YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution   SIR P.T. SCIENCE COLLEGE

- Name of the Head of the institution   DR. K. P. PATEL

- Designation   PRINCIPAL

- Does the institution function from its own campus?   Yes

- Phone no./Alternate phone no.   02774246410

- Mobile No: 9408064680

- Registered e-mail   sirptscience127@gmail.com

- Alternate e-mail   dr_kppatel_165@yahoo.com

- Address   COLLEGE CAMPUS, DHANSURA ROAD

- City/Town   MODASA

- State/UT   GUJARAT

- Pin Code   383315

2.Institutional status

- Affiliated / Constitution Colleges   AFFILIATED

- Type of Institution   Co-education

- Location   Rural

- Financial Status   Grants-in aid

- Name of the Affiliating University — **HEMCHANDRACHARYA NORTH GUJARAT UNIVERSITY, PATAN**

- Name of the IQAC Coordinator — **DR. S. D. VEDIYA**

- Phone No. — **02774246410**

- Alternate phone No. — **9408064680**

- Mobile — **9426013888**

- IQAC e-mail address — **sirptscience127@gmail.com**

- Alternate e-mail address — **glv2008@yahoo.com**

3.Website address (Web link of the AQAR (Previous Academic Year) — https://sirptsciencecollege.org/iqac/aqar/

4.Whether Academic Calendar prepared during the year? — **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: — https://sirptsciencecollege.org/about-us/academic-calender/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	76.00	2007	10/02/2007	09/02/2012
Cycle 2	B++	2.79	2016	16/09/2016	15/09/2021

6.Date of Establishment of IQAC — **31/03/2007**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Depatment /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institutional	Salary	State Government	2022-23	48487635=00
Institutional	NSS	HNGU	2022-23	52125=00
Institutional	Udisha/Placement	KCG	2022-23	15000=00
Institutional	Azad Amrut Mahotsav	KCG	2022-23	15000=00
Institutional	Panch Prakalp	KCG	2022-23	10000=00
Institutional	Finishing School	KCG	2022-23	300000=00

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   2

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?   No

- 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)

IQAC has focused to improve the soft skills of students for their

holistic growth. In order to fulfilment of it Finishing School Training Programme was organized for final year UG students of college. Organization of various events like guest lectures, seminars, quiz, debate and assay writing competition to make teaching- learning more interesting. Procurement of new equipment, ICT tools for better curriculum delivery. Upgradation of laboratories, sports grounds, hostels and library. To promote employability of students' placements cell initiatives to create awareness about career opportunity. Academic Calendar for the Academic Year 2022-23 was made more comprehensive to include diverse activities.

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
Regular IQAC meetings	Two meetings held at the beginning of each semester during the academic year
Focus on Institutional social and outreach activities	NSS and NCC cell organized many activities during the session
Addition of new books to the library	Purchased books recommended by the departments
To plan to organize Finishing school programme for final year students.	A course in Soft Skill Development Programme was organized Under Finishing School Initiative Govt. Of Gujarat 4 batch compilated for third year students.
Designing of Academic calendar	The Academic Calendar for the session 2022-23 was made more comprehensive and was successfully executed.
Focus on Institutional social and outreach activities	NSS cell organized many activities including a camp during the session

13.Whether the AQAR was placed before statutory body?   **Yes**

- Name of the statutory body

Name	Date of meeting(s)
The M.L.Gandhi Higher Education Society, Modasa	19/01/2023

14.Whether institutional data submitted to AISHE

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Name	Date of meeting(s)
The M.L.Gandhi Higher Education Society, Modasa	19/01/2023

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2022-2023	20/02/2024

15. Multidisciplinary / interdisciplinary

In view of the NEP, academic programmes are redesigned to include Multidisciplinary /Interdisciplinary courses as electives. All programmes are designed in such a way that students get maximum flexibility to choose elective courses offered by other Departments. College affiliating University is proactively working towards implementation of the suggestions given in the NEP and the college is implementing these as per university guideline.

16. Academic bank of credits (ABC):

The college is running regular programmes and courses in the curriculum as per the affiliating university scheme. In the direction of Academic Bank of Credits (ABC) the guidelines issued by the affiliating university is being implemented by the college and the registration process of students in ABC have been completed.

17. Skill development:

The institution encourages the faculty to update their knowledge by offering and undergoing refresher courses, seminar, conference, training program, faculty development programmes and workshops. College guides the students in the following areas as per their interest :

Placements, competitive examinations and higher studies. Communication skills in English , Basic computer programming , Aptitude skills , Leadership exposure and Professional Skill Development , Software oriented skills, Skills of clearing various government competitive examinations, Higher studies, Department oriented skill developments for placements, Club activities apart from the soft skill, life skill development.

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

NEP 2020 envisages a greater promotion of Indian Languages, Arts and Culture. The NEP document elaborates on the cultural and knowledge heritage of India, the importance of Indian Philosophy in the renewed perception and influence on the world events, the importance of the multilanguage - multicultural background of the country and the necessity for revitalizing these realms for the betterment of the country and the world. This strategy calls for a paradigm shift in our immediate past educational system (which, in general opinion, has devalued the Indian traditional knowledge). To bring back the glory of the ancestral values and knowledge, the College has introduced a mandatory course on Indian Constitution for all the UG students. To augment the lectures in the class room, standard text books on Indian Constitution and Cultural heritage of India have been given to the students. Through the efforts of various staff, various seminars are being regularly conducted in the regional language viz Gujarati and English on the contemporary topics on environment, energy conservation, etc., as well as topics on the cultural and ethnic values of India.

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

Sir P. T. Science College offers B. Sc and M. Sc. programmes in various disciplines. All these programmes are offered as OutcomeBased Education (OBE) which is designed keeping in mind the national and global requirements. The affiliating university of the college has implemented outcome-based education with clearly stated Programme Outcomes, Programme Specific Outcomes and Course Outcomes. All courses are designed with outcomes centered on cognitive abilities namely Remembering, Understanding, Applying, Analysing, Evaluating and Creating. Apart from the domain-specific skills, learning outcomes at all levels ensure social responsiveness and ethics, as well as entrepreneurial skills so those students contribute proactively to economic, environmental and social wellbeing of the nation. All course syllabi have been designed with due consideration to social needs at large so as to apply the spirit of NEP.

20.Distance education/online education:

From 2019 onwards, educational institutions in the country have employed digital platforms for engaging classes, conducting conferences, meetings etc. Keeping aside the negative impact of lack of face to face learning, online education has broken the

geographical barriers creating interaction of experts and students from distant locations. Opening up of the educational institutions after pandemic has paved the way of adopting hybrid mode of education. This can be considered as the new normal satiation of learning, which is envisaged in New Education Policy as well. Due to the experience gained during the closure period of Covid-19, access to online resources by educators and students will not be a constraint anymore. As a part of course curriculum, we encourage students and faculties to joined various courses which promote the blended learning system of learning. Different webinars on various topics have also been organized for staff and students.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	10

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	295

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	225

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	194

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1	**25**
Number of full time teachers during the year	

File Description	Documents
Data Template	[View File](#)

3.2	**26**
Number of Sanctioned posts during the year	

File Description	Documents
Data Template	[View File](#)

4.Institution

4.1	**10**
Total number of Classrooms and Seminar halls	

4.2	**11.56671**
Total expenditure excluding salary during the year (INR in lakhs)	

4.3	**85**
Total number of computers on campus for academic purposes	

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

Sir P. T. Science College, Modasa is an affiliated institution with Hemchandracharya North Gujarat University, Patan and follows the syllabus set by the parent University. Institution's own academic calendar of events is prepared and uploaded on college website. The college streamlined within the established academic

structures in order to provide quality education along with the holistic development of the students.

Academic progressions are reorganized, with timetable, workload andother supporting administrative tasks, also teaching –learning and evaluation plans are strictly followed according to the Academic Calendar. All departments prepare their own work plan for the term and make sure it is completed within the stipulated time. The classes were conducted both in online and off-line mode during 2021-22 and regularly monitored by the Head of the various Departments.

Through various interactive activities like group discussion, quiz, debates, the students are provided with practical insight into the curriculum which help them to improve their intellectual skills, such as critical analysis, problem solving, evaluation and synthesis. Student's performance is continuously monitored through Internal assessment test and assignments. The institution tries to integrate the suggestions of all its stakeholders in to the functioning. Feedback forms are thoroughly analysed and steps taken for quality enhancement. Principal conducts meetings with Teacher-In-Charge(s), faculty members, Convenors of committees and non-teaching staff to ensure smooth execution of scheduled activities. The departments also hold regular meetings to assess the covered curriculum and discuss the issues faced by the students and teachers.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://sirptsciencecollege.org/syllabus/

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

Before the commencement of the semester, Sir P. T. Science college prepare own academic calendar based on the declared calendar of the parent university (HNGU, Patan). University provides demarcated schedule for teaching, examination, semester break and vacations to ensure smooth and efficient functioning of its teaching and administrative processes.Within the context, the college prepares its own calendar which includes the dates for internal examinations, seminars, expert talks and other cocurricular and extra-curricular activities for an all-round

development of students. Both calendars are uploaded on college website.

The class timetable for the semester is prepared by concerned departments. The Principal and Heads of Departments keep the track and ensure that the schedule of curriculum delivery is being followed as per the calendar. An Examination committee is formed at the college level which monitors the overall internal assessment process and the implementation of it reviewed by the principal regularly.

Internal assessments are conducted periodically. Implementation of the internal assessment process is based on the Internal Assessment Exam Committee (IAEC), which is formed at the college level and monitors the overall internal assessment process. Assessment criteria includes two internal assessment exams, assignments, presentations, class room performance and mock practical exams before the university exam. The IA marks are uploaded using HOD's portal. Transparency is maintained as it is displayed once it is uploaded.

File Description	Documents
Upload relevant supporting documents	[View File](#)
Link for Additional information	https://sirptsciencecollege.org/about-us/academic-calender/

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

8

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
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)

05

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
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

36

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

36

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

Being an affiliated Institute, the Institute follows curriculum designed by the University. The University integrates Environmental Science, Solid Waste Management, Professional Ethics, etc. into the curriculum.

For the holistic development of the students, institute organizes various activities like tree plantation, Expert talks, Blood donation camp, hygiene etc with the help of students. Both, boys and girls are made members of various committees related to academics, co-curricular and extracurricular activities.

In order to develop self-discipline, leadership skills, organisational abilities, develop a sense of responsibility towards society and nurture, team NSS has organized 10 days residential camp at nearby village.

Different committees are formed in order to maintain college discipline and to deal with various grievances.

1. Women Grievances Committee: The Women Grievances Committee (WGC) is active in the institute to create confidence and better awareness about gender equity and to reinforce the rights of women in the institute. Our college feels proud that no sexual harassment incident took place in the college.

2. Anti- Ragging Committee: As per the guidelines of UGC, AICTE and the University, an Anti- Ragging Committee has been constituted to provide the ragging free environment. Any student can lodge a complaint without disclosing his/her identity in case of any inappropriate incident.

3. Discipline Committee: This committee formed by one faculty

member from each department. This committee plays a vibrant role in the maintenance of campus discipline.

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

3

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	View File
MoU's with relevant organizations for these courses, if any	View File
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

60

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

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

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://sirptsciencecollege.org/student-corner/feedback/

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

395

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

249

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

All classes comprised of heterogenous groups of students enrolled through a merit based transparent system. Out of them maximum students are coming from rural background where life is too challenging specially when it comes to the education. So, it becomes essential for the institution to identify the students who really seek extra attention. Slow and advanced learners are identified through following methods:

- Result of internal test
- Classroom interaction
- Involvement in academic and curricular activities

To meet the need of both the types of learners, precise teaching-learning methodologies are then discussed and implemented. Several teaching- learning methods are being developed by the fusion of traditional teaching methods and new age technological methods, which are as follows.

The needs of identified slow learners being responded through the following ways:

- Extra coaching and individual guidance from the subject

> teacher
- Guide them to solve previous years university question papers.
- Providing simplified study material which can be understood easily.

The needs of identified advanced learners being responded through the following ways:

- Motivated to secure rank & distinction in university examination
- Advanced study materials are provided to these students.
- Motivated to participate in quiz competitions, seminars and group discussions.
- Making them practice to solve twisted questions in order to enhance their problem-solving capacity.

File Description	Documents
Link for additional Information	https://sirptsciencecollege.org/student-corner/
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
204	25

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

The institute continuously and consciously working towards growth of students. With the aim of student development, various academic, co-curricular and extra-curricular activities are being organized by the institution. The majority of students are coming from surrounding rural areas, these students need extra attention

in order to meet todays' competitive world. Teachers are working hard in order to provide quality and value-based education to these students.

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

- Student start up and innovation Programmes
- Project work
- Participation in competition at various level
- Botanical visits.
- Industrial Visits
- Guest Lecture

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

- Seminars
- Assignments and Presentations
- NSS camps

To enhance the analytical approach of students following problem solving methodologies are being practiced by the institution.

- Research Activities
- Preparation for competitive exam

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://sirptsciencecollege.org/student-corner/

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

The college has well equipped computer labs. During online mode of teaching-learning practices, teachers have explored various learning platforms like Google Meet, Zoom and Microsoft teams. Study materials were also shared through different media like Google Classroom, E-Mail, Blogs, WhatsApp, etc. Students were also provided with lecture series of SANDHAN which is in local language

and helps students to understand better. Teachers also used informative videos from YouTube, Ted talks and other educational podcasts to make learning process interesting. Students are assigned different tasks which they have to represent by using PowerPoint presentations. This helped students to get habitual to the computers.

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

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://sirptsciencecollege.org/infrastructure/

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

25

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
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

25

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	View File

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

21

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

23

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.

The Institute follows the University rules and guidelines to conduct the Internal Assessment which is based on attendance, assignment/Seminar, and internal exam test papers. Two internal Assessment tests (IA) are conducted as prescribed in the curriculum. All of these together constitute an integral part of Internal Examination which is carried out in a well-planned and systematic manner. The college has formed an internal exam committee which comprises a coordinator and other 5 members. The Institute internal exam committee works as a link between the departments and the University. Students are informed the examination dates well in advance through notice board and website. Teachers make sure that all students are familiar with the internal assessment evaluation criteria in order to maintain transparency. The respective faculty evaluates the test papers promptly and answer papers are submitted to college factotum within time. Internal test answer books are made available to students on demand. Once the evaluation is done, then the marks are shared with the students and also entered in university portal very carefully so that any discrepancy does not arise. Students are also given chance of re-test in case if they cannot clear the exam or remain absent due to some reasons. The rechecking/reassessment system in the internal examination is also available for students. The rules for gracing for students are decided by the examination committee and it is also communicated to students.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://sirptsciencecollege.org/about-us/committee/

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

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

2.In case the students are dissatisfied with their result in the

Internal Test they are allowed to apply for Rechecking/reassessment by filling in a prescribed form along with the fees for the same.

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

4. Any student who is not satisfied with the assessment and award of marks may approach the concern HOD who can intervene and seek opinion of another course Teacher.

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

6. The answer scripts are retained in the departments for safe keeping, for a year anticipating issues that may arise in the future.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://sirptsciencecollege.org/syllabus/

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.

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

- The course curriculum of each subject specified expected learning outcomes and it is shared with students and teachers through university syllabus which is available on the college and university websites.
- Individual faculty members prepare their semester plan in the beginning of every semester for the papers taken care by

them. This practice helps to achieve the stated learning outcomes in time.

- In the beginning of semester, an interactive session has been conducted by the college principal to orient students about the learning outcomes of the program.
- The college encourages teachers for their participation in workshops, seminars, conferences and FDPs to enrich them to attain the outcomes while teaching learning in the classes.
- Successful alumni students are also invited to interact with both students and teachers at specific events and meetings where they share how their individual course shaped their career.
- Many teachers are also the members of Board of Studies; thus, the process of learning outcome awareness takes place smoothly and improve the quality of teaching learning.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://sirptsciencecollege.org/syllabus/
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.

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

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

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

Internal assessment is the requirement of the continuous

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

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://sirptsciencecollege.org/syllabus/

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

121

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	https://ngu.ac.in/ExamResult.aspx

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://sirptsciencecollege.org/student-corner/feedback/

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)

3.45lack

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

00

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://sirptsciencecollege.org/

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

12

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

12

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

12

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

The student volunteers visit neighboring localities and conductvarious activities regularly. Extension activities in the neighborhood community in terms of impact and sensitizing students

to social issues and holistic development.Sir P.T.Science Collegeorganizes and participates in various extension activities with a dual objective of not only sensitizing the students about various social issues but also contribute to the community and strengthen community participation. The NCC, NSSand SSIP college units take part in various initiatives like 1. Blood donation camps 2. Swachh Bharat initiatives 3. Covid-19 Awareness 4. Saksarata awareness Program 5. Energy awareness Program 6. Yoga Day 7. Awareness programs on AIDS prevention 8. Social Enterpreneurship

File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/districtcommunity- science-center-aravalli/
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

01

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

39

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

2675

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

205

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

03

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 Institute has adequate physical and academic facilities required as per University Grant Commission guidelines, Education department Government of Gujarat and HNGU Patan.

- **The college campus is spread over 18.29 acre of land.**
- **All the Classrooms and Seminar Hall are well equipped along with computing system and Internet facility.**
- **Campus is Wi-Fi enabled with 100 MBPS Speed so that the faculty members utilize this resource to present lectures and keep up with current information and the students can get more decent education.**
- **13 Wi-Fi and ICT enabled classrooms for Academic activities.**
- **Each department has a well equipped laboratory, computer, printer and internet facilties.**
- **Underground tank for water storage under rain water harvesting scheme.**
- **Well equipped seminar hall with 200 seating capacity facilitated with LCD Projector, Inter active Board, Digital Podium, Audio Visual aids.**
- **Digital Education and Learning Laboratory (DELL) with 25 computers in LAN with Wi-Fi.**
- **Maths Computer Laboratory with 22 computers with LAN and internet facility and interactive board.**
- **Chemistry Research Lab with sophisticated instruments to promote and enhance research activities in the institution.**
- **12 well developed laboratories out of which Botany laboratory is facilitated with Wi-Fi and LCD Projector.**

- **Biology Museum**
- **Botanical garden**
- **A Well Furnished computerized ICT enable administrative office**
- **canteen facility, washrooms, NCC &NSS office, Girls room, Community Hall, Girls & Boys Hostel ,Mineral Water**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sirptsciencecollege.org/infrastructure/

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

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

It is important for an educational institution to consider a student's physical and athletic growth in addition to their educational progress. The College has facilities for sports and games and cultural activities.

- **Separate spacious playground with indoor-outdoor stadium for sports activities.**
- **The College situated in the heart of the town, the students use a small patch of open space inside the campus for playing Khokho, Kabaddi and even for practicing Hockey and football.**
- **seperate badminton court in the College campus.**
- **well-equipped gymnasium.**
- **Yoga Day is celebrated every year.A stage with roof which is use for Yoga.**
- **College Perform well in Inter College and Uni. Tournaments.**
- **Annual day and Annual Sports Day celebration every year.**
- **Various cultural activities like Dance, Song, One Act Play, Essay, Debate, Recitation, Quiz, Extempore, Creative Writing, Fine Arts, Rangoli, Mehandi, and all such activities are conducted on the big and open stage inside the campus.**
- **Prize distribution every year for students who perform well in sports and cultural activities**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sirptsciencecollege.org/

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

16

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

16

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sirptsciencecollege.org/infrastructure/
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)

0

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)

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

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

INTEGRATED LIBRARY MANAGEMENT SYS

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

SUBSCRIPTION TO E-RESOURCES

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

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://sirptsciencecollege.org/infrastructure/

4.2.2 - The institution has subscription for the **A. Any 4 or more of the above** **following e-resources e-journals e-**
ShodhSindhu Shodhganga Membership e-
books Databases Remote access toe-resources

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)

0.72060

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

8445

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

- All the classrooms are well -equipped with LCD projecter with CPU and internet Wi-Fi connectivity with 100 MBPS speed that covers the entire campus premises.
- Licensed and open licensed software for academic requirements
- Software like MATLAB , SOUL 3.0 , Tally erp 9
- In the administrative office all the staff facilitated with computer, printer, scanner , LAN internet connectivity.
- The central library is facilitated with computers, printers, photocopier and internet connection.
- INFLIBNET N-list Membership is provided to each faculty member
- An informative and Dynamic Website
- The Government Provided 100 Mbps Internet Facility under NAMO WiFi Scheme for Students and the college has also taken GTPL Wi-Fi connection with 50 MBPS.
- Computer, printer and internet facility is provided to each Department and Staff room
- All the Class Rooms and Library reading room are well equipped with LCD projectors and internet connectivity.

Computer Lab:

- The Mathematics Computer Laboratory and The Digital Educational Learning Laboratory (DELL) are developed.
- Computer lab is well-equipped with branded PC's adequately supported by 50 Mbps Broadband line for internet connectivity. A wide range of system software and application software are used in the computer lab. The entire Lab is connected with LAN. Computer labs are well connected to the internet help students and faculty to carry out their academic and other work. Computer assistant is provided to support students and faculty to solve their queries.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sirptsciencecollege.org/infrastructure/

4.3.2 - Number of Computers

85

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)

16.32756

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.

1. Laboratories : Each laboratory has one teacher as lab incharge, a Lab Assistant and attendant. Lab in-charge is responsible to maintain and upgrade the laboratory with necessary equipments from time to time to cope with change in the syllabus. Dead stock verification (Physical Verification) is carried out to verify working/nonworking/missing equipments etc. Preventive maintenance and performance monitoring is carried out. Every laboratory assistance keeps the record of utilization of equipments, computers and other required material .

2. Library: Librarian with supporting staff focus on the availability and utilization of instructional material in teaching and learning process. After stock verification,Librarian will prepare the report on the same and utilization of books by the students and staff.

3. Sport complex: The sports equipments are issued to the students as per the schedule of the events by physical instructer . If any equipments get faulty sports instructor submits proposal for maintenance.

4. Class Rooms: Class rooms are allocated to all departments along with necessary ICT tools. The class rooms are utilized as per the time table of the department and are cleaned on daily basis monitored by institute supervisor. Principal and all HODs also monitor the cleanliness in the class rooms.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sirptsciencecollege.org/

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

424

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
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

424

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

A. All of the above

File Description	Documents
Link to institutional website	https://sirptsciencecollege.org/
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

634

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

634

File Description	Documents
Any additional information	View File
Number of students benefited 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

08

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

132

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

12

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.

02

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 institute believes in giving equal opportunity to the students in supporting the college faculty in running the affairs of the college. For this, the college endeavors to provide them with opportunities to participate in various academic and administrative bodies. Student Council of the college is an elected body and always joins hands with faculty members and college administration to ensure overall development of the college. Student Council organizes different cultural programmes to observe important days such as "Swami Vivekananda's birthday", "Republic Day",etc. in the college campus. Students' council

organizes annual college exhibitions inthe college campus, which also involves an interdepartmental competition and thereafter prize distribution through proper judgement by invited eminent persons of the locality.

SRC (STUDENTS' REPRESENTATIVE COUNCIL) is a student body of the college consisting of student representatives from all the branches.

Aims and objectives of SRC are as follows:

To promote friendship and respect among fellow students and teachers.

To promote co-curricular and extracurricular activities by providing the platform.

To promote an environment conducive to educational and personal development.

To actively participate in the conduction and organization of various functions.

File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/co-curricular/
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

1571

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

There is a Non- registered Alumni Association OSA Sir P.T. Science College, Modasa that contributes Prize distributions to promote students in various subjects.

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(?????????????????)

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File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/alumni-association/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)   E. <1Lakhs

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 college follows its vision and mission to serve better for students. The governance of the college matches vision and the mission of the college. Our vision and the mission are as follows:

OUR MISSION

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

OUR VISION

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

File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/about-us/vision-goal/
Upload any additional information	View File

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

Internal Decentralization: - The Principal given freedom to plan academic activities for the smooth conduct and continuous progress of the college both for the Teaching and Non teaching aspects of college functioning. - IQAC has the freedom to formulate quality policies and its implementation discussed and planned at the several meetings conducted in the year.

- HODs and Coordinators of Departments have the freedom to plan, implement, finalize and shape activities in view of the available resources by conducting department meetings. –

Committee meetings: Drawing participatory action plans, implementation and reflection on the same for improvement/innovation under the leadership of the Convener. - Staff Meetings: A large number of issues are discussed during staff meetings, giving the scope for collective thinking and decision making. - Faculty members have contributed in a big way in internalizing quality policy due to openness in working at all levels and free access to the Principal Participatory Management: The college follows the principle of Participatory Management. The defining, allotting and communicating of responsibilities happen concomitantly in the meetings conducted at various levels as listed below: -

IQAC meeting: reviewing college functioning, making and approving budgetary provisions, making decisions for expansion etc.

• Interaction with parents: The teachers interact with parents in Orientation Programs, Principal follows up with parents of defaulters in attendance, interact with parents of meritorious students during prize distribution functions

File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/about-us/committee/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institute's quality policy is well conveyed from its vision and mission statements. Strategic plan and action plan are designed in such a manner that this quality policy is driven and deployed during every process. Each process is regularly reviewed by a monitoring mechanism. Strategy to develop competences to serve the ever changing needs of the industry & society and strategy to empower the faculty, staff and aspiring engineers with essential technical knowledge and skills: Arranging industrial visits, in-plant trainings and guest lecture for students. Organizing orientation programs, courses related to the curriculum. Applying the innovative teaching learning methods such as Cooperative learning, Group discussions and Seminars. Strategy to strengthen collaborative research and consulting environment with industry and other institutes: Forming MoUs with industries and other institutes. Appreciating the research of students/ faculty. Motivating the students and faculty for research by organizing technical competitions and also presenting papers in conferences. Strategy to inculcate social and ethical values: Establishing NSS/NCC cell and organizing various social programs/ activities through this cell. Establishing NCC cell organizing blood donation camp and other activities through this cell.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://sirptsciencecollege.org/about-us/committee/
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.

With the hands-on experience of the management, the Institutional Management is designed in a scientific way with transparency to get the optimum results out of it. A hierarchical sets up is established from top management to down the level clearly demarking the Duties, Responsibilities, Accountability and Authorities at every stage.

SPTSC has been established in 1960. It has a Governing body to monitor and achieving the vision and mission of the institution. It has an effective organizational structure which monitors and improves the institution.

File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/about-us/committee/
Link to Organogram of the Institution webpage	https://sirptsciencecollege.org/about-us/committee/
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

Teaching Non-teaching Students Govt. Group Insurance scheme Govt. Group Insurance scheme Govt. Group Insurance For health faculties institute MOU Dr.Rasiklal Shah Sarvajanik Hospital,Modasa For health faculties institute MOU Dr.Rasiklal Shah Sarvajanik Hospital,Modasa For health faculties institute MOU Dr.Rasiklal Shah Sarvajanik Hospital,Modasa Credit Society Credit Society Finacely support Annual education fees.

File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/student-corner/scholarship/
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

15008

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

00

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
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

04

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
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

SPTSC strictly follows the UGC Regulations on Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education-2010" (Regulation No.

F.3-1/2009 dated June 30, 2010), together with all amendments made therein from time to time, for its teaching and non-teaching staff. The performance of each employee is assessed annually after completion of one year of service. The objective is not only to objectively evaluate the performance as per established norms, but also to identify potential aspects for improvement that can eventually lead to further progress and growth of the employee. The salient features of the performance appraisal system are as follows: Teaching Staff a) The performance of each faculty member is assessed according to the Annual SelfAssessment for the Performance Based Appraisal System (PBAS). b) Promotions are based on the PBAS proforma for UGC Career Advancement Scheme (CAS) that is based on the API score. c) The institute undertakes a wide range of activities besides academics, for which faculty members are assigned additional duties and responsibilities, which are mostly voluntary. The Institute accords appropriate weightage for these contributions in their overall assessment.

File Description	Documents
Paste link for additional information	https://www.rascheguj.in/GovernmentResolutio
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 SPTSC conducts regular financial audits. The institute has a formal mechanism for internal and external audits. The accounts are regularly audited to ensure financial compliance. Internal Audit: The internal audit is a continuous process. The finance committee and the Qualified Auditors from external resources have been appointed and a team of staff under them do a methodical verification on quarterly basis. The team verifies all payments, receipts, vouchers of the cash transactions, ledgers and cash book. External Audit: The external auditor/agency appointed by the college performs audit of the financial statements of the college. The financial records are audited by qualified chartered accountants at the end of each financial year. The financial records are certified i.e., income and expenditures, balance sheet and prepared notes to accounts are certified. The Institution publishes audited financial statements on the institutions website

as information for the concerned people.

File Description	Documents
Paste link for additional information	https://www.rascheguj.in/GovernmentResolutio n.aspx
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)

00

File Description	Documents
Annual statements of accounts	View File
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

The accounts maintain in Telly software and entries account are monitored by authorities. There is a mechanism of checking, rechecking and crosschecking of accounts by the authorities. Besides, an arrangement is made by the management for internal audit at least two times a year by C.A. In the case of spending of UGC grant, there is IQAC, Finance Committee and Library Committee takes a decision. All purchases are done through tender system. The external audit is also done by the state government periodically. The grant of state government is finalized only after the audit.

File Description	Documents
Paste link for additional information	https://www.rascheguj.in/GovernmentResolutio n.aspx
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 IQAC holds meetings periodically: With the Heads of the Departments every month under the chairmanship of principal to review the progress of academic activities such as, the number of classess held, syllabus covered in subject, Internal Examinations conducted and teaching diaries are verified with annual plan and also to identify, bottlenecks, if any, in administrating various progammes. With administrative staff to review the progress in respect of college administration and steps taken / to be taken for improvement. IQAC conducts periodic review of the academic and administrative functioning. Further, the IQAC collects feedback information from students on Teaching – Learning performance at the end of each semester. The information obtained is analyzed and steps to be taken for necessary improvements are passed on to the concerned departments. The Learning - Outcomes are reviewed after conducting of Internal Examinations and it calls for a one-on one meeting with the faculty of each department to make an assessment of their performance. It evolves mechanism to record and monitor the performance of each student through Concerned Departments.

File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/iqac/
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 holds meetings periodically: With the Heads of the Departments every month under the chairmanship of principal to review the progress of academic activities such as, the number of classess held, syllabus covered in subject, Internal Examinations

conducted and teaching diaries are verified with annual plan and also to identify, bottlenecks, if any, in administrating various progammes. With administrative staff to review the progress in respect of college administration and steps taken / to be taken for improvement. IQAC conducts periodic review of the academic and administrative functioning. Further, the IQAC collects feedback information from students on Teaching – Learning performance at the end of each semester. The information obtained is analyzed and steps to be taken for necessary improvements are passed on to the concerned departments. The Learning - Outcomes are reviewed after conducting of Internal Examinations and it calls for a one-on one meeting with the faculty of each department to make an assessment of their performance. It evolves mechanism to record and monitor the performance of each student through Concerned Departments.

File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/iqac/
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	https://sirptsciencecollege.org/studentcorner/ feedback/
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

- Sir P. T. Science College Modasa, has initiated various approaches to promote and ensure gender equity. The institution has initiated various approaches to promote and ensure gender equity at various levels in terms of rights, benefits, obligations, and opportunities. We treat both women and men according to their respective needs in a fair manner by providing an environment where everyone, irrespective of gender, feels safe to engage in activities such as learning, teaching, and working.
- Orientation program on the importance of gender equity and women empowerment.
- Faculty hold equal administrative and academic leadership
- The committee for Anti-Sexual Harassment and Anti-Ragging ensures a secure environment.
- Women Cell takes care of all aspects of girl students, reduces gender disparities (if any), and never allows them to feel deprived of their privileges.
- Special facilities for girls in the campus, such as canteen, washroom, etc
- Women's employability activities
- Health Check-up (Anaemia detection Camp)
- 24*7 security guard and the entire campus is under CCTV surveillance for security
- Students are accompanied by men and women faculty during educational tours, extension activities, and industrial visits
- Specially arranged toilet and refreshment facilities for girls and boys
- Service of professional counsellor for guidance
- Special arrangement for Thalassemia test, physical fitness, and sports facilities
- Orientation sessions for boys on gender equity and respecting women.

File Description	Documents
Annual gender sensitization action plan	https://sirptsciencecollege.org/co-curricular/
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	https://sirptsciencecollege.org/co-curricular/

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

A. 4 or All 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

The SPTSC has taken conscious efforts to enhance and nurture the eco-friendly environment and always strives for a sustainable environment on the campus.

The Institute has taken all initiatives in line with the Swachha Bharat Abhiyan to sensitize its students and staff through different activities initiated and performed by the Maintenance and Beautification Committee and the NSS volunteers.

The college takes measures to make the campus a plastic-free zone. Enough garbage bins are placed inside the campus area to ensure that nothing is littered around. Students are made aware of the importance of a plastic free world so that they keep the practice not only within the college campus but in their homes and everywhere.

Students are encouraged to make artefacts and handicrafts using

recycled products when they display their handmade products in college exhibitions.

There is a rainwater harvesting System in the college which is a sustainable process that helps in preserving water for future needs. Water scarcity is a major concern in today's scenario. The process of rainwater harvesting is a good way to conserve water.

Departmental and student level seminars and sensitization programmes have been organized on the importance of water and how to minimize, reuse and recycle liquid waste.

The science laboratories follow the potential hazards and appropriate waste disposal procedures. Acidic or basic solutions are neutralized and if they contain toxic cautions, they are collected for disposal as hazardous waste.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://sirptsciencecollege.org/activity/
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   A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: A. Any 4 or All of the above

    1. **Restricted entry of automobiles**

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
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

B. Any 3 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	View File
Details of the Software procured for providing the assistance	View File
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 efforts the best in order to provide an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. The merit based enrolment system provides equal opportunity for the students with different socio-economic backgrounds for an affordable and quality education. Besides that institution also have reserved seats as per the reservation rules on an inclusive basis incorporating SC, ST, Differently abled, backward communities, minority communities, and students from outside states. Some seats are reserved for Cultural and Sports quota with Scholarships are instituted for the deserving students

College is having students from different religions and cultural backgrounds and institution is also open to celebrate festivals of different religion and culture. Along with this all languages are also given equal importance. Celebration of Republic day and Independence Day with cultural programs also play an important role in adding social harmony among students. Scholarships as per Government rules are given to the SC/ST/ OBC students for their upliftment and inclusive progress in the world of education. Awareness programs are held on a regular basis by the NSS and IQAC promoting cultural diversity and inculcating the spirit of inclusion.

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

At the beginning of new semester, an orientation program is organized for new students in order to make them familiar to their responsibilities and rights. Through this program it is conveyed that students are expected to behave ethically and for them all important committees like Anti Ragging cell, Grievance Redressal and Anti Sexual Harassment Cell are active and functioning.

Various days are celebrated like Teachers' Day, Independence Day, Republic Day, Women's day and International Mother Language Day etc. to instill values in students. Institute also put efforts to sensitize students for environment. As a part of it college has initiated plastic free campus movement. The college campus is kept pollution free and awareness programmes are held on the importance of understanding environmental conservation in a responsible manner.

SPTSC has National Service Scheme (NSS) unit where students engage in diverse community service programs. The National Cadet Corps (NCC) unit of the college is dedicated to creating a 'sense of patriotic commitment' for national development.

The college believes that promoting religious harmony is very important to maintain peace in our diverse society. All religion, caste and languages are respected equally and students are taught the importance of building up a democratic outlook. We attempt that all employees and students of the college share a promise to being accountable citizens of the country.

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, 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   **A. All of the above**

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

Sir P. T. Science College, Modasa is committed to promote ethics and values amongst students and faculty to encourage the same, College organizes National festivals as well as Anniversaries for the great Indian Personalities this include. Every year our institute organizes the national festivals and birth / death anniversaries of the great Indian personalities.

26th January Republic Day – One of the colleges on the college campus is given the responsibility to celebrate the Republic Day. In which the guest is invited to hoisting the flag by the best NCC

student.

The Women's Cell of the college celebrates the International Women's Day (8th March) by inviting eminent speakers who shed light on the relevance of commemorating this day.

15th August Independence Day – Independence Day is celebrated on our college campus. The best students of the campus are also honored. This special parade is also organized by NCC students.

5th September (Dr. Sarvpalli Radha Krishnan Birth Anniversary) – On 5th September, we celebrate Teacher's Day with great passion. The students organize a program for the teachers.

12th JJanuary(Swami Vivekananda Birth Anniversary)- On 12th January, Our nation Celebrate Youth Day with great pleasure.

22th December (Shri Nivasan Ramnujan Birth Anniversary) – On 22th December, Mathematics Department organize Quiz competition.

College also celebrated Yoga Day on 21st June by organizing Yoga in college ground.

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	View File
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.

BEST PRACTICE – 1

Title: Hope.. (A Voice From Within..) Social and Holistic enhancement of Individual to Society

BEST PRACTICE – 2

Title : TO IMPROVE STUDENTS CREATIVITY THROUGH SHODH INCUBATION CENTRE :A Journey to become Entrepreneur

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

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

We believe that college life is about learning to interact with other people, being aware of social, environmental, science, gender issues and inequities in the society. We provide an opportunity to every student to contribute to make the society in which they live a better place and to grow as better individuals.

To inculcate the students to analytical and compassionate, intellectually aspirant andsynthesizing scientific temperament with humanistic wisdom and esthetical values that builds spirit of humanity. In line with its vision of working towards the socio-economic development of the country, the SPTSC has taken utmost care to give back to the community. Throughout the year, the NSS unit undertakes a plethora of events ranging from cleanliness drives, tree plantation, donation drives, waste management, gender equity, field visits and many more.

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

Sir P. T. Science College, Modasa is an affiliated institution with Hemchandracharya North Gujarat University, Patan and follows the syllabus set by the parent University. Institution's own academic calendar of events is prepared and uploaded on college website. The college streamlined within the established academic structures in order to provide quality education along with the holistic development of the students.

Academic progressions are reorganized, with timetable, workload andother supporting administrative tasks, also teaching -learning and evaluation plans are strictly followed according to the Academic Calendar. All departments prepare their own work plan for the term and make sure it is completed within the stipulated time. The classes were conducted both in online and off-line mode during 2021-22 and regularly monitored by the Head of the various Departments.

Through various interactive activities like group discussion, quiz, debates, the students are provided with practical insight into the curriculum which help them to improve their intellectual skills, such as critical analysis, problem solving, evaluation and synthesis. Student's performance is continuously monitored through Internal assessment test and assignments. The institution tries to integrate the suggestions of all its stakeholders in to the functioning. Feedback forms are thoroughly analysed and steps taken for quality enhancement. Principal conducts meetings with Teacher-In-Charge(s), faculty members, Convenors of committees and non-teaching staff to ensure smooth execution of scheduled activities. The departments also hold regular meetings to assess the covered curriculum and discuss the issues faced by the students and teachers.

File Description	Documents
Upload relevant supporting document	[View File]()
Link for Additional information	https://sirptsciencecollege.org/syllabus/

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

Before the commencement of the semester, Sir P. T. Science college prepare own academic calendar based on the declared calendar of the parent university (HNGU, Patan). University provides demarcated schedule for teaching, examination, semester break and vacations to ensure smooth and efficient functioning of its teaching and administrative processes.Within the context, the college prepares its own calendar which includes the dates for internal examinations, seminars, expert talks and other cocurricular and extra-curricular activities for an all-round development of students. Both calendars are uploaded on college website.

The class timetable for the semester is prepared by concerned departments. The Principal and Heads of Departments keep the track and ensure that the schedule of curriculum delivery is being followed as per the calendar. An Examination committee is formed at the college level which monitors the overall internal assessment process and the implementation of it reviewed by the principal regularly.

Internal assessments are conducted periodically. Implementation of the internal assessment process is based on the Internal Assessment Exam Committee (IAEC), which is formed at the college level and monitors the overall internal assessment process. Assessment criteria includes two internal assessment exams, assignments, presentations, class room performance and mock practical exams before the university exam. The IA marks are uploaded using HOD's portal. Transparency is maintained as it is displayed once it is uploaded.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://sirptsciencecollege.org/about-us/academic-calender/

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

8

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
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)

05

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
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

36

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

36

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

Being an affiliated Institute, the Institute follows curriculum designed by the University. The University integrates Environmental Science, Solid Waste Management, Professional Ethics, etc. into the curriculum.

For the holistic development of the students, institute organizes various activities like tree plantation, Expert talks, Blood donation camp, hygiene etc with the help of students. Both, boys and girls are made members of various committees related to academics, co-curricular and extracurricular activities.

In order to develop self-discipline, leadership skills, organisational abilities, develop a sense of responsibility towards society and nurture, team NSS has organized 10 days residential camp at nearby village.

Different committees are formed in order to maintain college discipline and to deal with various grievances.

1. Women Grievances Committee: The Women Grievances Committee (WGC) is active in the institute to create confidence and better awareness about gender equity and to reinforce the rights of women in the institute. Our college feels proud that no sexual harassment incident took place in the college.

2. Anti- Ragging Committee: As per the guidelines of UGC, AICTE and the University, an Anti- Ragging Committee has been constituted to provide the ragging free environment. Any student can lodge a complaint without disclosing his/her identity in case of any inappropriate incident.

3. Discipline Committee: This committee formed by one faculty member from each department. This committee plays a vibrant role in the maintenance of campus discipline.

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

3

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	View File
MoU's with relevant organizations for these courses, if any	View File
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

60

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	A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

1.4.2 - Feedback process of the Institution may be classified as follows	**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://sirptsciencecollege.org/student-corner/feedback/

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

395

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

249

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

All classes comprised of heterogenous groups of students enrolled through a merit based transparent system. Out of them maximum students are coming from rural background where life is too challenging specially when it comes to the education. So, it becomes essential for the institution to identify the students who really seek extra attention. Slow and advanced learners are identified through following methods:

- Result of internal test
- Classroom interaction
- Involvement in academic and curricular activities

To meet the need of both the types of learners, precise teaching-learning methodologies are then discussed and implemented. Several teaching- learning methods are being developed by the fusion of traditional teaching methods and new age technological methods, which are as follows.

The needs of identified slow learners being responded through the following ways:

- Extra coaching and individual guidance from the subject teacher
- Guide them to solve previous years university question papers.
- Providing simplified study material which can be understood easily.

The needs of identified advanced learners being responded through the following ways:

- Motivated to secure rank & distinction in university examination
- Advanced study materials are provided to these students.
- Motivated to participate in quiz competitions, seminars

and group discussions.
- **Making them practice to solve twisted questions in order to enhance their problem-solving capacity.**

File Description	Documents
Link for additional Information	https://sirptsciencecollege.org/student-corner/
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
204	**25**

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

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

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

- **Student start up and innovation Programmes**
- **Project work**
- **Participation in competition at various level**
- **Botanical visits.**
- **Industrial Visits**

- Guest Lecture

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

- Seminars
- Assignments and Presentations
- NSS camps

To enhance the analytical approach of students following problem solving methodologies are being practiced by the institution.

- Research Activities
- Preparation for competitive exam

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://sirptsciencecollege.org/student-corner/

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

The college has well equipped computer labs. During online mode of teaching-learning practices, teachers have explored various learning platforms like Google Meet, Zoom and Microsoft teams. Study materials were also shared through different media like Google Classroom, E-Mail, Blogs, WhatsApp, etc. Students were also provided with lecture series of SANDHAN which is in local language and helps students to understand better. Teachers also used informative videos from YouTube, Ted talks and other educational podcasts to make learning process interesting. Students are assigned different tasks which they have to represent by using PowerPoint presentations. This helped students to get habitual to the computers.

In teaching-learning processes, E-books and other study materials are being shared with students as it cuts the cost and handy to use. Department of Mathematics uses Dell lab for conducting practical. All computers in lab are updated with software like Tally, MATLAB, MS office and other necessary

software. ICT Enabled Teaching is in practice to make classes more exciting and thorough. Teachers make the best use of ICT in the classrooms and visual presentations really keep the students engaged.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://sirptsciencecollege.org/infrastructure/

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

25

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
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

25

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	[View File](#)

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

21

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

23

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.

The Institute follows the University rules and guidelines to conduct the Internal Assessment which is based on attendance, assignment/Seminar, and internal exam test papers. Two internal Assessment tests (IA) are conducted as prescribed in the curriculum. All of these together constitute an integral part of Internal Examination which is carried out in a well-planned and systematic manner. The college has formed an internal exam committee which comprises a coordinator and other 5 members. The Institute internal exam committee works as a link between the departments and the University. Students are informed the examinetion dates well in advance through notice board and website. Teachers make sure that all students are familiar with

the internal assessment evaluation criteria in order to maintain transparency. The respective faculty evaluates the test papers promptly and answer papers are submitted to college factotum within time. Internal test answer books are made available to students on demand. Once the evaluation is done, then the marks are shared with the students and also entered in university portal very carefully so that any discrepancy does not arise. Students are also given chance of re-test in case if they cannot clear the exam or remain absent due to some reasons. The rechecking/reassessment system in the internal examination is also available for students. The rules for gracing for students are decided by the examination committee and it is also communicated to students.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://sirptsciencecollege.org/about-us/committee/

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

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

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

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

4. Any student who is not satisfied with the assessment and award of marks may approach the concern HOD who can intervene and seek opinion of another course Teacher.

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

6. The answer scripts are retained in the departments for safe keeping, for a year anticipating issues that may arise in the future.

File Description	Documents
Any additional information	[View File]
Link for additional information	https://sirptsciencecollege.org/syllabus/

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.

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

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

shaped their career.

- Many teachers are also the members of Board of Studies; thus, the process of learning outcome awareness takes place smoothly and improve the quality of teaching learning.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://sirptsciencecollege.org/syllabus/
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.

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

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

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

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

Counseling, Finishing School, Scope Personality Development Program, and Communication Skills, organizations of Scholarly Lectures Health Awareness Programs etc.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://sirptsciencecollege.org/syllabus/

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

121

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	https://ngu.ac.in/ExamResult.aspx

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://sirptsciencecollege.org/student-corner/feedback/

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)

3.45lack

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

00

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://sirptsciencecollege.org/

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

12

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

12

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

12

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

The student volunteers visit neighboring localities and conductvarious activities regularly. Extension activities in the neighborhood community in terms of impact and sensitizing students to social issues and holistic development.Sir P.T.Science Collegeorganizes and participates in various extension activities with a dual objective of not only sensitizing the students about various social issues but also contribute to the community and strengthen community participation. The NCC, NSSand SSIP college units take part in various initiatives like 1. Blood donation camps 2. Swachh Bharat initiatives 3. Covid-19 Awareness 4. Saksarata awareness Program 5. Energy awareness Program 6. Yoga Day 7. Awareness

programs on AIDS prevention 8. Social Enterpreneurship

File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/districtcommunity- science-center-aravalli/
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

01

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

39

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

2675

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

205

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

03

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 Institute has adequate physical and academic facilities required as per University Grant Commission guidelines, Education department Government of Gujarat and HNGU Patan.

- **The college campus is spread over 18.29 acre of land.**
- **All the Classrooms and Seminar Hall are well equipped along with computing system and Internet facility.**
- **Campus is Wi-Fi enabled with 100 MBPS Speed so that the faculty members utilize this resource to present lectures and keep up with current information and the students can get more decent education.**
- **13 Wi-Fi and ICT enabled classrooms for Academic activities.**
- **Each department has a well equipped laboratory, computer, printer and internet facilties.**
- **Underground tank for water storage under rain water harvesting scheme.**
- **Well equipped seminar hall with 200 seating capacity facilitated with LCD Projector, Inter active Board, Digital Podium, Audio Visual aids.**
- **Digital Education and Learning Laboratory (DELL) with 25 computers in LAN with Wi-Fi.**
- **Maths Computer Laboratory with 22 computers with LAN and internet facility and interactive board.**
- **Chemistry Research Lab with sophisticated instruments to promote and enhance research activities in the institution.**
- **12 well developed laboratories out of which Botany laboratory is facilitated with Wi-Fi and LCD Projector.**

- **○ Biology Museum**
- **○ Botanical garden**
- **○ A Well Furnished computerized ICT enable administrative office**
- **○ canteen facility, washrooms, NCC &NSS office, Girls room, Community Hall, Girls & Boys Hostel ,Mineral Water**

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://sirptsciencecollege.org/infrastructure/

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

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

It is important for an educational institution to consider a student's physical and athletic growth in addition to their educational progress. The College has facilities for sports and games and cultural activities.

- **○ Separate spacious playground with indoor-outdoor stadium for sports activities.**
- **○ The College situated in the heart of the town, the students use a small patch of open space inside the campus for playing Khokho, Kabaddi and even for practicing Hockey and football.**
- **○ seperate badminton court in the College campus.**
- **○ well-equipped gymnasium.**
- **○ Yoga Day is celebrated every year.A stage with roof which is use for Yoga.**
- **○ College Perform well in Inter College and Uni. Tournaments.**
- **○ Annual day and Annual Sports Day celebration every year.**
- **○ Various cultural activities like Dance, Song, One Act Play, Essay, Debate, Recitation, Quiz, Extempore, Creative Writing, Fine Arts, Rangoli, Mehandi, and all such activities are conducted on the big and open stage inside the campus.**
- **○ Prize distribution every year for students who perform**

	well in sports and cultural activities

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sirptsciencecollege.org/

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

16

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

16

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sirptsciencecollege.org/infrastructure/
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)

0

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)

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

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

INTEGRATED LIBRARY MANAGEMENT SYS

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

SUBSCRIPTION TO E-RESOURCES

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

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://sirptsciencecollege.org/infrastructure/

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

A. Any 4 or more 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)

0.72060

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

8445

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

- **All the classrooms are well -equipped with LCD projecter with CPU and internet Wi-Fi connectivity with 100 MBPS speed that covers the entire campus premises.**
- **Licensed and open licensed software for academic requirements**
- **Software like MATLAB , SOUL 3.0 , Tally erp 9**
- **In the administrative office all the staff facilitated with computer, printer, scanner , LAN internet connectivity.**
- **The central library is facilitated with computers, printers, photocopier and internet connection.**
- **INFLIBNET N-list Membership is provided to each faculty member**
- **An informative and Dynamic Website**
- **The Government Provided 100 Mbps Internet Facility under NAMO WiFi Scheme for Students and the college has also taken GTPL Wi-Fi connection with 50 MBPS.**
- **Computer, printer and internet facility is provided to each Department and Staff room**
- **All the Class Rooms and Library reading room are well equipped with LCD projectors and internet connectivity.**

Computer Lab:

- **The Mathematics Computer Laboratory and The Digital Educational Learning Laboratory (DELL) are developed.**
- **Computer lab is well-equipped with branded PC's adequately supported by 50 Mbps Broadband line for internet connectivity. A wide range of system software and application software are used in the computer lab. The entire Lab is connected with LAN. Computer labs are well connected to the internet help students and faculty to carry out their academic and other work. Computer assistant is provided to support students and faculty to**

solve their queries.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sirptsciencecollege.org/infrastructure/

4.3.2 - Number of Computers

85

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)

16.32756

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.

1. Laboratories : Each laboratory has one teacher as lab incharge, a Lab Assistant and attendant. Lab in-charge is responsible to maintain and upgrade the laboratory with necessary equipments from time to time to cope with change in the syllabus. Dead stock verification (Physical Verification) is carried out to verify working/nonworking/missing equipments etc. Preventive maintenance and performance monitoring is carried out. Every laboratory assistance keeps the record of utilization of equipments, computers and other required material .

2. Library: Librarian with supporting staff focus on the availability and utilization of instructional material in teaching and learning process. After stock verification,Librarian will prepare the report on the same and utilization of books by the students and staff.

3. Sport complex: The sports equipments are issued to the students as per the schedule of the events by physical instructer . If any equipments get faulty sports instructor submits proposal for maintenance.

4. Class Rooms: Class rooms are allocated to all departments along with necessary ICT tools. The class rooms are utilized as per the time table of the department and are cleaned on daily basis monitored by institute supervisor. Principal and all HODs also monitor the cleaniness in the class rooms.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sirptsciencecollege.org/

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

424

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
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

424

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	A. All of the above

File Description	Documents
Link to institutional website	https://sirptsciencecollege.org/
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

634

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

634

File Description	Documents
Any additional information	View File
Number of students benefited 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

08

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

132

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

12

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.

02

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 institute believes in giving equal opportunity to the students in supporting the college faculty in running the affairs of the college. For this, the college endeavors to provide them with opportunities to participate in various academic and administrative bodies. Student Council of the college is an elected body and always joins hands with faculty members and college administration to ensure overall development of the college. Student Council organizes different cultural programmes to observe important days such as "Swami Vivekananda's birthday", "Republic Day",etc. in the college

campus. Students' council organizes annual college exhibitions inthe college campus, which also involves an interdepartmental competition and thereafter prize distribution through proper judgement by invited eminent persons of the locality.

SRC (STUDENTS' REPRESENTATIVE COUNCIL) is a student body of the college consisting of student representatives from all the branches.

Aims and objectives of SRC are as follows:

To promote friendship and respect among fellow students and teachers.

To promote co-curricular and extracurricular activities by providing the platform.

To promote an environment conducive to educational and personal development.

To actively participate in the conduction and organization of various functions.

File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/co-curricular/
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

1571

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

There is a Non- registered Alumni Association OSA Sir P.T. Science College, Modasa that contributes Prize distributions to promote students in various subjects.

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(?????????????)

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M.Sc. Sem-IV
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File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/alumni-association/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	`E. <1Lakhs`

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

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The college follows its vision and mission to serve better for
students. The governance of the college matches vision and the
mission of the college. Our vision and the mission are as
follows:

OUR MISSION

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

OUR VISION

To inculcate the students to analytical and compassionate,
intellectually aspirant and reflective synthesizing scientific
temperament with humanistic wisdom and ethical values that
builds spirit of humanity.
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File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/about-us/vision-goal/
Upload any additional information	View File

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

Internal Decentralization: - The Principal given freedom to plan academic activities for the smooth conduct and continuous progress of the college both for the Teaching and Non teaching aspects of college functioning. - IQAC has the freedom to formulate quality policies and its implementation discussed and planned at the several meetings conducted in the year.

- HODs and Coordinators of Departments have the freedom to plan, implement, finalize and shape activities in view of the available resources by conducting department meetings. –

Committee meetings: Drawing participatory action plans, implementation and reflection on the same for improvement/innovation under the leadership of the Convener. - Staff Meetings: A large number of issues are discussed during staff meetings, giving the scope for collective thinking and decision making. - Faculty members have contributed in a big way in internalizing quality policy due to openness in working at all levels and free access to the Principal Participatory Management: The college follows the principle of Participatory Management. The defining, allotting and communicating of responsibilities happen concomitantly in the meetings conducted at various levels as listed below: -

IQAC meeting: reviewing college functioning, making and approving budgetary provisions, making decisions for expansion etc.

• Interaction with parents: The teachers interact with parents in Orientation Programs, Principal follows up with parents of defaulters in attendance, interact with parents of meritorious students during prize distribution functions

File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/about-us/committee/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institute's quality policy is well conveyed from its vision and mission statements. Strategic plan and action plan are designed in such a manner that this quality policy is driven and deployed during every process. Each process is regularly reviewed by a monitoring mechanism. Strategy to develop competences to serve the ever changing needs of the industry & society and strategy to empower the faculty, staff and aspiring engineers with essential technical knowledge and skills: Arranging industrial visits, in-plant trainings and guest lecture for students. Organizing orientation programs, courses related to the curriculum. Applying the innovative teaching learning methods such as Cooperative learning, Group discussions and Seminars. Strategy to strengthen collaborative research and consulting environment with industry and other institutes: Forming MoUs with industries and other institutes. Appreciating the research of students/ faculty. Motivating the students and faculty for research by organizing technical competitions and also presenting papers in conferences. Strategy to inculcate social and ethical values: Establishing NSS/NCC cell and organizing various social programs/ activities through this cell. Establishing NCC cell organizing blood donation camp and other activities through this cell.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://sirptsciencecollege.org/about-us/committee/
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.

With the hands-on experience of the management, the Institutional Management is designed in a scientific way with transparency to get the optimum results out of it. A hierarchical sets up is established from top management to down the level clearly demarking the Duties, Responsibilities, Accountability and Authorities at every stage.

SPTSC has been established in 1960. It has a Governing body to monitor and achieving the vision and mission of the institution. It has an effective organizational structure which monitors and improves the institution.

File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/about-us/committee/
Link to Organogram of the Institution webpage	https://sirptsciencecollege.org/about-us/committee/
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

Teaching Non-teaching Students Govt. Group Insurance scheme Govt. Group Insurance scheme Govt. Group Insurance For health faculties institute MOU Dr.Rasiklal Shah Sarvajanik Hospital,Modasa For health faculties institute MOU Dr.Rasiklal Shah Sarvajanik Hospital,Modasa For health faculties institute MOU Dr.Rasiklal Shah Sarvajanik Hospital,Modasa Credit Society Credit Society Finacely support Annual education fees.

File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/student-corner/scholarship/
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

15008

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

00

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
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

04

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
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

SPTSC strictly follows the UGC Regulations on Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the

Maintenance of Standards in Higher Education-2010" (Regulation No. F.3-1/2009 dated June 30, 2010), together with all amendments made therein from time to time, for its teaching and non-teaching staff. The performance of each employee is assessed annually after completion of one year of service. The objective is not only to objectively evaluate the performance as per established norms, but also to identify potential aspects for improvement that can eventually lead to further progress and growth of the employee. The salient features of the performance appraisal system are as follows: Teaching Staff a) The performance of each faculty member is assessed according to the Annual SelfAssessment for the Performance Based Appraisal System (PBAS). b) Promotions are based on the PBAS proforma for UGC Career Advancement Scheme (CAS) that is based on the API score. c) The institute undertakes a wide range of activities besides academics, for which faculty members are assigned additional duties and responsibilities, which are mostly voluntary. The Institute accords appropriate weightage for these contributions in their overall assessment.

File Description	Documents
Paste link for additional information	https://www.rascheguj.in/GovernmentResolutio
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 SPTSC conducts regular financial audits. The institute has a formal mechanism for internal and external audits. The accounts are regularly audited to ensure financial compliance. Internal Audit: The internal audit is a continuous process. The finance committee and the Qualified Auditors from external resources have been appointed and a team of staff under them do a methodical verification on quarterly basis. The team verifies all payments, receipts, vouchers of the cash transactions, ledgers and cash book. External Audit: The external auditor/agency appointed by the college performs audit of the financial statements of the college. The financial records are audited by qualified chartered accountants at the end of each financial year. The financial records are certified i.e.,

income and expenditures, balance sheet and prepared notes to accounts are certified. The Institution publishes audited financial statements on the institutions website as information for the concerned people.

File Description	Documents
Paste link for additional information	https://www.rascheguj.in/GovernmentResolu tio n.aspx
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)

00

File Description	Documents
Annual statements of accounts	View File
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

The accounts maintain in Telly software and entries account are monitored by authorities. There is a mechanism of checking, rechecking and crosschecking of accounts by the authorities. Besides, an arrangement is made by the management for internal audit at least two times a year by C.A. In the case of spending of UGC grant, there is IQAC, Finance Committee and Library Committee takes a decision. All purchases are done through tender system. The external audit is also done by the state government periodically. The grant of state government is finalized only after the audit.

File Description	Documents
Paste link for additional information	https://www.rascheguj.in/GovernmentResolutio n.aspx
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 IQAC holds meetings periodically: With the Heads of the Departments every month under the chairmanship of principal to review the progress of academic activities such as, the number of classess held, syllabus covered in subject, Internal Examinations conducted and teaching diaries are verified with annual plan and also to identify, bottlenecks, if any, in administrating various progammes. With administrative staff to review the progress in respect of college administration and steps taken / to be taken for improvement. IQAC conducts periodic review of the academic and administrative functioning. Further, the IQAC collects feedback information from students on Teaching – Learning performance at the end of each semester. The information obtained is analyzed and steps to be taken for necessary improvements are passed on to the concerned departments. The Learning - Outcomes are reviewed after conducting of Internal Examinations and it calls for a one-on one meeting with the faculty of each department to make an assessment of their performance. It evolves mechanism to record and monitor the performance of each student through Concerned Departments.

File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/iqac/
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 holds meetings periodically: With the Heads of the Departments every month under the chairmanship of principal to

review the progress of academic activities such as, the number of classess held, syllabus covered in subject, Internal Examinations conducted and teaching diaries are verified with annual plan and also to identify, bottlenecks, if any, in administrating various progammes. With administrative staff to review the progress in respect of college administration and steps taken / to be taken for improvement. IQAC conducts periodic review of the academic and administrative functioning. Further, the IQAC collects feedback information from students on Teaching – Learning performance at the end of each semester. The information obtained is analyzed and steps to be taken for necessary improvements are passed on to the concerned departments. The Learning - Outcomes are reviewed after conducting of Internal Examinations and it calls for a one-on one meeting with the faculty of each department to make an assessment of their performance. It evolves mechanism to record and monitor the performance of each student through Concerned Departments.

File Description	Documents
Paste link for additional information	https://sirptsciencecollege.org/iqac/
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	https://sirptsciencecollege.org/studentcorner/_feedback/
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

- **Sir P. T. Science College Modasa, has initiated various approaches to promote and ensure gender equity. The institution has initiated various approaches to promote and ensure gender equity at various levels in terms of rights, benefits, obligations, and opportunities. We treat both women and men according to their respective needs in a fair manner by providing an environment where everyone, irrespective of gender, feels safe to engage in activities such as learning, teaching, and working.**
- **Orientation program on the importance of gender equity and women empowerment.**
- **Faculty hold equal administrative and academic leadership**
- **The committee for Anti-Sexual Harassment and Anti-Ragging ensures a secure environment.**
- **Women Cell takes care of all aspects of girl students, reduces gender disparities (if any), and never allows them to feel deprived of their privileges.**
- **Special facilities for girls in the campus, such as canteen, washroom, etc**
- **Women's employability activities**
- **Health Check-up (Anaemia detection Camp)**
- **24*7 security guard and the entire campus is under CCTV surveillance for security**
- **Students are accompanied by men and women faculty during educational tours, extension activities, and industrial visits**

- **Specially arranged toilet and refreshment facilities for girls and boys**
  - **Service of professional counsellor for guidance**
  - **Special arrangement for Thalassemia test, physical fitness, and sports facilities**
  - **Orientation sessions for boys on gender equity and respecting women.**

File Description	Documents
Annual gender sensitization action plan	https://sirptsciencecollege.org/co-curricular/
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	https://sirptsciencecollege.org/co-curricular/

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	**A. 4 or All 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

The SPTSC has taken conscious efforts to enhance and nurture the eco-friendly environment and always strives for a sustainable environment on the campus.

The Institute has taken all initiatives in line with the Swachha Bharat Abhiyan to sensitize its students and staff through different activities initiated and performed by the Maintenance and Beautification Committee and the NSS

volunteers.

The college takes measures to make the campus a plastic-free zone. Enough garbage bins are placed inside the campus area to ensure that nothing is littered around. Students are made aware of the importance of a plastic free world so that they keep the practice not only within the college campus but in their homes and everywhere.

Students are encouraged to make artefacts and handicrafts using recycled products when they display their handmade products in college exhibitions.

There is a rainwater harvesting System in the college which is a sustainable process that helps in preserving water for future needs. Water scarcity is a major concern in today's scenario. The process of rainwater harvesting is a good way to conserve water.

Departmental and student level seminars and sensitization programmes have been organized on the importance of water and how to minimize, reuse and recycle liquid waste.

The science laboratories follow the potential hazards and appropriate waste disposal procedures. Acidic or basic solutions are neutralized and if they contain toxic cautions, they are collected for disposal as hazardous waste.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[View File](#)
Geo tagged photographs of the facilities	https://sirptsciencecollege.org/activity/
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	A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

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** 5. **landscaping with trees and plants**	A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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	A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
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	B. Any 3 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	View File
Details of the Software procured for providing the assistance	View File
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 efforts the best in order to provide an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. The merit based enrolment system provides equal opportunity for the students with different socio-economic backgrounds for an affordable and quality education. Besides that institution also have reserved seats as per the reservation rules on an inclusive basis incorporating SC, ST, Differently abled, backward communities, minority communities, and students from outside states. Some seats are reserved for Cultural and Sports quota with Scholarships are instituted for the deserving students

College is having students from different religions and cultural backgrounds and institution is also open to celebrate

festivals of different religion and culture. Along with this all languages are also given equal importance. Celebration of Republic day and Independence Day with cultural programs also play an important role in adding social harmony among students. Scholarships as per Government rules are given to the SC/ST/ OBC students for their upliftment and inclusive progress in the world of education. Awareness programs are held on a regular basis by the NSS and IQAC promoting cultural diversity and inculcating the spirit of inclusion.

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

At the beginning of new semester, an orientation program is organized for new students in order to make them familiar to their responsibilities and rights. Through this program it is conveyed that students are expected to behave ethically and for them all important committees like Anti Ragging cell, Grievance Redressal and Anti Sexual Harassment Cell are active and functioning.

Various days are celebrated like Teachers' Day, Independence Day, Republic Day, Women's day and International Mother Language Day etc. to instill values in students. Institute also put efforts to sensitize students for environment. As a part of it college has initiated plastic free campus movement. The college campus is kept pollution free and awareness programmes are held on the importance of understanding environmental conservation in a responsible manner.

SPTSC has National Service Scheme (NSS) unit where students engage in diverse community service programs. The National Cadet Corps (NCC) unit of the college is dedicated to creating a 'sense of patriotic commitment' for national development.

The college believes that promoting religious harmony is very important to maintain peace in our diverse society. All religion, caste and languages are respected equally and

students are taught the importance of building up a democratic outlook. We attempt that all employees and students of the college share a promise to being accountable citizens of the country.

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, 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

A. All of the above

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

Sir P. T. Science College, Modasa is committed to promote ethics and values amongst students and faculty to encourage the same, College organizes National festivals as well as Anniversaries for the great Indian Personalities this include. Every year our institute organizes the national festivals and

birth / death anniversaries of the great Indian personalities.

26th January Republic Day – One of the colleges on the college campus is given the responsibility to celebrate the Republic Day. In which the guest is invited to hoisting the flag by the best NCC student.

The Women's Cell of the college celebrates the International Women's Day (8th March) by inviting eminent speakers who shed light on the relevance of commemorating this day.

15th August Independence Day – Independence Day is celebrated on our college campus. The best students of the campus are also honored. This special parade is also organized by NCC students.

5th September (Dr. Sarvpalli Radha Krishnan Birth Anniversary) – On 5th September, we celebrate Teacher's Day with great passion. The students organize a program for the teachers.

12th JJanuary(Swami Vivekananda Birth Anniversary)- On 12th January, Our nation Celebrate Youth Day with great pleasure.

22th December (Shri Nivasan Ramnujan Birth Anniversary) – On 22th December, Mathematics Department organize Quiz competition.

College also celebrated Yoga Day on 21st June by organizing Yoga in college ground.

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	View File
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.

BEST PRACTICE – 1

Title: Hope.. (A Voice From Within..) Social and Holistic enhancement of Individual to Society

BEST PRACTICE – 2

Title : TO IMPROVE STUDENTS CREATIVITY THROUGH SHODH INCUBATION CENTRE :A Journey to become Entrepreneur

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

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

We believe that college life is about learning to interact with other people, being aware of social, environmental, science, gender issues and inequities in the society. We provide an opportunity to every student to contribute to make the society in which they live a better place and to grow as better individuals.

To inculcate the students to analytical and compassionate, intellectually aspirant andsynthesizing scientific temperament with humanistic wisdom and esthetical values that builds spirit of humanity. In line with its vision of working towards the socio-economic development of the country, the SPTSC has taken utmost care to give back to the community. Throughout the year,

the NSS unit undertakes a plethora of events ranging from cleanliness drives, tree plantation, donation drives, waste management, gender equity, field visits and many more.

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

Sir P. T. Science College, Modasa constantly working towards excellence and for that institution always have plan for next move. The Institution plan includes

- Timely arrange IQAC meeting and reform new committee.
- To monitor the utilization of SSIP grant.
- To introduce new short term courses of skill development and training program for competitive exam.
- To start Finishing school for skill development with collaboration with KCG.
- To maintain Botanical and medicinal garden in Campus.
- To arrange lecture series local and University level.
- Organize various student and faculty development programme and to make placement more efficient.
- To start academy for competitive examinations.
- To encourage student to participate inNSS/NCC/Culture/Sport activities.
- To motivate PG student regarding NET/SLET examination.
- Enrich library by adding new reference books/journal/periodicals/E-resources. Upgrade institutional website.
- To reform examination pattern.
- To extent the work and activities of IQAC like skill development.
- To arrange workshop for newly appointed teaching staff.
- To start faculty exchange programme.
- Celebrating various days.
- To initiate various awareness programme