SETHU INSTITUTE OF TECHNOLOGY

(An Autonomous Institution | Accredited By NAAC with 'A++' Grade)

Internal Quality Assurance Cell

Annual Quality Assurance Report

2023-2024

Submitted to

National Assessment and Accreditation Council
Bangalore, India

YEARLY STATUS REPORT - 2023-2024

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/wp-content/uploads/2024/05/AQAR-2022-2023.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://sethu.ac.in/category/academic-calendar/

5.Accreditation Details

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**

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	MSME 2.0	MSME 2.2	27/06/2023	126.95 lakhs
Sethu Institute of Technology	MSME 3.0	MSME 3.0	14/03/2024	44.75 lakhs
Sethu Institute of Technology	DST Seed	Science and Technology for Women	28/03/2024	24.91lakhs
Sethu Institute of Technology	Innovation & Agri Entrepreneurship Program	CCS NIAM	21/12/2023	5 Lakhs
Sethu Institute of Technology	NIVEDI'S Agri –Business Incubation Centre	NIVEDI'S Agri –Business Incubation Centre	07/12/2023	5 Lakhs
Sethu Institute of Technology	Mental & Child health Acceleration Program	HDFC Parivartan Grant (IIT-Chennai)	19/03/2024	14 Lakhs
Sethu Institute of Technology	Nidhi Prayas	Healthcare Technology Innovation Centre	11/09/2023	7 Lakhs
Sethu Institute of Technology	NBA Compliance Accreditation for CSE, ECE and EEE	NBA	09/03/2024	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
Significant improvement made in Faculty Appraisal System
Enhanced the Digital data maintenance
Extension of NBA Accreditation for CSE, ECE and EEE Departments

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
Extension of NBA Accreditation for CSE, ECE and EEE Departments	The Programs have been granted Accreditation for further 3 years from 2024 to 2027
Facilitating collaborative research with other reputed Indian/ Foreign Institutions	Collaborative research projects are done with MMU University, Malaysia and MoU is signed with British applied college UAE
Setting up sponsored/recognized research Centers	Department of IT is recognized as Research Centers in Anna University

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	20/05/2024

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

- Year

Year	Date of Submission
2023-2024	05/04/2024

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 Archaeology, 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 is 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."Muthamizh Kalai Mandram"-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 were 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, ERMS Automation Software 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   **21**

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1   **4419**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2   **1050**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3   **4529**

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

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.Academic

3.1   **769**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2   **270**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1	**21**
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1	**4419**
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	View File

2.2	**1050**
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	**4529**
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1	**769**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	**270**

File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>

3.3 Number of sanctioned posts for the year:	**270**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**721**
4.2 Total number of Classrooms and Seminar halls	**93**
4.3 Total number of computers on campus for academic purposes	**1324**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**2280.64**

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 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. Students can earn minor degree or Honours degree based on their interest and excellence. Skill and Personality development courses inculcate their responsibility towards the societal needs through various club activities.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	http://naac.sethu.ac.in/AQAR%202023-2024/C1/1.1.1%20link%2024.pdf

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

21

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	[View File](#)

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

`434`

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

1.2 - Academic Flexibility

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

`123`

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

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

`21`

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

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, Universal 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' & 'Universal 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 and Internships to expose 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	View File
Any additional information	View File

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

24

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

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

1818

File Description	Documents
List of students enrolled	View File
Any additional information	View File

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

2571

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

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	https://sethu.ac.in/curriculum-development/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

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	https://sethu.ac.in/curriculum-development/
Any additional information	View File

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

1126

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

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)

721

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses 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	[View File]()
Paste link for additional information	[http://naac.sethu.ac.in/AQAR%202023-2024/C2/2.2.1%20link%20document.pdf]()

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
19/06/2023	**4419**	**270**

File Description	Documents
Upload any additional information	[View File]()

2.3 - Teaching- Learning Process

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

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 actively engaged in the diverse range of learning opportunities offered by the college, taking full advantage of both academic and extracurricular experiences to enhance their education.

- 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	[View File](#)
Link for additional Information	https://naac.sethu.ac.in/AQAR%202023-2024/C2/2.3.1%20link%20document.pdf

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	https://sethu.ac.in/ict-tools/
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

270

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

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 Principal, Controller of Examinations, Dean IQAC and Dean Academics. 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 day, commencement of Semester End Examinations, list of holidays etc. After the publication of Institute academic calendar each department prepares their respective Department Academic calendar which includes Events to be conducted by the departments.

Time Table

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 time table 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 etc.,**

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

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

270

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

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

83

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	View File
Any additional information	View File

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

5

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

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

12

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	**View File**
Any additional information	**View File**

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

38

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	**View File**
Upload any additional information	**View File**

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	View File
Paste link for additional Information	http://naac.sethu.ac.in/AQAR%202023-2024/C2/2.5.3%20IT%20Integration-Additional%20lnformation.pdf

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 established taxonomies, such as Bloom's Taxonomy, to guide and structure the learning process, ensuring that students develop critical thinking skills and a deep understanding across various levels of knowledge and cognition

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, Class rooms, 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)	View File
Upload any additional information	View File
Link for additional Information	http://naac.sethu.ac.in/AQAR%202023-2024/C2/2.6.1%20Link%20for%20additional%20Information%20(1).pdf

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 Semester End Examinations (SEE).

- The Program level CO attainment is analyzed by the Program Assessment Committee (PAC), Department Advisory Board (DAB) and Board of Studies (BoS).The members of these forums also give further suggestions.

Programme Outcome Attainment

Processes used for the Assessment of Attainment of Programme Outcomes (POs) and Program Specific Outcomes (PSOs)

- The attainment of Program Outcomes 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 Programme level attainment analysis of POs & PSOs is carried out by the Programme Assessment Committee and suggestions are provided for improving the attainment.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://naac.sethu.ac.in/AQAR%202023-2024/C2/2.6.2%20Paste%20link%20for%20additional.pdf

2.6.3 - Pass Percentage of students

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

1050

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	http://naac.sethu.ac.in/AQAR%202023-2024/C2/2.6.3%20Annual%20Report%202023-24.pdf

2.7 - Student Satisfaction Survey

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

https://sethu.ac.in/student-satisfaction-survey-1/

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

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:

- To promote research that is relevant to the nation and the region.

- To improve and support existing and evolving research strengths

- To promote multidisciplinary Research

- 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 (SRIC) 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	View File
Provide URL of policy document on promotion of research uploaded on the website	https://sethu.ac.in/research-promotion-policy/
Any additional information	View File

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)

4.84

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

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

10

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

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)

125

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

3.2.2 - Number of teachers having research projects during the year

26

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://naac.sethu.ac.in/AQAR%202023-2024/C3/3.2.2%20Upload%20any%20additional%20information.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

28

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

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

7

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	http://naac.sethu.ac.in/AQAR%202023-2024/C3/3.2.4%20link%20to%20funding%20agencies%20website.pdf
Any additional information	[View File](#)

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 (SIT) fosters innovation and entrepreneurship through its research and incubation centers. In 2023-24, SIT established the Sethu Research and Innovation Centre (SRIC), Sethu Incubation Centre (SIC), and Institute Innovation Council (IIC). These initiatives have catalyzed innovation, empowering students and faculty to explore groundbreaking ideas.SIT's commitment to innovation is evident in its achievements. The institution has launched 12 startups, securing substantial funding through government schemes. Faculty members have won prestigious awards, and SIT has been recognized as the Best Performing Institution in Unnat Bharat Abhiyan. Students have also won awards, demonstrating their dedication to excellence and innovation. SIT has received various grants to support research, innovation, and infrastructure development, totaling over ?6.5 crore.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://naac.sethu.ac.in/AQAR%202023-2024/C3/C3%203.3.1%20Additional.pdf

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

104

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	B. Any 3 of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

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

6

File Description	Documents
URL to the research page on HEI website	https://sethu.ac.in/research-scholars/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

187

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

24

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://naac.sethu.ac.in/AQAR%202023-2024/C 3/3.4.4%20Additional%20Information.pdf

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

638

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

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

85

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

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

4.761

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

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

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
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

3.6 - Extension Activities

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

Extension activities play a pivotal role in sensitizing students to social issues, fostering their holistic development. By engaging in initiatives through National Service Scheme (NSS), Rotaract Club, Youth Red Cross (YRC), Red Ribbon Club (RRC), students develop a deeper understanding of societal challenges and their responsibilities toward the community. NSS promotes community service and leadership quality through activities like environmental drives, health awareness programs and rural development initiatives. Rotaract Club develops professional and leadership skills while encouraging global fellowship through service projects. YRC focuses on humanitarian values, disaster preparedness and health promotion. RRC raises awareness about HIV/AIDS, blood donation and safe health practices. Career Guidance Cell helps students make informed career choices and achieve professional success. Women Empowerment Cell promotes gender equality and supports female students in realizing their potential. Entrepreneurship Development Cell nurtures entrepreneurial skills, encouraging innovation and guiding students to transform ideas into successful business ventures. Overall, extension activities cultivate socially aware, empathetic individuals, reinforcing education's transformative power in shaping responsible, well-rounded citizens.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://naac.sethu.ac.in/AQAR%202023-2024/C3/3.6.1%20upload%20doc.pdf

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

2

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	[View File](#)

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)

46

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

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

5175

File Description	Documents
Reports of the events	View File
Any additional information	View File

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

794

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

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)

13

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Institution started in 1995 at Pulloor village, Kariapatti –Taluk, Virudhunagar – District, Tamilnadu on the National Highway (NH 45B). The campus is spread over an extent of 132.15 acres with a built-up area of about 51398.61 Sq m with state of the art buildings, classrooms, laboratories, auditorium, and library. The college is easily accessible through road, rail and airways. 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 and seminar halls 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, Wi-Fi and fax for faster communication.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://naac.sethu.ac.in/AQAR%202023-2024/C 4/4.1.1-Link%20for%20additional%20informat ion%20word--.pdf

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 in sports village with 9 acres of grounds and buildings for different games; it has been functioning under experienced, skilful and doctorate Physical Education 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.

Cultural Activities:

An intra-collegiate cultural competition is regularly organized by the Fine Arts 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 Arts 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	View File
Upload any additional information	View File
Paste link for additional information	http://naac.sethu.ac.in/AQAR%202023-2024/C4/sports%20book%20(1).pdf

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

93

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

275.98

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

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 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)

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://naac.sethu.ac.in/AQAR%202023-2024/C4/4.2.1-Paste%20Link%20Additional%20Information.pdf

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	[View File](#)
Upload any additional information	[View File](#)

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

3.81

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

4.2.4 - 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

261

File Description	Documents
Upload details of library usage by teachers and students	[View File](#)
Any additional information	[View File](#)

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 System & Network Administration. 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. 12 centralized servers and individual department servers are maintained. Our Computer network is built on CISCO switching platform with backbone running on 10 Gbps at present.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://naac.sethu.ac.in/AQAR%202023-2024/C4/4.3.1%20Link%20for%20Additional%20information.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4419	1324

File Description	Documents
Upload any additional information	[View File](#)

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

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	[View File](#)

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	[View File](#)
Paste link for additional information	http://naac.sethu.ac.in/AQAR%202023-2024/C4/4.3.4%20Link%20Facilities%20available%20for%20e-content%20development%20(1)%20(1).pdf
List of facilities for e-content development (Data Template)	[View File](#)

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)

787.97

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	[View File](#)

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 Head 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 Head of the Department 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's 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. Upkeep all facilities and cleanliness of environment in hostels are done through Housekeeping Section and Estate Office.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://naac.sethu.ac.in/AQAR%202023-2024/C4/4.4.2%20Additional%20information.pdf

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

2892

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

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

793

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

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

File Description	Documents
Link to Institutional website	https://sethu.ac.in/soft-skills/
Details of capability development and schemes	View File
Any additional information	View File

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

920

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

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

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

5.2 - Student Progression

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

920

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

5.2.2 - Number of outgoing students progressing to higher education

33

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

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

6

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

53

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

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.

Each department has a Student Association. Every association consists of a secretary, joint secretary, Treasurer, Office

bearers, and committee members, guided by the faculty in-charge of the Association. 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.

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, extra-curricular and support services. The Principal is the convener of the Student Welfare Committee regularly conducting the meeting. The suggestions given by the students are properly addressed.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://naac.sethu.ac.in/AQAR%202023-2024/C5/5.3.2.Academic%20Bodies.pdf

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

31

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

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

The Alumni Association and its Chapters 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 Chennai and recognized by the All India Council for Technical Education (AICTE) 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. Alumni support the 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 has chapters in Chennai, UAE, and Bengaluru. The association organizes and coordinates alumni reunions, allowing alumni to express their gratitude to their alma mater.

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.

- Organizing placement programs for the students with the coordination of alumni members.

- Alumni are invited as Chief Guests for symposiums and deliver Guest lectures to the students.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://naac.sethu.ac.in/AQAR%202023-2024/C5/5.4.1%20additional%20info-1.pdf

5.4.2 - Alumni's financial contribution during the year	E. <2 Lakhs

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The Institute has a clear vision emphasising on excellence in the technical education and scientific research for the benefit of the society.

The Institute's mission focus on transforming the student into a successful professional with quality technical education, imparting employability and entrepreneurship skills and service to the society through Education and Technology. The Institute provides a holistic environment to perform Academic, Research and Innovation Activities and always like to link with the industry and community through MoUs with industry and academic institutions.

Nature of Governance

- The governance of the College, steered by a Governing council formulated with members from the Management, nominees from AICTE, UGC, DOTE, State Govt., Industry professionals at the apex level, is participatory in planning and executing various activities.

- Development of various policy decisions for the maintenance of standards, education and examination within the Instituteare done through Academic Council and incorporated through Board of Studies, HOD's meetings and Department Meetings.

Perspective Plans

- To strengthen the academic potentiality and employability/entrepreneurship skills of students

- **To promote research possibilities among faculties and students**

- **To improvise the industry-institute interaction through projects, consultancy works, internships, career, etc.,**

- **To empower the quality assurance and sustainability in all activities**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://sethu.ac.in/vision-mission/

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

The effectiveness of leadership stems from the fact that leadership roles are decentralised and thus, responsibility and authority are decentralized, with necessary financial powers for participative management.

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

IQAC Autonomy Dean (IQAC) makes modifications and systematizes for academic excellence and other quality measures.

Financial Autonomy Finance committee constituted take decisions related to planning, implementation, and management of all financial resources.

Academic Autonomy BoS, Academic Council and DAB are empowered to design and implement the curriculum, syllabi and assessments with the guidance of Dean (Academics).

Examination Autonomy Controller of Examinations isresponsible to arrange for preparation, scheduling, conduct of examinations of the Institute and all other contingent matters connected with examinations.

Participative management enables faculty, staff and students to express their suggestions including constructive opinions in the day-to-day functioning of the institute. All operational decisions are taken based on the deliberations in the Principal's meetings with Deans, HODs, and various other committees. Management representatives also participate in important decisions related to strategies and plans. Governing Council members finalize the plans & strategies and support all the programs for the development.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://sethu.ac.in/wp-content/uploads/2024/08/SIT-COMMITTEE-1.pdf

6.2 - Strategy Development and Deployment

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

A Committee has been constituted to prepare the Strategic plan considering Learning experiences, Research & Innovation, employability and entrepreneurship, Placement & Internship, Societal development, Alumni & Industry Relations.

Example of an activity successfully implemented based on the institution's strategic plan

Title of Practice:

Promoting Research and Innovation among the faculty and students

Objectives:

- Promoting multidisciplinary and collaborative research endeavours.
- Enhancing sponsored research
- Promoting innovation and start-ups among faculty and students
- Establishing Research Centres of Excellence

Promoting multidisciplinary and collaborative research is

essential for advancing knowledge, addressing complex problems, and driving innovation. The Institute provide shared facilities, equipment, and resources to facilitate collaboration and innovation. Students are encouraged to develop collaborative projects (Multidisciplinary Projects) that address complex problems or challenges in their final year of study. The Institute have also established Interdisciplinary research centers (Sethu Research Forum) that bring together researchers from diverse disciplines to work on specific themes or challenges. The Institute hassponsored R&D projects for an amount of Rs.1.25 croreand initiated 15 start-ups . Faculties are encouraged to disseminate their findings through publications and the number of publications is 187and the Institute has an overall Scopus h index of 55. Nine departments are recognized as Research Centres by Anna University.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://naac.sethu.ac.in/AQAR%202023-2024/C6/6.2.1/6.2.1%20Research%20Grants%202023-2024.pdf
Upload any additional information	View File

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.

Governing Body is responsible for planning and formulating strategies for overall development of the institution. The Chairman and Managing Trustees of the Institute work together to develop directive principles and policies, change and approve them as needed, and monitor the college's operations. Management supplies the funds required to establish, maintain, and improve the quality of infrastructure, faculty, teaching, learning, and research.

Policy decisions are implemented by an effective administrative setup involving the Head of the Institution, Controller of Examinations, Dean (IQAC), Dean (Academics), Deans of institute, Heads of the Departments and other statuary bodies.

Functions of various bodies, conduct and service rules, procedures, recruitment, promotional policies, and grievance

redressal mechanism are as per the norms. The powers and functions of various bodies are well articulated in the Rules, which help the statutory bodies to monitor the entire functioning of the Institute effectively. The Recruitment Cell manages the recruitment of faculty members and staff and the promotion of faculty members as per the AICTE/Anna University norms. The Admission cell carries out admission-related activities as per the norms. The Institute is home to a variety of committees, cells, and professional societies, many of which are active with faculty members.

File Description	Documents
Paste link to Organogram on the institution webpage	https://sethu.ac.in/organogram/
Upload any additional information	View File
Paste link for additional Information	https://naac.sethu.ac.in/AQAR%202023-2024/ C6/6.2.2%20Admistrative%20chart.pdf

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

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

Performance Appraisal based on performance in academics, research, and other contributions also include a 360-degree feedback mechanism. The committee headed by Dean (IQAC) reviews them and annual increments and promotions are given to faculty and staff members.

Welfare measures for teaching and non-teaching staff, as summarized below:

- **Health Centre, Group Health Insurance Scheme**

- **Free accommodation in the hostel**

- **Institute motivates the faculty by presenting them with the yearly Distinguished Researcher and Innovation awards.**

- **Paid Vacation**

- **Medical leave, Maternity leave and Study leave with pay**

- **A Day care Centre functions in the Campus, catering to the day care needs of the employees' children.**

- **Salary advances, if any necessity arises.**

- **On Duty facility to faculty and supporting staff to undergo training programmes, attend seminars, symposia, conferences, workshops and Examination related works.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sethu.ac.in/wp-content/uploads/2024/12/SIT-HR-Manual.pdf

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

9

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

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

14

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

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.)

137

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

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 and incomes with the receipts issued to the students. The Received Grants are checked.

2. Expenses Vouching

The payments of vouchers are audited by Internal Auditors with relevant invoices and bills, correctness of revenue classification and capital expenses, salary 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	[View File](#)
Paste link for additional information	https://sethu.ac.in/finance-3/

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	[View File](#)
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	[View File](#)
Any additional information	[View File](#)

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.,

Optimal Utilization of Resources

The college makes efforts to maximize the efficient use of resources, including electricity, water, fuel and other essential materials.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://naac.sethu.ac.in/AQAR%202023-2024/C6/6.4.3%20Resource%20Mobilization%20Policy.pdf

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)

IQAC institutionalize the quality assurance strategies and processes among all the stakeholders by

- Ensuring Outcome Based Education
- Micro teaching sessions for the improvement in teaching techniques.
- Provision of Credit transfer of online learning initiatives such as NPTEL.
- Collection of feedbacks from the students for improvement of teaching and learning process

Quality Assurance activities:

- Compilation and submission of AQAR to NAAC
- NBA accreditation of programs
- Participation in NIRF
- Conduct of Academic & Administrative Audit
- Conduct of student welfare committee meeting periodically.
- Automation of Data Collection and Consolidation
- Conduct of Quality Related Training programmes for teaching and non-teaching staff
- Creation of Benchmarks for academic, research and Administration

Initiative 1:IQAC has developed a portal for leave management, OD management and Biometric reports for faculty and staff members, provision for stock entry, Research activities, service record and 360º feedback which ensures automation of data collection and consolidation.

Initiative 2:Micro teaching sessions for the improvement in teaching techniques. The process involves teaching a short lesson for 15-20 minutes, receiving feedback, and then re-teaching. Faculty with lesser experience enrol for Micro teaching which help faculties to refine their teaching methods.

File Description	Documents
Upload any additional information	[View File]
Paste link for additional information	https://naac.sethu.ac.in/AQAR%202023-2024/C6/6.5.1%20MICRO%20TEACHING.pdf

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

IQAC assures quality in all the activities of the institute thriving for continual improvement. IQAC continuously ensures various quality assurance steps at all levels of the institution functioning as follows:

1. Ensuring Outcome Based Education.

2. Development of quality benchmarks in Teaching-Learning, Research, Curriculum planning and implementation.

3. Academic and administrative audits

4. Structured feedback mechanism for Teacher Evaluation on TLP and quality-related institutional processes.

5. Conducting Guest Lectures, workshops, FDPs on quality related

Academic Audit

Academic Audit is initiated by IQAC to evaluate the functions of various departments in the Institution. It assess the academic process with more weightage to teaching learning process, R&D activities, professional development etc., IQAC records the observations and gives recommendations to improve the shortcomings after thorough analysis of the report submitted by auditors.

Feedback Mechanism

IQAC has structured feedback mechanism - Feedback on curriculum from the stakeholders, student Feedback for Faculty Evaluation to ensure the proper teaching-learning and evaluation process. Feedback about the course handling faculty includes Questionnaires like knowledge level of the faculty, use of Innovative Methods, deliverance of the subject, fairness in Assessment etc,. The feedback received from the students and stakeholders are carefully analysed and suitable actions are initiated at Department and Institute level.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://naac.sethu.ac.in/AQAR%202023-2024/C6/6.5.2%20academic%20audit.pdf

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	https://sethu.ac.in/iqac-aqar-report/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Sethu Institute of Technology always motivates and ensures gender equality. The college always concentrates on student's 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

- Canteen

- Day Care center for Kids

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://naac.sethu.ac.in/AQAR%202023-2024/C7/7.1.1%20Any%20additional%20information-1.pdf

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	**B. Any 3 of the above**

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	[View File](#)

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within 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 were being organized by the volunteers of ECO Club and NSS to create awareness among the Students, Faculty and staff members to sensitize about solid waste

management.

LIQUID WASTE MANAGEMENT Waste water is treated by the fully automatic sewage treatment plant (STP) of 4 lakhs liters capacity using Fluidized Bed Bio Reactors (FBBR) with an investment of Rs.22.7 lakhs.

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	[View File](#)
Geotagged photographs of the facilities	[View File](#)
Any other relevant information	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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	View File
Certification by the auditing agency	View File
Certificates of the awards received	**No File Uploaded**
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	**A. Any 4 or all of the above**

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

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

Gender inclusivity

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

Social, Communal and Cultural inclusivity:

- Two units of National Service scheme is 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 religion festivals are celebrated that provides 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 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 fund has 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)	View File

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

1. Red Ribbon Club is started in our college through which, students will spread awareness over HIV / AIDS.

2. National Service Scheme provides the students an opportunity to understand the community, social and civic responsibilities.

- SIT proudly celebrates Independence & Republic Day on the basis of the Rights and duties enshrined in the Constitution of India.
- Social awareness Programme was organized to prevent the society from "Blue whale killer game" and "Dengue fever" in collaboration with Tamil Nadu Police.

3. To help in and around the people of SIT Eco Club is a platform on which our students work to contribute to improve their environmental conditions.

4. To create awareness about the society Youth Red Cross was stared in year 2010, at present more than 300 volunteers are actively involved in Social activities.

5. The Rotaract Club of SIT concentrates on main events based on professional, social, international and club service.

6. Yi Yuva Club organized programs for the younger generation on the topic "Youth of today- challenges and opportunities."

7. To encourage women, our college WEC focuses on women's needs, especially in cases of domestic violence and personal assault.

- SIT provides an opportunity to the students to develop talents in different forms of arts like music, singing, dance, drama etc in the form of Fine arts club.

8. Toastmasters Club helps to develop, practice and enhances students' communication and leadership skills.

9. Photography Club aims to create the opportunities for every student to discover the artist within themselves.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code   A. All of the above

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

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

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

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.

The Alumni Meet is a cherished occasion that bridges the past and the present, celebrating the shared journey of our alumni and their alma mater. This year's event promises to be a grand gathering filled with nostalgia, networking, and new memories.

The Motivational Program 2024 is an inspiring and transformative event aimed at empowering participants to unlock their full potential, overcome challenges, and achieve personal and professional growth. Designed to energize minds and hearts, the program served as a beacon of hope and a catalyst for change.

The Green Campus Program is a bold and visionary initiative aimed at fostering environmental awareness and sustainable practices

within the campus community.

College Galatta Events 2024 filled with exciting and diverse activities, offering students the perfect platform to showcase their talents in a vibrant, energetic atmosphere. It is a collective step toward building an eco-friendly and sustainable environment while promoting a culture of responsibility and care for our planet.

The Joy of Giving Week is a heartfelt celebration of generosity, compassion, and community spirit. Observed annually, it brings people together to experience the unparalleled joy of giving and making a positive impact on the lives of others.

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.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

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:

TRANSFORMATIONAL RURAL DEVELOPMENT UNDER UNNAT BHARAT ABHIYAN

The objective of the Unnat Bharat Abhiyan initiative in our college is to leverage academic expertise and research capabilities to promote sustainable development in rural areas. UBA was initiated in our college in 2019, inspired by the vision of creating transformational changes in rural development processes. By adopting five villages—Aaviyur, Kambikudi, S.Kallupatti, Kalkurichi, and Thonugal—our college aimed to address these challenges systematically. Projects like Grey Water Recycling, Solar Dryers, and IoT-based Smart Bins were

implemented, focusing on local needs while fostering student participation in addressing societal issues. The UBA initiative has demonstrated tangible results in the adopted villages.

BEST PRACTICE 2:

DIGITALIZATION THROUGH INHOUSE SOFTWARE DEVELOPMENT

This practice is to develop in-house software which provides a comprehensive platform that integrates student feedback management, faculty leave application processes and maintenance of Service Record. This CRM system ensures streamlined operations, enhances transparency, and fosters data-driven decision-making across academics and administration. It includes collecting and analyzing structured feedback from students to improve teaching, curriculum, and infrastructure. It also integrated to simplify leave application and class alteration for faculty. By integrating student feedback management and faculty leave application processes into a unified CRM, this practice exemplifies a holistic approach to institutional excellence and operational efficiency.

File Description	Documents
Best practices in the Institutional website	https://sethu.ac.in/best-practices-2023-2024/
Any other relevant information	http://naac.sethu.ac.in/AQAR%202023-2024/C7/7.2%20Any%20other.pdf

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)

Global Collaborations and International Outreach

Our institution is committed to excellence in engineering education, fostering innovation, and establishing a global presence through strategic collaborations. Key initiatives include signing MoUs with international universities and industries, facilitating student and faculty exchanges, joint research and knowledge-sharing. Notable partnerships, such as those with British Applied College University, UAE and Multimedia University, Malaysia, enhance global exposure and research opportunities.

In February 2024, the Department of Agriculture Engineering signed an MoU with SYNCOM AGRI TECH LIMITED, Japan aimed at internships, skill development and real-world projects to improve employability. Local collaborations including E-Yantra and One Yes Infotech strengthen academia-industry linkages bridging skill gaps and promoting innovation.

Interdisciplinary research with Tamil Nadu Agricultural University and Saradha Krishna Homeopathic Medical College emphasizes advancements in agriculture and healthcare. Students and faculty regularly represent the institution in international forums with achievements such as Ms. R. Abinaya serving as IEEE Women Leadership Summit Ambassador and Mr. M. Yogaraja winning medals in the International Silambam Competition in Thailand.

These initiatives underscore our commitment to global standards, innovation, and interdisciplinary learning thereby preparing students and faculty for leadership in a rapidly evolving global landscape.

File Description	Documents
Appropriate link in the institutional website	http://naac.sethu.ac.in/AQAR%202023-2024/C7/7.3%20Institutional%20Distinctiveness%20Link.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1.To obtain Deemed to be University status

2.To increase the number of industry collaborative laboratory

3.To increase the number of publications and patents