



## SETHU INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University, Chennai  
Pulloor – 626115, Kariapatti Taluk,  
Virudhunagar District, Tamil Nadu.

**INTERNAL QUALITY ASSURANCE CELL**



## **Annual Quality Assurance Report 2022 -23**

Submitted to  
National Assessment and Accreditation Council  
Bangalore, India



# YEARLY STATUS REPORT - 2022-2023

## Part A

### Data of the Institution

#### 1.Name of the Institution

Sethu Institute of Technology

• Name of the Head of the institution **Dr.G.D.Siva Kumar**

• Designation **Principal**

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

• Phone No. of the Principal **04566229705**

• Alternate phone No. **04566229706**

• Mobile No. (Principal) **9952262957**

• Registered e-mail ID (Principal) **principal@sethu.ac.in**

• Address **Pulloor, Kariapatti Taluk**

• City/Town **Virudhunagar District**

• State/UT **Tamil Nadu**

• Pin Code **626115**

#### 2.Institutional status

• Autonomous Status (Provide the date of conferment of Autonomy) **17/08/2012**

• Type of Institution **Co-education**

• Location **Rural**

- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr.S.Siva Ranjani**
- Phone No. **04566229700**
- Mobile No: **9150725908**
- IQAC e-mail ID **iqac@sethu.ac.in**

**3.Website address (Web link of the AQAR (Previous Academic Year))** <https://sethu.ac.in/AOAR2021-2022/doc/pdf/AOAR%202021-2022.pdf>

**4.Was the Academic Calendar prepared for that year?** **No**

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

#### **5.Accreditation Details**

| Cycle          | Grade      | CGPA        | Year of Accreditation | Validity from     | Validity to       |
|----------------|------------|-------------|-----------------------|-------------------|-------------------|
| <b>Cycle 2</b> | <b>A++</b> | <b>3.54</b> | <b>2023</b>           | <b>12/08/2023</b> | <b>11/08/2028</b> |
| <b>Cycle 1</b> | <b>A</b>   | <b>3.10</b> | <b>2016</b>           | <b>17/03/2016</b> | <b>16/03/2021</b> |

**6.Date of Establishment of IQAC** **27/03/2015**

**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       |
|--|---|----------------|-----------------------------|--------------|
| Sethu Institute of Technology          | Accreditation   | NBA            | 10/06/2022                  | 0            |
| Sethu Institute of Technology          | MSME 2.0  | MSME           | 28/06/2023                  | 126.95 Lakhs |
| Sethu Institute of Technology          | Obtained 2 star rating for the college Innovation Council (IIC) | IIC, MHRD      | 16/11/2023                  | 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 4

- 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)

Faculty Induction program on OBE

Compliance report submission and NBA visit preparation for CSE, ECE and EEE Departments

MOU with DigitAll at today's digital Sangaman

**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   |
|--|---|
| NBA Accreditation                                | Extension of NBA Accreditation for CSE, ECE and EEE Departments for submission of compliance report                   |
| To start two new UG Programs                     | B.E. Computer Science and Engineering (Cyber Security) and B.E. Computer Science and Engineering (Internet of Things) |
| To promote Innovation among faculty and students | Obtained rupees 1.27 Crores for Innovative project by MSME, Government of India                                       |

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

- Name of the statutory body

| Name of the statutory body | Date of meeting(s) |
|----------------------------|--------------------|
| Academic Council           | 04/02/2023         |

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

- Year

## Part A

### Data of the Institution

|  |                               |
|--|-------------------------------|
| <b>1.Name of the Institution</b>                                 | Sethu Institute of Technology |
| • Name of the Head of the institution                            | Dr.G.D.Siva Kumar             |
| • Designation  | Principal                     |
| • Does the institution function from its own campus?             | Yes                           |
| • Phone No. of the Principal                                     | 04566229705                   |
| • Alternate phone No.  | 04566229706                   |
| • Mobile No. (Principal)   | 9952262957                    |
| • Registered e-mail ID (Principal)                               | principal@sethu.ac.in         |
| • Address  | Pulloor, Kariapatti Taluk     |
| • City/Town  | Virudhunagar District         |
| • State/UT   | Tamil Nadu                    |
| • Pin Code   | 626115                        |
| <b>2.Institutional status</b>                                    |                               |
| • Autonomous Status (Provide the date of conferment of Autonomy) | 17/08/2012                    |
| • Type of Institution  | Co-education                  |
| • Location   | Rural                         |
| • Financial Status   | Self-financing                |
| • Name of the IQAC Co-ordinator/Director                         | Dr.S.Siva Ranjani             |
| • Phone No.  | 04566229700                   |

|  |   |      |                       |               |             |
|--|---|------|-----------------------|---------------|-------------|
| • Mobile No:   | 9150725908  |      |                       |               |             |
| • IQAC e-mail ID   | iqac@sethu.ac.in  |      |                       |               |             |
| <b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>   | <a href="https://sethu.ac.in/AOAR2021-2022/doc/pdf/AOAR%202021-2022.pdf">https://sethu.ac.in/AOAR2021-2022/doc/pdf/AOAR%202021-2022.pdf</a> |      |                       |               |             |
| <b>4.Was the Academic Calendar prepared for that year?</b>   | No  |      |                       |               |             |
| • if yes, whether it is uploaded in the Institutional website Web link:  |   |      |                       |               |             |
| <b>5.Accreditation Details</b>   |   |      |                       |               |             |
| Cycle  | Grade   | CGPA | Year of Accreditation | Validity from | Validity to |
| Cycle 2  | A++   | 3.54 | 2023                  | 12/08/2023    | 11/08/2028  |
| Cycle 1  | A   | 3.10 | 2016                  | 17/03/2016    | 16/03/2021  |
| <b>6.Date of Establishment of IQAC</b>   |   |      | 27/03/2015            |               |             |
| <b>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.)?</b> |   |      |                       |               |             |
|  |   |      |                       |               |             |

| Institution/ Department/Faculty/School | Scheme  | Funding Agency | Year of Award with Duration | Amount       |
|--|---|----------------|-----------------------------|--------------|
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**8. Provide details regarding the composition of the IQAC:**

|  |                           |  |
|--|---------------------------|--|
| <ul style="list-style-type: none"> <li>Upload the latest notification regarding the composition of the IQAC by the HEI</li> </ul>                                  | <a href="#">View File</a> |  |
| <b>9.No. of IQAC meetings held during the year</b>   | <b>4</b>                  |  |
| <ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?</li> </ul> | <b>Yes</b>                |  |
| <ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>                                       | No File Uploaded          |  |
| <b>10.Did IQAC receive funding from any funding agency to support its activities during the year?</b>  | <b>No</b>                 |  |
| <ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>   |                           |  |
| <b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>  |                           |  |



|   |   |
|---|---|
| Faculty Induction program on OBE  |   |
| Compliance report submission and NBA visit preparation for CSE, ECE and EEE Departments   |   |
| MOU with DigitAll at today's digital Sangaman   |   |
| <b>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:</b> |   |
| Plan of Action  | Achievements/Outcomes   |
| NBA Accreditation   | Extension of NBA Accreditation for CSE, ECE and EEE Departments for submission of compliance report                   |
| To start two new UG Programs  | B.E. Computer Science and Engineering (Cyber Security) and B.E. Computer Science and Engineering (Internet of Things) |
| To promote Innovation among faculty and students  | Obtained rupees 1.27 Crores for Innovative project by MSME, Government of India                                       |
| <b>13. Was the AQAR placed before the statutory body?</b>   | <b>Yes</b>  |
| <ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>  |   |
| Name of the statutory body  | Date of meeting(s)  |
| Academic Council  | 04/02/2023  |
| <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  |
| 2022-2023   | 11/02/2023  |

**15.Multidisciplinary / interdisciplinary**

The College always aims at providing holistic education which is very well reflected in its one of the Mission statements as "to provide holistic learning ambience". The various programs of the College offer courses in humanities, social sciences, professional and soft skills in addition to the technical courses. Some of the non technical courses that are offered are English for Technical Communication, Communication Skills for Professionals, Environmental Science, Biology for Engineers, Gender equality, Tamil Literature, Culture and Civilization through Archeology, Indian Constitution, Professional Ethics and Human Values, Soft Skills Lab and Interpersonal Skills Lab. Foreign language courses such as German, French and Japanese are also offered. These courses will be helpful in developing the students as well-rounded individuals. All the Departments are requested to explore many such courses that could be offered to help the students develop the 21st century skills. Faculty members and students are encouraged to do research on some of the societal problems. The College has been adopting flexible curriculum since 2015 and all the courses offered by the programs are credit based courses. The projects are carried out by the students which offer solutions to the industry and the society. The curriculum of the programs has a unique course namely Multidisciplinary Project, in which students from various disciplines join together and carry out projects. These projects provide useful solutions to the industrial and societal problems. Some of the multidisciplinary projects have been awarded in various contests. These multidisciplinary projects provide interdisciplinary knowledge and skills required for the industry. In addition to this, multidisciplinary/interdisciplinary courses are also available for the students. The college promotes multidisciplinary research among the faculty members. The core branches are combining with IT branches to carry out multidisciplinary research in the latest emerging areas.

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

Our institution is registered under Academic Bank of Credits. It's aiming to promote flexible student centric learning by depositing credits earned by the students in Academic Bank of Credits. This will facilitate transfer of credits acquired by the students from Indian/foreign Universities having equal or higher Accreditation grades for the award of the degree. Our institute is taking efforts to enroll international students to promote diversity and internationalization (globalization). For this purpose the College has signed MoU with foreign universities. It

is taking serious efforts to establish research/teaching collaborations and faculty/ student exchange with high quality foreign institutions. In order to get international employment and studies global competencies have been fostered among students. In order to support the above fact foreign languages like German, Japanese and French are being included in the curriculum. The college is also conducting awareness programs and trainings for TOEFL, IELTS, GRE, etc. to secure employment in foreign countries. The faculty members are encouraged to design their courses and they are approved by the Board of Studies and Academic Council, after careful review. The regulation itself provides flexibility to choose appropriate pedagogical techniques by the faculty members. Innovative pedagogical methods are encouraged to enhance the knowledge and skills of the students. The faculty members also have flexibility to design their assessments which are useful to apply the concepts of the courses for effective solutions of the societal problems. The flexible academic regulation of the college offers opportunities for the faculty members to design their courses, pedagogical methods and assessment methods is considered to be one of the good practices followed by the college.

#### **17.Skill development:**

The college realizes its responsibility to provide the knowledge and skills required for their career and higher education for the students. For skill development there are various courses available in the curriculum namely Soft Skills Laboratory, Interpersonal skills laboratory, Skill development, Personality and Social Development, Speak Better Write Better, etc. The students are encouraged to undergo various types of vocational skill development courses leading to a valid certificate by reputed organization which are in alignment with the National Skills Qualification Framework. The students are provided credits for such vocational skill development courses to promote skill development among the students. In addition to the above courses the college encourages various activities to promote communication skills through clubs like Toastmasters club and Yacker Club. The Departments are conducting various skill development programs relevant to their discipline. The Department associations conduct technical competitions to promote technical skills among the students. The College also conducts value added courses which imparts the necessary skills for their career development. The College promotes value based education through curriculum and various activities. The curriculum has Value Education and Human Rights, Gender Equity, Professional Ethics

and Indian Constitution which promote values among the students. Programs like Zumba dance, boxing and musical instruments are conducted for the benefit of the students which help the students for life skills development. The college conducts various programs like women safety, women rights, women health and women entrepreneurship for the girl students through Women Empowerment Cell to face the challenges of life. The curriculum structure helps the students to take vocational courses before graduating and the credits earned by them are transferred after due assessment. The experts from the Industry are invited to the College to provide skill development programs to overcome the gaps between academia and industry. The college has chalked out strategic plans to promote blended learning ODL learning and on-campus learning for the students as well as for the society. The University encourages the colleges to undergo skill development courses with certification through a unified platform namely, Naan Mudhalvan Scheme by the Government of Tamilnadu. The college has an effective plan to offer skilling courses through online and distance mode.

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

India being a diverse country it is important to preserve the culture and language. Professional students don't get opportunity to learn regional languages once they enter college life as the requirement of these languages is not mandatory in the work environment of an engineering graduates. As per NEP 2020 guidelines in order to preserve the language and culture our institution decided to include the course Heritage of Tamil and Tamil and Technology. The college integrates the knowledge system of the Tamil language and the rich cultural heritage available among the ancient Tamil with the curriculum. As the geographic location of our institution is in rural area, the students from rural background enroll. To support these students, classes are conducted in bilingual (i.e., English and mother tongue) mode. "MuthamizhKalaiMandram"-A Club for three branches of Tamil literature, music & poetry and drama, is available in our institution to promote the aspects of Tamil culture and tradition. In this club various events will be conducted to promote literary ability, poem reciting, singing in Tamil language, drama and oration. This club helps the students to develop their knowledge and skills in their mother tongue. The college has planned to conduct few programs in Tamil language also as per NEP 2020 guidelines

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

The college follows OBE approach which is a continuous process of education wherein the curriculum, teaching and learning strategies, and assessment tools are improved continuously. The College adapts OBE learning process in four steps.

1. Plan (Syllabus Writing/Review)-The Course Learning Outcomes are aligned with the ELGA, PEO and Student Outcomes. The syllabi reflect strategies (learning plan) for achieving the outcomes, as well as for measuring the outcomes assessment)

2. Implement (Course Delivery)-Carry out the learning plan and strategies planned for producing the outcomes

3. Measure / Assess (Assessment) -Carry out the strategies planned for measuring the learning outcomes and objectives. Collect the data and analyze it to determine the results. (Assessment Phase). This phase is where feedback is obtained.

4. Respond / Improve (Continuous Quality Improvement) -The college determines the needs to be changed to make improvements. These changes are the basis of new or revised outcomes and objectives for the next cycle of the process.

The statements of learning are framed at the Institute level in the form of Institutional Vision and Mission. The Department level Vision and Mission statements are derived from the Institutional Vision and Mission statements. At the programme level Programme Educational Objectives and Programme Outcomes and Course Outcomes are framed. The Program Educational Objectives, Program Outcomes and Course Outcomes are related to the skills, knowledge and behaviors that students should acquire as they progress through the program. The faculty members are motivated to design curricula, teaching methodology, assessment pattern such that the higher order cognitive skills and abilities are mapped to the Program Outcomes and Course Outcomes. For better attainment of outcomes, various innovative teaching methodologies are used. These outcomes are measured by the attainment of knowledge and skills acquired by the students during the course/program. The College/Program analyzes the attainment and makes suitable corrective action for improvement. This process is cyclically followed to enhance the quality of the institution and the program. The IQAC cell of the college monitors the implementation of OBE process in the college.

## **20.Distance education/online education:**

The institution has excellent infrastructure facility to offer online and distance education with 1Gbps internet connectivity. In the COVID-19 pandemic situation, the institution provided virtual learning to the students. ZOOM, Google Classroom, Microsoft Teams, Google Meet are used to connect the students for online learning. Even after Pandemic situation the college follows blended learning which enhances the learning ability of the students. The faculty members are encouraged to prepare online materials like video, quiz, assessment etc., in order to encourage hyflex / independent learning. The faculty members are trained to take classes in hybrid mode of education. The whole campus is WI-FI enabled and all classrooms support hybrid learning. The college provides e-governance through ERP software, Flair throughout the campus including teaching learning process. The library material can be accessed online through an exclusive webpage developed by the library. The college facilitates online learning through MOOC, SWAYAM and other online learning platforms as per NEP 2020 guidelines. The college is fully equipped with the implementation of online and distance learning methods as per NEP 2020 guidelines.

## Extended Profile

### 1. Programme

1.1 18

Number of programmes offered during the year:

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

### 2. Student

2.1 4455

Total number of students during the year:

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

2.2 1102

Number of outgoing / final year students during the year:

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

2.3

**4378**

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

**712**

Number of courses in all programmes during the year:

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

3.2

**301**

Number of full-time teachers during the year:

| <b>Extended Profile</b>   |                           |
|---|---------------------------|
| <b>1.Programme</b>  |                           |
| 1.1<br>Number of programmes offered during the year:  | <b>18</b>                 |
| File Description  | Documents                 |
| Institutional Data in Prescribed Format   | <a href="#">View File</a> |
| <b>2.Student</b>  |                           |
| 2.1<br>Total number of students during the year:  | <b>4455</b>               |
| File Description  | Documents                 |
| Institutional data in Prescribed format   | <a href="#">View File</a> |
| 2.2<br>Number of outgoing / final year students during the year:  | <b>1102</b>               |
| File Description  | Documents                 |
| Institutional Data in Prescribed Format   | <a href="#">View File</a> |
| 2.3<br>Number of students who appeared for the examinations conducted by the institution during the year: | <b>4378</b>               |
| File Description  | Documents                 |
| Institutional Data in Prescribed Format   | <a href="#">View File</a> |
| <b>3.Academic</b>   |                           |
| 3.1<br>Number of courses in all programmes during the year:   | <b>712</b>                |
| File Description  | Documents                 |
| Institutional Data in Prescribed Format   | <a href="#">View File</a> |
| 3.2   | <b>301</b>                |



| Number of full-time teachers during the year:  |                           |  |
|--|---------------------------|--|
| File Description   | Documents                 |  |
| Institutional Data in Prescribed Format  | <a href="#">View File</a> |  |
| 3.3  | 301                       |  |
| Number of sanctioned posts for the year:   |                           |  |
| <b>4.Institution</b>   |                           |  |
| 4.1  | 890                       |  |
| Number of seats earmarked for reserved categories as per GOI/State Government during the year: |                           |  |
| 4.2  | 93                        |  |
| Total number of Classrooms and Seminar halls   |                           |  |
| 4.3  | 1292                      |  |
| Total number of computers on campus for academic purposes                                      |                           |  |
| 4.4  | 2139.68                   |  |
| 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 Program Curriculum is developed to achieve the Vision, Mission of the Institute, Program Educational Objectives, Program Outcomes, Program Specific Outcomes. Technology Forecast, Statutory Body Guidelines, Parent University curriculum and Stakeholders' feedback are analysed in the Program Assessment Committee. These inputs provide the framework to analyze the relevance of the curriculum to the local, regional, national, and global developmental needs with learning objectives.

Relevant courses are identified and draft curriculum is designed in the PAC meeting. Program Articulation Matrix is developed by mapping the courses with POs and PSOs to identify curriculum gap. Course articulation matrix is formed to identify the gap in the syllabi. Curriculum is further refined in PAC. The suggestions of the Department Advisory Board and the Board of Studies are incorporated to refine the curriculum and syllabus. The Academic Council reviews and approves the curriculum of various programs.

Choice Based Credit System under Regulations 2015 is introduced and followed under Regulations 2019 and 2021 to facilitate the experience of Inter-disciplinary, Multi-Disciplinary courses, Open Electives (Verticals) that are Electives from all programs, Internships, Online Courses, Self-learning Electives, Certification Programs, Skill and Personality Development Courses. Students can choose their own course and acquire knowledge to meet societal needs. Skill and Personality development courses inculcate their responsibility towards the societal needs through various club activities

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload additional information, if any | <a href="#">View File</a>   |
| Link for additional information       | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C1/1.1.1%20LINK%20FINAL.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C1/1.1.1%20LINK%20FINAL.pdf</a> |

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

19

| 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

349

| 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

122

| 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

19

| 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 Institute takes efforts to integrate cross-cutting issues**

like Gender, Environment and Sustainability, Human Values, and Professional Ethics into the Curriculum. The Curriculum of various programs offers courses relevant to these issues. The course on Gender Equality is offered as a mandatory course to all UG programs with the aim of building an engineering society in which Men and Women will have equal opportunities, responsibilities, and rights in the workplace. The gender issues faced by the womenfolk and women rights are discussed to create awareness among students. Environmental Science course is offered as a mandatory course to encourage them to find the solution to protect the environment and its sustainability. To inculcate professional ethics and human values among students, 'Professional Ethics and human Values' are offered as mandatory courses. The soft skills course is offered to impart life skills to all. All the students are asked to address these cross-cutting issues in their project work, to offer solutions with a consciousness of these issues, and to use their innovative ideas with imaginative and logical thinking in solving the issues. Students participate in the field visits, Internships to expose to the environmental issues related to their discipline.

| 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

21

| 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

1467

| 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**

2238

| 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://sethu.ac.in/curriculum-development/">https://sethu.ac.in/curriculum-development/</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://sethu.ac.in/curriculum-development/">https://sethu.ac.in/curriculum-development/</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

1174

| 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)

733

| 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.

Students enter with different school education streams which ultimately lead to the varied knowledge levels in the key subjects. . In order to improve their learning levels motivational programs, Induction Program and bridge courses are conducted.

Assessing learning levels: The performance of the students in Continuous Internal Examination (CIE) and Semester End Examination (SEE) is taken as the major input in identifying the

students as advanced learners and slow learners.

### Slow Learners

Special Remedial classes are organized for slow learners in addition to mentoring where the students can interact comfortably with the faculty to clarify their doubts. Question Bank and Tutorial Questions are provided to enhance their learning capabilities.

### Advanced Learners

Advanced learners are encouraged through participation in activities like paper presentation, Project contests, Publications and Internship. Through Career Guidance guest lectures, the students are motivated to appear for competitive exams. Extra credit courses are offered to enable the students to earn extra credits besides their regular credits in UG programmes. Massive Open Online Courses offered by SWAYAM, NPTEL, etc. are also recognised as extra credit courses.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C2/2.2.1%20link%20document.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C2/2.2.1%20link%20document.pdf</a> |

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

| Year       | Number of Students | Number of Teachers |
|------------|--------------------|--------------------|
| 31/07/2023 | 4455               | 301                |

| 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:

Student-centric learning is characterized by innovative teaching methods in which students are the active participants. It aims

at fostering transferable skills such as problem-solving, critical thinking and reflective thinking through communication with teachers and fellow students. The following student-centric learning approaches are followed.

#### Experiential Learning

It is an engaging learning process whereby students "learn by doing" and by reflecting on the experience to develop their knowledge, skills and values from direct experience.

- Lab Demonstration
- Field work / Industrial visit
- Association Activities

#### Participative Learning

. It offers possibilities for students to acquire professional values, knowledge, and skills. Students are engaged to take part in the many learning opportunities the college offers.

- Group Assignments
- Flipped Classroom
- Think Pair Share
- Seminars/ workshops
- Group discussions

#### Problem Solving Methodologies

In order to provide problem solving skills the course teachers are asked to design suitable problems of the society and the students are trained to solve such problems. In addition to this the students solve real life problems through project work, Mini project and generate innovative ideas. The following are the courses in which the students are trained to use various problem solving methodologies.

- Project work



- Mini Project
- Innovation Activities

| File Description                  | Documents   |
|-----------------------------------|---|
| Upload any additional information | <a href="#">View File</a>   |
| Link for additional Information   | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C2/2.3.1%20Link%20for%20Additional%20Information.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C2/2.3.1%20Link%20for%20Additional%20Information.pdf</a> |

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

The Institution encourages the faculty members to employ ICT technologies for effective teaching.

- ICT enabled classrooms facilitated with LCD projectors and Internet access are established in each department to supplement the conventional black board teaching method
- The College provides high-speed internet connectivity to the students for quick access to educational resources
- The College has a digital library and it serves as a supplementary learning resource containing e-journal packages and e-books which allow the students and faculty members to update their knowledge.
- Video lectures are employed in teaching to enhance the understanding for the students and for effective teaching.
- Students are encouraged to enroll in various online courses under MOOC.
- Students can earn extra credits through Massive Open Online Courses offered by SWAYAM, NPTEL, etc.
- Innovative teaching methodologies using ICT tools are followed by the faculty members to ensure the attainment of learning objectives.

- The faculty members regularly use ICT tools for conducting Quiz using various platforms.

Webinars, workshops and conferences are conducted using ICT technologies and the students participate in these programs. The faculty members also upload the course materials on the internet for the benefit of the students.

| File Description   | Documents   |
|--|---|
| Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process | <a href="https://sethu.ac.in/ict-tools/">https://sethu.ac.in/ict-tools/</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

283

| 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

The Academic Calendar is prepared by a Committee constituted by the Principal. The Committee consists of Vice Principal, Controller of Examinations and one Head of the Department. The Committee prepares Institute Academic calendar as per statutory bodies and the University. The Academic Calendar consists of a detailed academic plan including the dates of commencement of classes, schedule of internal assessment tests, academic events, number of working days, last working days, commencement of End Semester Examinations, list of holidays etc. After the publication of Institute academic calendar each department prepares their respective Department Academic calendar which includes Events conducted by the departments.

## Timetables

- The class time table is prepared by the committee constituted by the Principal and the Time table Coordinator coordinates with the departments, allots slots for common subjects and guides the committee to prepare department wise Time table. The Department timetable is prepared and circulated to the faculty members and students. The Time table is displayed in the department and class-room notice boards.

## Teaching Plans

Course teachers prepare Instructional System Design for each course which contains the following:

- Syllabus
- Objectives
- Course outcomes
- Unit/Topic-wise coverage schedule
- Modes of delivery
- Content beyond syllabus
- Innovative teaching methods to be employed
- Concept mapping
- Assessment Plan

| 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

301

| 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

90

| 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)

8

| 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

15.5

| 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

39

| 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 Controller of Examinations (CoE) office has adopted student centric and transparent practices. Continuous efforts are made to improve the examination procedures, IT integration in the examination management systems and continuous internal assessment system.

#### Examination Procedure

The College adopts Outcome Based Education (OBE). The Question papers are set by external and internal experts in accordance with the desired outcomes of the respective courses. The question papers are scrutinized by the respective external and internal subject experts.

#### Reform on Examination Procedure:

The question papers of semester examinations are subjected to academic audit by experts from higher learning institutions in order to identify the scope for improvement in the standard of questions.

## Examination Process including IT Integration

The examination process is efficiently integrated with the IT systems. The institution has dedicated software for academic and examination processes.

Processes integrated with IT solutions:

- Course registration
- Continuous internal assessments (CIA)
- Examination fees payment
- Hall ticket generation
- Answer script evaluation process
- Result processing
- Revaluation process
- Grade sheet printing
- Consolidate grade sheet printing

## Continuous Internal Assessment System

Continuous Internal Assessment components are designed in such a way that the faculty can monitor the students learning & development and intervene wherever required.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C2/2.5.3%20IT%20Integration-Additional%20Information_-1.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C2/2.5.3%20IT%20Integration-Additional%20Information_-1.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 Programme Outcomes (POs) are defined based on the Graduate Attributes. Each Programme stipulates the POs that their graduates should possess at the end of their program. POs and Course Outcomes (COs) are framed based on the previous year attainment, feedback and the knowledge and skills required for the students on three domains of learning. The college also follows taxonomies like Blooms Taxonomy.

Similarly, the PSOs are also framed by the respective Programs. COs are also framed in accordance with the POs and PSOs and also considering the feedback of the stakeholders. Each Programme has twelve POs and 2 PSOs. Each course has six COs .The POs, PSOs and COs are clearly stated and displayed in the departments.

Display of Programme Outcomes and Course Outcomes:

- The POs, PSOs and COs are published in the website for disseminating the statements
- The students are briefed about the POs, PSOs and COs at the beginning of the semester in the classes.
- The statements are displayed in the HoD cabin, Department Notice board, Classrooms, laboratories and common places
- The POs, PSOs and COs are published in all the academic publications of the Programme like the Curriculum and Syllabus book, Instructional System Design and Lab Manuals.

| 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://naac.sethu.ac.in/AQAR%202022-2023/C2/2.6.1%20Link.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C2/2.6.1%20Link.pdf</a> |

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

### Course Outcome Attainment

- The Course Outcomes are mapped with the respective assessment tools like tests, assignment, seminar, Mini Project, lab exercise, case study and end semester exam questions.
- The evaluation of attainment of COs is done based on the performance of the students in the mapped assessments in the Continuous Internal Examinations (CIE) and the
- The Program level CO attainment is analysed by the Program Assessment Committee (PAC), DAB, BOS and IQAC. The members of these forums also give further suggestions for improving CO Attainments.

### Programme Outcome Attainment

- The attainment of POs and PSOs has two components i) Direct Assessment and ii) Indirect Assessment
- The direct assessment of the POs & PSOs is based on the attainment of the respective mapped course outcomes.
- The indirect assessment of the Program Outcomes consists of the Feedback from the graduating students, the achievements in the student portfolio, feedback from the Employer and the performance of the students in the competitive Exams.
- The Program level PO attainment is analysed by the Program Assessment Committee (PAC), DAB, BOS and IQAC. The members of these forums also give further suggestions for improving PO Attainments.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C2/2.6.2%20Process%20co,Po%20link.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C2/2.6.2%20Process%20co,Po%20link.pdf</a> |



| <b>2.6.3 - Pass Percentage of students</b>   |   |
|--|---|
| <b>2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution</b>   |   |
| 1102   |   |
| 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://naac.sethu.ac.in/AOAR%202022-2023/C2/2.6.3%20Annual%20Report%20Scanned.pdf">https://naac.sethu.ac.in/AOAR%202022-2023/C2/2.6.3%20Annual%20Report%20Scanned.pdf</a> |
| <b>2.7 - Student Satisfaction Survey</b>   |   |
| <b>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</b>   |   |
| <a href="https://sethu.ac.in/wp-content/uploads/2024/03/SSS-2022-23.pdf">https://sethu.ac.in/wp-content/uploads/2024/03/SSS-2022-23.pdf</a>  |   |
| <b>RESEARCH, INNOVATIONS AND EXTENSION</b>   |   |
| <b>3.1 - Promotion of Research and Facilities</b>  |   |
| 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   |   |
| <p>Research and Development is an important aspect of the College, Sethu Institute of Technology is dedicated to updating research facilities often in accordance with the requirements. In order to realise the institution's purpose, the Institute supports staff and students who wish to do research by encouraging and assisting them in doing so. To oversee the research efforts, the Institute has a research committee. The objectives of the R and D cell are:</p> <ul style="list-style-type: none"> <li>• To promote research that is relevant to the nation and the region.</li> <li>• To improve and support existing and evolving research strengths</li> <li>• To promote multidisciplinary Research</li> </ul> |   |

- To provide a suitable enabling research environment and infrastructure.
- To apply qualitative as well as quantitative research techniques to enhance knowledge, capability of students and faculty in relatively unexposed areas.
- To establish research partnerships with Government, Industry and other Universities

To systematically promote an innovation culture among students, the Institute Innovation Cell (SITIIC), Sethu Research and Innovation Centre (SIRC) and Sethu Incubation Centre (SIC) have been established to systematically foster the culture of innovation among the students. Its prime objective is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes. The Institute conducts regular programs to nurture innovative culture among the faculty and students.

Research Promotion Policy, Start-up Innovation and IPR Policy, and other policies are created to support research and uphold research ethics among the academic and research community.

| 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://sethu.ac.in/research-promotion-policy/">https://sethu.ac.in/research-promotion-policy/</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)

2277000

| 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

0

| File Description  | Documents                 |
|---|---------------------------|
| e-copies of the award letters of the teachers                     | No File Uploaded          |
| List of teachers and details of their international fellowship(s) | <a href="#">View File</a> |
| Any additional information  | No File Uploaded          |

### 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)

78.7

| 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

36

| File Description                          | Documents   |
|---|---|
| Upload any additional information         | <a href="#">View File</a>   |
| Paste link for additional Information     | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C3/3.2.2_Paste%20link%20for%20additional%20information%20Ecopies%20of%20projects.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C3/3.2.2_Paste%20link%20for%20additional%20information%20Ecopies%20of%20projects.pdf</a> |
| List of research projects during the year | <a href="#">View File</a>   |

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

30

| 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**

8

| File Description                          | Documents   |
|---|---|
| Supporting document from Funding Agencies | <a href="#">View File</a>   |
| Paste link to funding agencies' website   | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C3/3.2.4_Supporting%20document%20from%20funding%20agency.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C3/3.2.4_Supporting%20document%20from%20funding%20agency.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.

Sethu Institute of Technology have been established Sethu Research and Innovation Centre (SRIC), Sethu Incubation Centre (SIC) and Innovation Council (IIC) to promote innovative culture among the students and faculty members by conducting various programmes and contests and maintains Innovation Ecosystem in the College. Our College received Rs. 26.9 Lakhs for 12 innovative idea project through EDII -IVP Program. Our students have also actively participated in the H-Social Creator Award Contest and were awarded with the project grant of Rs.15 Lakhs for their innovative project. In SIH 2022 the student teams won first prize in software edition and runner up award in hardware edition. Our student has also won Dr.Kalam Young Acheiver Award contest organized by World Youth Federation. In the academic year 2022-2023, our college has sanctioned 126.75 Lakhs for the Idea proposals under the incubation component of MSME 2.0 Innovative Scheme (Incubation, Design & IPR) of MSME champion scheme. We have also initiated an Agri-startup, SMJ Smart products pvt Ltd, received a Grant-in-Aid of Rs.25 Lakhs under RKVY-RAFTAAR scheme. Our College effectively maintains the Innovation Ecosystem, by motivating the students and faculty to carryout innovative projects, providing ample facilities to carry out innovative projects and facilitating to carry out innovative projects for socially related issues.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C3/3.3/3.3.1%20Link%20for%20Additional%20Information.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C3/3.3/3.3.1%20Link%20for%20Additional%20Information.pdf</a> |

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

85

| 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

|   |                              |
|---|------------------------------|
| <b>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</b> | <b>B. Any 3 of the above</b> |
|---|------------------------------|

| 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**

**4**

| File Description   | Documents   |
|--|---|
| URL to the research page on HEI website  | <a href="https://sethu.ac.in/research-scholars/">https://sethu.ac.in/research-scholars/</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**

**134**

|  |
|--|
|  |
|--|

| 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

9

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://naac.sethu.ac.in/AOAR%202022-2023/C3/3.4.4%20Book%20chapter%20Additional%20information.pdf">https://naac.sethu.ac.in/AOAR%202022-2023/C3/3.4.4%20Book%20chapter Additional%20information.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

11998

| 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

49

| 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> |

| <b>3.5 - Consultancy</b>  |                           |
|---|---------------------------|
| <b>3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)</b>   |                           |
| 11  |                           |
| 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> |
| <b>3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year</b>  |                           |
| 0   |                           |
| 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   | No File Uploaded          |
| List of facilities and staff available for undertaking consultancy  | No File Uploaded          |
| Any additional information  | No File Uploaded          |
| <b>3.6 - Extension Activities</b>   |                           |
| <b>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</b>   |                           |
| The college's extension activities, facilitated through clubs like NSS, Initiative Club, Rotaract Club, Youth Red Cross, Yi Yuva Club, ECO Club, Red Ribbon Club, and Women Empowerment Cell, play a pivotal role in sensitizing students to social |                           |



issues and fostering holistic development. NSS engages in Swachh Bharath initiatives, tree plantations, and awareness campaigns, instilling a sense of responsibility, leadership skills, and self-confidence. Departments contribute by organizing programs on health, hygiene, road safety, and more. These initiatives bridge the gap between the college and the community, fostering responsible citizenship. Activities such as eye checkups, blood donation camps, and disaster management sensitize students to health, safety, and rural development. Programs on constitutional rights empower students to advocate for India's constitution, contributing to their role as socially responsible citizens. Entrepreneurship-related activities by the EDC inspire innovative thinking and encourage students to transform ideas into startups, promoting a culture of innovation and enterprise. Overall, these activities positively impact students, nurturing their understanding of social issues and contributing to their well-rounded development.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C3/3.6.1%20Paste%20link%20for%20additional%20information.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C3/3.6.1%20Paste%20link%20for%20additional%20information.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

3

| 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)

23

| 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

23

| 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

865

| 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)

15

| 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 Institution started in 1995 at Pulloor village, Kariapatti -Taluk, Virudhunagar - District, Tamilnadu on the National Highway (NH 38). The campus is spread over an extent of 132.15 acres with a built-up area of about 51417.29 Sq m with state of the art buildings, classrooms, laboratories, auditorium, and library. The college is easily accessible through road, rail, and airways from Madurai. All building zones are well connected by bituminous roads. All departments and building sections are functioning in separate blocks with complete adequate facilities. Each department has a sufficient number of classrooms, department library, and laboratories with well-conditioned instruments and equipment to conduct the practical classes. The college has a sufficient number of well-equipped and ventilated study rooms & common rooms, an air-conditioned auditorium with a seating capacity of 600 people with centralized ACs, and seminars that provide a perfect learning ambiance. The college has an air-conditioned conference hall utilized for conducting Governing Council, Academic Council, and other meetings such as HODs meetings and special meetings. All departments and sections are well connected by communication systems of landlines, intercoms, Broadband systems, Wi-Fi, mobile phones, fax, and mail for faster communication.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C4/4.1.3/4.1.1-Link%20for%20additional%20information.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C4/4.1.3/4.1.1-Link%20for%20additional%20information.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 has established a department of physical education insports village with 9 acres of grounds and buildings for different games; it has been functioning under experienced, skilful and doctorate Physical Director to train the students to identity advancement, solidarity and administration

characteristics among students.

#### Yoga Centre:

Yoga, Prayer and Meditations halls are provided in ladies and gents hostel to develop a healthy life and a sound body. Yoga helps the students to perform well in their Academic endeavours. The college celebrates International Yoga day regularly on the day.

#### Cultural Activities:

An intra-collegiate cultural competition is regularly organized by the Fine Art club in which more than 900 students participate. The other events which are organized by the club including Rangoli, Mehandi, Cartooning, Paint the face, Art from waste, Dance, Orchestra, Elocution, Recitation, Tamil and English Verse writing and Skit. The SIT orchestra is a feather in the cap of the Fine Art Club. The college auditorium namely "Pavendhar Bharathidhasan Arangam" with a seating capacity of 600 is available for organizing cultural programmes. Besides, major cultural events are organized in the Open Air Theatre which has a seating capacity of 3500.

| 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://naac.sethu.ac.in/AQAR%202022-2023/C4/4.1.3/4.1.2%20SPORTS%20BOOK.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C4/4.1.3/4.1.2%20SPORTS%20BOOK.pdf</a> |

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

93

| 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)****401.48**

| 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)**

The Central Library provides excellent service such as books, journals, e-books, e-journals, Magazines, newspapers with proper seating and reading facility and high-speed WI-FI facility to all Students and faculty members. The college has MODERNLIB software installed in 2002, which is an Integrated Library Management System (ILMS). It is popular and advanced Integrated Library Automation Management software, versatile, user-friendly, cost-effective and multi-user library automation software. MODERNLIB is a Windows based software package for library automation has three modules in the system

MODERNLIB is popular and advanced Integrated Library Automation Management software, versatile, user-friendly, cost-effective and multi-user library automation software.

MODERNLIB is a windows based software package for library automation. Three modules are available in the system

- Library Management Module (used by librarian and assistance)
- Library Circulation Module (used by librarian and assistance)
- Student Search And Inquiry Module (used by student and staff)

Software Details:

S.No

Name of the ILMS Software

Nature of automation (Fully or Partially)

Version

Year

1

MODERNLIB

Full

2016

2002

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C4/4.2.1-Paste%20Link%20Additional%20Information%20final.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C4/4.2.1-Paste%20Link%20Additional%20Information%20final.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)****2.26**

| 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****222**

| 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

The College has a dedicated team for SNA. Understanding the demands of faculty and students to use digital media for their research, teaching & learning process, 1 Gbps of internet bandwidth is made available through Internet service providers. Further, the entire faculty, students, staff, departments, authorized visitors and others who may be granted permission to use the IT Infrastructure, and must comply with the guidelines. The System and Network Administration team has enabled the "SOPHOS XG430 firewall" for IP NAT, DMZ, Port blocking, Gateway Anti-virus, Gateway Anti-spam, web and application filtering. Backup procedures have been established and carried out on the college servers to handle risk of information loss. Defender was updated every year to prevent the virus attack on systems. Proper infrastructure (Dedicated Space, Air-conditioners) has been provided for IT Infrastructure. Microsoft Campus Agreement is being renewed for each academic year. Windows Base License is available for all the machines with windows operating system New

Mobile app was introduced in 2019 for student exam schedule and seating arrangement. 18 centralized servers and individual department servers are maintained.. Our Computer network is built on CISCO switching platform with backbone running on 10 Giga at present.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C4/4.3.1%20Link%20for%20Additional%20information.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C4/4.3.1%20Link%20for%20Additional%20information.pdf</a> |

#### 4.3.2 - Student - Computer ratio

| Number of Students | Number of Computers |
|--------------------|---------------------|
| 4455               | 1292                |

| 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. 250 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: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

B. Any three of the above



| File Description   | Documents   |
|--|---|
| Upload any additional information                            | <a href="#">View File</a>   |
| Paste link for additional information                        | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C4/4.1.3/4.3.4%20Link%20Facilities%20available%20for%20e-content%20development.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C4/4.1.3/4.3.4%20Link%20Facilities%20available%20for%20e-content%20development.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)

794.62

| 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.

1. The College buildings are maintained by the Estate Office and it is monitored by the HoD of the department of Civil Engineering.
2. The College electrical Installations and water lines are maintained by the Electrical Section of the College and it is monitored by the HoD of Electrical and Electronics Engineering.
3. The College vehicles are maintained by the Transport section of the College and the repairs of the vehicles are outsourced, whenever necessary
4. Keeping department wise stock register by the concerned laboratory-in-charge under the observation of the Head of the Department.
5. Department wise annual stock verification is done by a Committee formed by the Principal.
6. Regular maintenance of laboratory equipment and chemicals are done by laboratory-in-charge of the concerned

Laboratory.

7. Overall Cleanliness of the campus is done by the Housekeeping Section of the college.
8. Regular cleaning of water tanks, proper garbage disposal, pest control, landscaping, and maintenance of lawns are done by the college Housekeeping Section and Gardening Staff.
9. College campus maintenance is monitored through regular inspection.
10. To upkeep all facilities and cleanliness of environment in hostels, through Housekeeping Section and Estate Office.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://sethu.ac.in/wp-content/uploads/2023/12/Maintenance-policy.pdf">https://sethu.ac.in/wp-content/uploads/2023/12/Maintenance-policy.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

2739

| 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

695

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

| <p><b>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</b></p>   | <p><b>A. All of the above</b></p>   |           |                               |   |  |                           |                            |                           |  |
|---|---|-----------|-------------------------------|---|--|---------------------------|----------------------------|---------------------------|--|
| <table border="1"> <thead> <tr> <th data-bbox="86 486 523 548">File Description</th> <th data-bbox="523 486 1394 548">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 548 523 698">Link to Institutional website</td> <td data-bbox="523 548 1394 698"><a href="https://naac.sethu.ac.in/AQAR%202022-2023/C5/5.1.3.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C5/5.1.3.pdf</a></td> </tr> <tr> <td data-bbox="86 698 523 801">Details of capability development and schemes</td> <td data-bbox="523 698 1394 801"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="86 801 523 869">Any additional information</td> <td data-bbox="523 801 1394 869"><a href="#">View File</a></td> </tr> </tbody> </table> | File Description  | Documents | Link to Institutional website | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C5/5.1.3.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C5/5.1.3.pdf</a> | Details of capability development and schemes  | <a href="#">View File</a> | Any additional information | <a href="#">View File</a> |  |
| File Description  | Documents   |           |                               |   |  |                           |                            |                           |  |
| Link to Institutional website   | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C5/5.1.3.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C5/5.1.3.pdf</a> |           |                               |   |  |                           |                            |                           |  |
| Details of capability development and schemes   | <a href="#">View File</a>   |           |                               |   |  |                           |                            |                           |  |
| Any additional information  | <a href="#">View File</a>   |           |                               |   |  |                           |                            |                           |  |
| <p><b>5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year</b></p>   |   |           |                               |   |  |                           |                            |                           |  |
| <p><b>510</b></p>   |   |           |                               |   |  |                           |                            |                           |  |
| <table border="1"> <thead> <tr> <th data-bbox="86 1075 523 1137">File Description</th> <th data-bbox="523 1075 1394 1137">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 1137 523 1205">Any additional information</td> <td data-bbox="523 1137 1394 1205"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="86 1205 523 1424">Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)</td> <td data-bbox="523 1205 1394 1424"><a href="#">View File</a></td> </tr> </tbody> </table>   | File Description  | Documents | Any additional information    | <a href="#">View File</a>   | Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template) | <a href="#">View File</a> |                            |                           |  |
| File Description  | Documents   |           |                               |   |  |                           |                            |                           |  |
| Any additional information  | <a href="#">View File</a>   |           |                               |   |  |                           |                            |                           |  |
| Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)  | <a href="#">View File</a>   |           |                               |   |  |                           |                            |                           |  |
| <p><b>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</b></p>  | <p><b>A. All of the above</b></p>   |           |                               |   |  |                           |                            |                           |  |

| 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

510

| 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

36

| 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

17

| 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

49

| 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

The College involves the student bodies to get their suggestions on academic and administrative matters.

The college has a Student Association in each department. Every association consists of a secretary, joint secretary, Treasurer, Office bearers, and committee members guided by the faculty in-charge of the departments. Also, the academic and administrative bodies of the college have student representatives to enhance the traits of decision-making and leadership.

The Internal Quality Assurance Cell (IQAC) coordinates the quality assurance activities of the college. It has representation of students and alumni in addition to the Heads of the Departments.

The student volunteers of the NSS aim at developing student personalities through community services like blood donation, special camps, awareness programs, planting tree saplings, etc.

The college has several clubs in which the students actively participate in various programs. The student representatives of the clubs organize extracurricular, cultural and social related activities.

The student representatives of the Student Welfare Committee provide suggestions on various issues at the college, including infrastructure, co-curricular, and extra-curricular and support services. The Student Welfare Committee regularly meets and the Principal is the convener of the committee. The suggestions given by the students are properly addressed.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://naac.sethu.ac.in/AOAR%202022-2023/C5/5.3.2%20link.pdf">https://naac.sethu.ac.in/AOAR%202022-2023/C5/5.3.2%20link.pdf</a> |

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

26

| 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

Sethu Institute of Technology, founded in 1995, is an autonomous institution affiliated with Anna University in Chennai and recognized by the All India Council for Technical Education (AICTE) in New Delhi. The first batch of students graduated from the College in 1999. Since then, approximately 25000 graduates have obtained degrees in various fields of Engineering and Technology and have gone on to hold prestigious positions in various organizations around the world. Alumni support students through interaction, financial assistance, guidance, and placement. The Sethu Institute of Technology Alumni Association (SITAA) flourished under the leadership of Founder and Chairman Mr. S. Mohamed Jaleel, and the Association now has chapters in Chennai, the UAE, and Bangalore. The Alumni Association organises regular nostalgic gatherings of members at various

locations throughout India and other countries. The association organises and coordinates alumni reunions, allowing alumni to express their gratitude to their alma mater. The Alumni Association seeks to foster a mutually beneficial relationship between the Institute and its graduates.

The Alumni members extend their support through:

- Acting as members in the Department Advisory Board, Board of Studies, Academic Council, Internal Quality Assurance Cell, etc.
- Helping the College to get permission for industrial visits in their organization.
- Organizing on campus & off campus placement programs for the students with the coordination of alumni.
- Delivering Guest lectures to the students
- Each department separately conducts meetings with their alumni members.
- Alumni are invited as Chief Guests for symposiums and various events conducted in the department.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C5/5.4.1%20Alumni%2022-23.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C5/5.4.1%20Alumni%2022-23.pdf</a> |

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

**E. <2 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

#### **Vision of the College**

**To promote excellence in the technical education and scientific research for the benefit of the society**

**Mission of the College**

- To provide quality technical education to fulfill the aspiration of the student and to meet the needs of the Industry
- To provide holistic learning ambience
- To impart skills leading to employability and entrepreneurship
- To establish effective linkage with Industries
- To promote Research and Development activities
- To offer services for the development of society through Education and Technology

**Nature of Governance**

- The Institute follows the guidelines from UGC, AICTE, Anna University and IQAC norms.
- A Governing Council formulated with members from The Management, nominees from AICTE, UGC, DOTE, State Govt., Industry professionals and convened by the principal.
- Development of various policy decisions were done through Academic Council and percolated through Board of Studies, HOD's meetings and Department Meetings.

**Perspective plan**

Governing Council of the Institution takes the planning and execution of various activities. The policy statements for attaining the Vision of the Institution, Meetings with stakeholders conducted periodically to obtain their feedback for action plans.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://sethu.ac.in/vision-mission/">https://sethu.ac.in/vision-mission/</a> |

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

Activities within the campus are categorized as Academic, Planning, Industry relations, R&D, Accreditation, Placement Training, Science & Humanities, and Alumni.



**Administrative Autonomy** -Administrative autonomy is decentralized to the Principal, Deans, HoDs, Administrative Officer, and heads of various committees as described below for better governance.

**IQAC Autonomy** -IQAC Coordinator has the autonomy to make modification and systematize the efforts and measures towards academic excellence

**Financial Autonomy** -Finance committee constituted is given autonomy to take decisions related to planning, implementation, and management of all financial resources

**Academic Autonomy** -The BoS, Academic Council and DAB are empowered to design and implement the curriculum, syllabi and assessments.

**Examination Autonomy** -Controller of Examinations is responsible for the announcement of Examination Time Table, Preparation of Question Papers, Conduct of End Semester Examinations, Evaluation of Answer Scripts and Declaration of results and Issuing of Grade Sheets.

**Participative Management:**

This is encouraged by including faculty members in the statutory bodies such as Governing Council, Academic Council, Finance Committee, Board of Studies, Disciplinary Committee, Anti Ragging Committee and committees. Course monitoring committee monitors the teaching learning process and activities. A number of Clubs with Student centric activities are also functioning in the campus.

| 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://naac.sethu.ac.in/AQAR%202022-2023/C6/6.1/6.1.2/Link%20for%20strategic%20plan/6.1.2Strategic%20plan%202022-2027%20final.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C6/6.1/6.1.2/Link%20for%20strategic%20plan/6.1.2Strategic%20plan%202022-2027%20final.pdf</a> |

## 6.2 - Strategy Development and Deployment

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

### Promoting Research and Innovation

- Based on the analysis and deliberations, a strategic plan (2022-2027), the institutional Strategic plan has been clearly expressed and implemented, Growth Pattern and Present Status has been devised considering and Promoting multidisciplinary research.
- Higher education is constantly changing and looking for innovative educational solutions in order to increase the level of the student's knowledge and skills. As an important part of this set of educational policies, a new process is emerging for the ideation, planning and implementation of multidisciplinary case studies for students with the aim of developing their knowledge, meaning learning, skills and abilities that necessary for a more complete picture of the problems. Students interested in working in a complete practice with other students replace the individual activities of each area of knowledge. The design of this methodology with an evaluation system implies students receive a significant percentage of their continuous evaluation.
- The accomplishment of plans will be evident through Publications, R & D projects etc. 28 Number of sponsored R&D projects is increased after strategic planning. A sum of Rs. 1,62,35,000 Crores were received as grant from various funding agencies. Seed money proposals will be sanctioned for deserving research projects.

| File Description                                       | Documents   |
|--|---|
| Strategic Plan and deployment documents on the website | <a href="#">View File</a>   |
| Paste link for additional information                  | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C6/6.2/6.2.1/Link/6.2.1GCM%20Minutes%20highlighted.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C6/6.2/6.2.1/Link/6.2.1GCM%20Minutes%20highlighted.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.

Sethu Institute of Technology is a great possession. The Chairman and the Managing Trustees of the Institute interacts for framing directive principles and policies, amend and approve them from time to time and reviews the functioning of college. Management provides necessary funding to develop, maintain and improve the quality of infrastructure, faculty, teaching learning process and research. Chairman regularly have monthly meetings to discuss about the regular academic and administrative works that are carried out in the Institution. Principal is the authority for all academic related activities and regular administrative functions. He interacts with the management and raises proposals to provide the necessary resources to achieve the goals, vision and mission. The Head of Departments (HoDs) supports principal in implementing the policies and ensuring the achievement of the goals. Policy based activities related to affiliation, student affairs, planning, R&D, curriculum design, accreditation and ranking of the Institution. Hods are given autonomy in carrying out their academic functions. Different committees, cells and professional societies are actively functioning in the Institute with the active participation of faculty members.

| File Description                                    | Documents   |
|---|---|
| Paste link to Organogram on the institution webpage | <a href="https://sethu.ac.in/organogram/">https://sethu.ac.in/organogram/</a>   |
| Upload any additional information                   | <a href="#">View File</a>   |
| Paste link for additional Information               | <a href="https://naac.sethu.ac.in/AOAR%202022-2023/C6/6.2/6.2.2/Link/6.2.2%20Administrative%20chart.pdf">https://naac.sethu.ac.in/AOAR%202022-2023/C6/6.2/6.2.2/Link/6.2.2%20Administrative%20chart.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) Document                     | <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

The Institution strongly believes that the state of wholesome health and wealth of employees can reflect in their work efficiency and dedication. Hence, the Institution has taken up immense responsibility on taking care of their well-being and created possibilities for both the teaching and non-teaching staff. Faculty members and non-teaching staff avail medical facilities. All members of faculty and supporting staff were provided with group insurance facilities to support them at needy time Female staff and faculty can avail maternity leave for a period of six months.

#### Avenues

- Faculty members are provided with congenial work environment
- Faculty members are given free transportation facilities
- Faculty / staff can avail hostel within the campus
- Summer and Winter Vacations for faculty and staff members

#### Wealth

- Faculty / staff can avail salary advance if any necessity arises.

#### Career development

The Institution provides On Duty facility to faculty and supporting staff to undergo training programmes, attend seminars, symposia, conferences, workshops.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C6/6.3/6.3.1/Link/6.3.1HR-Manual..pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C6/6.3/6.3.1/Link/6.3.1HR-Manual..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**

8

| 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**

12

| 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.)**

129

| 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

Institution conducts internal and external financial audits regularly.

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year and to ensure financial compliance. Internal audit is conducted by the finance committee of the institution. External audit is conducted once in every year by an external agency.

#### Process of the internal audit

All vouchers are audited by the financial committee on yearly basis. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. The accounts are audited by chartered accountant regularly. Discrepancies during the audit are sorted out with the supporting documents.

#### Audit procedures

##### 1. Sources of Income Verification

Auditor cross verify the fee collections and scholarships with approved list of students Incomes with the receipts issued to the students. The Received Grants are checked.

##### 2. Expenses Vouching

The payment of vouchers are audited by Internal Auditors with relevant invoices and bills Correctness of revenue classification and capital expenses Salaries payment with the salary statements Checking of statutory dues payment like PF,

TDS, and ESI Based on the audited financial statements, auditor issues the report.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://sethu.ac.in/finance-3/">https://sethu.ac.in/finance-3/</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)

0

| 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

The Institution has well-defined financial structure to ensure effective and optimal utilization of resources for academic, administrative, development and maintenance purposes.

##### Fund mobilization

Broadly, major internal resource mobilization is in the form of Academic Receipts (Admission fee, tuition fee, examination fee, etc.,). Meanwhile, the external sources of finance are research grants, scholarships, consultancy, revenue collection in the form of deposits (loans from banks) etc., to meet expenses.

##### Fund allocation

During the budget preparation, all the academic, department heads are requested to provide the annual budget requirements keeping in view of development and updating of laboratories, consumables, computing facilities, library, teaching- learning process, training, extension activities, software and etc., Finance committee will meet to deliberate the proposal and makes

necessary changes for proper balance of receipts and expenditure.

#### Fund utilization

Financial Committee keeps track of the budget throughout the year and confirms adequate resources are spent for teaching-learning practices, salary and wages, library facilities, day-to-day operational and administrative expenses, maintenance charges, purchase / up-gradation of laboratories equipment, etc.,

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://naac.sethu.ac.in/AOAR%202022-2023/C6/6.4/6.4.3/Link/6.4.3Resource%20Mobilization%20Policy%20SIT.pdf">https://naac.sethu.ac.in/AOAR%202022-2023/C6/6.4/6.4.3/Link/6.4.3Resource%20Mobilization%20Policy SIT.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)

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)

Internal Quality Assurance Cell (IQAC) is established for the quality enhancement and sustenance of Academic improvements prescribed by the NAAC. IQAC has been an integral part in developing a system for conscious, consistent and catalytic improvement in the overall performance of the College. The IQAC is committed towards quality enhancement initiatives in higher education. It helps the institution in planning and monitoring. The IQAC takes various initiatives to ensure incremental improvements of quality and its sustenance in all events of academic activities such as,



- Teaching Learning Process - Outcome based Education
- Innovative and Modern Technologies in TLP
- Student skill development
- Training and Placement
- Career Guidance
- Submission of AQAR to NAAC
- SSR submission to NAAC & NBA Accreditation process
- Feedback analysis and Remedial measures

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C6/6.5/6.5.1/Link/6.5.1%20IQAC%20mom%20merged..pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C6/6.5/6.5.1/Link/6.5.1%20IQAC%20mom%20merged..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

#### Audit System

The primary responsibility of the Internal Quality Assurance Cell (IQAC) is to work towards the continuous improvement of quality and achieving academic excellence. This involves regular reviews of the existing processes, analysis of feedback received from the students, faculty, parents and different stakeholders for the developments of the Institution. IQAC believes that Academic Audit provides an opportunity for regular strategic overview of teaching learning process (TLP). The internal Academic Audit will be conducted by IQAC and analyze for key performance Index. IQAC suggests corrective measures and actions are carried out. IQAC is responsible for developing quality benchmark parameters for various academic activities of the institution.

The auditing comprises the following components:

#### Lesson plan/Time table

- Log book with CO/PO mappings
- Attainment levels of COs & POs
- Faculty Contributions (Publications, Patents, Conferences, workshop and symposiums)
- Students Skill Development activities
- Industrial visits / In plant training
- Professional Society Activities
- Mentor Register

The senior most faculties are assigned to conduct audit, faculties are provided with a copy of academic audit form and guidelines for the purpose of auditing. Audit committee report is sent to concerned department Heads for the action to be taken.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C6/6.5.2%20upload.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C6/6.5.2%20upload.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://sethu.ac.in/igac-aqar-report/">https://sethu.ac.in/igac-aqar-report/</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

Sethu Institute of Technology always motivates and ensures gender equality. The college always concentrates on students' qualitative performance along with their overall personality development. To achieve gender equality, the girls are provided with various facilities and special attention, thereby assuring the prominence of gender equality inside the organization and providing a standard for collective discussion and investigation. The college undertakes several measures to promote a culture of respect and equality for female gender and also to provide opportunities and programs for female gender to be financially, mentally and emotionally empowered. The institute gives equal opportunity that values diversity and recognizes the importance of supporting women in particular. The college ensures that there is fair and impartial treatment with students of both the genders and vigilant about maintaining the gender equity. The college takes care about the safety and security of all the students of the college. There are different committees in the college functioning for the development of all the students of the college. The following facilities were provided to women such as

- Safety and Security
- Counseling
- Common Room
- Day Care center for Kids

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://naac.sethu.ac.in/AQAR%202022-2023/C7/7.1.1%20additional%20info.pdf">https://naac.sethu.ac.in/AQAR%202022-2023/C7/7.1.1%20additional%20info.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 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)**

Sethu institute of technology is equipped with facilities for the management of degradable and non-degradable wastes generated in the campus. Institute is conscious about waste handling and ensured that waste is properly disposed and recycled.

#### **SOLID WASTE MANAGEMENT**

Awareness Rally are being organized by the volunteers of Eco Club and NSS to create awareness among the Students and staff and Faculty members to sensitize about solid waste management.

#### **LIQUID WASTE MANAGEMENT**

Waste water is treated by the fully automatic sewage treatment plant (STP) of 4 lakh Litres capacity using Fluidized Bed Bio Reactors (FBBR) with an investment of Rs.22.7 Lakhs established

#### **BIOMEDICAL WASTE MANAGEMENT**

Bio-Medical waste is subjected to various treatment methods such as local autoclaving, microwaving, incineration, Disinfection,

chemical treatment, shredding, deep burial and disposal in secured landfills.

**E-WASTE MANAGEMENT**

Old Computers, UPS and Printing systems are sent to scrap dealers for safe disposal based on the recommendations of the e-waste management committee.

**HAZARDOUS CHEMICALS AND RADIOACTIVE WASTE MANAGEMENT**

The Chemical containers are labeled with the name of the chemical hazard class, pictogram, hazards and information for safe handling further, safety data sheets and SIT-Chemical Safety Manual are kept in the laboratories for the safe handling of chemicals.

| 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:**

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

A. Any 4 or all of the above

| File Description  | Documents                 |
|---|---------------------------|
| Reports on environment and energy audits submitted by the auditing agency | <a href="#">View File</a> |
| Certification by the auditing agency                                      | <a href="#">View File</a> |
| Certificates of the awards received                                       | No File Uploaded          |
| 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**

A. Any 4 or all of the above

**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.**

| 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).

The college organizes and motivates the students to participate in events through various clubs to develop tolerance and harmony towards cultural, communal, socioeconomic diversities.

#### Gender inclusivity

Women Empowerment Cell conducts Guest lectures, special talks and gender inclusivity programs which guides them to face these upcoming challenges and problems courageously.

#### Social, Communal and Cultural inclusivity:

- Two units of the National Service scheme are actively functioning to promote social responsibilities, national integration and harmony.
- Through NSS and RRC, all national festivals are celebrated every year which focuses on communal and social inclusiveness by organizing Blood donation camps

- To promote communal inclusivity, all religious festivals are celebrated that provide an opportunity for students to respect and participate in events that are not their own.
- Fine arts club motivates students through cultural programs to develop talents in different forms of arts like music, dance, drama etc.

#### Economic inclusivity

- Awareness about scholarships, Education loan and educational development activities are given through the Administrative office.
- Charity box is placed at our college canteen sponsored by a private hospital for fund collection to meet medical expenses.
- Armed Forces Flag Day is celebrated through NSS and funds have been collected for the welfare of the defense people.

| 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:

Our College undertakes different initiatives by organizing various activities to sensitize students to the constitutional obligation through

1. Red Ribbon Club motivates and guides the student's community to extend their kind help towards developing healthy lifestyles, donating blood to all the needy by promotion of Regular voluntary blood donation.
2. The National Service Scheme provides the students an opportunity to understand the community, social and civic responsibilities.
3. To create awareness about the society Youth Red Cross



involve more than 300 volunteers for Social activities.

4. The Rotaract Club of SIT concentrates on main events based on professional, social, international and club service.
5. Yi Yuva Club organized programs for the younger generation on the topic "Youth of today- challenges and opportunities."
6. WEC conducts Guest lectures, special talks and gender inclusivity programs for all the women to ensure women rights and women safety.
7. Armed Forces Flag Day is celebrated through NSS and funds have been collected for the welfare of the defense people.

| 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

Our College celebrates and remembers the great sacrifices of our forefathers on

Independence Day, by hoisting the national flag followed by activities such as campus cleaning, tree planting etc.

Republic Day is celebrated with pride to illustrate the importance of the participation of the people in forming the Government and the value of the Indian Constitution.

Women's Day is celebrated with enlightening lectures and activities. The day is aimed to create awareness about the rights and privileges of the women.

National Science Day is celebrated every year on February 28 to propagate the message of importance of science and its application.

Teachers' Day is celebrated in our Institution on 5th September by paying tribute to the faculty members.

World Suicide Prevention Day is observed on September 10 each year to promote worldwide action to prevent suicides.

Pongal Celebrations on January 13 at our Institution is an extraordinary day by enthusiastic participation of students and staff members on that day.

Sethu pasumai sangamam Celebrations on March 16 at our Institution is an extraordinary day by enthusiastic

participation of students and staff members that day.

Engineer's day is celebrated on September 15 through various technical and non-technical events.

National Mathematics Day is celebrated on 22 December, Guest Lectures are organized for the students to celebrate the mathematics in the real life.

| 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

### BEST PRACTICE 1: Fostering a Robust Research Environment

Our College not only prepares students for academic success but also equips them to carry out research and offer innovative solutions for the complex problems faced by the industry and the society. Promoting research and innovative culture among the students can lead to positive contributions to the community through technological interventions. Our college aims to enhance research infrastructure, provide ample funding opportunities and facilitate interdisciplinary collaboration, and seeks to cultivate a culture of integrity, transparency, and ethical conduct while promoting mentorship and professional development to support faculty and students in pushing the boundaries of knowledge and innovation.

### BEST PRACTICE 2: Implementing Academic Curriculum with Practical Projects to Confront Societal Challenges

Our College provides hands-on learning experiences into educational programs to equip students with the skills, knowledge and mindset needed to tackle real-world issues. This approach allows students to apply concepts learned in the

classroom to projects aimed at addressing societal problems such as environmental degradation, healthcare access and more. The objectives of this best practice include fostering hands-on experiences, empowering students with problem-solving skills, promoting community engagement, cultivating social responsibility and facilitating interdisciplinary collaboration to address pressing societal issues effectively and contribute to positive social change.

| File Description                            | Documents   |
|---|---|
| Best practices in the Institutional website | <a href="https://sethu.ac.in/best-practices-2022-2023/">https://sethu.ac.in/best-practices-2022-2023/</a>   |
| Any other relevant information              | <a href="https://naac.sethu.ac.in/AOAR%202022-2023/C7/7.2%20best%20practice%20any%20other%20relavant%20documents.pdf">https://naac.sethu.ac.in/AOAR%202022-2023/C7/7.2%20best%20practice%20any%20other%20relavant%20documents.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)

**TITLE: EXPERIENCING THE SPIRIT OF TAMIL HERITAGE AND CULTURE**

The spirit of Tamil heritage and culture serves as a catalyst for academic excellence in our institution.

**Celebrating Pongal: Honouring Tradition and Togetherness**

The celebration of Pongal at our institution is more than just a cultural event. By honouring tradition, we not only preserve the rich heritage of Tamil Nadu but also cultivate a spirit of unity and resilience that transcends boundaries.

**Nourishing Body and Soul: Cooking with Healthy Cereals and Natural Juices**

In our endeavour to promote holistic well-being among students, we have organized interactive sessions on cooking with healthy cereals and preparing natural juices. These activities not only educate students about the nutritional value of traditional Tamil ingredients but also encourage them to embrace healthier dietary choices.

**Cultivating Heritage: The Herbal Garden Initiative**

The Herbal Garden Initiative stands as a beacon of our institution's commitment to preserving Tamil heritage. Students actively participate in planting, nurturing and harvesting a variety of medicinal plants, gaining valuable insights into traditional herbal remedies.

**Integration of Traditional Knowledge**

Our institution organizes guided tours to Keeladi, allowing students to witness firsthand rituals of our ancestors.

| File Description                              | Documents   |
|---|---|
| Appropriate link in the institutional website | <a href="https://sethu.ac.in/wp-content/uploads/2024/04/7.3-institutional-distinctiveness1.pdf">https://sethu.ac.in/wp-content/uploads/2024/04/7.3-institutional-distinctiveness1.pdf</a> |
| Any other relevant information                | <a href="#">View File</a>   |

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

1. To obtain the NBA Accreditation for all the eligible Programmes.
2. To enhance the data maintenance digitally.
3. To improve the collaborative research activities with International Universities.