SETHU INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University, Chennai

Pulloor – 626115, Kariapatti Taluk,

Virudhunagar District, Tamil Nadu.

INTERNAL QUALITY ASSURANCE CELL

Annual Quality Assurance Report

2021 -22

Submitted to

National Assessment and Accreditation Council

Bangalore, India

YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	Sethu Institute of Technology
• Name of the Head of the institution	Dr. A.Senthil 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)	9443564850
• 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.M.Parvathy`
• Phone No.	`04566229700`
• Mobile No:	`9566956219`
• IQAC e-mail ID	`iqac.sit@sethu.ac.in`
3.Website address (Web link of the AQAR (Previous Academic Year)	http://sethu.ac.in/AQAR2020-2021/doc/pdf/AQAR%2020-21%20final.pdf
4.Was the Academic Calendar prepared for that year?	`No`
• if yes, whether it is uploaded in the Institutional website Web link:	

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
`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	Accreditation	NBA	02/07/2021	0
Sethu Institute of Technology	Band - P	ARIIA	29/12/2021	0
Sethu Institute of Technology	Scientific and Industrial Research Organization	DSIR	01/04/2022	0
Sethu Institute of Technology	Obtained 3.5 star rating for the college Innovation Council (IIC)	IIC, MHRD	17/11/2022	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

Capacity Building Workshops for Effective Implementation of OBE

Compliance report submission and NBA visit preparation for Mechanical and IT Department

Conducting Internal Quality Assurance Initiative Meetings for the preparation of Self Study Report for the second cycle of NAAC Accreditation

MOU with Infrastructure University,kuala lumpur

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
To start two new UG Programs	B.E. Computer Science and Design and B.Tech Artificial Intelligence and Data Science were started
NBA Accreditation	Extension of NBA Accreditation for Mechanical and IT Department for submission of compliance report submission and NBA visit preparation for Mechanical and IT Department
To promote Innovation among faculty and students	Obtained rupees 1.11 Crores for Innovative project by MSME,Government of India

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

• Name of the statutory body	

Name of the statutory body	Date of meeting(s)
Academic Council	14/05/2022

14.Was the institutional data submitted to	Yes

AISHE ?	

- Year

Year	Date of Submission
2021-22	11/02/2022

15.Multidisciplinary / interdisciplinary

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

16.Academic bank of credits (ABC):

Our institution is registered under Academic Bank of Credits. It's aiming to promote flexible student centric learning by depositing credits earned by the students in Academic Bank of Credits. This will facilitate transfer of credits acquired by the students from Indian/foreign Universities having equal or higher Accreditation grades for the award of the degree. Our institute is taking efforts to enroll international students to promote diversity and internationalization (globalization). For this purpose the College has signed MoU with foreign universities.It is taking serious efforts to establish research/teaching collaborations and faculty/ student exchange with high quality foreign institutions. In order to get international employment and studies global competencies have been fostered among students. In order to support the above fact foreign languages like German, Japanese and French are being included in the curriculum.The college is also conducting awareness programs and trainings for TOEFL, IELTS, GRE, etc.to secure employment in foreign countries.The faculty members are encouraged to design their courses and they are approved by the Board of Studies and Academic Council, after careful review. The regulation itself provides flexibility to choose appropriate pedagogical techniques by the faculty members.Innovative pedagogical methods are encouraged to enhance the knowledge and skills of the students.The faculty members also have flexibility to design their assessment 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 studentswhich 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, NaanMudhalvan 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 countryit 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 Literature, Culture and Civilization of Ancient Tamil. The college integrates the knowledge system of the Tamil language and the rich cultural heritage available among the ancient Tamil with the curriculum.

As the geographic location of our institution is in rural area, the students from rural background enroll. To support these students, classes are conducted in bilingual (i.e., English and mother tongue) mode. "MuthamizhKalaiMandram"-A Club for three branches of Tamil literature, music & poetry and drama, is available in our

institution to promote the aspects of Tamil culture and tradition. In this club various events will be conducted to promote literary ability, poem reciting, singing in Tamil language, drama and oration. This club helps the students to develop their knowledge and skills in their mother tongue. The college has planned to conduct few programs in Tamil language also as per NEP 2020 guidelines.

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

The college follows OBE approach which is a continuous process of education wherein the curriculum, teaching and learning strategies, and assessment tools are improved continuously. The Collegeadapts 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 determinesthe 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 Meetare used to connect the students for online learning. Even after Pandemic situation the college follows blended learning which enhances the learning ability of the students. The faculty members are encouraged to prepare online materials like video, quiz, assessment etc., in order to encourage hyflex / independent learning. The faculty members are trained to take classes in hybrid mode of education. The whole campus is WI-FI enabled and all classrooms support hybrid learning. The college provides e-governance through ERP software, Flair throughout the campus including teaching learning process. The library material can be accessed online through an exclusive webpage developed by the library. The college facilitates online learning through MOOC, SWAYAM and other online learning platforms as per NEP 2020 guidelines. The college is fully equipped with the implementation of online and distance learning methods as per NEP 2020 guidelines.

Extended Profile

1.Programme

1.1   **18**

Number of programmes offered during the year:

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

2.Student

2.1   **4301**

Total number of students during the year:

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

2.2   **1093**

Number of outgoing / final year students during the year:

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

2.3   **4222**

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   **665**

Number of courses in all programmes during the year:

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

3.2   **228**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1	**18**
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1	**4301**
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	View File

2.2	**1093**
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	**4222**
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	**665**
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:	**228**

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

3.3 Number of sanctioned posts for the year:	**228**

4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**890**
4.2 Total number of Classrooms and Seminar halls	**85**
4.3 Total number of computers on campus for academic purposes	**1142**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**1248.39**

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. The guidelines of AICTE, UGC and norms of Accreditation bodies help to identify the National Developmental needs. Relevant

courses are identified and draft curriculum is designed in the PAC meeting. Program Articulation Matrix mapping the courses with POs and PSOs is developed 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 to facilitate the experience of Inter-disciplinary, Multi-Disciplinary courses, Open Electives, Internships, Online Courses, Self-learning Electives, Certification Programs, Skill and Personality Development Courses. Students can choose their own course and acquire knowledge to meet societal needs. Skill and Personality development courses inculcate their responsibility towards the societal needs through various club activities.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	http://sethu.ac.in/AQAR2021-2022/doc/C1/1.1/1.1.1-LINK%20FOR%20ADDITIONAL.pdf

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

18

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

383

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

245

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

18

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, 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 'Value Education and Human Rights' are offered as mandatory courses. The soft skills course is offered to impart life skills to all. All the students are asked to address these cross-cutting issues in their project work, to offer solutions with a consciousness of these issues, and to use their innovative ideas with imaginative and logical thinking in solving the issues. Students participate in the field visits, Internships to expose to the environmental issues related to their discipline.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	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

21

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

1833

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

2266

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

970

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)

702

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, bridge courses, and life skill programs 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, Tutorial

Questions and course material are provided to the slow learners for easy learning.

Advanced Learners

Advanced learners are encouraged through participation in activities like paper presentation, Project contests, R&D and consultancy, internship. Through Career Guidance guest lectures, the students are motivated to appear for competitive exams like GATE and GRE. 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	https://sethu.ac.in/AQAR2021-2022/doc/C2/2.2.1%20link%20document.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/08/2022	4301	228

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
- Inplant training
- Extension Activity
- Association Activities

Participative Learning

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

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

Problem Solving Methodologies

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

- Courses which have engineering problem
- Project work
- Mini Project
- Innovation Activities

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	http://sethu.ac.in/AQAR2021-2022/doc/C2/2.3.1%20Student%20Publication%20details%20with%20correction-14-72.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.**
- **The faculty members regularly use ICT tools for conducting Quiz using various platforms like Class Marker, Kahoot, Testmoz, Quilgo etc.**

Webinars, workshops and conferences are conducted using ICT technologies and the students participated in these programs. The faculty members upload their lectures in the internet so that the students can refer at any time. The faculty members also upload the course materials in 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

210

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

Timetables

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

Teaching Plans

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

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

- **Assessment Plan**

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

228

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

87

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)

7.28

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

15

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

0.85

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	https://sethu.ac.in/AQAR2021-2022/doc/C2/25.3%20Link%20for%20information.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 knowledge and skills required for the students on three domains of learning. The college also

follows taxonomies like Blooms Taxonomy.

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

Display of Programme Outcomes and Course Outcomes:

The following are the methods of display and communication to teachers, students and parents of the POs, PSOs and COs

- The POs, PSOs and COs are published in the website for disseminating the statements
- The students are briefed about the statements 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	https://sethu.ac.in/AQAR2021-2022/doc/C2/2.6.1%20Link%20for%20Information.pdf

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

- 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).
- Course Committee evaluates the attainment of COs and prepares report of CO attainment along with the suggestions for the improvement.
- POs and PSOs are carefully mapped with Course Outcomes. The Course Outcomes are mapped with the Semester End Examination Questions.
- Direct assessment of the POs & PSOs is based on the attainment of the respective mapped course outcomes.

- **Indirect assessment of the Program Outcomes consists of the Feedback from the Stakeholders.**
- **Assessment of attainment of POs & PSOs is carried out based on the performance of the students in Direct Assessments and the Indirect Assessments.**

The Program level CO attainment and PO attainment is analysed by the Program Assessment Committee, Department Advisory Board and Board of Studies. The members of these forums give suggestions. The institute level review of CO & PO attainment analysis are carried out by the Internal Quality Assurance Cell. Suitable actions are initiated by the Programme coordinator based on the suggestions provided in the various forums for the improvement in the attainment of COs and POs.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://sethu.ac.in/AQAR2021-2022/doc/C2/2.6.2%20Link%20for%20Additional%20Information.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

1058

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://sethu.ac.in/AQAR2021-2022/doc/C2/2.6.3%20Annual%20report%20scanned.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/wp-content/uploads/2023/03/action-taken-report-2021-22.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Given that research and development is an additional aspect of the primary academic activity, 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) was developed. Its main goal is to support young students in their development by helping them work with fresh concepts and turn them into prototypes.

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)

0.22

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

1

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)

111.75

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

11

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://sethu.ac.in/AQAR2021-2022/doc/C3/3.2.2 Additional projects.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

3

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

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://sethu.ac.in/AQAR2021-2022/doc/C3/AQ_3.2.4_Paste%20link%20for%20funding%20agency.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 nurtures innovative culture among the students and faculty members by conducting various programmes and contests and maintains Innovation Ecosystem in the College. Sethu Institute of Technology has an Institution Innovation Council (IIC) in association with MHRD established in the year of 2018. The College motivates the faculty and students to participate in various national and international level contests and also filing patents in their innovative ideas. IIC has received 4.5 Star ratings consistently for conducting various Innovative programs and Contests. The College has an effective Entrepreneurship Development Cell (EDC). In SIH 2022 our student teams won first prize in software edition and runner up award in hardware edition. In the academic year 2021-2022, our college has sanctioned 111.75 Lakhs for the Idea proposals under the incubation component of MSME Innovative Scheme (Incubation, Design & IPR) of MSME champion scheme. We have also initiated an Agri-startup, SMJ Smart products pvt Ltd, received a Grant-in-Aid of Rs.25 Lakhs under RKVY-RAFTAAR scheme. Our College effectively maintains the Innovation Ecosystem, by motivating the students and faculty to carryout innovative projects, providing ample facilities to carry out innovative projects and facilitating to carry out innovative projects for socially related issues.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C3/3.3.1%20Link%20for%20Additional%20Information_1.pdf

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

28

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

18

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

145

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

5

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C3/3.4.4_Paste%20link%20for%20book%20publication.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

268

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

29

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)

3.2025

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

0.5

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

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 organized by college clubs and societies have a hugely positive impact on student personal and professional development. These activities sensitize students to social issues and create a sense of responsibility towards society. The clubs include NSS, Initiative Club, Rotaract Club, Youth Red Cross, Yi Yuva Club, ECO Club, Red Ribbon Club, and Women Empowerment Cell, that organize and execute social service activities for the betterment of society.

For instance, NSS has been active in Swachh Bharath initiatives, tree plantations, and water conservation programs in nearby villages. Such activities help create a sense of responsibility, leadership skills, and self-confidence in students. Moreover, departments of the college organize programs on health, hygiene, diet awareness, tree plantation, and plastic eradication. These activities contribute to the students' holistic development by developing their hidden talents and personalities.

Extensive activities create socially aware individuals with a sense of empathy for the community and a holistic perspective towards life. They bridge the gap between the college and neighbourhood community, enabling the students to contribute to society's development more effectively. Therefore, extension activities are an integral part of a college's curriculum, as they help create a lasting impact on students, making them responsible and socially aware citizens.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C3/3.6.2%20Paste%20link%20for%20additional%20information.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

9

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)

32

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

32

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

297

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)

11

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 38). The campus is spread over an extent of 132 acres with a built-up area of about 49659.44 Sq.M with high-standard buildings, classrooms, laboratories, auditorium, and library. The college is easily accessible through road, rail, and airways from Madurai. All building zones are well connected by bituminous roads. All departments and building sections are functioning in separate blocks with complete adequate facilities. Each department has a sufficient number of classrooms, department library, and laboratories with well-conditioned instruments and equipment to conduct the practical classes. The college has a sufficient number of well-equipped and ventilated study rooms & common rooms, an air-conditioned auditorium with a seating capacity of 800 people with

centralized ACs, and seminars that provide a perfect learning ambiance. The college has an air-conditioned conference hall utilized for conducting Governing Council, Academic Council, and other meetings such as HODs meetings and special meetings. All departments and sections are well connected by communication systems of landlines, intercoms, Broadband systems, Wi-Fi, mobile phones, fax, and mail for faster communication. There are separate hostels for Gents and Ladies to cater to inland and foreign students with Wi-Fi systems.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C4/4.1.1-Link%20for%20additional%20information%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 department of physical education insports village with 25 acres grounds and buildings for different games; it has been functioning under experienced, skilful and doctorate Physical Director to train the students to identity advancement, solidarity and administration characteristics among students.

Yoga Centre:

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

Cultural Activities:

An intra-collegiate cultural competition is regularly organized by the Fine Art club in which more than 900 students participate. The other events which are organized by the club including Rangoli, Mehandi, Cartooning, Paint the face, Art from waste, Dance, Orchestra, Elocution, Recitation, Tamil and English Verse writing and Skit. The SIT orchestra is a feather in the cap of the Fine Art Club. The college auditorium namely "Pavendhar Bharathidhasan

Arangam" with a seating capacity of 800 is available for organizing cultural programmes.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C4/Cultural%20activities%202021-22.pdf

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

85

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)

191.18

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)

MODERNLIB SOFTWARE

The Central Library provides excellent service facilities for all the students and faculty members, such as sufficient books, proper

seating and reading facility, attractive modern building with high-speed WI-FI connectivity, OPAC, cleanliness etc. Open Access System is followed in our Institution. In addition to the well-stocked Library, proper classification and arrangement of books, library to facilitate easy access to the Faculty, Students, and Research Scholars.

MODERNLIB is a popular and advanced Integrated Library Automation Management software, user-friendly, cost-effective, multi-user, windows based automation software using our central library.

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)

Computerization of all activities of library, the software which includes acquisition, issue, return, renewal, clearance, loss, binding, recovery and missing pages etc. A student or staff can search the entire database to find a book based on different criteria, namely author, title subject etc. Gate register for students and staffs, software package is fully integrated with barcode options.

Library Software Details

Name of the ILMS Software

Nature of automation

(Fully or Partially)

Version

Year

MODERNLIB

Full

2016

2002

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://sethu.ac.in/AQAR2021-2022/doc/C4/4.2.1%20Paste%20Link%20Additional%20Information.pdf](#)

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

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[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)

0.44

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

170

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

Firewall with UTM throughput of 3Gbps ('SOPHOS XG430') is installed and all the network zones are created and managed through this equipment. For proper usage of Internet, the Internet stream is regulated and policies are created in the firewall for students and staff members. 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.49 licensed softwares and 14 Open source software are installed and maintained in the campus. Microsoft Campus Agreement is being renewed for each academic year. Windows Base License is available for all the machines with windows operating system. 3 software modules were developed in 2016 by ERP center for effective management of student and staff related information New Mobile app was introduced in 2019 for student exam schedule and seating arrangement. 18 centralized servers and individual department servers are maintained.The College has a dedicated team for SNA.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C4/4.3.1%20Link%20for%20Additional%20information.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4301	1142

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	https://sethu.ac.in/AQAR2021-2022/doc/C4/4.3.4%20Link%20Facilities%20available%20for%20e-content%20development.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)

429.73

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.

Maintenance of Buildings:

Civil works including maintenance of buildings, plumbing, and carpentry are being maintained by theinstitution.

Electrical Work:

Maintenance of electric infrastructure is carried out by the Electrical Department appointed by theinstitution. The electricians are qualified to conduct all the works necessary for providing uninterruptedpower supply to the entire campus. System Maintenance and Administration:

IT enabled accessories are purchased and maintained regularly. All computers in the college are enabled with internet facility. A system of in-house maintenance is followed by the SNA department which installs and maintains the computers and their accessories.

Laboratories:

The equipments of laboratories are purchased with the approval of the Management, Finance Committeeand Purchase Committee. The labs in charges take complete responsibility of the maintenance of all thelaboratories. Library:

Books have been purchased as per the need of the curriculum and periodical maintenance also has beenprovided. Books and Stock verification process is done at the end of the academic year. Sports: Director of Physical Education with his team are the competent authorities to maintain the sports materialsand Gymnasium. The playground maintenance is done on daily basis. The need based replacement systemis in existence for the sports items and maintenance of permanent equipments in Gymnasium.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C4/4.4.2%20maintainance.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

2587

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

633

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/AQAR2021-2022/doc/C5/5.1.3%20weblink.pdf
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

1265

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

306

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

29

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

7

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

Realizing students' role in accomplishment of the mission of the institution, the College understands the importance of student bodies.

- **The college has a Student Association in each Department. Every association comprises of Secretary, Joint Secretary, Treasurer, Office Bearers and committee members guided by the faculty in-charge of the departments. Also the academic and administrative bodies of the College have the student representatives to enhance the traits of decision-making and leadership.**
- **The Internal Quality Assurance Cell (IQAC) coordinates the quality assurance activities of the College. It has representation of students and alumni in addition to the Heads of the Departments.**
- **The student volunteers of the NSS aim at developing student personality 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 extra-curricular, cultural and social related activities.**
- **The student representatives of the Student Welfare Committee provide suggestions on various issues of the college including infrastructure, co-curricular, and extra-curricular and support services. The Student Welfare Committee regularly meets and the Principal is the convenor of the committee. The suggestions given by the students are properly addressed.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://sethu.ac.in/AQAR2021-2022/doc/C5/5.3.2%20weblink_signed.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

Sethu Institute of Technology, established in 1995, is an Autonomous Institution, affiliated to Anna University, and approved by AICTE, New Delhi. The first batch of students graduated in the College in the year 1999. Since then, around 20000 graduates obtained their degrees in various streams of Engineering and Technology. The alumni provide support to the students through interaction, financial funding, guidance and placement. The Alumni Association of Sethu Institute of Technology became vibrant under the stewardship of the Founder and Chairman Mr. S. Mohamed Jaleel, and the Association has Chennai Chapter, UAE Chapter and Bangalore Chapter. The association plans and coordinates the alumni reunion events and allow the alumni to express their thanks to their Alma Mater.

The Alumni members extend their support through:

- Acting as members in the Department Advisory Board, Board of Studies, Internal Quality Assurance Cell, etc.
- Serve as role models for students through distinguished services in different fields of service.

- **Some of our alumni are entrepreneurs and they are motivating the budding engineersto become an entrepreneur by sharing their experience.**
- **PADIKKATTUGAL (STEPS) is one of the examples for alumni social responsibility, started by an alumnus M. Kishore, ICE department, which renders its service to orphanages, old age homes etc.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://sethu.ac.in/AQAR2021-2022/doc/C5/5.4%20Alumni.pdf

5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 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

Vision

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

Mission

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

The Colleges emphasizes envisions to promote excellence in the field of technical education and imbibe research culture among the faculty and students, which will be beneficial for the society. The Mission statements stipulate the strategies to achieve the Vision of the Institution. The governance of the college is guided by the Governing Council. The Strategic Plan of the College has the following 4 goals in alignment with the Vision of the Institution

- Excellence in technical education
- Excellence in research
- Excellence in industry interaction
- Excellence in institutional effectiveness

The College follows Participative Management System in all its decision making process and the faculty members are involved in at all levels.

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

Decentralization in Working

Decentralization in working is practiced at different levels in the college and stakeholders are involved in the process of decision making based on collective wisdom. All the policy decisions of the College are taken based on the guidance of the Governing Council. The various functions of the college is delegated to Deans and Heads of the Departments so thatthe decision making can be done quickly. With proper formation of various committees, smooth conduct of the college is achieved.

Principal is the Head of the Institution and he delegates the various academic responsibilities to Deans, Controller of Examination and Heads of the Departments for smooth functioning of Academic and other activities. The functions and responsibilities are decentralized and they carry out their responsibilities in their respective areas. Staff council meeting is an executive council to take decisions in academic, research and industry

institute interaction initiatives, etc. In addition to these, the other responsibilities are delegated to senior faculty members to look after all areas of the Institution.

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/AQAR2021-2022/doc/C6/6.1.2%20SIT%20COMMITTEES%20final_Signed.PDF

6.2 - Strategy Development and Deployment

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

The College prepares a Strategic plan for the development on a periodic basis taking into consideration the views of the stakeholders. The Strategic Plan (2016 – 2022) is derived from the Vision and the Mission of the College.

Successful Implementation of an Activity: Enriching Student Experience to Promote Excellence

- **Enriching student experience and promoting student excellence is of paramount importance to achieve excellence in technical education. The choice based credit system facilitates the students to take courses of their choice, learn at their own pace, undergo additional courses and acquire more than the required credits, and adopt an interdisciplinary approach to learning to enhance the scope and depth of learning. Open Elective Courses and Multidisciplinary Project are some of the avenues for inter-disciplinary learning of the students. Online Courses provide unique opportunity for the students to expand the horizons of knowledge. This helps the students to use the best teaching learning resources around the world. The students are encouraged to participate in various socially responsible activities inside and outside the college through NSS, YRC, RRC, Rotaract, ECO Clubs, to have diversified enriching experience in the campus.**

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C6/6.2.1%2025th%20Governing%20Council%20Meeting%20Minutes_highlighted.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.

Chairman of the College holds the highest office and he is the Chairperson of the Governing Council which is the statutory decision making body of the College for all the administrative and academic activities. Based on the recommendations of the Governing council, the Principal takes decisions in the academic, administrative and research and development activities of the Institution. The members of the Management shoulder the responsibilities of the College as Chief Executive Officer, Joint Chief Executive Officer, Director-Administration and Director-Research and Development. The other statutory bodies of the College are Academic Council, Board of Studies and Finance Committee. The Academic Council it is the apex body for approving the curriculum & syllabus and academic regulations and the Board of Studies of each Department prepares the Curriculum and Syllabi.

The Principal is assisted by a dynamic leadership team consisting of Vice Principal, Deans, Heads of the Departments and Controller of Examinations. The Management actively takes part in overseeing the day-to-day working of the college. All the important decisions are taken at the meeting of Heads of the Departments in a participative manner. The Controller of Examination is responsible for all the examination related activities of the College.

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://sethu.ac.in/AQAR2021-2022/doc/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

The College offers a wide range of welfare measures to suit the needs of the teaching and non-teaching staff members and focuses on the well-being of the employees.

- **Provision for a separate lunch room for the benefit of staff members and girl students.**
- **Provision of canteen in the campus,**
- **The management grants maternity leave to the women employees, for a period of 60 days with full pay and limited to the first two living children.**
- **Educational loan for higher studies**
- **Group Insurance Scheme.**
- **Interest Free loans for emergency.**
- **Free admission or concession of fees for children of employee.**
- **Free Transport for faculty and staff.**

- The members of staff are covered under Employment Provident Fund Scheme as per the act.
- TA, DA and other expenses for attending Conferences and training Programmes
- Group Insurance for all students and their parents, faculty and staff
- Ambulance facility

Career Development

Career development avenues are available for faculty members and promotion to higher level of service shall be made subject to availability of the posts, eligibility of the staff, based on merit, efficiency and the norms, besides the commitment of the staff to the cause of all-round development/improvement of the corporate life of the institution.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C6/6.3.1%20SIT-HR-Manual-final.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

3

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

13

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.)

85

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

Internal audits are conducted by the Accounts Section of the College. The Internal Audit is conducted on revenue expenditure, fixed assets, advances paid, fees collection, infrastructure augmentation, and preparation of filing IT returns for Income Tax. The college prepares the budget based on the expected revenue and expenditure provided in the audit report. All vouchers are verified in the Internal Audit. Cash inflow and expenditure are monitored using Tally software and cash collected at the counter is deposited in the account every day.

The accounts of the College are audited every year by a registered Chartered Accountancy Firm. The financial statements are also certified by the Audit Firm. The balance sheet is prepared by the audit firm. The sources of fund and the application of funds are clearly analyzed and balanced. The income expenditure account is also analyzed by the audit firm and a comparison with previous year income and expenditure is provided. The grants received from the funding agencies are audited and certified by the Chartered Accountant and the Statement of account and Utilization

Certificate are submitted to the funding agencies.

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

Mobilization of Funds:

The College mobilizes resources through several avenues such as student's tuition fee, hostel fee. Besides, the college also taps funds from all possible sources including the government and non-government bodies. Management is a major contributor. Contributions from alumni and philanthropists, Consultancy are also the key sources of revenue for the institution. The resource mobilization of the College is done through student enrolment, infrastructural and research grants, funds through consultancy, funds from alumni and donations by philanthropists. The sustenance of the College relies mainly on student enrolment, as it ensures financial stability of the Institution.

Optimum Utilization of Resources:

The Budget proposals from various Departments and sections are consolidated and the College Level Budget is presented to the Management. The maintenance expenditure of the Institution is the major expenditure for our College with 25 years of standing. The College insists on routine maintenance and thereby reducing

expenditure on major breakdown or repair. The laboratories of one Department are shared by other Departments also to optimize the usage of lab resources. Through careful usage of electricity, vehicle and water the expenditure for those resources are also optimized.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://sethu.ac.in/AQAR2021-2022/doc/C6/Resource%20Mobilization%20Policy_Sign.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)

The IQAC of the College has contributed towards institutionalizing the quality assurance strategies. Regular academic and administrative audits are conducted to ensure quality of all processes. Suitable corrective actions are taken based on the audit report.

The College formulates strategic plan in alignment with the Vision and the Mission of the College. The IQAC Cell formulates the strategic plan policy in consultation with the various stake holders and monitors the successful implementation of the planning. The Strategic Plan for the Period 2022-2027 is developed based on NEP 2020.

Promoting innovation culture among the faculty and students is one of the main goals of the College in alignment with the Strategic Plan. The College maintains an Innovation Ecosystem by providing ample laboratory facilities and equipment to carry out Innovative and Research projects. Courses such as Creative Thinking and Innovation and Product Development Project are offered to the students to motivate the students to do innovative projects that would be helpful to the society. Our college has been sanctioned with 111.75 Lakhs for the Idea proposals under the incubation component of MSME Innovative Scheme (Incubation, Design & IPR) of MSME champion scheme in the year 2021-2022.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://sethu.ac.in/AQAR2021-2022/doc/C6/6.5.1%20LInk%20for%20Additional%20Information.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

The College adopts Outcome Based Education (OBE) in curriculum design, teaching & learning and evaluation processes. In OBE the students learning is measured through the attainment of COs, POs and PSOs. The analysis of attainment of outcomes is very essential in OBE. The College reviews the teaching learning process through the analysis of attainment of Program Outcomes, Program Specific Outcomes and Course Outcomes. The learning outcomes COs, POs and PSOs are properly reviewed through IQAC setup. Due to Pandemic the classes and tests in the academic year 2021-2022 were conducted mostly in online mode and the process for attainment analysis is also slightly modified. Based on the attainment analysis of COs it is suggested that students should be encouraged to do more Online courses.

The teaching learning process is reviewed by the Heads of the Departments on a periodical basis. The feedback about the teaching learning process is obtained from the students in the Class Committee Meetings. Suitable corrective actions are carried out wherever required.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://sethu.ac.in/AQAR2021-2022/doc/C6/MOM_merged_high.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   **A. Any 4 or all of the above**

**other quality audit recognized by state,
national or international agencies (such as
ISO Certification)**

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

- Safety and Security

- Counseling

- **Common Room**

- **Day Care center for Kids**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	[https://sethu.ac.in/AQAR2021-2022/doc/C7/7.1.1%20additional%20info.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 are being organized by the volunteers of Eco Club and NSS to create awareness among the Students and staff and Faculty members to sensitize about solid waste management.

LIQUID WASTE MANAGEMENT

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

BIOMEDICAL WASTE MANAGEMENT

Bio-Medical waste is subjected to various treatment methods such as local autoclaving, microwaving, incineration, Disinfection, chemical treatment, shredding, deep burial and disposal in secured landfills.

E-WASTE MANAGEMENT

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

HAZARDOUS CHEMICALS AND RADIOACTIVE WASTE MANAGEMENT

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

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[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

A. Any 4 or All of the above

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**

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:

A. Any 4 or all of the above

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

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

7.1.7 - The Institution has a disabled-friendly   A. Any 4 or all of the above

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.

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).

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

Gender inclusivity

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

Social, Communal and Cultural inclusivity:

- **Two units of 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:

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

1. Red Ribbon Club motivates and guides the student's community to extend their kind help towards developing healthy life styles, donating blood to all the needy by promotion of Regular voluntary blood donation.

2. National Service Scheme provides the students an opportunity

to understand the community, social and civic responsibilities.

3. To create awareness about the society Youth Red Cross involve more than 300 volunteers for Social activities.

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

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

6. WEC conducts Guest lectures, special talks and gender inclusivity programs for all the women to ensure women rights and women safety.

Armed Forces Flag Day is celebrated through NSS and fund has been collected for the welfare of the defense people.

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

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

A. All of the above

File Description	Documents
Code of Ethics - policy document	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.

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

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

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

Teachers' Dayis celebrated in our Institution on 5th September by paying tribute to thefaculty members.

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

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

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

National Mathematics Day is celebrated on 22 December,Guest

Lecturesare organized for the students to celebrate the mathematics in the real life.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	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 Practices 1

Women Empowerment cell is active in the college since 2005 to empower girl students, to enhance understanding of issues related to women and to make the college campus a safe place for women students and faculty members. WEC serve as a starting point and personalized to meet the specific needs and goals of a particular Women. The main motive of this cell is to create a safe and inclusive learning environment for all students, regardless of gender.

Best Practices 2

Start up and innovation eco system

- **The main motive of the institution is to promote student's ideas which are having a great potential to become a good product or a service which should benefit the society.**

- **To encourage students to become entrepreneurs and make path for the creation of a better society.**

- **To provide knowledge about government schemes and financial support provided for entrepreneurship.**

- **Enhancement of technical and Business skills of the students required for entrepreneurship.**

- **The management supports the students with the help of faculty Entrepreneurship is the key to National growth and is the need of the day. Higher educational institutes play an important role in nourishing the skill sets required to become an entrepreneur.**

File Description	Documents
Best practices in the Institutional website	https://sethu.ac.in/wp-content/uploads/2023/06/7.2.1-Best-Practice.pdf
Any other relevant information	https://sethu.ac.in/AQAR2021-2022/doc/C7/7.2.1%20anyother1.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)

Title of the Practice:

Holistic Multidisciplinary Learning

Multidisciplinary learning is to emphasize the integration of various disciplines or subject areas to provide a comprehensive and interconnected understanding of the world. The following are some of the pathways to inculcate multidisciplinary learning to the students.

1. Open Elective Courses (OEC):

The open elective course allows students to choose from a diverse range of subjects outside of their main field of study. These courses are typically offered in our college which provides the flexibility to explore various academic areas and broaden their knowledge. Open elective courses are optional and can be selected based on personal interest or to develop new skills.

2. Multidisciplinary Project:

The goal of multidisciplinary learning is to provide students with a more holistic and well-rounded education by breaking down the traditional barriers between subjects. It recognizes that real-

world problems and challenges are rarely confined to a single discipline, and addressing them requires a combination of perspectives and expertise. The final year students can choose the multi-disciplinary project instead of project work which consists of:

- Phase – I – Concept Learning

- Phase-II – Multi-disciplinary Project Work

3. Inter disciplinary Courses:

The objective of interdisciplinary curriculum is to provide students not only with an understanding of the central topic, but a deep comprehension of the relationships and broader context of the topic. Courses such as this can serve to expand the understanding of students from both disciplines, while providing a deeper understanding of the core premise.

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. The guidelines of AICTE, UGC and norms of Accreditation bodies help to identify the National Developmental needs. Relevant courses are identified and draft curriculum is designed in the PAC meeting. Program Articulation Matrix mapping the courses with POs and PSOs is developed 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 to facilitate the experience of Inter-disciplinary, Multi-Disciplinary courses, Open Electives, Internships, Online Courses, Self-learning Electives, Certification Programs, Skill and Personality Development Courses. Students can choose their own course and acquire knowledge to meet societal needs. Skill and Personality development courses inculcate their responsibility towards the societal needs through various club activities.

File Description	Documents
Upload additional information, if any	[View File]()
Link for additional information	http://sethu.ac.in/AQAR2021-2022/doc/C1/1.1/1.1.1-LINK%20FOR%20ADDITIONAL.pdf

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

18

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

383

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

245

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

18

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, 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 'Value Education and Human Rights' are offered as mandatory courses. The soft skills course is offered to impart life skills to all. All the students are asked to address these cross-cutting issues in their project work, to offer solutions with a consciousness of these issues, and to use their innovative ideas with imaginative and logical thinking in solving the issues. Students participate in the field visits, Internships to expose to the environmental issues related to their discipline.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	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

21

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

1833

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

2266

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

970

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)

702

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, bridge courses, and life skill programs 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, Tutorial Questions and course material are provided to the slow learners for easy learning.

Advanced Learners

Advanced learners are encouraged through participation in activities like paper presentation, Project contests, R&D and consultancy, internship. Through Career Guidance guest lectures, the students are motivated to appear for competitive exams like GATE and GRE. 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	<u>View File</u>
Paste link for additional information	<u>https://sethu.ac.in/AQAR2021-2022/doc/C2/2.2.1%20link%20document.pdf</u>

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/08/2022	4301	228

File Description	Documents
Upload any additional information	<u>View File</u>

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**
- **Inplant training**
- **Extension Activity**
- **Association Activities**

Participative Learning

It offers possibilities for students to acquire professional values, knowledge, and skills. Students are engaged to take

part in the many learning opportunities the college offers.

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

Problem Solving Methodologies

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

- Courses which have engineering problem
- Project work
- Mini Project
- Innovation Activities

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	http://sethu.ac.in/AQAR2021-2022/doc/C2/2.3.1%20Student%20Publication%20details%20with%20correction-14-72.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.
- The faculty members regularly use ICT tools for conducting Quiz using various platforms like Class Marker, Kahoot, Testmoz, Quilgo etc.

Webinars, workshops and conferences are conducted using ICT technologies and the students participated in these programs. The faculty members upload their lectures in the internet so that the students can refer at any time. The faculty members also upload the course materials in 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

210

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 Vice Principal, Controller of Examinations and one Head of the Department. The

Committee prepares Institute Academic calendar as per statutory bodies and the University. The Academic Calendar consists of a detailed academic plan including the dates of commencement of classes, schedule of internal assessment tests, academic events, number of working days, last working days, commencement of End Semester Examinations, list of holidays etc. After the publication of Institute academic calendar each department prepares their respective Department Academic calendar which includes Events conducted by the departments, parents meeting, Association Meetings, Project Review Meeting etc.

Timetables

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

Teaching Plans

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

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

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

2.4 - Teacher Profile and Quality

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

228

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

87

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)

7.28

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

15

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

0.85

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	https://sethu.ac.in/AQAR2021-2022/doc/C2/25.3%20Link%20for%20information.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 knowledge and skills required for the students on three domains of learning. The college also follows taxonomies like Blooms Taxonomy.

Similarly, the PSOs are also framed by the respective Programs. COs are also framed in accordance with the POs and PSOs and also considering the feedback of the stakeholders. Each

Programme has twelve POs and 2 PSOs. Each course has six COs .

Display of Programme Outcomes and Course Outcomes:

The following are the methods of display and communication to teachers, students and parents of the POs, PSOs and COs

- The POs, PSOs and COs are published in the website for disseminating the statements
- The students are briefed about the statements 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	https://sethu.ac.in/AQAR2021-2022/doc/C2/2.6.1%20Link%20for%20Information.pdf

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

- 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).
- Course Committee evaluates the attainment of COs and prepares report of CO attainment along with the suggestions for the improvement.
- POs and PSOs are carefully mapped with Course Outcomes. The Course Outcomes are mapped with the Semester End Examination Questions.
- Direct assessment of the POs & PSOs is based on the attainment of the respective mapped course outcomes.
- Indirect assessment of the Program Outcomes consists of the Feedback from the Stakeholders.
- Assessment of attainment of POs & PSOs is carried out

> based on the performance of the students in Direct Assessments and the Indirect Assessments.

The Program level CO attainment and PO attainment is analysed by the Program Assessment Committee, Department Advisory Board and Board of Studies. The members of these forums give suggestions. The institute level review of CO & PO attainment analysis are carried out by the Internal Quality Assurance Cell. Suitable actions are initiated by the Programme coordinator based on the suggestions provided in the various forums for the improvement in the attainment of COs and POs.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://sethu.ac.in/AQAR2021-2022/doc/C2/2.6.2%20Link%20for%20Additional%20Information.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

1058

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://sethu.ac.in/AQAR2021-2022/doc/C2/2.6.3%20Annual%20report%20scanned.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/wp-content/uploads/2023/03/action-taken-report-2021-22.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Given that research and development is an additional aspect of the primary academic activity, 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) was developed. Its main goal is to support young students in their development by helping them work with fresh concepts and turn them into prototypes.

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)

0.22

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

1

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)

111.75

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

11

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://sethu.ac.in/AQAR2021-2022/doc/C3/3.2.2 Additional projects.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

3

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

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://sethu.ac.in/AQAR2021-2022/doc/C3/AQ_3.2.4_Paste%20link%20for%20funding%20agency.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 nurtures innovative culture among the students and faculty members by conducting various programmes and contests and maintains Innovation Ecosystem in the College. Sethu Institute of Technology has an Institution Innovation Council (IIC) in association with MHRD established in the year of 2018. The College motivates the faculty and students to participate in various national and international level contests and also filing patents in their innovative ideas. IIC has received 4.5 Star ratings consistently for conducting various Innovative programs and Contests. The College has an effective Entrepreneurship Development Cell (EDC). In SIH 2022 our student teams won first prize in software edition and runner up award in hardware edition. In the academic year 2021-2022, our college has sanctioned 111.75 Lakhs for the Idea proposals under the incubation component of MSME Innovative Scheme (Incubation, Design & IPR) of MSME champion scheme. We have also initiated an Agri-startup, SMJ

Smart products pvt Ltd, received a Grant-in-Aid of Rs.25 Lakhs under RKVY-RAFTAAR scheme. Our College effectively maintains the Innovation Ecosystem, by motivating the students and faculty to carryout innovative projects, providing ample facilities to carry out innovative projects and facilitating to carry out innovative projects for socially related issues.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C3/3.3.1%20Link%20for%20Additional%20Information_1.pdf

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

28

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

18

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

145

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

5

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C3/3.4.4_Paste%20link%20for%20book%20publication.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

268

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

29

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)

3.2025

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

0.5

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

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 organized by college clubs and societies have a hugely positive impact on student personal and professional development. These activities sensitize students to social issues and create a sense of responsibility towards society. The clubs include NSS, Initiative Club, Rotaract Club, Youth Red Cross, Yi Yuva Club, ECO Club, Red Ribbon Club, and Women Empowerment Cell, that organize and execute social service activities for the betterment of society.

For instance, NSS has been active in Swachh Bharath

initiatives, tree plantations, and water conservation programs in nearby villages. Such activities help create a sense of responsibility, leadership skills, and self-confidence in students. Moreover, departments of the college organize programs on health, hygiene, diet awareness, tree plantation, and plastic eradication. These activities contribute to the students' holistic development by developing their hidden talents and personalities.

Extensive activities create socially aware individuals with a sense of empathy for the community and a holistic perspective towards life. They bridge the gap between the college and neighbourhood community, enabling the students to contribute to society's development more effectively. Therefore, extension activities are an integral part of a college's curriculum, as they help create a lasting impact on students, making them responsible and socially aware citizens.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C3/3.6.2%20Paste%20link%20for%20additional%20information.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

9

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)

32

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

32

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

297

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)

11

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 38). The campus is spread over an extent of 132
acres with a built-up area of about 49659.44 Sq.M with high-
standard buildings, classrooms, laboratories, auditorium, and
library. The college is easily accessible through road, rail,
and airways from Madurai. All building zones are well connected
by bituminous roads. All departments and building sections are
functioning in separate blocks with complete adequate
facilities. Each department has a sufficient number of
classrooms, department library, and laboratories with well-
conditioned instruments and equipment to conduct the practical
classes. The college has a sufficient number of well-equipped
and ventilated study rooms & common rooms, an air-conditioned
auditorium with a seating capacity of 800 people with
centralized ACs, and seminars that provide a perfect learning
ambiance. The college has an air-conditioned conference hall
utilized for conducting Governing Council, Academic Council,
and other meetings such as HODs meetings and special meetings.
All departments and sections are well connected by
communication systems of landlines, intercoms, Broadband
systems, Wi-Fi, mobile phones, fax, and mail for faster
communication. There are separate hostels for Gents and Ladies
to cater to inland and foreign students with Wi-Fi systems.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C4/ 4.1.1-Link%20for%20additional%20informati on%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 department of physical
education insports village with 25 acres grounds and buildings
for different games; it has been functioning under experienced,

skilful and doctorate Physical Director to train the students
to identity advancement, solidarity and administration
characteristics among students.

Yoga Centre:

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

Cultural Activities:

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

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C4/Cultural%20activities%202021-22.pdf

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

85

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)

191.18

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)

MODERNLIB SOFTWARE

The Central Library provides excellent service facilities for all the students and faculty members, such as sufficient books, proper seating and reading facility, attractive modern building with high-speed WI-FI connectivity, OPAC, cleanliness etc. Open Access System is followed in our Institution. In addition to the well-stocked Library, proper classification and arrangement of books, library to facilitate easy access to the Faculty, Students, and Research Scholars.

MODERNLIB is a popular and advanced Integrated Library Automation Management software, user-friendly, cost-effective, multi-user, windows based automation software using our central library.

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)

Computerization of all activities of library, the software which includes acquisition, issue, return, renewal, clearance, loss, binding, recovery and missing pages etc. A student or staff can search the entire database to find a book based on different criteria, namely author, title subject etc. Gate register for students and staffs, software package is fully integrated with barcode options.

Library Software Details

Name of the ILMS Software

Nature of automation

(Fully or Partially)

Version

Year

MODERNLIB

Full

2016

2002

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C4/4.2.1%20Paste%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)

0.44

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

170

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

Firewall with UTM throughput of 3Gbps ('SOPHOS XG430') is installed and all the network zones are created and managed through this equipment. For proper usage of Internet, the Internet stream is regulated and policies are created in the firewall for students and staff members. 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.49 licensed softwares and 14 Open source software are installed and maintained in the campus. Microsoft Campus Agreement is being renewed for each academic year. Windows Base License is available for all the machines with windows operating system. 3 software modules were developed in 2016 by ERP center for effective management of student and staff related information New Mobile app was introduced in 2019 for student exam schedule and seating arrangement. 18 centralized servers and individual department servers are maintained.The College has a dedicated team for SNA.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C4/4.3.1%20Link%20for%20Additional%20information.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4301	1142

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	https://sethu.ac.in/AQAR2021-2022/doc/C4/4.3.4%20Link%20Facilities%20available%20for%20e-content%20development.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)

429.73

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.

Maintenance of Buildings:

Civil works including maintenance of buildings, plumbing, and carpentry are being maintained by theinstitution.

Electrical Work:

Maintenance of electric infrastructure is carried out by the Electrical Department appointed by theinstitution. The electricians are qualified to conduct all the works necessary for providing uninterruptedpower supply to the entire campus.

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System Maintenance and Administration:

IT enabled accessories are purchased and maintained regularly.
All computers in the college are enabled with internet
facility. A system of in-house maintenance is followed by the
SNA department which installs and maintains the computers and
their accessories.

Laboratories:

The equipments of laboratories are purchased with the approval
of the Management, Finance Committeeand Purchase Committee. The
labs in charges take complete responsibility of the maintenance
of all thelaboratories. Library:

Books have been purchased as per the need of the curriculum and
periodical maintenance also has beenprovided. Books and Stock
verification process is done at the end of the academic year.
Sports: Director of Physical Education with his team are the
competent authorities to maintain the sports materialsand
Gymnasium. The playground maintenance is done on daily basis.
The need based replacement systemis in existence for the sports
items and maintenance of permanent equipments in Gymnasium.
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File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C4/4.4.2%20maintainance.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

2587

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

633

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/AQAR2021-2022/doc/C5/5.1.3%20weblink.pdf
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

1265

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

306

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

29

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

7

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

Realizing students' role in accomplishment of the mission of the institution, the College understands the importance of student bodies.

- **The college has a Student Association in each Department.**

- Every association comprises of Secretary, Joint Secretary, Treasurer, Office Bearers and committee members guided by the faculty in-charge of the departments. Also the academic and administrative bodies of the College have the student representatives to enhance the traits of decision-making and leadership.
- The Internal Quality Assurance Cell (IQAC) coordinates the quality assurance activities of the College. It has representation of students and alumni in addition to the Heads of the Departments.
- The student volunteers of the NSS aim at developing student personality 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 extra-curricular, cultural and social related activities.
- The student representatives of the Student Welfare Committee provide suggestions on various issues of the college including infrastructure, co-curricular, and extra-curricular and support services. The Student Welfare Committee regularly meets and the Principal is the convenor of the committee. The suggestions given by the students are properly addressed.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://sethu.ac.in/AQAR2021-2022/doc/C5/5.3.2%20weblink_signed.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

Sethu Institute of Technology, established in 1995, is an Autonomous Institution, affiliated to Anna University, and approved by AICTE, New Delhi. The first batch of students graduated in the College in the year 1999. Since then, around 20000 graduates obtained their degrees in various streams of Engineering and Technology. The alumni provide support to the students through interaction, financial funding, guidance and placement. The Alumni Association of Sethu Institute of Technology became vibrant under the stewardship of the Founder and Chairman Mr. S. Mohamed Jaleel, and the Association has Chennai Chapter, UAE Chapter and Bangalore Chapter. The association plans and coordinates the alumni reunion events and allow the alumni to express their thanks to their Alma Mater.

The Alumni members extend their support through:

- Acting as members in the Department Advisory Board, Board of Studies, Internal Quality Assurance Cell, etc.
- Serve as role models for students through distinguished services in different fields of service.
- Some of our alumni are entrepreneurs and they are motivating the budding engineersto become an entrepreneur by sharing their experience.
- PADIKKATTUGAL (STEPS) is one of the examples for alumni social responsibility, started by an alumnus M. Kishore, ICE department, which renders its service to orphanages, old age homes etc.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://sethu.ac.in/AQAR2021-2022/doc/C5/5.4%20Alumni.pdf

5.4.2 - Alumni's financial contribution during the year	D. 2 Lakhs - 5 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

Vision

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

Mission

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

The Colleges emphasizes envisions to promote excellence in the field of technical education and imbibe research culture among the faculty and students, which will be beneficial for the society. The Mission statements stipulate the strategies to achieve the Vision of the Institution. The governance of the college is guided by the Governing Council. The Strategic Plan of the College has the following 4 goals in alignment with the Vision of the Institution

- Excellence in technical education
- Excellence in research
- Excellence in industry interaction
- Excellence in institutional effectiveness

The College follows Participative Management System in all its decision making process and the faculty members are involved in at all levels.

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

Decentralization in Working

Decentralization in working is practiced at different levels in the college and stakeholders are involved in the process of decision making based on collective wisdom. All the policy decisions of the College are taken based on the guidance of the Governing Council. The various functions of the college is delegated to Deans and Heads of the Departments so thatthe decision making can be done quickly. With proper formation of various committees, smooth conduct of the college is achieved.

Principal is the Head of the Institution and he delegates the various academic responsibilities to Deans, Controller of Examination and Heads of the Departments for smooth functioning of Academic and other activities. The functions and responsibilities are decentralized and they carry out their responsibilities in their respective areas. Staff council meeting is an executive council to take decisions in academic, research and industry institute interaction initiatives, etc. In addition to these, the other responsibilities are delegated to senior faculty members to look after all areas of the Institution.

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/AQAR2021-2022/doc/C6/6.1.2%20SIT%20COMMITTEES%20final_Signed.PDF]()

6.2 - Strategy Development and Deployment

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

The College prepares a Strategic plan for the development on a periodic basis taking into consideration the views of the stakeholders. The Strategic Plan (2016 – 2022) is derived from the Vision and the Mission of the College.

Successful Implementation of an Activity: Enriching Student Experience to Promote Excellence

- Enriching student experience and promoting student excellence is of paramount importance to achieve excellence in technical education. The choice based credit system facilitates the students to take courses of their choice, learn at their own pace, undergo additional courses and acquire more than the required credits, and adopt an interdisciplinary approach to learning to enhance the scope and depth of learning. Open Elective Courses and Multidisciplinary Project are some of the avenues for inter-disciplinary learning of the students. Online Courses provide unique opportunity for the students to expand the horizons of knowledge. This helps the students to use the best teaching learning resources around the world. The students are encouraged to participate in various socially responsible activities inside and outside the college through NSS, YRC, RRC, Rotaract, ECO Clubs, to have diversified enriching experience in the campus.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C6/6.2.1%2025th%20Governing%20Council%20Meeting%20Minutes_highlighted.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.

Chairman of the College holds the highest office and he is the Chairperson of the Governing Council which is the statutory decision making body of the College for all the administrative and academic activities. Based on the recommendations of the Governing council, the Principal takes decisions in the academic, administrative and research and development activities of the Institution. The members of the Management shoulder the responsibilities of the College as Chief Executive Officer, Joint Chief Executive Officer, Director-Administration and Director-Research and Development. The other statutory bodies of the College are Academic Council, Board of Studies and Finance Committee. The Academic Council it is the apex body for approving the curriculum & syllabus and academic regulations and the Board of Studies of each Department prepares the Curriculum and Syllabi.

The Principal is assisted by a dynamic leadership team consisting of Vice Principal, Deans, Heads of the Departments and Controller of Examinations. The Management actively takes part in overseeing the day-to-day working of the college. All the important decisions are taken at the meeting of Heads of the Departments in a participative manner. The Controller of Examination is responsible for all the examination related activities of the College.

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://sethu.ac.in/AQAR2021-2022/doc/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

The College offers a wide range of welfare measures to suit the needs of the teaching and non-teaching staff members and focuses on the well-being of the employees.

- Provision for a separate lunch room for the benefit of staff members and girl students.
- Provision of canteen in the campus,
- The management grants maternity leave to the women employees, for a period of 60 days with full pay and limited to the first two living children.
- Educational loan for higher studies
- Group Insurance Scheme.
- Interest Free loans for emergency.
- Free admission or concession of fees for children of employee.
- Free Transport for faculty and staff.
- The members of staff are covered under Employment Provident Fund Scheme as per the act.
- TA, DA and other expenses for attending Conferences and training Programmes
- Group Insurance for all students and their parents, faculty and staff
- Ambulance facility

Career Development

Career development avenues are available for faculty members and promotion to higher level of service shall be made subject to availability of the posts, eligibility of the staff, based on merit, efficiency and the norms, besides the commitment of

the staff to the cause of all-round development/improvement of the corporate life of the institution.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sethu.ac.in/AQAR2021-2022/doc/C6/ 6.3.1%20SIT-HR-Manual-final.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

3

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

13

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.)

85

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

Internal audits are conducted by the Accounts Section of the College. The Internal Audit is conducted on revenue expenditure, fixed assets, advances paid, fees collection, infrastructure augmentation, and preparation of filing IT returns for Income Tax. The college prepares the budget based on the expected revenue and expenditure provided in the audit report. All vouchers are verified in the Internal Audit. Cash inflow and expenditure are monitored using Tally software and cash collected at the counter is deposited in the account every day.

The accounts of the College are audited every year by a registered Chartered Accountancy Firm. The financial statements are also certified by the Audit Firm. The balance sheet is prepared by the audit firm. The sources of fund and the application of funds are clearly analyzed and balanced. The income expenditure account is also analyzed by the audit firm and a comparison with previous year income and expenditure is provided. The grants received from the funding agencies are audited and certified by the Chartered Accountant and the Statement of account and Utilization Certificate are submitted to the funding agencies.

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

Mobilization of Funds:

The College mobilizes resources through several avenues such as student's tuition fee, hostel fee. Besides, the college also taps funds from all possible sources including the government and non-government bodies. Management is a major contributor. Contributions from alumni and philanthropists, Consultancy are also the key sources of revenue for the institution. The resource mobilization of the College is done through student enrolment, infrastructural and research grants, funds through consultancy, funds from alumni and donations by philanthropists. The sustenance of the College relies mainly on student enrolment, as it ensures financial stability of the Institution.

Optimum Utilization of Resources:

The Budget proposals from various Departments and sections are consolidated and the College Level Budget is presented to the Management. The maintenance expenditure of the Institution is the major expenditure for our College with 25 years of standing. The College insists on routine maintenance and thereby reducing expenditure on major breakdown or repair. The laboratories of one Department are shared by other Departments also to optimize the usage of lab resources. Through careful usage of electricity, vehicle and water the expenditure for those resources are also optimized.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://sethu.ac.in/AQAR2021-2022/doc/C6/Resource%20Mobilization%20Policy_Sign.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)

The IQAC of the College has contributed towards institutionalizing the quality assurance strategies. Regular academic and administrative audits are conducted to ensure quality of all processes. Suitable corrective actions are taken based on the audit report.

The College formulates strategic plan in alignment with the Vision and the Mission of the College. The IQAC Cell formulates the strategic plan policy in consultation with the various stake holders and monitors the successful implementation of the planning. The Strategic Plan for the Period 2022-2027 is developed based on NEP 2020.

Promoting innovation culture among the faculty and students is one of the main goals of the College in alignment with the Strategic Plan. The College maintains an Innovation Ecosystem by providing ample laboratory facilities and equipment to carry out Innovative and Research projects. Courses such as Creative Thinking and Innovation and Product Development Project are offered to the students to motivate the students to do innovative projects that would be helpful to the society. Our college has been sanctioned with 111.75 Lakhs for the Idea proposals under the incubation component of MSME Innovative Scheme (Incubation, Design & IPR) of MSME champion scheme in the year 2021-2022.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://sethu.ac.in/AQAR2021-2022/doc/C6/6.5.1%20LInk%20for%20Additional%20Information.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

The College adopts Outcome Based Education (OBE) in curriculum design, teaching & learning and evaluation processes. In OBE the students learning is measured through the attainment of COs, POs and PSOs. The analysis of attainment of outcomes is very essential in OBE. The College reviews the teaching learning process through the analysis of attainment of Program Outcomes, Program Specific Outcomes and Course Outcomes. The learning outcomes COs, POs and PSOs are properly reviewed through IQAC setup. Due to Pandemic the classes and tests in the academic year 2021-2022 were conducted mostly in online mode and the process for attainment analysis is also slightly modified. Based on the attainment analysis of COs it is suggested that students should be encouraged to do more Online courses.

The teaching learning process is reviewed by the Heads of the Departments on a periodical basis. The feedback about the teaching learning process is obtained from the students in the Class Committee Meetings. Suitable corrective actions are carried out wherever required.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://sethu.ac.in/AQAR2021-2022/doc/C6/MOM_merged_high.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	**A. Any 4 or all of the above**

institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	

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

- **Safety and Security**

- **Counseling**

- **Common Room**

- **Day Care center for Kids**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://sethu.ac.in/AQAR2021-2022/doc/C7/ 7.1.1%20additional%20info.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 are being organized by the volunteers of Eco Club and NSS to create awareness among the Students and staff and Faculty members to sensitize about solid waste management.

LIQUID WASTE MANAGEMENT

Wastewater is treated by the fully automatic sewage treatment

plant (STP) of 4 lakh Litres capacity using Fluidized Bed Bio Reactors (FBBR) with an investment of Rs.22.7 Lakhs established

BIOMEDICAL WASTE MANAGEMENT

Bio-Medical waste is subjected to various treatment methods such as local autoclaving, microwaving, incineration, Disinfection, chemical treatment, shredding, deep burial and disposal in secured landfills.

E-WASTE MANAGEMENT

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

HAZARDOUS CHEMICALS AND RADIOACTIVE WASTE MANAGEMENT

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

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	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	View File
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).

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

Gender inclusivity

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

Social, Communal and Cultural inclusivity:

- Two units of 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:

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

1. **Red Ribbon Club motivates and guides the student's community to extend their kind help towards developing healthy life styles, donating blood to all the needy by promotion of Regular voluntary blood donation.**

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

3. **To create awareness about the society Youth Red Cross involve more than 300 volunteers for Social activities.**

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

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

6. **WEC conducts Guest lectures, special talks and gender inclusivity programs for all the women to ensure women rights and women safety.**

Armed Forces Flag Day is celebrated through NSS and fund has been collected for the welfare of the defense people.

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

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	**A. All of the above**

File Description	Documents
Code of Ethics - policy document	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.

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

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

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

Teachers' Dayis celebrated in our Institution on 5th September by paying tribute to thefaculty members.

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

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

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

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

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	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 Practices 1

Women Empowerment cell is active in the college since 2005 to empower girl students, to enhance understanding of issues related to women and to make the college campus a safe place for women students and faculty members. WEC serve as a starting

point and personalized to meet the specific needs and goals of
a particular Women. The main motive of this cell is to create a
safe and inclusive learning environment for all students,
regardless of gender.

Best Practices 2

Start up and innovation eco system

- The main motive of the institution is to promote
  student's ideas which are having a great potential to
  become a good product or a service which should benefit
  the society.

- To encourage students to become entrepreneurs and make
  path for the creation of a better society.

- To provide knowledge about government schemes and
  financial support provided for entrepreneurship.

- Enhancement of technical and Business skills of the
  students required for entrepreneurship.

- The management supports the students with the help of
  faculty Entrepreneurship is the key to National growth
  and is the need of the day. Higher educational institutes
  play an important role in nourishing the skill sets
  required to become an entrepreneur.

File Description	Documents
Best practices in the Institutional website	https://sethu.ac.in/wp-content/uploads/2023/06/7.2.1-Best-Practice.pdf
Any other relevant information	https://sethu.ac.in/AQAR2021-2022/doc/C7/7.2.1%20anyother1.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)

Title of the Practice:

Holistic Multidisciplinary Learning

Multidisciplinary learning is to emphasize the integration of various disciplines or subject areas to provide a comprehensive and interconnected understanding of the world. The following are some of the pathways to inculcate multidisciplinary learning to the students.

1. Open Elective Courses (OEC):

The open elective course allows students to choose from a diverse range of subjects outside of their main field of study. These courses are typically offered in our college which provides the flexibility to explore various academic areas and broaden their knowledge. Open elective courses are optional and can be selected based on personal interest or to develop new skills.

2. Multidisciplinary Project:

The goal of multidisciplinary learning is to provide students with a more holistic and well-rounded education by breaking down the traditional barriers between subjects. It recognizes that real-world problems and challenges are rarely confined to a single discipline, and addressing them requires a combination of perspectives and expertise. The final year students can choose the multi-disciplinary project instead of project work which consists of:

- Phase – I – Concept Learning

- Phase-II – Multi-disciplinary Project Work

3. Inter disciplinary Courses:

The objective of interdisciplinary curriculum is to provide students not only with an understanding of the central topic, but a deep comprehension of the relationships and broader context of the topic. Courses such as this can serve to expand the understanding of students from both disciplines, while providing a deeper understanding of the core premise.

File Description	Documents
Appropriate link in the institutional website	https://sethu.ac.in/wp-content/uploads/2023/06/Holistic-Multidisciplinary-Learning.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. To start one new UG Program in an emerging area

2. To submit NAAC SSR of Second cycle

3. To prepare NBA SAR of B.E. Civil Engineering Program and three PG Programs

4. To obtain more funding for innovative projects from agencies like MSME, EDII, etc..

5. To encourage faculty members to establish start ups

6. To initiate collaborative research activities with International Universities