS) and participate in various Veer Narmad South Gujarat University (VNSGU) committees. Under the RUSA 2.0 scheme, a grant of INR 50 lakh has been allocated to advance student learning and research. The Institute boasts ICT-enabled classrooms equipped with audio systems, complemented by five camera-based visualizers for projecting books, specimens, or computer screens onto LCD screens. To enrich the teaching experience, staff utilize tools like PowerPoint presentations, YouTube videos, and visualizers. Subscriptions to G-Suite and Microsoft Teams facilitate online teaching, courtesy of the Gujarat Government.

Research initiatives sponsored by ISRO, DST-SERB, and VNSGU have been pursued, and RUSA 2.0 funding supported the construction of a new PG building. The campus offers full Wi-Fi connectivity, and the library employs SOUL 2.0 as its LMS, providing online references via ADINET and DELNET. Cloud-based Institute Management Software is in use. Alumni and industry partners such as Anupam Rasayan and Unitop Chemicals actively fund infrastructure and student activities. Sustainable initiatives include rainwater harvesting, solar streetlights, and an on-campus vermicompost unit.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://ptscience.ac.in/pages/perspective-plan/
Upload any additional information	View File

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

The SES is governed by the managing committee, which appoints the Chairman of the Society. President of the society is elected in the Annual General Meeting. The Chairman and the President are assisted by two Vice-Chairmen and two Vice-Presidents respectively.

The GB acts as an interface between the Institute and the management.

At the institutional level, the HOI acts as a bridge between the management and the staff. The HOI is assisted by the members of the IQAC, the HODs and the non-teaching staff.

The academic setup has various departments that consist of the teaching and non-teaching support staff including the laboratory staff. The practical work is carried out in the well-equipped laboratories. The laboratory staff has a laboratory assistant who looks after the regular upkeep of the laboratories and also manages the maintenance of the instruments or other consumables.

The Institution strictly follows the service rules laid down by the Government of Gujarat and the VNSGU, which has code of conduct in the document 69A for the teachers and 69B for the non-teaching staff.

The Institute has constituted several committees that aid in better management of various activities and ongoing processes. The committees comprise of not only the staff members but also students, in some cases.

Some of them are:

- Finance and student welfare committee
- Gymkhana committee
- Local Examination Committee
- Grievance redressal committee
- Library committee
- Sexual harassment committee
- Campus placement cell

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1tbG84QOzzregua0geGYaSW4CO0oxQBoV/view
Link to Organogram of the Institution webpage	https://ptscience.ac.in/pages/organogram/
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff

The Institute has taken various measures for the professional development and welfare of the teaching and non-teaching staff. Some welfare measures for the teaching and nonteaching staff are listed as follows:

- Leaves admissible as per the government rules can be availed off by the staff

- On Duty Leave (ODL) is provided to the staff members for attending examination work, evaluation work, BoS meeting, attending workshops/seminars/conferences/ orientation courses/refresher courses/faculty development programs etc.
- There is a Registered Co-operative Credit Society on the Campus, managed by the employees of the various institutes of SES, which provides services like deposit and loan to its shareholders
- The departmental staff rooms are equipped with necessary furniture
- The ladies' washroom is equipped with a pad vending machine and a disposal unit with incinerator
- A tea club has been setup, which is jointly funded by the teaching staff members. The hamaal (peon) staff is provided with tea once a day from this club at no cost
- The gymkhana room has a treadmill which is used by the staff members
- A health centre with a full-time doctor is operational on the campus and is functional during 11:00 am to 5:00 pm
- The peons/hamaals are provided with uniforms (2 pairs) every year
- The hamaals in the Chemistry department are provided with safety shoes, safety gloves and safety goggles since they are exposed to chemicals while handling them in the laboratories

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/u/2/folders/1gXzMg_Xt27DwxqcN7gKp-Wi0YcOdkl_y
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

11

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

1

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

22

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

For the teaching Staff

The performance appraisal of the teaching staff is done as per the format approved by the VNSGU. The faculty members fill up the following digital data on the Institute's ERP.

1. Personal Details
2. Academic Progress

- Faculty Development Programs attended
- The pedagogy used in the classroom
- Training underwent/additional qualification acquired

1. Research and Publications

- Number of research publications
- Doctoral or post-doctoral activity
- Papers presented

1. Extension Activity/ Event participation

- Details of extension activity, if any
- Details of outreach programs organized or actively participated

1. Student Support Activities

- Extra-curricular activities organized
- Co-curricular activities conducted

- Club activities organized
- SSIP establishment

1. Leadership abilities

- Any program initiated by the teacher
- Activities organized
- Activities in which faculty/students were MOCs

1. Contribution to the Institution

- Any data regarding activities that benefit students and the Institute

Promotions and other benefits are decided as per the Government norms and the performance appraisal is prepared by individual and assessed by the IQAC. The API score is submitted through the IQAC for all promotion related events.

For the non-teaching Staff

The Performance Appraisal Report of the non-teaching staff is taken on an annual basis using a structured questionnaire.

The non-teaching staff members are appraised on the following parameters:

- Work efficiency
- Time management
- Updated knowledge
- Knowledge of computers
- Punctuality at work
- Communication skills etc.

The report based on the assessment of the above parameters is submitted to the HOI for further action.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The Institute conducts the internal and external financial audits periodically. The Institute keeps the record of all the Income and Expenditure of the Institute.

Internal Audit:

It is conducted twice during a year by an auditor, appointed by the SES. The audited report is presented in the GB by the HOI for consideration and approval.

The audit includes the following:

1. Checks for compliance with policies, laws, regulations and budgetary provisions
2. Comparison between the previous financial statements and the present ones
3. Reviewing reliability and integrity of financial and operating information and the means used to identify measure, classify and report such information
 - Noting of provisions applicable
 - Authorization of fee concessions, controls and policies
1. Review the means of safeguarding assets and verifying the existence of such assets
 - Verification of cash book
 - Checking of the letters regarding freeships, scholarship, if any
1. Reviewing and appraising the economy and efficiency with which resources are employed
 - Examining the payments for maintenance and any other miscellaneous expenses
 - Certify the audit report

External Audit (Government Audit)

It is performed by the office of the Commissionerate of Higher Education (CHE), Government of Gujarat, Gandhinagar. The government audit had been pending since 2012. The office of the

CHE has carried out the audit for the years 2013-14 to 2017-18 on 18th and 19th February, 2022 whose audit report is still awaited.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/u/2/folders/14Ww45UIhFcWxTa8ng8-AXqghPrVINX6w
Upload any additional information	View File

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

92.27

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Optimal Utilization of Funds: The Institute has received funds from the government and non-government agencies, and it is managed as per the government norms. Heads of the various departments, different Committee Coordinators, and Conveners of various cells present their budget requirements to the Principal. The SES and the LAC (Local Administrative Committee) review the budget presented by various HODs and gives some suggestion. All the HODs and the Conveners present a revised budget if required. After the review of all the budgets, the Principal presents the budget for the Institute and secures approval from the LAC. The funds generated through fees, collected from students are used for cultural and other academic activities.

1. Recurring Expenses Academic activities, and Institution maintenance Research activities Maintenance of playground, flora and fauna Computer softwares such as MS Windows, antivirus,

payroll, ERP Maintenance of air-conditioners, aquaguards etc. Maintenance of computers and peripherals such as printer maintenance, keyboards, mouse, LCD projectors etc.

2. Non-Recurring Expenses For the non-recurring expenses, the management allocates funds. The funds are allocated for the following purposes; Infrastructural development facilities and construction works Computers, lab and gymnasium equipment Up-gradation of the infrastructural facilities in tune with the modern trends

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

The endeavours of the IQAC have brought about a paradigm shift in the working of the Institute. It has been instrumental in enhancing quality education by creating a student-centric and conducive environment in the Institute.

The two practices that have been institutionalized by the IQAC are:

1. **Certificate Courses:** The students admitted to the first year come from diverse demographic background. It was observed that they were lacking in foundational or basic skills of science subjects, in general. The students lacked motivation to appear for the national level entrance examinations and other such competitive exams for their higher studies. In order to motivate students to take up research and face competitive examinations with confidence, the IQAC initiated the Bridge/Certificate courses in different subjects. The courses were specifically designed to improve the problem-solving abilities of the students.
2. **Information Management System:** The backbone of an institute is its office, which handles maximum paperwork. The timely access and storage of data in a correct format facilitates the ease of retrieval and action. The IMS comprises the multiple modules and sub modules which manage student

attendance, e-student requests, admission procedures, student enrolment, fees collection, supervision allotment, staff academic achievements etc. The IMS software has been a boon for the Institute because of its versatility, security and high quality performance at every level.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The IQAC has been instrumental in bringing about landmark changes in improving the quality of teaching and learning. The IQAC periodically reviews teaching-learning methodology and suggests appropriate changes to enhance learning experience. As examples of the initiatives taken up by IQAC and their outcome, two cases are presented here.

Example 1: Outcome based learning:

- The number of students clearing national level competitive examinations
- The number of prizes/gold medals won by our students in the University examinations
- Bridge/Certificate courses have been conducted to improve and strengthen the fundamentals.

Outcome:

Because of the active involvement of IQAC in shaping the overall teaching-learning methodology, the performance of our students is substantially improved over the years.

Example 2: Promotion of ICT in teaching-learning process:

- All the classrooms are ICT enabled.
- Physics, Zoology, Botany laboratories are equipped with ICT tools.
- The departments have been provided with Camera based visualizers.

- The Institute has a Google G-suite subscription.
- All the staff members have Institutional email IDs.
- The library is RFID enabled.

Outcome:

These tools have proved to be a boon during the corona pandemic to continue the education without much loss to the students. Thus, the use of ICT tools has proved to be a blessing for both the students and the faculty.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 - Institutional Values and Social Responsibilities**

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Nearly 50% of the total strength of students enrolled in the Institute are girls. Our Institute strongly believes in the gender equality and we do the activities also without any gender bias. To boost the gender equality, the Institute takes special interest and motivates girls to join the NCC.

1. Safety and Security

- The campus and hostel are protected by the security guards. Girls feel safe and secure on campus.
- Enough lighting is ensured across the campus.
- CCTV cameras are installed in both the indoor and the outdoor areas of the campus.
- Grievance Redressal and Anti-Sexual Harassment Cell provide platforms to raise issues if any.
- The female students are provided with the hygienic and useful facilities like Sanitary Vending Machine and Incinerator.

1. Counselling

Faculties of the Institute are appointed as the mentors for counselling students. If students have any issue, they can approach their mentors to resolve it. The faculty are also ready to assist and guide them, allowing them not only to improve their performance, but also to boost their self-esteem.

1. Common room

In order to offer recreation and relaxation to the students, the Institute has provided special rooms to both boys and girls. Thus, students can use this facility to rest and socialize themselves during their free hours.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	B. Any 3 of the above
File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File
7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management	
<p>Solid Waste Management:</p> <p>Dustbins are provided across all the corners of the campus in the classroom as well as laboratories. The housekeeping staff of a contractual agency empty the trashcans on a regular basis.</p> <p>Notices to the staff are sent via email and WhatsApp group. The public address system/ website is used to make announcements regarding forthcoming events.</p> <p>Vermicompost:</p> <p>The campus' dried foliage and twigs are disposed of in the vermibeds to produce vermicompost which is then utilized in gardening.</p> <p>Liquid Waste Management:</p> <p>Since its foundation, the Institute has a well-maintained subterranean drainage system. The safety tanks, taps and water pipelines are maintained on a regular basis to avoid water clogging.</p> <p>Biomedical Waste Management:</p> <p>The biomedical waste includes cotton and needles used in hematology experiments. We have needle-syringe cutter and destroyer for discarding the used needles. The destroyed needles and cotton balls are packed properly and handed over to the</p>	

Biomedical Waste Carrier Vehicle that collects biomedical waste from Shri Ramkrishna Institute of Computer Education and Applied Sciences under the agreement towards sharing their bio-hazard waste disposal facilities.

E-waste management:

The Institute pursues e-waste management according to the government guidelines. The electronic devices are periodically checked and obsolete or damaged electronic devices are disposed of properly. We have an agreement with Multitronic Services for onsite support of disposal of e-wastes.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	Nil
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic

A. Any 4 or All of the above

5. landscaping with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The Institute is the oldest science college in South Gujarat, impelled by a noble vision to encourage experimental scientific pursuit and to endow with an environment to the students to build up the scientific aptitude and skills which help them to meet the challenges of rapidly changing world. The Institute is established by SES with a mission to make the education of core science subjects "Sarvajanik" i.e. "for all" in true sense. The Institute intends to create scientific thrust and to make the students explore new horizons of science through research without the slightest of the discrimination and embraces all irrespective of caste, creed, religion, race and economic and social status. In spite of an eclectic blend of students from various strata of the society, a sense of kinship prevails amongst all. The Institute is entrusted to inculcate the spirit of camaraderie amongst students and sensitize them regarding their role and duty towards nation building.

The Institute regularly organizes various activities for inculcating the values of harmony and tolerance towards the cultural diversities of the country. Various curricular activities bring along the opportunities for students to move towards the unification of diverse cultures.

The NSS and NCC volunteers actively participated in "Har Ghar Tiranga, Swachchhata hi Seva, Blood Donation Camp, Cloth Collecetion and Donation, REpublic Day Celebration, Vichar Goshti, Guru Parampara ane Gurunu Mahatva etc."

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

"The true purpose of education is in character building" - Sardar Vallabhbhai Patel, the first home minister of independent India, once said. The Institute firmly believes and strives to put into practice the above golden words of him. The faculty members work efficiently and diligently to inculcate and impart value-based education to the students.

National festivals are celebrated with fervour and fanfare. The Days are celebrated with great enthusiasm. The Chief Guest, the Principal, the teaching and non-teaching staff of the Institute, the student volunteers of the NSS, the NCC cadets, etc. attend the flag hoisting function.

The NSS unit organized a "Voter Awareness Rally" to promote awareness on voting in the elections and encourage active participation in the democratic process.

Students are encouraged to take part in various cultural competitions in the Annual Youth Festival of the VNSGU.

May it be elocution competition or musical programme, through the special guidance and adequate support by the enthusiastic teachers of the Institute, our students have excelled in different competitions at the university level and the state level.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

7.1.10 - The Institution has a prescribed code of conduct for students, teachers,

C. Any 2 of the above

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

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The Institute celebrates the national and international commemorative days, birth anniversaries, events and festivals on a regular basis. The activities, carried out by the Institute and different departments in this context are mentioned below:

The International Yoga Day is celebrated on 21st June every year by the Institute. The teaching and non-teaching staff along with the students assemble on the ground in the morning and perform yoga.

All the departments celebrate National Teacher's Day by having various activities, such as organizing lectures and various competitions.

The Chemistry Club celebrated National Science Day by arranging Inter-college Power Point Presentation Competition. Moreover, the department of Mathematics celebrated "PI Approximation Day" by way of Power Point Presentation Competition.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	View File

7.2 - Best Practices

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

1. Bicycle Club:

The Bicycle Club was established in 2016 with an aim of sensitizing the students on the importance of sustaining environment. It required involvement of students and inclusion of various stakeholders. It began with 24 bicycles and now that number has gone up to 30.

The students get the bicycle at a nominal rent of Rs. 50/- per month for a period of one semester with the condition that he/she will have to come to the Institute on bicycle daily. He/she has to deposit (fully refundable) Rs. 1000/- as a guarantee to the college office for renting it.

2. Nobel Lecture Series:

It was long felt that mere bookish knowledge was not sufficient for the overall development of graduating students. The aim of the activity was to expose students to the cutting-edge developments in Physics, Chemistry and Physiology/Medicine and to develop scientific temper among them. It was imperative that they be motivated to opt for a career as scientists. The speakers from the premier Institutes of the country would be invited every year to give a talk on the Nobel Prize given for that year.

The speaker usually interacts with the faculty and students after the lecture. The students freely discuss research options, research areas, other research career related topics etc. The institute bears the travel expenses and local hospitality of the speaker. The students are elated to talk with research scientist at such a close distance.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The Institute's vision statement reads: To promote experimental scientific pursuit and to provide conducive environment to the students, to develop aptitude and to sharpen skills of students to meet the challenges of rapidly changing world and to instil a spirit of camaraderie amongst students and sensitize them regarding their role and duty towards nation building.

- The Institute functions in a manner so as to be a worthy recipient of this coveted status. The Institute has adopted new and innovative pedagogical practises to improve the efficacy of the teaching learning process, in line with its vision statement.
- The Institute organizes invited talks and a unique lecture series entitled "Nobel Lecture Series".
- The Institute organizes certificate courses, which not only enhance students' foundational knowledge but also provide them much needed hands-on training.
- In order to provide a conducive environment for optimum harnessing of their creative pursuit, an SSIP cell was established in the Institute.
- MOUs are signed with different Industries and academia for nurturing the overall development of the students and create a mutually beneficial environment.
- The Institute has been organizing events via NSS and NCC units and the active participation of students in them is a positive indicator.
- The institute has thus diligently been pursuing its vision statement and has left no stone unturned in grasping an opportunity to bring about academic, skill based, physical, moral and value based overall development of its students.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- To implement autonomy in the first and second semesters for the academic year 2024-25 in both UG and PG programs.
- To design the syllabus for all the courses according to NEP - 2020 for autonomous programs.
- To introduce PG programs in Mathematics and Zoology on the self-financed basis as per the autonomous status of the Institute.
- To request the VNSGU to grant us to run Ph. D. programs in all the subjects run by the Institute.
- To introduce new Certificate Courses to enhance skills of the students across the fields.