



# **YEARLY STATUS REPORT - 2023-2024**

## **Part A**

### **Data of the Institution**

#### **1.Name of the Institution**

**SENGUNTHAR ENGINEERING COLLEGE**

• Name of the Head of the institution **Dr.R.SATISH KUMAR**

• Designation **PRINCIPAL**

• Does the institution function from its own campus? **Yes**

• Phone No. of the Principal **04288255715**

• Alternate phone No. **9842755552**

• Mobile No. (Principal) **9366653347**

• Registered e-mail ID (Principal) **info@scteng.co.in**

• Address **KOSAVAMPALAYAM, KUMARAMANGALAM  
POST**

• City/Town **TIRUCHENGODE**

• State/UT **TAMIL NADU**

• Pin Code **637205**

#### **2.Institutional status**

• Autonomous Status (Provide the date of conferment of Autonomy) **24/06/2019**

• Type of Institution **Co-education**

• Location **Rural**

- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr.T.R.CHINNUSAMY**
- Phone No. **04288255716**
- Mobile No: **9788286124**
- IQAC e-mail ID **iqac@scteng.co.in**

**3.Website address (Web link of the AQAR (Previous Academic Year))** <https://sect.edu.in/NAAC.html>

**4.Was the Academic Calendar prepared for that year?** **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://sect.edu.in/academic-schedule.html>

### 5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>3.06</b>	<b>2015</b>	<b>15/11/2015</b>	<b>14/11/2020</b>
<b>Cycle 2</b>	<b>A</b>	<b>3.06</b>	<b>2019</b>	<b>04/12/2019</b>	<b>31/12/2024</b>

**6.Date of Establishment of IQAC** **31/12/2014**

**7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?**

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
INSTITUTION	2 (f) STATUS	UGC	15/05/2015	0
INSTITUTION	Remote Centre - IIT Bombay	IIT Bombay	08/05/2018	0
INSTITUTION	12 (B) STATUS	UGC	08/08/2016	0
INSTITUTION	National Cyber Security	National Resource Centre for National Security Programme	12/02/2016	0
INSTITUTION	MSME HI BI	MSME	21/01/2020	0

#### 8. Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

#### 9. No. of IQAC meetings held during the year **3**

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

#### 10. Did IQAC receive funding from any 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)

Quality checks on different activities of the institution

Develop better student mentoring system, conduct Student Satisfaction Survey, taking systematic and concerted efforts for entrepreneurship, promoting environmental consciousness and Green campaign

Promoting students participating in co-curricular and other activities to impart leadership training and universal values

1) Received Four Star Rating certificate for the year 2023 from Innovation Cell, Ministry of Education, Government of India. 2) MSME recognized HI/BI (Host Institution / Business Incubator) 3) Ranked AAA for India's Top Engineering Colleges in India-2023 by Careers 360 4) Ranked 25th among India's Top Engineering Colleges for Excellence by Global Human Resource Development Center (GHRDC) and Ranked 18th Place in Tamil Nadu. 5) India Today has ranked Sengunthar Engineering College, Tiruchengode - for Best Private Engineering Colleges of India in Academic Excellence and Infrastructure & Living Experience. 6) Ranked 26th position in Top Engineering Colleges by CHRONICLE - 11th All India Engineering Colleges Survey - 2023. 7) Rated A in Best Engineering Colleges by CHRONICLE 11th All India Engineering Colleges Survey 2023. 8) Awarded as Best Engineering College in South Region by CHRONICLE - 11th All India Engineering Colleges Survey - 2023. ? Participated in National Institutional Ranking Framework (NIRF) for the year 2023 under Innovation category.

**12. Plan of action chalked out by IQAC at 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
<p style="text-align: center;"><b>Affiliation &amp; Accreditation</b></p>	<p>The Institution has been recognized by UGC, New Delhi under Section 2(f) and 12(B) of the UGC Act, 1956 and also Accredited with "A" Grade by NAAC and the NAAC Accreditation has been renewed up to 31.12.2024 with the same grade point 3.06 of 4 point scale. The college is certified as ISO 9001:2015 Institution by BSCIC. This Autonomous Institution has been approved by University Grants Commission (UGC), All India Council for Technical Education (AICTE), New Delhi and Anna University, Chennai for Ten years from the academic year 2019-2020 to 2028-29.</p>
<p style="text-align: center;"><b>Admission</b></p>	<p>For the academic year 2023-2024 totally 471 students have been admitted in various programmes, 445 students in UG, B.E./B.Tech. Programmes and 60 students in PG (MBA &amp; M.E.) programmes.</p>
<p style="text-align: center;"><b>New Courses of Study</b></p>	<p>To meet the societal demands and to opt for 100 % employment assuring degree programmes, the College started a new degree programme in B.E. Pharmaceutics Technology with effect from 2023-2024 with an intake of 30. We have framed new Curriculum and Syllabi for Minor Degree / Honours to be offered in UG programmes under the Regulations 2023, following the guidelines of AICTE.</p>
<p style="text-align: center;"><b>Faculty publications and participations</b></p>	<p>155 research papers have been published by our faculty members in various reputed National/International journals.</p>

	<p>More than 130 papers have been published and presented in National/International Conferences by our entire faculty crew. There are 303 faculty members have participated in Seminar/ Workshop/ FDP. 34 Number of Online Courses Registered / Completed by the faculty members. 6 No. of faculty members published patents</p>
Library details	<p>In our central library 38,087 books, 300 e-journals, 17 magazines, 459 CDs, 1,287 back volumes, 1,230 projects, and 6TB of NPTEL hardware, with online access to digital resource are accessible to students</p>
Clubs and Association	<p>51 various clubs and associations are functioning effectively and nearly 74 programmes have been conducted through Online/offline mode during that academic year 2022-2023.</p>
Centre for Excellence	<p>Centre for Excellence in ECE and Medical Electronics, TEXAS Innovation Lab, USA in ECE Department, IIBM Remote Centre, Nodal National Resource Centre (National Cyber Security Programme-NCSP in Zone -XIV) are effectively functioning for enabling the students to face the formidable challenges of the future.</p>
Centre for Research	<p>Electrical and Electronics Engineering Department recognized as Centre for Research by Anna University, Chennai during this academic year 2022-2023.</p>

Value Added Courses	Value added courses give the outlook of emerging trends in the society which supports the students for their career. Our autonomous curriculum itself designed with value added courses. Besides, Leadership Enhancement course has been offered for Our Second Year students to perform best in their placement
Industrial Training	Internship is the best exposure to develop the base for the student's carrier and built up their future ideas. All the all clear students of the entire department were given exposure to attend In-plant
Placement	Training cell is functioning very well under the leadership of Mr. Aravind Thirunavukkarasu, Director, Corporate Relations and Training. Training offered to all the batch students and placed so far in 31 reputed companies. Special training programs on Aptitude, Communication Skills and Group discussion were arranged by the training and placement cell, as the result 75% of eligible students were placed and 10% of students have chosen their career as Entrepreneur during that year.
NPTEL	17 students and 5 faculty members completed the course completion in NPTEL
MOUs Signed	Signed 16 MoUs with various leading Industries and companies for strengthening industry/institute interaction during the academic years 2022 -

	2023 through which students have undergone short internship, summer internship and on the job training.
Entrepreneurship Development Cell	63 Entrepreneurship Development Programme was organized by EDC/IIC in this academic year.
New Course Academic Year 2023 - 2024	The College started a new degree programme in B.Tech. Pharmaceutical Technology from the academic year 2023-2024 with an intake of 30
MATLAB	Established MATLAB with an expenditure of Rs.7,96,500/- to upgrade the education
Solar Power	Established 10 Kw Solar Power Plant in our college premises for the worth of Rs.5,30,000 as contribution of Sustainable Development Goals attainment

13. Was the AQAR placed before the statutory body? **Yes**

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
<b>IQAC Board Meeting</b>	<b>14/03/2024</b>

14. Was the institutional data submitted to AISHE ? **Yes**

- Year



## Part A

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<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name of the statutory body	Date of meeting(s)
<b>IQAC Board Meeting</b>	<b>14/03/2024</b>
<b>14.Was the institutional data submitted to AISHE ?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Year</li> </ul>	



Year	Date of Submission
2023	04/04/2024

### 15. Multidisciplinary / interdisciplinary

The vision and mission of the institution focuses on offering a full range of programmes of global standard in the fields of Science, Engineering, Technology and Management studies to foster research, and to transform the students into globally competent personalities. The curriculum gives more focus on Humanities, Management courses, Basic Science, Professional core and electives, open elective courses, employability enhancement courses and mandatory courses. The Humanities and Basic Science courses contribute around 25% of the overall credits in curriculum along with mandatory courses in all B.E. / B.Tech. Programmes and the curriculum is designed to provide flexibility to students in selecting the courses and credits based on their choice to equip themselves for their career growth. The curriculum offers credit based value added courses, life skills, Industry oriented courses, and Industry mentorship through industry projects for the students to enhance their technical skills. To support multidisciplinary education as per National Education Policy (NEP) 2020, students are encouraged to select open elective and core elective courses of their own choices

### 16. Academic bank of credits (ABC):

Academic Bank of Credits (ABC) is a virtual/digital storehouse that contains the information of the credits earned by individual students throughout their learning journey. The "Academic Bank of Credits" (ABC) is functioning under Controller of Examinations through e-Nova Portal System. This system has credit recognition, credit accumulation and credit transfers in order to promote distributed and flexible teaching and learning. It provides students Login ID for checking results and for ensuring credit accumulation. As per our autonomous Regulations students are eligible to avail the credit facilities provided by the Academic Bank of Credit through SWAYAM, NPTEL, VLab and such other schemes offering their courses.

### 17. Skill development:

Educating and skilling the students of college to enable them to get employment is the prime motive of the institution. For which we include various courses and activities in the academic curriculum and also out of the curriculum for overall skill

development. We include Employability Enhancement Courses and Mandatory Courses like Life Skills for Engineers, Leadership Enhancement Program, Quantitative Aptitude, and English Communication lab, Entrepreneurship Development Program, Indian Constitution and Technical Laboratories. These courses enact the students to learn and develop Communication Skills, Interview skills, Presentation skills, Problem Solving Techniques, Critical thinking, creativity, Moral Ethics, Professional and Human values, etc., We also made MOUs with EduSkill, Texas instruments, PMKVY and others for better prosperous career for our students. These combined skill and capacity building activities with technical knowledge allows Sengunthar Engineering College students to be more well rounded, and make them job ready and give them a platform to launch their careers as entrepreneurs.

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

Students are motivated to do project works that are beneficial to societal welfare. In order to bring awareness on environmental issues and to impart Indian traditions among the youngsters, Environmental science and engineering and constitution of india are included in curriculum under B.E/B. Tech Regulation 2019 & 2023.

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

At SEC, the OBE system has been implemented since 2019. It has been fine-tuned and institutionalized through focused policy formation and training after granting autonomous exclusively for the holistic implementation and sustainment of OBE. Various committees such as Alumni Association Cell (AAC), Internal Quality Assurance Cell (IQAC), Department Advisory Board (DAB) and Industry Institute Partnership Cell (IIPC), have been formed by drawing members from Industry, Alumni, Parents, Management, Faculty, Staff and Students. These committees guide and monitor the implementation of OBE in the college. It enhances the quality of Teaching and Learning. Program Outcomes(PO) Engineering Graduates will be able to: 1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems. 2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences. 3. Design/development of solutions: Design solutions for complex engineering problems and design system

components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations. 4. Conduct investigations of complex problems: Use researchbased knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions. 5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations. 6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice. 7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development. 8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. 9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. 10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. 11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments. 12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life long learning in the broadest context of technological change.

Program Specific Outcome (PSOs)

1. Ability to understand the fundamental concepts, analyze, design, develop, implement using mathematical foundations and domain knowledge for providing solutions to complex civil engineering problems by applying the new ideas and innovations.
2. Ability to work and communicate effectively in a team environment and foster the professional skills towards industrial and societal needs.
3. Ability to grasp the advancements in IT tools and creating a career path to become an entrepreneur, lifelong learner with moral values and ethics.

Our College follow the Program Outcomes (POs) defined by National Board of Accreditation (NBA), New Delhi and are to be fulfilled by all the programs in higher education. The Course Outcomes

(COs) for each subject is available in our syllabus and defined by concerned faculty member in consultation with HoD and Academic Coordinator.

## 20.Distance education/online education:

The institute has a NPTEL Local chapter which supports online education, through which the students are directed to do MOOCs courses in NPTEL, SWAYAM platform with a timeline of 4, 8, or 12- weeks. Completion of one online course is considered as credit transfer with open elective courses. If the student completes more than one online course, the students can transfer the credit to more number of open electives with the approval. Completion of 2 weeks online course can replace 1 credit, 4 weeks online course can replace 2 credits and 8 weeks online course can replace 3 credits as per the regulation. Apart from this the students are also motivated to do several online courses through coursera.

## Extended Profile

### 1.Programme

1.1 16

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 2.Student

2.1 1364

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2 218

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3

1364

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 3.Academic

3.1

897

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2

192

Number of full-time teachers during the year:

<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of programmes offered during the year:	<b>16</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>2.Student</b>	
2.1 Total number of students during the year:	<b>1364</b>
File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>
2.2 Number of outgoing / final year students during the year:	<b>218</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	<b>1364</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of courses in all programmes during the year:	<b>897</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2	192
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.3	208
Number of sanctioned posts for the year:	
<b>4.Institution</b>	
4.1	342
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	61
Total number of Classrooms and Seminar halls	
4.3	626
Total number of computers on campus for academic purposes	
4.4	509.86189
Total expenditure, excluding salary, during the year (INR in Lakhs):	

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

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

The curriculum is designed by keeping in mind the developmental needs of the society with the guidelines proposed by the UGC, AICTE, Anna University and the TN State Council for Higher Education. The Department Advisory Committee (DAC) which comprising team of BoS Chairman, Academician(External), Industrialist, Alumni, senior faculty members and Student to identify and evaluate in order to make the curricula of the

programmes relevant to such needs. This task is done by involving the experts from academia and industry; taking into account the feedback obtained from various stakeholders namely students, alumni, employers and faculty members. The Course Outcomes for every course is mapped with the Program Outcomes and Program Specific Outcomes of the program. An effective implementation of this Outcome Based Education ensures that our graduating engineers can compete on a global platform. The Institute keenly observes the attainments of PO and PSO for the respective programs which intern relates to Vision and Mission of the institution and Department as well. The initial version of the curriculum is prepared by having the above design criteria, through discussions with DAC members and the stakeholders and the proposed curriculum is approved by BOS (Board of Studies). In the next stage, the Academic Council deliberates and ratifies the syllabi of various departments. Finally, the minutes of the Academic Council is presented before the Governing Body. The academic autonomy of the Institution provides the opportunity to frequently revise the curriculum based on needs and suggestions from various stakeholders.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://sect.edu.in/naac/p4/1.1.1.pdf">https://sect.edu.in/naac/p4/1.1.1.pdf</a>

### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

16

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

102



File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced across all programmes offered during the year

102

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

16

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The institution integrates cross cutting issues relevant to

gender, environment and sustainability, human values and ethics by introducing specific courses in the curriculum and various activities such as Orientation Programmes for first year students, Women empowerment programmes through Women Development cell (WDC), Career Counseling , NSS/YRC/NCC activities. These courses train students to apply analytical thinking in solving issues. Gender Sensitivity Courses like Women Development-Issues and Concerns, Women Empowerment, and Women's Studies educate the students on gender equality. Women Empowerment Cell organizes various activities such as lectures, seminars, panel discussions, Women awareness programs, role plays etc., to create awareness among the girl students. The academic courses that address these issues are Constitution of India, Introduction to Women and Gender Studies etc., Each UG degree programme has included with Environmental Science and sustainability as a separate course. It enables a holistic understanding of the environment and develops favorable attitude and habits to protect and preserve nature. The constant effort of the NSS team in the Swachh Bharat Mission promotes cleanliness and hygiene in the campus and surrounding areas. The academic courses such as disaster management, Waste water engineering etc., are included to address these issues. Courses are offered on Professional Ethics and Values, Legal aspects of Business, Consumer behavior to develop professionally accepted standards of personal and business behavior, values and guiding principles. It also helps the students to understand the values and how to reflect them in their attitude and behavior and contribution to the society.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

9

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.3 - Number of students enrolled in the courses under 1.3.2 above

612

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1048

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.4 - Feedback System

**1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni**

**A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://sect.edu.in/naac/p4/1.4.1.pdf">https://sect.edu.in/naac/p4/1.4.1.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://sect.edu.in/naac/p4/1.4.2.pdf">https://sect.edu.in/naac/p4/1.4.2.pdf</a>
Any additional information	<a href="#">View File</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment of Students

##### 2.1.1.1 - Number of students admitted (year-wise) during the year

566

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

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

342

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

### 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Our college identifies slow and advanced learners through their performance in Continuous Internal Assessments and End Semester Examinations. The Mentor-Mentee system supports academic growth by reviewing progress and motivating students.

Identification of Learners: First-year students are categorized

based on Continuous Internal Assessment 1; those scoring over 80% are considered advanced learners, while those below 80% are slow learners. For higher semesters, End Semester Examination results are used; students with a CGPA over 7.5 are advanced, while those with less than 7.5 and an arrear in a subject are slow learners.

#### Support for Slow Learners:

- Academic and personal counseling from subject in-charges and mentors.
- Remedial classes for slow learners and absentees.
- Performance Improvement Tests.
- Provision of simplified notes and materials.

#### Support for Advanced Learners:

- Access to additional learning and reference materials.
- Encouragement to register for advancement courses.
- Promotion of participation in online courses and academic conferences.
- Recognition with medals for top performers during College Day to celebrate academic achievements.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/2.2.1.pdf">https://sect.edu.in/naac/p4/2.2.1.pdf</a>

#### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2024	1364	192

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

### 2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Our institution enhances student learning through experiential, participative, and problem-solving methodologies.

**Experiential Learning:** Under Regulations 2019, we integrate Employability Enhancement Courses into the curriculum. Key practices include:

- **Mini and Major Projects:** Students undertake hands-on projects that showcase their creativity and practical skills.
- **Internships:** Opportunities allow students to gain training with the latest technologies, boosting their real-world experience and employability.

**Participative Learning:** This approach fosters collaboration and independence:

- **Engagement in Seminars and Workshops:** Students participate in national and international conferences and workshops, broadening their networks and knowledge.
- **Soft Skills Development:** Lab sessions enhance essential communication and soft skills.
- **Technical Quizzes and Competitions:** These activities, held at intra and inter-college levels, encourage a competitive spirit and deeper understanding.
- **Research and Publication:** Students are guided to present and publish their research, enhancing their academic profiles.
- **Community Engagement:** Through NSS, NCC, and YRC, students participate in initiatives like tree planting and health awareness campaigns, promoting social responsibility.

**Problem-Solving Methodologies:** Faculty nurture problem-solving skills through:

- **Expert Lectures:** Industry experts provide insights into current challenges.
- **NPTEL Courses:** Students are encouraged to enroll in online courses to enhance their knowledge.
- **Competitions and Tutorials:** Regular activities foster critical thinking and collaboration.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://sect.edu.in/naac/p4/2.3.1.pdf">https://sect.edu.in/naac/p4/2.3.1.pdf</a>

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Our College encourages, intensive use of ICT enabled tools including onlineresources for effective teaching and learning process. Our faculty members are using ICT enabled tools to enhance the quality of teaching-learning such as:

- General ICT tools are using by our faculty members such as Desktop and laptops, Projector, Digital cameras, Printer, Photocopier, tablets, Pen Drive, Ipads, Scanners, Microphones, interactive white board, DVDs and CDs.
- Google classroom is used to manage and post course related materials, Lab manuals, Records.
- Virtual labs are used to conduct labs through simulation.
- For the effectiveness of teaching-learning process classes are taken with PPT
- Students' feedbacks are collected through Google forms.
- To teach mathematical subjects in online mode, teachers have used various online tools like- whiteboard in Microsoft teams, Jam board in Google meet, etc.
- Students are counseled with the help of Google Meet applications.
- Wide range of e-resources like DELNET, Digital library, e-journals, e-books, CD and DVD etc., by using library.
- Smart board is used by the faculty members effectively.
- Our Faculty members were trained for effective usage of ICT Tools. Training was given by Mr. Saravana Arun Kumar, State - Business Head, Ebix Smart Class Educational Services Pvt. Ltd., Chennai on 10.01.2024.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://sect.edu.in/naac/p4/2.3.2.pdf">https://sect.edu.in/naac/p4/2.3.2.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 2.3.3 - Ratio of students to mentor for academic and other related issues

#### 2.3.3.1 - Number of mentors

103

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

#### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

1. **Academic Calendar:** The Dean\_Academics prepares the academic calendar every semester in advance. It consists of the list of working days, class committee meeting schedule, Continuous Internal Assessment, Performance Improvement Test and Tentative Endsemester theory practical examination dates, symposium, conferences, holidays, festivals etc. Academic calendar provides the total effective working days available in a given semester. Then the time table Incharges prepares the time table according to the Academic Calendar which was approved by the Head of the Institution. 2. **Teaching Plan:** Heads of the departments conduct meeting with their respective faculty members well in advance of commencement of the semester course work, and allocate subjects. The subject in-charges concerned prepare Lecture plan for their respective subjects which are duly approved by the Head of the department. The number of hours in the teaching plan is framed depending on the credits of the course and made available to the students. This schedule is placed in the course file at the beginning of the semester. Effective implementation of the lesson and lecture schedules is monitored by the Head of the Department as well as academic auditors. Then the faculty members are asked to prepare unit notes and Lab manuals which are



approved by Academic coordinator, HoD, Dean-Academics and Principal.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

192

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

### 2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

33

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1237

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

## 2.5 - Evaluation Process and Reforms

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

13

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

79

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The College is actively reforming its examination system by integrating IT, enhancing both internal assessments and overall performance analysis. The implementation of automated software for continuous internal assessments, such as assignments, has streamlined processes. End-of-Semester Examination (ESE) results are now published online, showcasing the positive impact of these reforms.

Key advancements include:

1. Adoption of a semester examination pattern with ongoing evaluations across all departments.
2. Successful implementation of eNova Software for UG and PG examinations.
3. Inclusion of projects, assignments, and seminar presentations in the evaluation criteria.

During the 2020-2021 academic year, e-governance was introduced, allowing for online data entry for student records, attendance, and internal assessment marks. This shift has reduced errors and saved time, with all examination results available online. The examination management system has been fully automated.

Additionally, on student request, transcripts and grade sheets can be accessed digitally. Measures to ensure confidentiality include creating two sets of question papers and assigning dummy numbers to ESE answer scripts. Students can view photocopies of their scripts and request revaluations, further enhancing transparency in the evaluation process

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/2.5.3.pdf">https://sect.edu.in/naac/p4/2.5.3.pdf</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

The Program Specific Outcomes (PSOs) are framed by each department with the consultation with all the faculty members and stakeholders.

Our College follow the Program Outcomes (POs) defined by National Board of Accreditation (NBA), New Delhi and are to be fulfilled by all the programs in higher education. The Course Outcomes (COs) for each subject is available in university syllabus and defined by concerned faculty member in consultation with HoD and Academic Coordinator. The POs, PSOs and COs are stated and displayed on websites communicated to all the faculty members, students and stakeholders

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://sect.edu.in/naac/p4/2.6.1.pdf">https://sect.edu.in/naac/p4/2.6.1.pdf</a>

### 2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The program's curriculum is structured with core and elective courses, aligned with its Vision, Mission, and educational objectives. Course Outcomes (COs) detail what students are expected to achieve by the end of each course, with 1-5 outcomes per course linked to Program Outcomes (POs) and Program Specific Outcomes (PSOs).

**Attainment of COs:** To measure CO attainment, faculty employ both direct and indirect assessment methods. Direct assessments include Continuous Internal Assessment (CIA) tests, assignments, quizzes, and presentations. Indirect assessment is gauged through course exit surveys, which gather student feedback on COs.

**Attainment of POs and PSOs:** A correlation is established between COs and POs/PSOs, rated on a scale from 1 (low) to 3 (high). Achieving COs indicates corresponding POs are also met. Direct assessment tools demonstrate student knowledge and skills through performance in seminars, assignments, and exams, linking back to specific COs. Indirect methods, such as the course exit survey, further assess POs and PSOs at the semester's end. Overall, the attainment of POs and PSOs is evaluated based on CO achievements across all courses.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/2.6.2.pdf">https://sect.edu.in/naac/p4/2.6.2.pdf</a>

### 2.6.3 - Pass Percentage of students

#### 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

205

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://sect.edu.in/naac/p4/2.6.3.pdf">https://sect.edu.in/naac/p4/2.6.3.pdf</a>

### 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://sect.edu.in/naac/p4/2.7.1.pdf>

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

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

The institute provides all necessary infrastructural facilities and a conducive environment to promote research activity in the campus. Faculty members are encouraged to apply for various funding agencies and pursue their research. However, the institute is ready to provide seed funding or partial funding based on the merit of proposals submitted by faculty or student. The faculty and students are encouraged to present their ideas / project proposals before the research committee for getting the sanction of seed funding in accordance with institute guidelines. The faculty and students are given freedom to choose the research area of their choice and guidance is given to seek funding from various funding agencies and industries. The institute encourages the faculty by providing incentives for peer reviewed publications, writing books and filing patents.

The institute gives a free hand to report research results and findings. However, a thorough review is done for all research proposals seeking funding from various funding agencies by consulting the research committee. This committee also monitors the impact of research and consultancy and ensures non-violation of research & consultancy ethics.

Research Center is established in Electrical and Electronics department of the institute with necessary software and computing facilities for carrying out research activities.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://sect.edu.in/naac/p4/3.1.1.pdf">https://sect.edu.in/naac/p4/3.1.1.pdf</a>
Any additional information	<a href="#">View File</a>

### 3.1.2 - The institution provides seed money to its teachers for research

#### 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

5.92537

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for

**advanced studies/research during the year**

3

File Description	Documents
e-copies of the award letters of the teachers	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.2 - Resource Mobilization for Research****3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)**

22.435

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.2.2 - Number of teachers having research projects during the year**

3

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/3.2.2.pdf">https://sect.edu.in/naac/p4/3.2.2.pdf</a>
List of research projects during the year	<a href="#">View File</a>

**3.2.3 - Number of teachers recognised as research guides**

8

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

### 3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

2

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	<a href="https://sect.edu.in/naac/p4/3.2.4.pdf">https://sect.edu.in/naac/p4/3.2.4.pdf</a>
Any additional information	<a href="#">View File</a>

### 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institution fosters an environment that supports innovation, incubation, entrepreneurship, start-ups, and intellectual property rights. It provides students with resources and guidance to tackle societal problems using cutting-edge science and technology. The available support includes innovative product development, publications, patents, hackathons, and various competitions. Key components include the Research & Development Cell, Innovation Council, Entrepreneurship Development Cell, and MSME Incubation Center, all aimed at shaping students into successful innovators and entrepreneurs.

The Research & Development Cell assists with research and innovative product development through strategic planning and supports faculty and students with skills updates. The Innovation Council promotes a culture of innovation and entrepreneurship, offering workshops, seminars, hackathons, and competitions to transform ideas into prototypes. It also facilitates networking with mentors, entrepreneurs, and investors.



The Entrepreneurship Development Cell creates awareness about entrepreneurship through seminars and interactions with business leaders, while the MSME Incubation Center, recognized by MSME, supports entrepreneurial ideas with grants up to 15 lakhs. This center aims to develop start-ups with innovative and socially relevant technologies by providing mentoring, financial, and marketing support.

For more details, visit:

- Research Activities
- Innovation Council
- Entrepreneurship Development Cell
- MSME Incubation Center

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/3.3.1.pdf">https://sect.edu.in/naac/p4/3.3.1.pdf</a>

### 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

63

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software**

**A. All of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

#### 3.4.2.1 - Number of PhD students registered during the year

7

File Description	Documents
URL to the research page on HEI website	<a href="https://sect.edu.in/research-activities.html">https://sect.edu.in/research-activities.html</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

173

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

13

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/3.4.4.pdf">https://sect.edu.in/naac/p4/3.4.4.pdf</a>

### 3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

#### 3.4.5.1 - Total number of Citations in Scopus during the year

12

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

### 3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

#### 3.4.6.1 - h-index of Scopus during the year

02

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

### 3.5 - Consultancy

#### 3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

2.00

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

#### 0.10

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	<a href="#">View File</a>
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Extension activities are crucial for holistic student development in engineering colleges. Beyond academic excellence, these activities allow students to apply theoretical knowledge practically, develop life skills, and contribute to society. Our college's extension programs, including the National Service Scheme (NSS), National Cadet Corps (NCC), Youth Red Cross (YRC), and Red Ribbon Club (RRC), enhance social responsibility and practical learning.

NSS activities boost students' confidence, leadership skills,

and understanding of diverse communities. Volunteers engage with underprivileged communities, gaining empathy and practical insights. The college's NSS units, consisting of 200 dedicated students, actively participate in regular and special camps, supported by the institution's management. They also collaborate with the Unnat Bharat Abhiyan (UBA) for fieldwork in nearby villages, understanding local conditions.

Since establishing the NCC Air Force unit in 2019, cadets have participated in numerous camps and received various awards. The college's NCC program offers firing camps, drills, and personality development opportunities. The RRC promotes healthy lifestyles and voluntary blood donation, fostering a spirit of volunteerism among youth and contributing to disease prevention and control. In the academic year 2023-24, 49 outreach programs were organized to benefit society.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/3.6.1.pdf">https://sect.edu.in/naac/p4/3.6.1.pdf</a>

### 3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

57

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

47

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

2626

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.7 - Collaboration

#### 3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

142

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

31

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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 equipments, etc.

The College features a lush 60-acre campus, optimized for teaching and learning. It boasts state-of-the-art infrastructure, including well-furnished, spacious classrooms and laboratories equipped with LCD projectors. ICT classrooms provide multimedia learning, Wi-Fi connectivity, and internet access.

The College has multiple seminar halls for national and international events, encouraging student involvement in presentations and discussions. Laboratories meet AICTE standards and are used for practical and technology training, with licensed software and open-source tools.

The entire campus offers 24/7 Wi-Fi with a bandwidth of 1000 Mbps for both faculty and students, covering all areas including labs, classrooms, and hostels.

The central library spans 13,43,390 sq. mt. across two floors and holds 38,087 books, 300 e-journals, and 12 newspapers. It features a section with educational CDs and DVDs and an electronic notice board displaying important updates. The digital library center includes 60 computers, an HP Xeon server, and 8 Mbps broadband connectivity, supporting the effective teaching and learning process.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/4.1.1.pdf">https://sect.edu.in/naac/p4/4.1.1.pdf</a>

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

The Institution integrates core courses with continuous evaluation, including sports and extracurricular activities as vital components for both participation and assessment.

The campus features 12 acres of sports facilities for outdoor and indoor games, including football, basketball, cricket, kabaddi, and more. Notable achievements include three students

selected for the Women's University Cricket team. Facilities cover badminton, volleyball, basketball, carom, table tennis, and chess, with additional resources for NCC cadets like parade grounds and a firing range.

Regular competitions are organized, including Zonal and Inter-Zonal National Youth Festivals, and cultural and sports events. NCC cadets also train for Inter Squadron and Directorate Level Competitions.

The College boasts a modern seminar hall for conferences, a well-equipped gymnasium for boys and girls, and offers yoga and self-defense classes. National Independence Day and Republic Day are celebrated with flag hoisting, a guard of honor by NCC cadets, a student march past, and athletic events, with awards for the best marching contingent judged by army veterans.

Cultural activities are a key part of campus life, with students performing at Annual Day, Sports Day, and other events. Hostels also support cultural programming, and all faculties have assembly halls for various functions and events

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/4.1.2.pdf">https://sect.edu.in/naac/p4/4.1.2.pdf</a>

#### 4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

61

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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



101.98793

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

Sengunthar Engineering College, established in 2001 and affiliated with Anna University, Chennai, operates as an autonomous institution with a comprehensive library housed in a 1,526.954 sq. ft., two-story building. This library is central to the college's educational activities, featuring a diverse collection and multiple facilities.

The ground floor includes a reading hall with journals, magazines, a reprography section, and a digital library. The first floor houses department-specific textbooks and reference materials for both UG and PG programs, along with a large reading hall and a reference section. The second floor has a group discussion hall, IIT Remote Centre Bombay, general aptitude books, book bank materials, and back volumes of journals.

In the academic year 2023 -2024 new arrivals 290 books, 100 e-journals, 17 periodicals, 191 projects.

The library's collection includes over 38,087 books, 300 e-journals, 17 magazines, 459 CDs, 1,287 back volumes, 1,230 projects, and 6TB of NPTEL hardware, with online access to digital resources. It uses e-Nova Software Version 5 for management, including book transactions, cataloguing, and OPAC services. The automated system supports book purchase, cataloguing, and stock management.

Additional features include a computer lab with internet access, a property counter for bags and valuables, and tracking of library usage. The digital library offers 60 computers, e-books, IEEE journals, DELNET, NPTEL resources, and services like

photocopying and printing. The library is Wi-Fi enabled, and all faculty and students are registered with NDLI. Book bank facilities are also available for minority students

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/4.2.1.pdf">https://sect.edu.in/naac/p4/4.2.1.pdf</a>

**4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources** **A. Any 4 or more of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**

**28.34261**

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

**4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)**

**4.2.4.1 - Number of teachers and students using the library per day during the year**

**313**

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Sengunthar Engineering College enforces strict policies for the use and security of its computer systems, networks, and information resources. All users, including technology developers, end users, and resource administrators, must adhere to these policies and understand the consequences of violations.

The college features a robust IT infrastructure with a 50 Mbps backbone connecting all PCs to the LAN and internet access across all devices. IT infrastructure is regularly upgraded as needed, with efforts to maintain older equipment.

The Information Technology Policy Committee oversees and approves policies, guidelines, and standards for IT use at the college. The IT infrastructure supports office automation, admissions, library services, and examinations. Students are encouraged to use ICT tools for seminars, and IT facilities are prioritized for upgrades.

Wi-Fi is available campus-wide, and computer labs are accessible from 9 a.m. to 5 p.m., with extended hours if required. Equipment requisitions are submitted six months in advance.

The Remote Centre for IIT Bombay facilitates workshops via video conferencing with regularly upgraded audio-visual equipment. Computers are upgraded annually with new hard drives and RAM (4GB and 8GB). Each system is assigned a unique IP address for identification and management.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/4.3.1.pdf">https://sect.edu.in/naac/p4/4.3.1.pdf</a>

**4.3.2 - Student - Computer ratio**

Number of Students	Number of Computers
<b>1364</b>	<b>626</b>

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

**4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus**      **A. 50 Mbps**

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

**4.3.4 - Institution has facilities for e-content development:**      **A. All four of the above Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/4.3.4.pdf">https://sect.edu.in/naac/p4/4.3.4.pdf</a>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

**4.4 - Maintenance of Campus Infrastructure****4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)****203.52372**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

The institution has a well-defined maintenance system for all academic, physical, and auxiliary facilities, including labs, libraries, sports areas, computers, and classrooms. Overseen by a maintenance committee led by the principal and an administrative officer intern, the maintenance supervisor and his team handle regular upkeep and repairs. This includes furniture, masonry, painting, plumbing, housekeeping, gardening, transportation, RO plants, telecom, and IT services.

Maintenance is categorized into scheduled and preventive types, with records kept in a log book. The maintenance team consists of carpenters, electricians, masons, plumbers, and painters, who are usually on-site or reachable on call. Contact information for the chief maintenance officer is readily available for addressing issues and complaints.

Lab equipment undergoes both preventive and breakdown maintenance, with a technical team performing regular inspections. Minor repairs are handled by lab staff, while major issues are reported to the principal and addressed by qualified service personnel. Laboratories and other facilities are verified annually, with UPS systems backing up power for computer labs.

Library maintenance includes an entry and exit register, periodic book cleaning, and book requests based on demand. Electricians maintain generators, lighting, and other electrical systems. The institution's buses are regularly cleaned and serviced to ensure smooth operation

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/4.4.2.pdf">https://sect.edu.in/naac/p4/4.4.2.pdf</a>

**STUDENT SUPPORT AND PROGRESSION****5.1 - Student Support****5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year**

904

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year**

725

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

**5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology** A. All of the above

File Description	Documents
Link to Institutional website	<a href="https://sect.edu.in/naac/p4/5.1.3.pdf">https://sect.edu.in/naac/p4/5.1.3.pdf</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year**

192

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees**

**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 5.2 - Student Progression

### 5.2.1 - Number of outgoing students who got placement during the year

192

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**5.2.2 - Number of outgoing students progressing to higher education**

3

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year****5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year**

4

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.3 - Student Participation and Activities****5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year**

23

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution**

Sengunthar Engineering College has implemented a comprehensive mechanism to address students' grievances, focusing on safety, well-being, and fair treatment. Key components include establishing clear policies and guidelines communicated



to students, faculty, and staff to handle issues like sexual harassment and ragging. An Internal Complaints Committee (ICC) ensures thorough investigation and resolution of harassment complaints in line with legal mandates. An Anti-Ragging Committee collaborates with authorities to enforce strict measures against ragging incidents, ensuring a safe environment. The college conducts regular awareness programs to educate students about their rights and responsibilities, aiming to foster respect and inclusivity. Confidential reporting mechanisms such as helplines and online platforms encourage students to report grievances without fear of reprisal. Fair investigations are guaranteed, respecting confidentiality and due process for all parties involved. Disciplinary actions are taken as per institutional policies upon substantiated complaints, ranging from warnings to expulsion. Support services including counseling and legal aid are provided to victims/survivors, prioritizing their emotional and physical well-being. Regular monitoring and review of the mechanism ensure compliance with legal standards and continuous improvement. Overall, Sengunthar Engineering College's commitment to this robust mechanism underscores its dedication to maintaining a safe, respectful, and inclusive learning environment for all students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/5.3.2.pdf">https://sect.edu.in/naac/p4/5.3.2.pdf</a>

### 5.3.3 - Number of sports and cultural events / competitions organised by the institution

12

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute

significantly to the development of the institution through financial and other support services

The Alumni Association of an institution acts as a vital link between current students, alumni, and the institution, cultivating a dynamic community and driving personal and institutional growth. By hosting events like reunions and offering online platforms, it provides extensive networking opportunities that foster professional connections and global career advancement. Mentorship programs bridge alumni and students, offering valuable guidance in academic and professional journeys, encouraging mutual development. Career resources, including job boards and workshops, support alumni in achieving their career goals, while educational events promote lifelong learning and skill-building. Alumni contribute significantly through philanthropic efforts, supporting fundraising campaigns and scholarships that enhance academic programs and enrich student experiences. Community engagement initiatives and volunteer projects further enable alumni to give back, positively impacting society while deepening their ties with their alma mater. Cultural and social events celebrate shared memories, building camaraderie among alumni worldwide. Collectively, these initiatives create a strong global network that fosters professional growth, cultural exchange, and continuous support, showcasing the essential role Alumni Associations play in nurturing a connected and thriving alumni community.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/5.4.1.pdf">https://sect.edu.in/naac/p4/5.4.1.pdf</a>

#### 5.4.2 - Alumni's financial contribution during the year

A. ? 15 Lakhs

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

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Our institution's governance emphasizes aligning its vision and mission with academic and community development. The governing body includes faculty, students, and stakeholders, working together to transform the institution from a local to global perspective.

**Vision:** To become a leading center for academia, transforming lives by imparting professional, ethical, and entrepreneurial skills to address global challenges.

**Mission:**

- To train students as competitive professionals with high ethical standards.
- To offer a contemporary curriculum and industry-focused teaching for academic excellence.
- To establish research centers addressing local and global issues.
- To engage students in outreach and social development activities.

The college's governance is structured with management, principal, deans, directors, department heads, faculty, and students. Regular meetings and town halls promote the vision and mission. The Executive Committee, led by the principal, reviews academic, research, and administrative activities, ensuring the institution's growth.

The college emphasizes innovative teaching methods, continuous evaluation, and faculty development. The Research and Development Cell encourages faculty and student research, while the Planning and Development Cell manages infrastructure projects. The library and ICT resources support learning, and industry collaboration enhances professional growth through MoUs and partnerships. These efforts ensure effective governance, quality teaching, and continuous improvement across all aspects of the institution.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/6.1.1.pdf">https://sect.edu.in/naac/p4/6.1.1.pdf</a>

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

**Motivation & Mechanism** The Heads of Departments (HoDs) are responsible for motivating staff and students, encouraging them to provide feedback on administration and academics. Decision-making at Sengunthar Engineering College (SEC) follows a participative model, involving statutory bodies like the Governing Body, Academic and Administrative Councils, and various departmental committees.

**Decentralization & Structure** SEC embraces decentralized governance, empowering the Principal, Deans, HoDs, faculty, and students to contribute to decision-making. Staff members participate in multiple committees to prevent stagnation and ensure inclusivity. Decentralization is practiced at three levels: strategic (policy creation), functional (department operations), and operational (daily activities).

**Participative Management** SEC promotes participative management by involving faculty and students in decisions regarding academic and administrative activities. Faculty members participate in committees like the Academic Council, Exam Committee, and Cultural Forum. Teachers also play key roles in extracurricular activities, fostering cultural awareness and social responsibility.

**Case Studies** In placement activities, the Placement Cell is led by a Director and supported by faculty and students. Similarly, the Cultural Committee organizes events with active involvement from faculty, staff, and students. Decentralization ensures shared responsibility and smooth execution.

**Outcome** The decentralized and participative approach has enhanced communication, morale, and efficiency, aligning the institution's operations with its vision and mission. The engagement of all stakeholders fosters a collaborative and dynamic learning environment.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/6.1.2.pdf">https://sect.edu.in/naac/p4/6.1.2.pdf</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

**Objectives** The primary goal of Sengunthar Engineering College (SEC) is to equip students with relevant professional skills, guiding them toward successful global careers while instilling values of Sincerity, Hard Work, and Ethics.

### Motivation

- To develop academically sound, skillful students prepared for lifelong learning.
- To shift learning from "teacher-centric" to "student-centric."
- Encourage faculty to integrate ICT tools for effective teaching.
- Ensure governance through decentralization.
- Foster overall student development through active participation.
- Provide effective training for better placement.
- Focus on financial planning and management.

**Strategic Planning** The institution regularly updates its strategic plan in consultation with stakeholders to enhance education, placements, infrastructure, and R&D. Placement is a priority, with the college offering technical training in areas like Web Development, AI, IoT, Ethical Hacking, and Cloud Computing through its Technical Hub. Students are encouraged to participate in coding competitions and skill tests to increase their employability.

**SWOT Analysis & Implementation** SEC's strategic plan evolves based on SWOT analysis, stakeholder feedback, and competitive trends in education. Key decisions are reviewed by the Governing Body and communicated to stakeholders. The Strategic Plan

2020-2025 focuses on curriculum, co-curricular activities, research, infrastructure, staff development, industry collaboration, accreditation, and internationalization

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/6.2.1.pdf">https://sect.edu.in/naac/p4/6.2.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The Institution operates through various committees that function effectively to meet objectives and satisfy stakeholders. The chairman monitors these committees, contributing to significant benefits reflected in various metrics. A well-organized tiered structure supports vibrant administrative proceedings and decision-making.

The Governing Body, chaired by the Chairman, oversees institutional development and provides guidelines on academic affairs, faculty recruitment, and budget matters. The Principal, as the head, manages all academic and allied divisions, supported by the Director of Corporate Relations, Deans, HoDs, and faculty members focused on academics, research, student welfare, and industry activities.

Key committees include:

Statutory:

- Governing Body
- Academic Council
- Board of Studies
- Finance Committee

Non-Statutory:

- Planning and Evaluation
- Grievance Redressal

- Examination
- Admissions
- Library
- Student Welfare
- Internal Complaints
- Extra-Curricular Activities
- Academic Steering
- Research
- Ethics

The Academic Council is responsible for academic policies and course approvals, involving faculty and external experts. The Finance Committee advises on financial matters and budget proposals. Service rules cover recruitment, performance appraisal, and departmental responsibilities, promoting a strong work culture through teamwork among all stakeholders.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://sect.edu.in/pd/ORGANOGRAM.pdf">https://sect.edu.in/pd/ORGANOGRAM.pdf</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/6.2.2.pdf">https://sect.edu.in/naac/p4/6.2.2.pdf</a>

### 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) Documen	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

**Welfare measures for Teaching Staff:**

- Sengunthar Employees Welfare Fund/
- Group Insurance.
- Festival advance.
- Medical Leave
- Earned Leave
- Free Transport Facility
- Prompt facilitation of Provident Fund loans.
- Hostel Accommodation facility
  
- On-Duty for attending programmes
- Financial assistance for FDP, Journal and workshop.
- Maternity Leaves to female staff
- Facility of Wi-Fi in campus.
- Ph.D. Increments to Teaching staff (Ph.D Allowance)

**Welfare measures for Non-Teaching Staff:**

- Membership of Group Insurance
  
- Sengunthar Employees Welfare Fund
- Festival advance.
- Festival bonus.
- Prompt facilitation of Provident Fund loans.
- Help with facilitation of bank loans.
- Crash Course in Computer Basics for Supporting Staff.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/6.3.1.pdf">https://sect.edu.in/naac/p4/6.3.1.pdf</a>

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

197



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

14

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

203

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institution carefully manages its financial resources for infrastructure and teaching. Governed by a body with representatives from the university, AICTE, management, industry, and academia, the college submits budget proposals

annually for review. These proposals cover various categories such as salaries, laboratory equipment, library expenses, infrastructure, and maintenance.

Recurring expenses include staff salaries, electricity, internet, maintenance, and consumables, while non-recurring expenses involve furniture and development costs. The principal, with input from department heads, submits the budget to management for approval. A committee reviews the proposals and supporting documents, providing feedback for improvement.

The budget supports quality improvements, including renovated blocks, seminar halls, and training rooms. It also allocates funds for management events, guest lectures, workshops, industrial visits, conferences, faculty programs, and subsidized transport.

The accounts department monitors expenses as per the budget, including depreciation costs for previous purchases. Internal audits occur semi-annually, and any discrepancies are addressed with the principal. The external audit committee verifies the income and expenditure statements and authorizes the accounts.

Two audit concerns involve the rapid obsolescence of computers and software and the need for updated library resources due to frequent syllabus revisions. The college has requested a revision of depreciation rates for these assets.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/6.4.1.pdf">https://sect.edu.in/naac/p4/6.4.1.pdf</a>

#### **6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)**

3.55

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Sengunthar Engineering College mobilizes its funds primarily from student fees. Additionally, the college generates resources through the following means:

**Overhead Charges from Research Grants and Project Development Funds:** The institution receives grants from various government and non-government authorities, which include overhead charges.

**Funding from Alumni Donors:** Contributions from alumni play a significant role in resource mobilization. The funds generated through these avenues are primarily used for the maintenance and development of the institution. The trust body of the institution also leases space to facilitate various commercial utility services, such as those provided by Karur Vysya Bank, for the benefit of students, faculty members, and officials.

**Optimal Utilization of Resources: Effective Teaching-Learning Practices:** Sufficient funds are allocated for training programs, orientation programs, workshops, and interdisciplinary activities to enhance the teaching and learning experience.

**Operational and Administrative Expenses:** The budget is utilized to cover day-to-day operational and administrative expenses and the maintenance of fixed assets.

#### Library Facilities:

Requisite funds are used annually to enhance library facilities, thereby augmenting learning resources. **Infrastructure Development and Maintenance:** Adequate funds are dedicated to the development and maintenance of the institution's infrastructure. **Community Development and Social Welfare Activities:** Some funds are allocated for community development and social welfare activities. The main goal of resource mobilization and optimal utilization is to elevate the institution's standards, ensuring high-quality teaching and producing uniquely

qualified students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/6.4.3.pdf">https://sect.edu.in/naac/p4/6.4.3.pdf</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The Internal Quality Assurance Cell (IQAC) has been established to enhance quality in our institution, following guidelines from NAAC and NBA. Regular meetings are held to discuss and review quality assurance strategies.

IQAC plays a crucial role in policy-making and implementation, focusing on upgrading infrastructure and support facilities to meet higher education standards and student needs. It assesses and suggests parameters for quality education. Among 221 faculty members, 203 have participated in various national and international development programs facilitated by IQAC. Additionally, 202 faculty members received financial support to attend conferences and workshops.

IQAC has implemented 15 professional development programs for teaching staff and one for non-teaching staff to enhance academic and administrative quality. It encourages stakeholder involvement, collecting feedback from students, teachers, parents, alumni, and the community to ensure continuous improvement.

During 2023-2024, 203 faculty members participated in various development programs, including webinars and refresher courses. IQAC promotes quality culture through initiatives such as ranking participation in NIRF, preparing MoUs, forming committees, collecting feedback, auditing teaching processes, and pursuing ISO certification. These efforts aim to institutionalize best practices and foster continuous growth.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/6.5.1.pdf">https://sect.edu.in/naac/p4/6.5.1.pdf</a>

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The Internal Quality Assurance Cell (IQAC) at our college plays a vital role in monitoring and enhancing the teaching-learning process. It follows the institutional strategic plan, gathering feedback from various stakeholders to introduce innovative activities and reforms aimed at improving quality education and fostering a culture of excellence among students and staff.

Key initiatives implemented by IQAC include:

1. Promoting industrial involvement through training, visits, and guest lectures.
2. Implementing Outcome-Based Education (OBE) across programs.
3. Offering aptitude and soft skills classes to enhance student employability.
4. Participating in national and international quality audits, including NIRF and ARIIA.
5. Establishing the Institute Innovation Council (IIC) under MHRD.
6. Creating a Research and Development cell to foster research activities.
7. Conducting quality programs such as seminars and workshops.
8. Regularly collecting feedback from stakeholders.
9. Enhancing ICT tool usage in teaching and learning.
10. Implementing a Tutor-Ward system for student support.
11. Submitting the Annual Quality Assurance Report (AQAR) to NAAC.
12. Promoting a ragging-free campus and establishing a grievance redressal cell.

Through these efforts, IQAC strives to create a student-centric learning environment by adhering to standard academic practices, including curriculum preparation, monitoring attendance, managing coursework, and conducting evaluations, all aimed at continuous improvement in the quality of education.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/6.5.2.pdf">https://sect.edu.in/naac/p4/6.5.2.pdf</a>

**6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)**

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

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://sect.edu.in/pdf/Annual%20Report%202023%20-%202024.pdf">https://sect.edu.in/pdf/Annual%20Report%202023%20-%202024.pdf</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## **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

Gender equity is a fundamental principle embraced by our educational institution, ensuring fair treatment for individuals of all genders in terms of their needs, rights, benefits, and opportunities. In staff recruitment, both teaching and non-teaching positions prioritize diversity and inclusivity, granting equal consideration to all candidates. Maternity leave entitlement for women employees reflects our acknowledgment of their specific needs.

Furthermore, faculty achievements are recognized impartially,

with women faculty members considered for leadership roles solely based on merit. This approach highlights our dedication to utilizing the capabilities of all staff members equally.

Specialized units like the National Service Scheme (NSS) and the National Cadet Corps (NCC) actively involve female students, providing opportunities for community service and participation in events. Female students are encouraged to participate in various activities, from technical symposiums to sports and cultural celebrations, promoting equal access to campus life.

Support systems such as the Women Empowerment Cell, Grievance Redressal Cell, and Sexual Harassment Cell address issues related to women's well-being. Helpline numbers for women across campus emphasize our commitment to providing a safe and supportive environment for all.

In summary, our institution not only prioritizes gender equity in staff recruitment and support for women employees but also fosters equal opportunities for female students in academic and extracurricular activities, reflecting our commitment to a gender-inclusive educational environment.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/7.1.1.pdf">https://sect.edu.in/naac/p4/7.1.1.pdf</a>

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy plant Wheeling to the Grid energy conservation Use of LED bulbs/ power-efficient equipment**

**A. Any 4 or All of the above**

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

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

**Sengunthar Engineering College is dedicated to achieving "zero**

waste" and minimizing its environmental footprint through the principles of "reduce, reuse, and recycle." A comprehensive waste management institution is vital for managing both degradable and non-degradable waste efficiently. Organic waste, like food scraps, can be composted to enrich soil and produce biogas for energy. Non-degradable waste, such as plastics and metals, requires advanced recycling facilities to reduce environmental impact. Sorting technologies and partnerships with industries for responsible disposal of hazardous waste are crucial. Public awareness campaigns and strict regulations on illegal dumping will encourage waste reduction and proper disposal. Continuous research into innovative waste management technologies ensures adaptability to evolving challenges. By fostering an environmentally responsible culture, the institution can lead towards a cleaner and more sustainable future.

- Solid waste management
- E-waste management
- Waste water recycling system

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

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

**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**

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

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

**7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:**

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

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

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

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

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

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

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

We celebrate diversity at our college, where students respect various religions, languages, and cultures. Our college is akin to a second home, where faculty members are regarded as family. Festivals are occasions for us to come together, exchange greetings, and share in cultural feasts, fostering understanding and harmony among different communities. Our students actively participate in celebrations, which further strengthens social and religious harmony. India's diversity is unparalleled, with its vast landscape and rich cultural tapestry. It's a melting pot of languages, religions, and traditions. To showcase this diversity, we organize competitions during our annual day, providing students with opportunities to learn about different cultures across the nation. This fosters tolerance, understanding, and appreciation for cultural, regional, linguistic, and socio-economic differences, creating an inclusive environment within the college and society.

Students from various regional and cultural backgrounds participate in such programs and present their regional or cultural folk songs and dances. These cultural events are organized at different levels- departments, hostels, and college- and on different occasions like Independence Day, Republic Day, etc. The institution has provided a vast environment for students to expose their in born talents in cultural events. To improve students' mental and concentration levels our college engages them in sports activities regularly.

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

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

Sengunthar Engineering College actively promotes constitutional values, rights, duties, and responsibilities among students and staff. On Republic Day and Independence Day, the Director emphasizes the importance of remembering the freedom struggle and respecting national symbols. The college's constitution upholds human dignity, equality, social justice, and the rule of law. The institution's Plantation Programme aims to foster better citizenship beyond academic excellence.

The college, through NSS, NCC, and YRC, organizes various activities such as free blood donation camps, clean India initiatives, and leprosy awareness programs, encouraging students to embrace "Unity in Diversity." The Green Initiative strives for environmental sustainability, targeting neutral greenhouse gas emissions. Independence Day and Republic Day are celebrated with enthusiasm, and Constitution Day ('Samvidhan Divas') on November 26, 2020, featured elocution and quiz contests to reinforce constitutional values and fundamental duties.

The college also conducts legal aid and awareness camps to educate students about their roles and responsibilities. Student-centric activities, including paper, poster, and essay competitions, further enhance awareness of Indian citizenship and foster active participation in these initiatives.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized**

**A. All of the above**

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

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

**The academic year 2023-2024 at Sengunthar Engineering College was marked by the celebration of several national and international important days. The college celebrates various national and international commemorative days and festivals as well with the objective to bring awareness among the student community about the importance of those days and festivals. Also, students gain experience of organizing an event, working in a team, time management etc. These events fostered unity, awareness, and holistic development among students and staff**

while promoting responsibility, cultural understanding, and societal engagement.

The following are the events organized in the college:

- Independence Day
- National Sports Day
- Mother Language Day
- National Unity Day
- World Education Day
- World AIDS Day
- National Energy Conservation Day
- National Pulse Polio Day
- Pongal Day
- Republic Day
- Martyr's Day
- World Radio Day
- National Science Day
- International Women's Day
- World Tuberculosis Day`
- World Hearing Day
- World Water Day
- World Scout Day
- Safer Internet Day
- National Youth Day

#### Conclusion:

The celebration of these significant days provided a platform for students to engage with important social, cultural, and environmental issues. Through active participation, students developed awareness, leadership skills, and a sense of social responsibility, fostering personal growth and contributing to a harmonious and progressive society.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

1. Title "Recognition and Reward System for Holistic Development"

2. Goal To cultivate a culture of recognition and motivation, promoting student growth by celebrating achievements across academic, co-curricular, and extra-curricular domains.

### Objectives

- Recognize diverse achievements.
- Encourage participation and excellence.
- Foster a culture of achievement and confidence.

3. Context Supports holistic growth, especially for first-generation students, addressing challenges like low self-esteem and financial constraints.

4. Practice Annual awards for curricular, co-curricular, and extra-curricular achievements, including certificates, cash prizes, and medals.

5. Evidence of Success Increased student engagement and performance, with higher participation in events and awards.

6. Problems and Resources Challenges include ensuring fairness and resource allocation. Requires administrative support and regular evaluation.

### Nurturing Social Responsibility through Activities

1. Title "Nurturing Social Responsibility through Activities"

2. Goal To enhance awareness of societal responsibilities through active participation in social and environmental initiatives.

### Objectives

- Engage in impactful social activities.
- Host educational events on social issues.
- Promote environmental and community well-being.

3. Context Focuses on developing social responsibility, crucial in today's world.

4. Practice Clubs like NSS and NCC organize tree planting, health camps, and awareness programs. Leadership and guest speaker opportunities are provided.

5. Evidence of Success Successful social activities, including blood donation camps and notable student achievements in NCC.

6. Problems and Resources Challenges include time constraints and organizing large groups. Requires ongoing awareness efforts and student engagement.

File Description	Documents
Best practices in the Institutional website	<a href="https://sect.edu.in/pdf/7.2%20BEST%20PRAC%20TICES%20AY%202023-24.pdf">https://sect.edu.in/pdf/7.2%20BEST%20PRAC%20TICES%20AY%202023-24.pdf</a>
Any other relevant information	<a href="https://sect.edu.in/naac/p4/7.2.pdf">https://sect.edu.in/naac/p4/7.2.pdf</a>

### 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Sengunthar Engineering College is committed to imparting technical education while nurturing ethical values and leadership qualities among students. The college aims to produce competent engineers capable of addressing global challenges by promoting innovation, research, and industry-academia collaboration.

The curriculum integrates continuous Spoken English practice, seminars, and value-based courses like "Life Skills" to enhance critical thinking, teamwork, and communication skills. Students are encouraged to participate in cultural and technical activities, including debates, quizzes, and paper presentations, to build confidence and public speaking skills. Additionally, the college offers Minor Degrees and Honours, particularly benefiting rural students, and fosters practical skills through the Sengunthar Skill Development Centre (EAGLE). Our students produced innovative products like the Sengunthar Smokeless Stove (SSS - Brand), Automatic Dust Bin Collector, and 9 W Electric Bulb: energy-efficient lighting solutions through this

centre. With continuous dedication and innovation, the centre aims to further contribute to the advancement of engineering solutions and the promotion of sustainable practices in the industry.

The college also emphasizes co-curricular and extracurricular activities, including sports, cultural events, yoga, meditation, and active participation in NCC (Air and Army Wing) and NSS. These initiatives collectively contribute to the holistic development of students, preparing them to excel academically and socially.



## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

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

The curriculum is designed by keeping in mind the developmental needs of the society with the guidelines proposed by the UGC, AICTE, Anna University and the TN State Council for Higher Education. The Department Advisory Committee (DAC) which comprising team of BoS Chairman, Academician(External), Industrialist, Alumni, senior faculty members and Student to identify and evaluate in order to make the curricula of the programmes relevant to such needs. This task is done by involving the experts from academia and industry; taking into account the feedback obtained from various stakeholders namely students, alumni, employers and faculty members. The Course Outcomes for every course is mapped with the Program Outcomes and Program Specific Outcomes of the program. An effective implementation of this Outcome Based Education ensures that our graduating engineers can compete on a global platform. The Institute keenly observes the attainments of PO and PSO for the respective programs which intern relates to Vision and Mission of the institution and Department as well. The initial version of the curriculum is prepared by having the above design criteria, through discussions with DAC members and the stakeholders and the proposed curriculum is approved by BOS (Board of Studies). In the next stage, the Academic Council deliberates and ratifies the syllabi of various departments. Finally, the minutes of the Academic Council is presented before the Governing Body. The academic autonomy of the Institution provides the opportunity to frequently revise the curriculum based on needs and suggestions from various stake holders.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://sect.edu.in/naac/p4/1.1.1.pdf">https://sect.edu.in/naac/p4/1.1.1.pdf</a>

**1.1.2 - Number of Programmes where syllabus revision was carried out during the year****16**

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year****102**

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.2 - Academic Flexibility****1.2.1 - Number of new courses introduced across all programmes offered during the year****102**

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

16

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The institution integrates cross cutting issues relevant to gender, environment and sustainability, human values and ethics by introducing specific courses in the curriculum and various activities such as Orientation Programmes for first year students, Women empowerment programmes through Women Development cell (WDC), Carrier Counseling , NSS/YRC/NCC activities. These courses train students to apply analytical thinking in solving issues. Gender Sensitivity Courses like Women Development-Issues and Concerns, Women Empowerment, and Women's Studies educate the students on gender equality. Women Empowerment Cell organizes various activities such as lectures, seminars, panel discussions, Women awareness programs, role plays etc., to create awareness among the girl students. The academic courses that address these issues are Constitution of India, Introduction to Women and Gender Studies etc., Each UG degree programme has included with Environmental Science and sustainability as a separate course. It enables a holistic understanding of the environment and develops favorable attitude and habits to protect and preserve nature. The constant effort of the NSS team in the Swatch Bharat Mission promotes cleanliness and hygiene in the campus and surrounding areas. The academic courses such as disaster management, Waste water engineering etc., are included to address these issues. Courses are offered on Professional Ethics and Values, Legal aspects of Business, Consumer behavior to develop professionally accepted standards of personal and business behavior, values and guiding principles. It also helps the students to

understand the values and how to reflect them in their attitude and behavior and contribution to the society.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

9

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.3 - Number of students enrolled in the courses under 1.3.2 above

612

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1048

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 1.4 - Feedback System

**1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni**

**A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://sect.edu.in/naac/p4/1.4.1.pdf">https://sect.edu.in/naac/p4/1.4.1.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4.2 - The feedback system of the Institution comprises the following**

**A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://sect.edu.in/naac/p4/1.4.2.pdf">https://sect.edu.in/naac/p4/1.4.2.pdf</a>
Any additional information	<a href="#">View File</a>

### TEACHING-LEARNING AND EVALUATION

#### 2.1 - Student Enrollment and Profile

##### 2.1.1 - Enrolment of Students

##### 2.1.1.1 - Number of students admitted (year-wise) during the year

566

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

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

342

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Our college identifies slow and advanced learners through their performance in Continuous Internal Assessments and End Semester Examinations. The Mentor-Mentee system supports academic growth by reviewing progress and motivating students.

Identification of Learners: First-year students are categorized based on Continuous Internal Assessment 1; those scoring over 80% are considered advanced learners, while those below 80% are slow learners. For higher semesters, End Semester Examination results are used; students with a CGPA over 7.5 are advanced, while those with less than 7.5 and an arrear in a subject are slow learners.

#### Support for Slow Learners:

- Academic and personal counseling from subject in-charges and mentors.
- Remedial classes for slow learners and absentees.
- Performance Improvement Tests.
- Provision of simplified notes and materials.

#### Support for Advanced Learners:

- Access to additional learning and reference materials.
- Encouragement to register for advancement courses.
- Promotion of participation in online courses and academic conferences.
- Recognition with medals for top performers during College Day to celebrate academic achievements.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/2.2.1.pdf">https://sect.edu.in/naac/p4/2.2.1.pdf</a>

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2024	1364	192

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

### 2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Our institution enhances student learning through experiential, participative, and problem-solving methodologies.

**Experiential Learning:** Under Regulations 2019, we integrate Employability Enhancement Courses into the curriculum. Key practices include:

- **Mini and Major Projects:** Students undertake hands-on projects that showcase their creativity and practical skills.
- **Internships:** Opportunities allow students to gain training with the latest technologies, boosting their real-world experience and employability.

**Participative Learning:** This approach fosters collaboration and independence:

- **Engagement in Seminars and Workshops:** Students participate in national and international conferences and workshops, broadening their networks and knowledge.
- **Soft Skills Development:** Lab sessions enhance essential communication and soft skills.
- **Technical Quizzes and Competitions:** These activities, held at intra and inter-college levels, encourage a competitive spirit and deeper understanding.
- **Research and Publication:** Students are guided to present and publish their research, enhancing their academic profiles.
- **Community Engagement:** Through NSS, NCC, and YRC, students participate in initiatives like tree planting and health awareness campaigns, promoting social responsibility.

**Problem-Solving Methodologies:** Faculty nurture problem-solving skills through:

- **Expert Lectures:** Industry experts provide insights into current challenges.
- **NPTEL Courses:** Students are encouraged to enroll in online courses to enhance their knowledge.
- **Competitions and Tutorials:** Regular activities foster critical thinking and collaboration.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://sect.edu.in/naac/p4/2.3.1.pdf">https://sect.edu.in/naac/p4/2.3.1.pdf</a>

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Our College encourages, intensive use of ICT enabled tools including onlineresources for effective teaching and learning process. Our faculty members are using ICT enabled tools to enhance the quality of teaching-learning such as:

- General ICT tools are using by our faculty members such as Desktop and laptops, Projector, Digital cameras, Printer, Photocopier, tablets, Pen Drive, Ipads,



Scanners, Microphones, interactive white board, DVDs and CDs.

- Google classroom is used to manage and post course related materials, Lab manuals, Records.
- Virtual labs are used to conduct labs through simulation.
- For the effectiveness of teaching-learning process classes are taken with PPT
- Students' feedbacks are collected through Google forms.
- To teach mathematical subjects in online mode, teachers have used various online tools like- whiteboard in Microsoft teams, Jam board in Google meet, etc.
- Students are counseled with the help of Google Meet applications.
- Wide range of e-resources like DELNET, Digital library, e-journals, e-books, CD and DVD etc., by using library.
- Smart board is used by the faculty members effectively.
- Our Faculty members were trained for effective usage of ICT Tools. Training was given by Mr. Saravana Arun Kumar, State - Business Head, Ebix Smart Class Educational Services Pvt. Ltd., Chennai on 10.01.2024.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://sect.edu.in/naac/p4/2.3.2.pdf">https://sect.edu.in/naac/p4/2.3.2.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 2.3.3 - Ratio of students to mentor for academic and other related issues

#### 2.3.3.1 - Number of mentors

103

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

#### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the

institution

1. Academic Calendar: The Dean\_Academics prepares the academic calendar every semester in advance. It consists of the list of working days, classcommittee meeting schedule, Continuous Internal Assessment, Performance Improvement Test and Tentative Endsemester theory practical examination dates, symposium, conferences, holidays, festivals etc. Academic calendar provides the total effective working days available in a given semester. Then the time table Incharges prepares the time table according to the Academic Calendar which was approved by the Head of the Institution.

2. Teaching Plan: Heads of the departments conduct meeting with their respective faculty members well in advance of commencement of the semester course work, and allocate subjects. The subject in-charges concerned prepare Lecture plan for their respective subjects which are duly approved by the Head of the department. The number of hours in the teaching plan is framed depending on the credits of the course and made available to the students. This schedule is placed in the course file at the beginning of the semester. Effective implementation of the lesson and lecture schedules is monitored by the Head of the Department as well as academic auditors. Then the faculty members are asked to prepare unit notes and Lab manuals which are approved by Academic coordinator, HoD, Dean-Academics and Principal.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

192

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

#### 2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

33

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1237

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

### 2.5 - Evaluation Process and Reforms

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

13

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

79

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The College is actively reforming its examination system by integrating IT, enhancing both internal assessments and overall performance analysis. The implementation of automated software for continuous internal assessments, such as assignments, has streamlined processes. End-of-Semester Examination (ESE) results are now published online, showcasing the positive impact of these reforms.

Key advancements include:

1. Adoption of a semester examination pattern with ongoing evaluations across all departments.
2. Successful implementation of eNova Software for UG and PG examinations.
3. Inclusion of projects, assignments, and seminar presentations in the evaluation criteria.

During the 2020-2021 academic year, e-governance was introduced, allowing for online data entry for student records, attendance, and internal assessment marks. This

shift has reduced errors and saved time, with all examination results available online. The examination management system has been fully automated.

Additionally, on student request, transcripts and grade sheets can be accessed digitally. Measures to ensure confidentiality include creating two sets of question papers and assigning dummy numbers to ESE answer scripts. Students can view photocopies of their scripts and request revaluations, further enhancing transparency in the evaluation process

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/2.5.3.pdf">https://sect.edu.in/naac/p4/2.5.3.pdf</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

The Program Specific Outcomes (PSOs) are framed by each department with the consultation with all the faculty members and stakeholders.

Our College follow the Program Outcomes (POs) defined by National Board of Accreditation (NBA), New Delhi and are to be fulfilled by all the programs in higher education. The Course Outcomes (COs) for each subject is available in university syllabus and defined by concerned faculty member in consultation with HoD and Academic Coordinator. The POs, PSOs and COs are stated and displayed on websites communicated to all the faculty members, students and stakeholders

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://sect.edu.in/naac/p4/2.6.1.pdf">https://sect.edu.in/naac/p4/2.6.1.pdf</a>

### 2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The program's curriculum is structured with core and elective courses, aligned with its Vision, Mission, and educational objectives. Course Outcomes (COs) detail what students are expected to achieve by the end of each course, with 1-5 outcomes per course linked to Program Outcomes (POs) and Program Specific Outcomes (PSOs).

**Attainment of COs:** To measure CO attainment, faculty employ both direct and indirect assessment methods. Direct assessments include Continuous Internal Assessment (CIA) tests, assignments, quizzes, and presentations. Indirect assessment is gauged through course exit surveys, which gather student feedback on COs.

**Attainment of POs and PSOs:** A correlation is established between COs and POs/PSOs, rated on a scale from 1 (low) to 3 (high). Achieving COs indicates corresponding POs are also met. Direct assessment tools demonstrate student knowledge and skills through performance in seminars, assignments, and exams, linking back to specific COs. Indirect methods, such as the course exit survey, further assess POs and PSOs at the semester's end. Overall, the attainment of POs and PSOs is evaluated based on CO achievements across all courses.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/2.6.2.pdf">https://sect.edu.in/naac/p4/2.6.2.pdf</a>

**2.6.3 - Pass Percentage of students****2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution**

205

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://sect.edu.in/naac/p4/2.6.3.pdf">https://sect.edu.in/naac/p4/2.6.3.pdf</a>

**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://sect.edu.in/naac/p4/2.7.1.pdf>**RESEARCH, INNOVATIONS AND EXTENSION****3.1 - Promotion of Research and Facilities**

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

The institute provides all necessary infrastructural facilities and a conducive environment to promote research activity in the campus. Faculty members are encouraged to apply for various funding agencies and pursue their research. However, the institute is ready to provide seed funding or partial funding based on the merit of proposals submitted by faculty or student. The faculty and students are encouraged to present their ideas / project proposals before the research committee for getting the sanction of seed funding in accordance with institute guidelines. The faculty and students are given freedom to choose the research area of their choice and guidance is given to seek funding from various funding agencies and industries. The institute encourages the faculty by providing incentives for peer

reviewed publications, writing books and filing patents.

The institute gives a free hand to report research results and findings. However, a thorough review is done for all research proposals seeking funding from various funding agencies by consulting the research committee. This committee also monitors the impact of research and consultancy and ensures non-violation of research & consultancy ethics.

Research Center is established in Electrical and Electronics department of the institute with necessary software and computing facilities for carrying out research activities.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://sect.edu.in/naac/p4/3.1.1.pdf">https://sect.edu.in/naac/p4/3.1.1.pdf</a>
Any additional information	<a href="#">View File</a>

### 3.1.2 - The institution provides seed money to its teachers for research

#### 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

5.92537



File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3

File Description	Documents
e-copies of the award letters of the teachers	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.2 - Resource Mobilization for Research

#### 3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

22.435

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.2.2 - Number of teachers having research projects during the year**

3

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/3.2.2.pdf">https://sect.edu.in/naac/p4/3.2.2.pdf</a>
List of research projects during the year	<a href="#">View File</a>

**3.2.3 - Number of teachers recognised as research guides**

8

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

**3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year**

2

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	<a href="https://sect.edu.in/naac/p4/3.2.4.pdf">https://sect.edu.in/naac/p4/3.2.4.pdf</a>
Any additional information	<a href="#">View File</a>

**3.3 - Innovation Ecosystem**

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

**The institution fosters an environment that supports innovation, incubation, entrepreneurship, start-ups, and intellectual property rights. It provides students with**

resources and guidance to tackle societal problems using cutting-edge science and technology. The available support includes innovative product development, publications, patents, hackathons, and various competitions. Key components include the Research & Development Cell, Innovation Council, Entrepreneurship Development Cell, and MSME Incubation Center, all aimed at shaping students into successful innovators and entrepreneurs.

The Research & Development Cell assists with research and innovative product development through strategic planning and supports faculty and students with skills updates. The Innovation Council promotes a culture of innovation and entrepreneurship, offering workshops, seminars, hackathons, and competitions to transform ideas into prototypes. It also facilitates networking with mentors, entrepreneurs, and investors.

The Entrepreneurship Development Cell creates awareness about entrepreneurship through seminars and interactions with business leaders, while the MSME Incubation Center, recognized by MSME, supports entrepreneurial ideas with grants up to 15 lakhs. This center aims to develop start-ups with innovative and socially relevant technologies by providing mentoring, financial, and marketing support.

For more details, visit:

- Research Activities
- Innovation Council
- Entrepreneurship Development Cell
- MSME Incubation Center

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/3.3.1.pdf">https://sect.edu.in/naac/p4/3.3.1.pdf</a>

**3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year**

63

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software**

**A. All of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year**

**3.4.2.1 - Number of PhD students registered during the year**

7

File Description	Documents
URL to the research page on HEI website	<a href="https://sect.edu.in/research-activities.html">https://sect.edu.in/research-activities.html</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

173

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

13

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/3.4.4.pdf">https://sect.edu.in/naac/p4/3.4.4.pdf</a>

### 3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

#### 3.4.5.1 - Total number of Citations in Scopus during the year

12

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

### 3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

#### 3.4.6.1 - h-index of Scopus during the year

02

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

### 3.5 - Consultancy

#### 3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

2.00

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0.10

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	<a href="#">View File</a>
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Extension activities are crucial for holistic student development in engineering colleges. Beyond academic excellence, these activities allow students to apply theoretical knowledge practically, develop life skills, and contribute to society. Our college's extension programs, including the National Service Scheme (NSS), National Cadet Corps (NCC), Youth Red Cross (YRC), and Red Ribbon Club (RRC), enhance social responsibility and practical learning.

NSS activities boost students' confidence, leadership skills, and understanding of diverse communities. Volunteers engage with underprivileged communities, gaining empathy and practical insights. The college's NSS units, consisting of 200 dedicated students, actively participate in regular and special camps, supported by the institution's management. They also collaborate with the Unnat Bharat Abhiyan (UBA) for fieldwork in nearby villages, understanding local conditions.

Since establishing the NCC Air Force unit in 2019, cadets have participated in numerous camps and received various awards. The college's NCC program offers firing camps, drills, and personality development opportunities. The RRC promotes healthy lifestyles and voluntary blood donation, fostering a spirit of volunteerism among youth and contributing to disease prevention and control. In the

academic year 2023-24, 49 outreach programs were organized to benefit society.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/3.6.1.pdf">https://sect.edu.in/naac/p4/3.6.1.pdf</a>

**3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year**

57

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)**

47

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year**

2626

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>



**3.7 - Collaboration****3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work**

142

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)**

31

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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 equipments, etc.

The College features a lush 60-acre campus, optimized for teaching and learning. It boasts state-of-the-art infrastructure, including well-furnished, spacious classrooms and laboratories equipped with LCD projectors. ICT classrooms provide multimedia learning, Wi-Fi connectivity, and internet access.

The College has multiple seminar halls for national and international events, encouraging student involvement in presentations and discussions. Laboratories meet AICTE

standards and are used for practical and technology training, with licensed software and open-source tools.

The entire campus offers 24/7 Wi-Fi with a bandwidth of 1000 Mbps for both faculty and students, covering all areas including labs, classrooms, and hostels.

The central library spans 13,43,390 sq. mt. across two floors and holds 38,087 books, 300 e-journals, and 12 newspapers. It features a section with educational CDs and DVDs and an electronic notice board displaying important updates. The digital library center includes 60 computers, an HP Xeon server, and 8 Mbps broadband connectivity, supporting the effective teaching and learning process.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/4.1.1.pdf">https://sect.edu.in/naac/p4/4.1.1.pdf</a>

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

The Institution integrates core courses with continuous evaluation, including sports and extracurricular activities as vital components for both participation and assessment.

The campus features 12 acres of sports facilities for outdoor and indoor games, including football, basketball, cricket, kabaddi, and more. Notable achievements include three students selected for the Women's University Cricket team. Facilities cover badminton, volleyball, basketball, carom, table tennis, and chess, with additional resources for NCC cadets like parade grounds and a firing range.

Regular competitions are organized, including Zonal and Inter-Zonal National Youth Festivals, and cultural and sports events. NCC cadets also train for Inter Squadron and Directorate Level Competitions.

The College boasts a modern seminar hall for conferences, a well-equipped gymnasium for boys and girls, and offers yoga and self-defense classes. National Independence Day and Republic Day are celebrated with flag hoisting, a guard of

honor by NCC cadets, a student march past, and athletic events, with awards for the best marching contingent judged by army veterans.

Cultural activities are a key part of campus life, with students performing at Annual Day, Sports Day, and other events. Hostels also support cultural programming, and all faculties have assembly halls for various functions and events

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/4.1.2.pdf">https://sect.edu.in/naac/p4/4.1.2.pdf</a>

#### 4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

61

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

101.98793

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

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

Sengunthar Engineering College, established in 2001 and affiliated with Anna University, Chennai, operates as an autonomous institution with a comprehensive library housed in a 1,526.954 sq. ft., two-story building. This library is central to the college's educational activities, featuring a diverse collection and multiple facilities.

The ground floor includes a reading hall with journals, magazines, a reprography section, and a digital library. The first floor houses department-specific textbooks and reference materials for both UG and PG programs, along with a large reading hall and a reference section. The second floor has a group discussion hall, IIT Remote Centre Bombay, general aptitude books, book bank materials, and back volumes of journals.

In the academic year 2023 -2024 new arrivals 290 books, 100 e-journals, 17 periodicals, 191 projects.

The library's collection includes over 38,087 books, 300 e-journals, 17 magazines, 459 CDs, 1,287 back volumes, 1,230 projects, and 6TB of NPTEL hardware, with online access to digital resources. It uses e-Nova Software Version 5 for management, including book transactions, cataloguing, and OPAC services. The automated system supports book purchase, cataloguing, and stock management.

Additional features include a computer lab with internet access, a property counter for bags and valuables, and tracking of library usage. The digital library offers 60 computers, e-books, IEEE journals, DELNET, NPTEL resources, and services like photocopying and printing. The library is Wi-Fi enabled, and all faculty and students are registered with NDLI. Book bank facilities are also available for minority students

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/4.2.1.pdf">https://sect.edu.in/naac/p4/4.2.1.pdf</a>

## 4.2.2 - Institution has access to the

A. Any 4 or more of the above

**following: e-journals e-ShodhSindhu  
Shodhganga Membership e-books  
Databases Remote access to e-resources**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### **4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**

**28.34261**

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

#### **4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)**

##### **4.2.4.1 - Number of teachers and students using the library per day during the year**

**313**

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### **4.3 - IT Infrastructure**

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Sengunthar Engineering College enforces strict policies for the use and security of its computer systems, networks, and information resources. All users, including technology developers, end users, and resource administrators, must adhere to these policies and understand the consequences of violations.

The college features a robust IT infrastructure with a 50 Mbps backbone connecting all PCs to the LAN and internet access across all devices. IT infrastructure is regularly upgraded as needed, with efforts to maintain older equipment.

The Information Technology Policy Committee oversees and approves policies, guidelines, and standards for IT use at the college. The IT infrastructure supports office automation, admissions, library services, and examinations. Students are encouraged to use ICT tools for seminars, and IT facilities are prioritized for upgrades.

Wi-Fi is available campus-wide, and computer labs are accessible from 9 a.m. to 5 p.m., with extended hours if required. Equipment requisitions are submitted six months in advance.

The Remote Centre for IIT Bombay facilitates workshops via video conferencing with regularly upgraded audio-visual equipment. Computers are upgraded annually with new hard drives and RAM (4GB and 8GB). Each system is assigned a unique IP address for identification and management.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/4.3.1.pdf">https://sect.edu.in/naac/p4/4.3.1.pdf</a>

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1364	626

File Description	Documents
Upload any additional information	<a href="#">View File</a>
<b>4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus</b>	<b>A. ?50 Mbps</b>
File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
<b>4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing</b>	<b>A. All four of the above</b>
File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/4.3.4.pdf">https://sect.edu.in/naac/p4/4.3.4.pdf</a>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>
<b>4.4 - Maintenance of Campus Infrastructure</b>	
<b>4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)</b>	
<b>203.52372</b>	
File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

The institution has a well-defined maintenance system for all academic, physical, and auxiliary facilities, including labs, libraries, sports areas, computers, and classrooms. Overseen by a maintenance committee led by the principal and an administrative officer intern, the maintenance supervisor and his team handle regular upkeep and repairs. This includes furniture, masonry, painting, plumbing, housekeeping, gardening, transportation, RO plants, telecom, and IT services.

Maintenance is categorized into scheduled and preventive types, with records kept in a log book. The maintenance team consists of carpenters, electricians, masons, plumbers, and painters, who are usually on-site or reachable on call. Contact information for the chief maintenance officer is readily available for addressing issues and complaints.

Lab equipment undergoes both preventive and breakdown maintenance, with a technical team performing regular inspections. Minor repairs are handled by lab staff, while major issues are reported to the principal and addressed by qualified service personnel. Laboratories and other facilities are verified annually, with UPS systems backing up power for computer labs.

Library maintenance includes an entry and exit register, periodic book cleaning, and book requests based on demand. Electricians maintain generators, lighting, and other electrical systems. The institution's buses are regularly cleaned and serviced to ensure smooth operation

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/4.4.2.pdf">https://sect.edu.in/naac/p4/4.4.2.pdf</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support



**5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year**

904

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year**

725

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

**5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities**  
**Soft Skills**  
**Language and Communication Skills**  
**Life Skills (Yoga, Physical fitness, Health and Hygiene)**  
**Awareness of Trends in Technology**

A. All of the above

File Description	Documents
Link to Institutional website	<a href="https://sect.edu.in/naac/p4/5.1.3.pdf">https://sect.edu.in/naac/p4/5.1.3.pdf</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year**

192

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees**

**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 5.2 - Student Progression

### 5.2.1 - Number of outgoing students who got placement during the year

**192**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**5.2.2 - Number of outgoing students progressing to higher education**

3

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year****5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year**

4

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.3 - Student Participation and Activities****5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year**

23

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution**

Sengunthar Engineering College has implemented a comprehensive mechanism to address students' grievances, focusing on safety, well-being, and fair treatment. Key components include establishing clear policies and

guidelines communicated to students, faculty, and staff to handle issues like sexual harassment and ragging. An Internal Complaints Committee (ICC) ensures thorough investigation and resolution of harassment complaints in line with legal mandates. An Anti-Ragging Committee collaborates with authorities to enforce strict measures against ragging incidents, ensuring a safe environment. The college conducts regular awareness programs to educate students about their rights and responsibilities, aiming to foster respect and inclusivity. Confidential reporting mechanisms such as helplines and online platforms encourage students to report grievances without fear of reprisal. Fair investigations are guaranteed, respecting confidentiality and due process for all parties involved. Disciplinary actions are taken as per institutional policies upon substantiated complaints, ranging from warnings to expulsion. Support services including counseling and legal aid are provided to victims/survivors, prioritizing their emotional and physical well-being. Regular monitoring and review of the mechanism ensure compliance with legal standards and continuous improvement. Overall, Sengunthar Engineering College's commitment to this robust mechanism underscores its dedication to maintaining a safe, respectful, and inclusive learning environment for all students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/5.3.2.pdf">https://sect.edu.in/naac/p4/5.3.2.pdf</a>

### 5.3.3 - Number of sports and cultural events / competitions organised by the institution

12

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Alumni Association of an institution acts as a vital link between current students, alumni, and the institution, cultivating a dynamic community and driving personal and institutional growth. By hosting events like reunions and offering online platforms, it provides extensive networking opportunities that foster professional connections and global career advancement. Mentorship programs bridge alumni and students, offering valuable guidance in academic and professional journeys, encouraging mutual development. Career resources, including job boards and workshops, support alumni in achieving their career goals, while educational events promote lifelong learning and skill-building. Alumni contribute significantly through philanthropic efforts, supporting fundraising campaigns and scholarships that enhance academic programs and enrich student experiences. Community engagement initiatives and volunteer projects further enable alumni to give back, positively impacting society while deepening their ties with their alma mater. Cultural and social events celebrate shared memories, building camaraderie among alumni worldwide. Collectively, these initiatives create a strong global network that fosters professional growth, cultural exchange, and continuous support, showcasing the essential role Alumni Associations play in nurturing a connected and thriving alumni community.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/5.4.1.pdf">https://sect.edu.in/naac/p4/5.4.1.pdf</a>

**5.4.2 - Alumni's financial contribution during the year**

**A. ? 15 Lakhs**

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

## **GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 - Institutional Vision and Leadership**

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Our institution's governance emphasizes aligning its vision and mission with academic and community development. The governing body includes faculty, students, and stakeholders, working together to transform the institution from a local to global perspective.

**Vision:** To become a leading center for academia, transforming lives by imparting professional, ethical, and entrepreneurial skills to address global challenges.

**Mission:**

- To train students as competitive professionals with high ethical standards.
- To offer a contemporary curriculum and industry-focused teaching for academic excellence.
- To establish research centers addressing local and global issues.
- To engage students in outreach and social development activities.

The college's governance is structured with management, principal, deans, directors, department heads, faculty, and students. Regular meetings and town halls promote the vision and mission. The Executive Committee, led by the principal, reviews academic, research, and administrative activities, ensuring the institution's growth.

The college emphasizes innovative teaching methods, continuous evaluation, and faculty development. The Research and Development Cell encourages faculty and student research, while the Planning and Development Cell manages infrastructure projects. The library and ICT resources support learning, and industry collaboration enhances professional growth through MoUs and partnerships. These efforts ensure effective governance, quality teaching, and continuous improvement across all aspects of the institution.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/6.1.1.pdf">https://sect.edu.in/naac/p4/6.1.1.pdf</a>

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

**Motivation & Mechanism** The Heads of Departments (HoDs) are responsible for motivating staff and students, encouraging them to provide feedback on administration and academics. Decision-making at Sengunthar Engineering College (SEC) follows a participative model, involving statutory bodies like the Governing Body, Academic and Administrative Councils, and various departmental committees.

**Decentralization & Structure** SEC embraces decentralized governance, empowering the Principal, Deans, HoDs, faculty, and students to contribute to decision-making. Staff members participate in multiple committees to prevent stagnation and ensure inclusivity. Decentralization is practiced at three levels: strategic (policy creation), functional (department operations), and operational (daily activities).

**Participative Management** SEC promotes participative management by involving faculty and students in decisions regarding academic and administrative activities. Faculty members participate in committees like the Academic Council, Exam Committee, and Cultural Forum. Teachers also play key roles in extracurricular activities, fostering cultural awareness and social responsibility.

**Case Studies** In placement activities, the Placement Cell is led by a Director and supported by faculty and students. Similarly, the Cultural Committee organizes events with active involvement from faculty, staff, and students. Decentralization ensures shared responsibility and smooth execution.

**Outcome** The decentralized and participative approach has enhanced communication, morale, and efficiency, aligning the institution's operations with its vision and mission. The engagement of all stakeholders fosters a collaborative and dynamic learning environment.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/6.1.2.pdf">https://sect.edu.in/naac/p4/6.1.2.pdf</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

**Objectives** The primary goal of Sengunthar Engineering College (SEC) is to equip students with relevant professional skills, guiding them toward successful global careers while instilling values of Sincerity, Hard Work, and Ethics.

### Motivation

- To develop academically sound, skillful students prepared for lifelong learning.
- To shift learning from "teacher-centric" to "student-centric."
- Encourage faculty to integrate ICT tools for effective teaching.
- Ensure governance through decentralization.
- Foster overall student development through active participation.
- Provide effective training for better placement.
- Focus on financial planning and management.

**Strategic Planning** The institution regularly updates its strategic plan in consultation with stakeholders to enhance education, placements, infrastructure, and R&D. Placement is a priority, with the college offering technical training in areas like Web Development, AI, IoT, Ethical Hacking, and Cloud Computing through its Technical Hub. Students are encouraged to participate in coding competitions and skill tests to increase their employability.

**SWOT Analysis & Implementation** SEC's strategic plan evolves based on SWOT analysis, stakeholder feedback, and competitive trends in education. Key decisions are reviewed by the



Governing Body and communicated to stakeholders. The Strategic Plan 2020-2025 focuses on curriculum, co-curricular activities, research, infrastructure, staff development, industry collaboration, accreditation, and internationalization

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/6.2.1.pdf">https://sect.edu.in/naac/p4/6.2.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The Institution operates through various committees that function effectively to meet objectives and satisfy stakeholders. The chairman monitors these committees, contributing to significant benefits reflected in various metrics. A well-organized tiered structure supports vibrant administrative proceedings and decision-making.

The Governing Body, chaired by the Chairman, oversees institutional development and provides guidelines on academic affairs, faculty recruitment, and budget matters. The Principal, as the head, manages all academic and allied divisions, supported by the Director of Corporate Relations, Deans, HoDs, and faculty members focused on academics, research, student welfare, and industry activities.

Key committees include:

Statutory:

- Governing Body
- Academic Council
- Board of Studies
- Finance Committee

Non-Statutory:

- Planning and Evaluation
- Grievance Redressal
- Examination
- Admissions
- Library
- Student Welfare
- Internal Complaints
- Extra-Curricular Activities
- Academic Steering
- Research
- Ethics

The Academic Council is responsible for academic policies and course approvals, involving faculty and external experts. The Finance Committee advises on financial matters and budget proposals. Service rules cover recruitment, performance appraisal, and departmental responsibilities, promoting a strong work culture through teamwork among all stakeholders.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://sect.edu.in/pd/ORGANOGRAM.pdf">https://sect.edu.in/pd/ORGANOGRAM.pdf</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/6.2.2.pdf">https://sect.edu.in/naac/p4/6.2.2.pdf</a>

**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) Documen	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

#### Welfare measures for Teaching Staff:

- Sengunthar Employees Welfare Fund/
- Group Insurance.
- Festival advance.
- Medical Leave
- Earned Leave
- Free Transport Facility
- Prompt facilitation of Provident Fund loans.
- Hostel Accommodation facility
  
- On-Duty for attending programmes
- Financial assistance for FDP, Journal and workshop.
- Maternity Leaves to female staff
- Facility of Wi-Fi in campus.
- Ph.D. Increments to Teaching staff (Ph.D Allowance)

#### Welfare measures for Non-Teaching Staff:

- Membership of Group Insurance
  
- Sengunthar Employees Welfare Fund
- Festival advance.
- Festival bonus.
- Prompt facilitation of Provident Fund loans.
- Help with facilitation of bank loans.
- Crash Course in Computer Basics for Supporting Staff.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/6.3.1.pdf">https://sect.edu.in/naac/p4/6.3.1.pdf</a>

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

**197**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

14

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

203

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institution carefully manages its financial resources for infrastructure and teaching. Governed by a body with representatives from the university, AICTE, management, industry, and academia, the college submits budget proposals

annually for review. These proposals cover various categories such as salaries, laboratory equipment, library expenses, infrastructure, and maintenance.

Recurring expenses include staff salaries, electricity, internet, maintenance, and consumables, while non-recurring expenses involve furniture and development costs. The principal, with input from department heads, submits the budget to management for approval. A committee reviews the proposals and supporting documents, providing feedback for improvement.

The budget supports quality improvements, including renovated blocks, seminar halls, and training rooms. It also allocates funds for management events, guest lectures, workshops, industrial visits, conferences, faculty programs, and subsidized transport.

The accounts department monitors expenses as per the budget, including depreciation costs for previous purchases. Internal audits occur semi-annually, and any discrepancies are addressed with the principal. The external audit committee verifies the income and expenditure statements and authorizes the accounts.

Two audit concerns involve the rapid obsolescence of computers and software and the need for updated library resources due to frequent syllabus revisions. The college has requested a revision of depreciation rates for these assets.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/6.4.1.pdf">https://sect.edu.in/naac/p4/6.4.1.pdf</a>

#### **6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)**

3.55

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Sengunthar Engineering College mobilizes its funds primarily from student fees. Additionally, the college generates resources through the following means:

**Overhead Charges from Research Grants and Project Development Funds:** The institution receives grants from various government and non-government authorities, which include overhead charges.

**Funding from Alumni Donors:** Contributions from alumni play a significant role in resource mobilization. The funds generated through these avenues are primarily used for the maintenance and development of the institution. The trust body of the institution also leases space to facilitate various commercial utility services, such as those provided by Karur Vysya Bank, for the benefit of students, faculty members, and officials.

**Optimal Utilization of Resources: Effective Teaching-Learning Practices:** Sufficient funds are allocated for training programs, orientation programs, workshops, and interdisciplinary activities to enhance the teaching and learning experience. **Operational and Administrative Expenses:** The budget is utilized to cover day-to-day operational and administrative expenses and the maintenance of fixed assets.

#### Library Facilities:

Requisite funds are used annually to enhance library facilities, thereby augmenting learning resources.

**Infrastructure Development and Maintenance:** Adequate funds are dedicated to the development and maintenance of the institution's infrastructure. **Community**

**Development and Social Welfare Activities:** Some funds are allocated for community development and social welfare activities. The main goal of resource mobilization and optimal utilization is to elevate the institutions standards, ensuring high-quality teaching and producing uniquely qualified students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/6.4.3.pdf">https://sect.edu.in/naac/p4/6.4.3.pdf</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The Internal Quality Assurance Cell (IQAC) has been established to enhance quality in our institution, following guidelines from NAAC and NBA. Regular meetings are held to discuss and review quality assurance strategies.

IQAC plays a crucial role in policy-making and implementation, focusing on upgrading infrastructure and support facilities to meet higher education standards and student needs. It assesses and suggests parameters for quality education. Among 221 faculty members, 203 have participated in various national and international development programs facilitated by IQAC. Additionally, 202 faculty members received financial support to attend conferences and workshops.

IQAC has implemented 15 professional development programs for teaching staff and one for non-teaching staff to enhance academic and administrative quality. It encourages stakeholder involvement, collecting feedback from students, teachers, parents, alumni, and the community to ensure continuous improvement.

During 2023-2024, 203 faculty members participated in various development programs, including webinars and refresher courses. IQAC promotes quality culture through initiatives

such as ranking participation in NIRF, preparing MoUs, forming committees, collecting feedback, auditing teaching processes, and pursuing ISO certification. These efforts aim to institutionalize best practices and foster continuous growth.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/6.5.1.pdf">https://sect.edu.in/naac/p4/6.5.1.pdf</a>

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The Internal Quality Assurance Cell (IQAC) at our college plays a vital role in monitoring and enhancing the teaching-learning process. It follows the institutional strategic plan, gathering feedback from various stakeholders to introduce innovative activities and reforms aimed at improving quality education and fostering a culture of excellence among students and staff.

Key initiatives implemented by IQAC include:

1. Promoting industrial involvement through training, visits, and guest lectures.
2. Implementing Outcome-Based Education (OBE) across programs.
3. Offering aptitude and soft skills classes to enhance student employability.
4. Participating in national and international quality audits, including NIRF and ARIIA.
5. Establishing the Institute Innovation Council (IIC) under MHRD.
6. Creating a Research and Development cell to foster research activities.
7. Conducting quality programs such as seminars and workshops.
8. Regularly collecting feedback from stakeholders.
9. Enhancing ICT tool usage in teaching and learning.
10. Implementing a Tutor-Ward system for student support.
11. Submitting the Annual Quality Assurance Report (AQAR) to NAAC.
12. Promoting a ragging-free campus and establishing a



**grievance redressal cell.**

Through these efforts, IQAC strives to create a student-centric learning environment by adhering to standard academic practices, including curriculum preparation, monitoring attendance, managing coursework, and conducting evaluations, all aimed at continuous improvement in the quality of education.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sect.edu.in/naac/p4/6.5.2.pdf">https://sect.edu.in/naac/p4/6.5.2.pdf</a>

**6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)**

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

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://sect.edu.in/pdf/Annual%20Report%202023%20-%202024.pdf">https://sect.edu.in/pdf/Annual%20Report%202023%20-%202024.pdf</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## **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

Gender equity is a fundamental principle embraced by our educational institution, ensuring fair treatment for individuals of all genders in terms of their needs, rights, benefits, and opportunities. In staff recruitment, both teaching and non-teaching positions prioritize diversity and inclusivity, granting equal consideration to all candidates. Maternity leave entitlement for women employees reflects our acknowledgment of their specific needs.

Furthermore, faculty achievements are recognized impartially, with women faculty members considered for leadership roles solely based on merit. This approach highlights our dedication to utilizing the capabilities of all staff members equally.

Specialized units like the National Service Scheme (NSS) and the National Cadet Corps (NCC) actively involve female students, providing opportunities for community service and participation in events. Female students are encouraged to participate in various activities, from technical symposiums to sports and cultural celebrations, promoting equal access to campus life.

Support systems such as the Women Empowerment Cell, Grievance Redressal Cell, and Sexual Harassment Cell address issues related to women's well-being. Helpline numbers for women across campus emphasize our commitment to providing a safe and supportive environment for all.

In summary, our institution not only prioritizes gender equity in staff recruitment and support for women employees but also fosters equal opportunities for female students in academic and extracurricular activities, reflecting our commitment to a gender-inclusive educational environment.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://sect.edu.in/naac/p4/7.1.1.pdf">https://sect.edu.in/naac/p4/7.1.1.pdf</a>

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy      Biogas plant Wheeling to the Grid      Sensor-based**

**A. Any 4 or All of the above**

**energy conservation Use of LED bulbs/  
power-efficient equipment**

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

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Sengunthar Engineering College is dedicated to achieving "zero waste" and minimizing its environmental footprint through the principles of "reduce, reuse, and recycle." A comprehensive waste management institution is vital for managing both degradable and non-degradable waste efficiently. Organic waste, like food scraps, can be composted to enrich soil and produce biogas for energy. Non-degradable waste, such as plastics and metals, requires advanced recycling facilities to reduce environmental impact. Sorting technologies and partnerships with industries for responsible disposal of hazardous waste are crucial. Public awareness campaigns and strict regulations on illegal dumping will encourage waste reduction and proper disposal. Continuous research into innovative waste management technologies ensures adaptability to evolving challenges. By fostering an environmentally responsible culture, the institution can lead towards a cleaner and more sustainable future.

- Solid waste management
- E-waste management
- Waste water recycling system

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

<b>7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus</b>	<b>A. Any 4 or all of the above</b>
<b>File Description</b>	<b>Documents</b>
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>
<b>7.1.5 - Green campus initiatives include</b>	
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b> <ol style="list-style-type: none"> <li><b>1.Restricted entry of automobiles</b></li> <li><b>2.Use of bicycles/ Battery-powered vehicles</b></li> <li><b>3.Pedestrian-friendly pathways</b></li> <li><b>4.Ban on use of plastic</b></li> <li><b>5.Landscaping</b></li> </ol>	<b>A. Any 4 or All of the above</b>
<b>File Description</b>	<b>Documents</b>
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>
<b>7.1.6 - Quality audits on environment and energy undertaken by the institution</b>	
<b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b> <ol style="list-style-type: none"> <li><b>1. Green audit</b></li> <li><b>2. Energy audit</b></li> <li><b>3.Environment audit</b></li> </ol>	<b>A. Any 4 or all of the above</b>

**4. Clean and green campus recognitions/awards**  
**5. Beyond the campus environmental promotional activities**

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

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

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

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

**7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e.**

tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

We celebrate diversity at our college, where students respect various religions, languages, and cultures. Our college is akin to a second home, where faculty members are regarded as family. Festivals are occasions for us to come together, exchange greetings, and share in cultural feasts, fostering understanding and harmony among different communities. Our students actively participate in celebrations, which further strengthens social and religious harmony. India's diversity is unparalleled, with its vast landscape and rich cultural tapestry. It's a melting pot of languages, religions, and traditions. To showcase this diversity, we organize competitions during our annual day, providing students with opportunities to learn about different cultures across the nation. This fosters tolerance, understanding, and appreciation for cultural, regional, linguistic, and socio-economic differences, creating an inclusive environment within the college and society.

Students from various regional and cultural backgrounds participate in such programs and present their regional or cultural folk songs and dances. These cultural events are organized at different levels- departments, hostels, and college- and on different occasions like Independence Day, Republic Day, etc. The institution has provided a vast environment for students to expose their in born talents in cultural events. To improve students' mental and concentration levels our college engages them in sports activities regularly.

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

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

Sengunthar Engineering College actively promotes constitutional values, rights, duties, and responsibilities among students and staff. On Republic Day and Independence Day, the Director emphasizes the importance of remembering the freedom struggle and respecting national symbols. The

college's constitution upholds human dignity, equality, social justice, and the rule of law. The institution's Plantation Programme aims to foster better citizenship beyond academic excellence.

The college, through NSS, NCC, and YRC, organizes various activities such as free blood donation camps, clean India initiatives, and leprosy awareness programs, encouraging students to embrace "Unity in Diversity." The Green Initiative strives for environmental sustainability, targeting neutral greenhouse gas emissions. Independence Day and Republic Day are celebrated with enthusiasm, and Constitution Day ('Samvidhan Divas') on November 26, 2020, featured elocution and quiz contests to reinforce constitutional values and fundamental duties.

The college also conducts legal aid and awareness camps to educate students about their roles and responsibilities. Student-centric activities, including paper, poster, and essay competitions, further enhance awareness of Indian citizenship and foster active participation in these initiatives.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized**

**A. All of the above**

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

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

The academic year 2023-2024 at Sengunthar Engineering College was marked by the celebration of several national and international important days. The college celebrates various national and international commemorative days and festivals as well with the objective to bring awareness among the student community about the importance of those days and festivals. Also, students gain experience of organizing an event, working in a team, time management etc. These events fostered unity, awareness, and holistic development among students and staff while promoting responsibility, cultural understanding, and societal engagement.

The following are the events organized in the college:

- Independence Day
- National Sports Day
- Mother Language Day
- National Unity Day
- World Education Day
- World AIDS Day
- National Energy Conservation Day
- National Pulse Polio Day
- Pongal Day
- Republic Day
- Martyr's Day
- World Radio Day
- National Science Day
- International Women's Day



- World Tuberculosis Day`
- World Hearing Day
- World Water Day
- World Scout Day
- Safer Internet Day
- National Youth Day

#### Conclusion:

The celebration of these significant days provided a platform for students to engage with important social, cultural, and environmental issues. Through active participation, students developed awareness, leadership skills, and a sense of social responsibility, fostering personal growth and contributing to a harmonious and progressive society.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

1. Title "Recognition and Reward System for Holistic Development"

2. Goal To cultivate a culture of recognition and motivation, promoting student growth by celebrating achievements across academic, co-curricular, and extra-curricular domains.

#### Objectives

- Recognize diverse achievements.
- Encourage participation and excellence.
- Foster a culture of achievement and confidence.

3. Context Supports holistic growth, especially for first-generation students, addressing challenges like low self-

esteem and financial constraints.

4. Practice Annual awards for curricular, co-curricular, and extra-curricular achievements, including certificates, cash prizes, and medals.

5. Evidence of Success Increased student engagement and performance, with higher participation in events and awards.

6. Problems and Resources Challenges include ensuring fairness and resource allocation. Requires administrative support and regular evaluation.

#### Nurturing Social Responsibility through Activities

1. Title "Nurturing Social Responsibility through Activities"

2. Goal To enhance awareness of societal responsibilities through active participation in social and environmental initiatives.

#### Objectives

- Engage in impactful social activities.
- Host educational events on social issues.
- Promote environmental and community well-being.

3. Context Focuses on developing social responsibility, crucial in today's world.

4. Practice Clubs like NSS and NCC organize tree planting, health camps, and awareness programs. Leadership and guest speaker opportunities are provided.

5. Evidence of Success Successful social activities, including blood donation camps and notable student achievements in NCC.

6. Problems and Resources Challenges include time constraints and organizing large groups. Requires ongoing awareness efforts and student engagement.

File Description	Documents
Best practices in the Institutional website	<a href="https://sect.edu.in/pdf/7.2%20BEST%20PRACTICES%20AY%202023-24.pdf">https://sect.edu.in/pdf/7.2%20BEST%20PRACTICES%20AY%202023-24.pdf</a>
Any other relevant information	<a href="https://sect.edu.in/naac/p4/7.2.pdf">https://sect.edu.in/naac/p4/7.2.pdf</a>

### 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Sengunthar Engineering College is committed to imparting technical education while nurturing ethical values and leadership qualities among students. The college aims to produce competent engineers capable of addressing global challenges by promoting innovation, research, and industry-academia collaboration.

The curriculum integrates continuous Spoken English practice, seminars, and value-based courses like "Life Skills" to enhance critical thinking, teamwork, and communication skills. Students are encouraged to participate in cultural and technical activities, including debates, quizzes, and paper presentations, to build confidence and public speaking skills. Additionally, the college offers Minor Degrees and Honours, particularly benefiting rural students, and fosters practical skills through the Sengunthar Skill Development Centre (EAGLE). Our students produced innovative products like the Sengunthar Smokeless Stove (SSS - Brand), Automatic Dust Bin Collector, and 9 W Electric Bulb: energy-efficient lighting solutions through this centre. With continuous dedication and innovation, the centre aims to further contribute to the advancement of engineering solutions and the promotion of sustainable practices in the industry.

The college also emphasizes co-curricular and extracurricular activities, including sports, cultural events, yoga, meditation, and active participation in NCC (Air and Army Wing) and NSS. These initiatives collectively contribute to the holistic development of students, preparing them to excel academically and socially.

File Description	Documents
Appropriate link in the institutional website	<a href="https://sect.edu.in/naac/p4/7.3.1.pdf">https://sect.edu.in/naac/p4/7.3.1.pdf</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

- To become a leading institution among peers, offering diverse skill development programs in cutting-edge technologies through our Skill Development Centre.
- Offering employment opportunities to students through the placement cell in the leading industries.
- Cultivating a positive work culture within the institute to retain staff members.
- Strengthen Research and Development efforts to become a creator of innovative products that meet the needs of society.
- Foster successful startups to create employment opportunities through our Skill Development Centre.
- Intensify Alumni involvement in all aspects of institute development.
- Pursuing grants from both government and private sources.
- Developing internal revenue generation streams.
- Commitment to the personality development of students through training on ethical values.
- Achievement to recognition from national and international organizations in the form of grants and awards.
- Mobilization of funds and projects through the alumni and other stakeholders.
- Imparting in-depth knowledge by providing proper training in advanced technologies.
- To Increase the number of Faculty members with Ph.D. qualifications.
- Renovation of physical and IT Infrastructure and upgrade Contemporary Labs, Research Lab, Examination Management Information System (E-MIS), and ICT tools.
- To increase research publications among the staff and students.