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

2020 -21

Submitted to

National Assessment and Accreditation Council

Bangalore, India

YEARLY STATUS REPORT - 2020-2021

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. A. Merline**
• Phone No.	**04566229700**
• Mobile No:	**9976885282**
• IQAC e-mail ID	**iqac.sit@sethu.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://sethu.ac.in/wp-content/uploads/2021/10/AQAR_report-2019-20-final.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://sethu.ac.in/academic-calendar-2020-21/

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	Gold category award for Industry Institute Interaction	AICTE - CII Survey	18/08/2020	0
Sethu Institute of Technology	Scientific and Industrial Research Organization	DSIR	18/03/2019	0

8.Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI

View File

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

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

Yes

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

No File Uploaded

10.Did IQAC receive funding from any funding agency to support its activities during the year?

No

- If yes, mention the amount

11.Significant contributions made by IQAC during the current year (maximum five bullets)

Coordinating quality assurance initiative through NBA Accreditation: NBA Expert Team Visit for CSE, ECE and EEE

Faculty Training on OBE

Coordinating the activities for National Institutional ranking	
Capacity Building Workshops for Effective Implementation of OBE	
Conducting Internal Quality Assurance Initiative Meetings for the preparation of Self Study Report for the second cycle of NAAC Accreditation	
Webinar on "Examination Reforms & Assessment Strategies"	
Workshop on "Machine Learning for Research and Innovation"	

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 Business Systems and B.Tech. Biotechnology were started
NBA Accreditation	Three programs B.E. CSE, B.E. ECE and B.E. EEE Accredited by NBA under Tier-I Washington Accord
To establish industry supported laboratory	Centre of Excellence in RAI (Robotics, AI & IoT) Whizifi Robotics Lab was established
To promote blended learning	Classes were conducted both in online and physical modes
To enhance student creativity by conducting Innovation Contests	Innovation Contests and Symposia were conducted

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	25/09/2021

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
30/06/2021	09/03/2022

Extended Profile

1.Programme

1.1

Number of programmes offered during the year:

16

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

2.Student

2.1

Total number of students during the year:

4225

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

2.2

Number of outgoing / final year students during the year:

1063

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

2.3

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

1109

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

3.Academic

3.1	**908**
Number of courses in all programmes during the year:	

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

3.2	**267**
Number of full-time teachers during the year:	

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

3.3	**243**
Number of sanctioned posts for the year:	

4.Institution

4.1	**538**
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	

4.2	**91**
Total number of Classrooms and Seminar halls	

4.3	**1347**
Total number of computers on campus for academic purposes	

4.4	**1132.06283**
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The Program Curriculum is developed to achieve the Vision, Mission of the Institute, Program Educational Objectives, Program Outcomes, Program Specific Outcomes. Technology Forecast, Statutory Body Guidelines, Parent University curriculum and Stakeholders' feedback are analysed in the Program Assessment Committee. 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	[https://sethu.ac.in/AQAR2020-2021/1.1.1 CDI.php](https://sethu.ac.in/AQAR2020-2021/1.1.1_CDI.php)

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

16

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	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

295

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

47

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

16

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

`1807`

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

`2277`

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	http://sethu.ac.in/AQAR2020-2021/doc/C1/1.4/ 1.4.1stakeholders%20Feedback.pdf
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	http://sethu.ac.in/AQAR2020-2021/doc/C1/1.4/ 1.4.2stakeholders%20feedback.pdf
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

934

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)

307

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. The key issues identified during the orientation programme like Lack of communication skill, problem solving skill and programming skill and training are given in respective fields.

The College has a strong mentoring system with faculty, HoD and professional counselor to guide the mentees towards their development in academic and other activities.

Slow Learners

The Department follows a systematic procedure to identify the weak students, through their performance in Periodical Tests and End Semester Examinations. 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. Extra evening Lab hours, Question Bank, Tutorial Questions and course material are provided to the slow learners for easy learning.

Advanced Learners

Advanced learners are identified and encouraged through participation in activities like paper presentation, Project contests, R&D and consultancy, internship, certification courses like SWAYAM, NPTEL courses, Alumni guest lecture and also competitive exams. "Global Immersion Programme " has been initiated in collaboration with AIMST University, Malaysia.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://sethu.ac.in/AQAR2020-2021/doc/C2/2.2.1%20link%20document.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
29/04/2021	4225	267

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. It aims at fostering transferable skills such as problem-solving, critical thinking and reflective thinking. The following student-centric learning approaches are followed.

Experiential Learning

- Lab Demonstration
- Field work / Industrial visit
- Inplant training
- Extension Activity
- Club Activities

Participative Learning

- Group Assignments
- Seminars/ workshops
- Presentations and seminars by students
- Group discussions

Problem Solving Methodologies

- Project work

- **Spoken Tutorials**
- **Mini Project**
- **Soft skill Program**
- **Innovation Activities**

The institute gives high importance to holistic development of students beyond the classroom through co-curricular, extra-curricular and field based activities. All course curricula, session plan, time table, etc. are uploaded online in Moodle. Students can also access their timetable, attendance, result etc. on mobile.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	http://sethu.ac.in/AQAR2020-2021/doc/C2/2.3.1%20link%20document.pdf

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

The institution encourages the faculty members to employ the latest technologies for effective teaching.

- **ICT enabled classrooms facilitated with LCD and high-speed Internet access**

are established in each department

- **NPTEL, MOOC(Massive Online Open Course) and MIT open course ware**

are made available to the students

- **Virtual learning environment for both theory and Lab are initiated with**

MOODLE

Suitable innovative teaching methodologies are followed by the faculty members

- **The commonly practiced methods are**
- **Mind Mapping**
- **Z-A Technique**
- **Peer Learning**

- **Webinars**
- **Presentation of Class Summary**
- **Technical Quiz**
- **Model Creation**
- **Think Pair Share**
- **Visualizations**
- **Video Lectures**
- **Flipped Classroom**

In addition to the syllabus, augmentation topics/experiments on recent trends are included in each theory and laboratory course

Improvement in Learning

- **Improvement is evident in the Examination performance, self learning ability and participating in national/international level technical programs of the student.**
- **Methods to evaluate impact of innovative practices below**
- **Student feedback on TLP**
- **Student performance in Internal Assessment Test, University Examinations,**

technical contests etc.

- **Placement record, Employer feedback on the skills of the alumni**

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://sethu.ac.in/AQAR2020-2021/doc/C2/2.3.2%20link%20describing%20ICT%20tools.pdf
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

267

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

Academic Calendar

It consists of a detailed academic plan including commencement of classes, internal assessment tests, academic events, number of working days, last working day, list of holidays etc.

- Faculty members prepare the teaching plan which contains the topic-wise coverage details including the mode of delivery
- Examination system consists of continuous internal assessment and End semester examination, the detailed plan is given in regulation and dominated to all in various modes

Timetables

The timetables for classes are prepared and displayed in the notice boards at the beginning of each semester. Various time tables include

- Class timetable for regular classes, Internal test timetable , Special test time tables, Practical examination timetable and End semester examination timetable are prepared well advance and displayed in notice board and College website
- Lab timetables for a particular lab venue displayed in the laboratory

Teaching Plans

A detailed plan of course delivery is prepared by the faculty members before commencement of classes. Course teachers prepare Instructional System Design for each course which contains the following:

- Syllabus
- Course outcomes
- Topic-wise coverage schedule
- Modes of delivery

- **Innovative teaching methods**
- **Concept mapping**
- **Mapping of POs and COs**
- **CCM minutes**
- **Result analysis and remedial classes**

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

267

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

94

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

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

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

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 institution has an automated academic and examination process. The Controller of Examinations (CoE) office is adapting transparent practices by automating the examination processes from course registration to publication of results that can be viewed by all stakeholders through online. The examiners upload the soft copy of question papers with password protected form. The scrutinized question papers selected randomly before the examination and printed and issued to the students.

Periodically, the question papers of semester examinations audited

by academic experts. The students can pay the examination fees through online. Examination squads are constituted to ensure fair conduct of theory examinations. Appointment orders for answer script evaluators are issued through mail. Semester examination answer scripts are first assigned with dummy numbers. The result passing board verifies results and approves it for publication. The results are published in college website and student portal. Student can apply for photocopy or revaluation through online.

Students with arrears after completion of the course can also apply online for examinations. Academic verification by employers at any time of the passed out students is done by online. Any recruiter or the student can apply online to verify the genuineness of the degree and marks

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://sethu.ac.in/AQAR2020-2021/doc/C2/2.5.3%20Links%20for%20IT%20integration%20Process.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

Guidelines for framing of Course Outcomes and Mechanism of communication:

The Institution is following certain guidelines and the major guidelines are listed here

- Program outcomes are framed as per the NBA guidelines as well as all stakeholders' feedback to satisfy graduate attributes and each Program shall have at least two Program Specific Outcomes.
- Course Outcomes may be around 6 as per NBA Guidelines & stakeholders' feedback and also Course Outcomes should be based on Program Outcomes
- All course outcomes should follow Bloom's Taxonomy levels

The institution has adopted various modalities to communicate Cos of all courses and POs of all programmes to all stakeholders particularly teachers and students. The following are some of the

dissemination methods

- Instructional System Design (ISD) document
- Cumulative Internal Examination (CIE) and Semester End Examination (SEE) Question paper
- Course Log book
- Curriculum and Syllabi Book
- Laboratory manual
- Laboratory Master Record
- Department Newsletters ,Magazines and various program brochures
- Displays in various locations such as Department block, Notice boards, Seminar halls, Classrooms, Laboratories, etc.
- College and Department websites
- Meetings Like Class committee meetings, Course coordinator meetings, Program assessment committee, Department Advisory Board meeting and Board of studies

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	[View File](#)
Link for additional Information	http://sethu.ac.in/AQAR2020-2021/doc/C2/2.6.1%20Curriculum%20and%20Syllabus%20Link.pdf

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

The assessment of attainment of Course Outcomes is done based on the performance of students in the Cumulative Internal Examinations (CIE) and the Semester End Examinations (SEE). The assessment tools in CIE are tests, assignments, lab exercise, case study. The Course Committee, which consists of the course coordinator and the course instructors of the course, calculates the attainment of COs and prepares the report of CO attainment along with the suggestions for the improvement. The assessment of attainment of Program Outcomes (POs) is done based on the performance of students in the Direct Assessments and the Indirect Assessments. The direct assessment is based on the course outcome attainment analysis report and the indirect assessment is the Exit survey form. CO and PO attainment analysis are performed by the Program Assessment Committee (PAC), Internal Quality Assurance Cell (IQAC), Department Advisory Board (DAB) and Board of Studies (BoS). The members of these forums also give further suggestions for improving the attainment. Finally, the

Academic Council reviews the attainment analysis of COs and suitable actions are initiated for improvement.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://sethu.ac.in/AQAR2020-2021/doc/C2/2.6.2%20Attainment%20Analysis.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

1063

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/AQAR2020-2021/doc/C2/2.6.3Certified%20report%20from%20controller%20of%20examination.pdf

2.7 - Student Satisfaction Survey

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

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

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Sethu Institute of Technology is committed to update research facilities frequently as the research and development is another dimension of the core academic activity. The Institute encourages faculty and students in research and helps in disseminating

innovative ideas across various domains. The institute has six research centres recognized by Anna University, Chennai namely, Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering and Department of Physics. About 95 scholars are pursuing Ph.D in various disciplines under 32 recognized supervisors.

Our faculty members are actively doing research in various thrust areas like Advanced Composite materials, Adaptive Kanban Systems, IC Engines, Image Processing, data Mining, Network Security, Green solar cell, Hybrid Vehicles, Solar energy Bio-medical Instrumentation, reactor materials, nano drugs, Bio Energy, Bio-fuels, Bio-polymer for fuel cells, Corrosion, waste water management and advanced pile foundation.

To achieve greater heights in Research and Innovation, various policies such as Research Promotion Policy and Start-up Innovation and IPR Policy are designed to maintain academic integrity, the academic/research community, which include faculty, staff, research scholars and technicians should exhibit morality, trust, fair-mindedness, respect, accountability, legitimacy and proper dissemination.

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	http://sethu.ac.in/AQAR2020-2021/doc/C3/3.1.1.Research%20Promotion%20Policy.pdf
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)

0.52

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)

28

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

4

30-04-2022 10:11:24

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://sethu.ac.in/AQAR2020-2021/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

32

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

2

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	http://sethu.ac.in/AQAR2020-2021/doc/C3/3.2.4_Additional_dept_projects.pdf
Any additional information	[View File](#)

3.3 - Innovation Ecosystem

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

Sethu Institute of Technology(SIT) nurtures innovative culture among the students and faculty members and maintains Innovation Ecosystem in the College. SIT has an Institution Innovation Council (IIC) receiving 4.5 Star ratings consistently for conducting various Innovative programs and Contests. The College has an effective

Entrepreneurship Development Cell, Centre for Researches and Recognized Research centres which motivate the students to participate in various National and International level contests like Smart India Hackathon (SIH), Texas, Aarambam, TNSI, and EDII Innovative contests. In the SIH2019 our team won first prize and was awarded with the grant of Rs.75000. Our student participated in the Indo-US IIGP2.0 Innovation contest organized by DST and was awarded with a project grant of 11lakhs. The College is also establishing an Incubation Innovation Ecosystem by providing ample laboratory facilities and equipment to carry out Innovative and Research projects. In 2019 Regulation, Social and Rural Projects are included in the curriculum to motivate the students to do projects related to societal issues. In summary, the college effectively maintains the Innovation Ecosystem, by motivating the students and faculty to carry out entrepreneurial activities, encouraging them to participate in State, National and International level Innovation Contests, and providing ample facilities to carry out innovative projects.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://sethu.ac.in/AQAR2020-2021/doc/C3/3.3.1_institution_ecosystem.pdf

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

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

16

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

134

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

6

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://sethu.ac.in/AQAR2020-2021/doc/C3/3.4. 4_booksandchapters.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

196

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

8

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)

0.68

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

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

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

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

The college organizes a number of extension activities to promote institute-neighbourhood community to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college runs effectively NSS, Initiative club, Rotaract club, Youth Red Cross Society, ECO Club, Red Ribbon Club, Women Empowerment Cell, and Women Empowerment Cell etc. Through these units, the college undertakes various extension activities in the neighbourhood community.

NSS organizes a camp in nearby adopted village and several

activities were carried out by NSS volunteers addressing social issues which include cleanliness , tree plantation ,water conservation , Social interaction, Group discussion, Environmental awareness, Women empowerment, National Integrity, Aids awareness, Blood donation camp, Health check-up camp, Veterinary guidance ,Farmers meet, Awareness about farmer's suicide etc.

Other than NSS, the various departments of the college is conscious about its responsibilities for shaping students into responsible citizens of the country by making students aware of social issues through various programmes like Environmental Awareness, Personal Health and Hygiene, Diet awareness, Road Safety, Tree Plantation, Soil and Water Testing, Plastic eradication, No vehicle day, Programme on female foeticide, Voters awareness, Blood group detection ,Health check -up camps, Blood donation camps, etc.

All these mentioned activities have positive impact on the students and it developed student community relationship, leadership skill and self-confidence of students. It also helped in cultivating hidden personality of students and created awareness among students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://sethu.ac.in/AQAR2020-2021/doc/C3/3.6.1_additional%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

1

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)

13

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

1737

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

395

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)

28

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 is located in Pulloor village, Kariapatti, Virudhunagar district, Tamilnadu. The campus is spread over 132 acres with a built up area of 42666 Sq.m. of high standard buildings, classrooms, laboratories, auditorium and library. The college is easily accessible through road, rail and airways connected by bituminous roads. The college is well equipped and good ventilated with sufficient number of study rooms & common rooms, air conditioned auditorium with 800 numbers capacity and 6 seminar halls in various departments. The college has a centralized air conditioned conference hall utilized for Governing Council and Academic Council, HODs meeting and other special meetings. All departments are connected with higher level communication systems of landlines, intercoms, Broadband systems, Wi-Fi, mobile phones, fax and mails.

There are separate hostels for gents and ladies for inland and foreign students with Wi-Fi systems. In addition, the college is operating 63 buses and 15 vans to nearby towns for Students and Staff. Two AC vans are operating for transporting HODs and Professors. The college receives 11 kVA -3 phase supply from TNEB with 11/415 kV distribution transformer. Generators of 320 kVA and 125 kVA are available to provide uninterrupted power supply. Apart from that, college has installed 100kW off-grid power generated by Solar Power Plants. There are 4580 students studying in UG and PG courses. The college working hours is 9.15 AM to 4.15 PM. The central library is functioning between 8.00 AM and 7.00 PM on all working days, similarly 9.00 AM to 4.30 PM on holidays.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://sethu.ac.in/AQAR2020-2021/doc/C4/4.1.1%20Infrastructure%20and%20Physical%20facilities.pdf

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

The institution has established a sports village on 25 acres of land with grounds and buildings. The institution encourages students to

participate in various sports, games, yoga, bodybuilding and cultural activities at university, state and national level competitions and other intercollege competitions. Besides, the college especially focus on the indoor and out games such as Running tracks, long, high and triple jump tracks, Football, Hockey, Javelin & Disc,Shot Put, Kho-Kho fields, cricket ground, Handball, throw ball ground, Basketball, Volleyball court, Kabbadi court and Badminton courts. In addition, the college has infrastructural facilities for indoor games like chess and carrom. A multi-purpose Gymnasium is available in the college. Yoga, Prayer and Meditations halls are provided in ladies and gents hostel to develop a healthy life and a sound body.

Fine Arts club of the college aims at identifying various hidden talents of the students and helps to bring out the talents. An intra-collegiate cultural competition is regularly organized by the Fine arts club with 900 student participants. The SIT orchestra is a feather in the cap of the Fine Art Club. The college has "Pavendhar Bharathidhasan Arangam" with 800 capacity. Besides, major cultural events are organized in Open Air Theatre with a capacity of 5000.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	http://sethu.ac.in/AQAR2020-2021/doc/C4/4.1.2%20Facilities%20for%20Cultural%20activities%20and%20sports.pdf

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

91

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)

1132.06283

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 is an advanced Integrated Library Automation Management software, user-friendly, cost-effective and multi-user library automation software. It is a windows based package for library automation. Library Management Module, Library Circulation Module and Student Search and Inquiry Module are modules of the software. Computerization of all activities of the library, the software of all activities of the library which includes highly technical systems made easy and simple. A student or staff can search the entire database to locate a book based on different criteria, namely author, title subject author & title etc. user interface is highly intuitive. Gate register for students and staff, software package is fully integrated with barcode options. Issue of resources, return of resources, renewal of resources. User Access It allows users to search resources to see whether it is available /under circulation or under binding. In this module is user, resources, fine, catalogue stock details, gate register.

The details of the software are presented below:

Name of the ILMS Software: MODERNLIB

Nature of automation: Full

Version: 2016

Year of automation: 2002

New features included in the 2016 version are Acquisition Control System, Serials Control System, and Gate Register

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://sethu.ac.in/AQAR2020-2021/doc/C4/4.2.1%20Library%20Automation.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)

0.20898

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

165

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

4.3 - IT Infrastructure

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

The college has a comprehensive IT policy that outlines the responsible use of the Information Technology. Infrastructure at the college and all the users of IT are subject to this policy. The System and Network Administration (SNA) Department has been established with the following set up to take care of the needs of IT infrastructure and IT enabled services:

1) Network Administration

2) Server Administration

3) System Administration

4) Web Development

5) Software Development

IT Service Management

College has a dedicated team for SNA. The common servers, networking infrastructure and common licensed software and hardware are maintained by the team. The Internet stream is regulated, and policies are created in the firewall for students and staff members. SNA 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 carried out on the college servers to handle risk of information loss. Windows defender was updated every year to prevent the virus attack on systems. Proper infrastructure (Space, AC) has been provided. Around 49 licensed and 14 Open-source software are installed in the campus. Microsoft Campus Agreement is renewed each academic year. Windows Base License is available for all machines with Windows OS. 18 centralized servers and individual department servers are maintained.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://sethu.ac.in/AQAR2020-2021/doc/C4/4.3.1%20IT%20POLICY.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4225	1347

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

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

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

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

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	http://sethu.ac.in/AQAR2020-2021/doc/C4/4.3.4%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)

1124.92851

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.

College Maintenance Committee (CMC), formulated the College Maintenance Policy for maintaining and utilizing physical, Academic and Support Facilities. CMC is responsible for managing maintenance functions to maximize life & best service to the users. Various maintenance works are grouped as 'Facilities covers civil works. Technical covers mechanical, electrical and other support systems. It includes computers, UPS, A.C. & Electrical works, life safety, water supply and plumbing. Maintenance staff are responsible for monitoring the condition of residential units (hostels, guest houses, staff quarters, etc.). Convener shall perform specified preventive and routine maintenance tasks. All uncompleted work items are recorded in a work order within 24 hours of inspection. The maintenance staff shall endeavor to complete all inspection-generated work items within 30 days of inspection.

IT enabled accessories are purchased and maintained regularly. All computers in the college are enabled with internet facility. All the e- journals and e-books purchased in the library can be accessed through Intranet. A system of in-house maintenance is followed by

the SNA department which installs and maintain of computers and
their accessories. Trouble shooting is carried out by SNA department
as and when required. SNA does the renewal of the software license
and internet connectivity.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://sethu.ac.in/AQAR2020-2021/4.4.2.php

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

2632

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

562

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/capacity-development-and-skill-enhancement/
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

1784

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

427

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

47

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

1

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

122

File Description	Documents
e-copies of award letters and certificates	[View File](#)
Any additional information	[View File](#)

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

- **The college 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. The association organizes various activities of the departments.**

- **The student representatives in all the associations/societies like ISTE/ IEEE student chapters, NSS, WEC and others organize various programs like paper presentations, symposiums, workshops, seminars that are conducted every Semester.**

- **The academic and administrative bodies have the student representatives to enhance the traits of decision-making and leadership.**

The details of the activities are given below:

1. **Class Committee: The Class committee meeting is to improve the institution by redressing the academic issues. The committee consists of the student representatives from each class in every department. They discuss the academic plan, syllabus coverage, difficulties in the subjects, test pattern, result analysis and other departmental activities like symposiums, workshops, paper presentations, Mini projects, etc.**

2. **National Service Scheme: The student volunteers of the NSS aim at developing student personality through community services. The NSS Program Coordinator and NSS Program Officer motivate the volunteers to serve the society through various activities like blood donation, special camps, awareness programs, planting tree saplings, temple cleaning etc…**

3. **Training and Placement Cell: The student volunteers from each department act as placement representatives and coordinate all**

the placement programs, guest lectures and the training activities. Peer group training by the students, enhance the talents of students.

4. **Fine Arts Association:** The student representatives of the Fine Arts Association organize extra-curricular and cultural activities. The Association also organizes "Fine Arts" day every year. Under this programme various cultural events are being staged by the student volunteers for the students in different cultural events.

5. **Women Empowerment Cell:** The student representatives of the Women Empowerment Cell join hands with WEC Faculty members to enhance the understanding of issues related to women and to make the college campus a safe place for women. Aiming at intellectual and social upliftment of the girl students various competitions are conducted like Rangoli, Mehendi, Cartooning, Painting and Art from waste.

6. **Canteen:** The college canteen also has the student representatives to give suggestions about the quality and cleanliness of the canteen.

7. **Anti-ragging Committee:** Anti ragging committee student representatives actively participate in maintaining a ragging free environment in the campus. The committee also takes instantaneous action to get rid of ragging.

8. **Library Committee:** The library committee has student representatives and they provide suggestions on the functioning of the library, library timings and additional books needed.

9. **Hostel and Mess:** The Hostel and Mess committee runs with the support of student members to check and fulfil the needs of the students in the hostel.

10. **Student Welfare Committee:** The student representatives of the Suggestion Committee provide suggestions on various issues of the college including Curricular, Co-curricular, Extra-Curricular and support services.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://sethu.ac.in/AQAR2020-2021/doc/C5/5.3.2%20Student%20Council's%20Activities.pdf

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

9

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

5.4 - Alumni Engagement

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

The College has a vibrant Alumni Association. The Association has UAE Chapter, Chennai Chapter and Bangalore Chapter apart from the parent Alumni Association at the College. The Alumni Association strives to create a forum to foster a fruitful communication and a congenial relationship among the Alumnae, the students and the College. The Alumni Association organizes the alumni meet at various places through its Chapters every year. The College strongly believes that the success of the Alumni reflects the success of the Alma Mater. The College believes in the dictum that the strength of the Institution lies in the rapport maintained between the Alumni and the Institution.

The Alumni members extend their support through:

1. Acting as members in the Board of Studies, Academic Council, Internal Quality Assurance Cell, Recognized Professional Bodies and Quality Circle etc.

2. Getting permission for industrial visits in their organization.

3. Coordinating for signing MoU with companies where the alumni are

```
working.

4. Delivering Guest lectures to the students

5. Motivating the students on the current industrial expectations.

6. Each department separately conducts meetings with their alumni
members.

7. Organizing on campus off campus placement programs for the
students with the coordination of alumni.
```

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://sethu.ac.in/AQAR2020-2021/doc/C5/5.4.1%20Alumni%20Contribution.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 that the decision making can be done quickly. With proper formation of variouscommittees, 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/wp-content/uploads/2022/01/SIT-COMMITTEES.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 – 2020) is derived from the Vision and the Mission of the College. The College Vision and Mission statements emphasize on excellence in education, research, service to the society etc.

Successful Implementation of an Activity: Educational Excellence through ICT-enabled Learning

- The College is making efforts to achieve excellence in all areas of education. Enriching student experience and promoting student excellence is of paramount importance to achieve excellence in technical education. Promoting ICT-enabled learning is one of the strategies for achieving educational excellence.
- COVID-19 Pandemic pushed all institutions to migrate to online platforms. Blended mode of teaching and learning was adopted and most of the classes both theory and practical were conducted through online mode. Laboratory courses were taught using Virtual Lab facility which is an initiative of Ministry of Education (MoE) under the aegis of The National Mission on Education through ICT (NMEICT). Video conferencing platforms such as Microsoft Teams and Google Meet were mostly used for

conducting classes. Online examinations were conducted both for theory and laboratory courses.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://sethu.ac.in/AQAR2020-2021/doc/C6/6.2.1%20URL%20to%20create.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	http://sethu.ac.in/AQAR2020-2021/doc/C6/6.2.2%20Create%20link%20_Admistrative%20chart%20in%20AQAR%20website.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.

- Casual Leave of 12 days / year
- Vacation leave for teaching faculty are 14 days in winter and 28 days insummer
- Vacation leave for non-teaching staff members are 7 days in winter 14 days insummer
- On duty facility for doing higher studies
- Medical leave of 6 days per year for 5 years of service
- Pre availing of Vacation based on the needs
- Maternity leave
- EPF contribution by the Management
- TA, DA and other expenses for attending Conferences and

- training Programmes
- **Financial assistance is provided to attend International Conferences held outside India**
- **Incentives for securing 100% results in theory subjects in End Semester Autonomous Examinations**
- **Incentives for research publications, sponsored projects and consultancyworks**
- **Group Insurance for all students and their parents, faculty and staff**
- **Free transport facility**
- **Ambulance facility**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://sethu.ac.in/AQAR2020-2021/doc/C6/6.3.1%20Paste%20link%20create%20doc.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

6

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

25

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.)

153

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

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 grants received from the funding agencies are audited and certified by the CharteredAccountant and the Statement of account and Utilisation Certificate are submitted to the funding agencies. All accounts of the college are audited regularly and no major audit objections have been raised.

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	**No File Uploaded**
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	**No File Uploaded**
Any additional information	**No File Uploaded**

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 College level Budget is reviewed and the Budget allocation is optimized by sanctioning the necessary and statutory requirements and optimizing the sanctioned amount for non-core activities. 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	<u>View File</u>
Paste link for additional Information	<u>http://sethu.ac.in/AQAR2020-2021/doc/C6/6.4. 3%20create%20url.pdf</u>

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. The College has adopted Outcome Based Education and IQAC conducted several meetings towards the Implementation of OBE.

IQAC has played a major role in institutionalizing the preparation and implementation of the Strategic plan. The two practices effectively implemented by IQAC are:

1. Implementation of OBE
2. Preparation and Implementation of Strategic Plan

Practice 1: Implementation of OBE

The College made a paradigm shift in the education process to follow Outcome based Education and the Programs define their Program Outcomes and the Program Specific Outcomes. After defining outcomes, the curriculum and syllabus, proper pedagogical and assessment methods are designed to attain the Outcomes.

Practice 2:Preparation and Implementation of Strategic Plan

The College conducted a detailed survey and SWOC Analysis report was prepared. The Strategic Plan of the College was prepared based on the strength and weakness of the College.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://sethu.ac.in/AQAR2020-2021/doc/C6/6.5.1%20to%20create%20link.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 process. 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 outcomes and the attainment of POs through Project Work.

Institutional Review: 1

Review of Attainment of Learning Outcomes by IQAC

The learning outcomes COs, POs and PSOs are properly reviewed through IQAC setup. The procedure for measuring attainment of Learning Outcomes like Course Outcomes, Program Outcomes and Program Specific Outcomes are finalized through discussion in the Internal Quality Assurance Initiative Meetings.

Institutional Review:2

Analysis of Attainment of POs and PSOs through Project Work:

The attainment analysis Learning Outcomes of the Project work is very important because the most of the Program outcomes can be attained through Project work only. The attainment analysis Learning Outcomes of the Project work is periodically reviewed in IQAC Meetings. The members provide useful suggestions and suitable corrective actions are carried out.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://sethu.ac.in/AQAR2020-2021/doc/C6/6.5.2%20to%20create%20link.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://sethu.ac.in/iqac-aqar-report/
Upload e-copies of accreditations and certification	[View File](#)
Upload details of quality assurance initiatives of the institution	[View File](#)
Upload any additional information	[View File](#)

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Every member of society wishes for equal rights and access to the resources available to them, but prejudice abounds. Many manifestations of gender bias can be found even in progressive societies and top organizations. 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. The institution assures the prominence of gender equality inside the organization and provides a standard for collective discussion and

investigation. The following facilities were provided to women

- **Safety and Security**

- **Counseling**

- **Common Room**

- **Day Care center for Kids**

Action Plan

It is planned to conduct following programs for promoting gender sensitization

- **Orientation program on legal awareness and women's rights on October 2021**

- **Awareness program for menstrual hygiene and health on November 2021**

- **Environmental safety and sanitation camp for rural women on December 2021**

- **Sanitation awareness program for school students on January 2022**

- **Women's day competition on March 2022**

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	http://sethu.ac.in/AQAR2020-2021/doc/C7/7.1.1%20UPLOAD%20LINK.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 conscious about environmental protection and equipped with facilities for the management of degradable and non-degradable wastes generated in the campus. Institution is maintained as clean and green by dedicated housekeeping members and with the support of the faculty and the students of the college. The entire campus is monitored daily by housekeeping coordinator who take necessary actions along with the regular duties to keep the campus clean. Frequently the workers will be given awareness about how to keep the campus clean and how to dispose the waste. It was stressed not to use plastics inside the campus by keeping NO PLASTICS sign board at various places inside the campus. The students and the faculty members are eventually motivated by the institution to give their support to keep the campus green and clean. The institution have separate procedures for disposing Solid waste , Liquid waste , Biomedical waste, E-waste, Waste recycling, Hazardous chemicals and radioactive waste.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[View File](#)
Geotagged photographs of the facilities	[View File](#)
Any other relevant information	[View File](#)

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

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. **Restricted entry of automobiles**
2. **Use of bicycles/ Battery-powered vehicles**
3. **Pedestrian-friendly pathways**
4. **Ban on use of plastic**
5. **Landscaping**

A. Any 4 or All of the above

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

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

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

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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	**No File Uploaded**
Any other relevant information	View File

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

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

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

Our college promotes and follows "Unity in diversity" ideology. 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 for all the women to ensure women rights and women safety.

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 and it focuses on communal and social inclusiveness by organizing Blood donation camps, rallies at regular intervals.

- To promote communal inclusivity, all religion festivals are celebrated in our campus.

- Fine arts club motivates students through cultural programs.

Economic inclusivity

- Awareness about scholarships, Education loan and educational development activities are given through Administrative office for all the students.

- Two nearby villages were adopted and guidance is given through camps.

- 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:

SIT undertakes different initiatives by organizing various activities to sensitize students to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens. To inculcate those values among the students, we felicitate the following programs:

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

2. National Service Scheme provides the students an opportunity to understand the community, social and civic responsibilities. SIT proudly celebrates Independence & Republic Day on the basis of the Rights and duties enshrined in the Constitution of India. Social awareness Programme was organized to prevent the society from "Blue whale killer game" and "Dengue fever" in collaboration with Tamil Nadu Police.

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

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

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

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

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

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

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

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

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

7.1.10 - The institution has a prescribed code 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

The College celebrates and remembers the great sacrifices of our forefathers on Independence Day, when we hoist the flag, followed by activities such as campus cleaning, tree planting etc. Students in the Halls voluntarily give up meals and the cost of the same is contributed to the welfare of the underprivileged. Pledges are regularly taken by all concerned

To honour the Republic Day we celebrated with fervor and pride it illustrates the importance of all the privileges about the nation, Teachers and students are celebrate the fact that we all stand as a united force in spite of our differences.

The World Environment Day provides an opportunity to broaden the basis for an enlightened opinion and responsible conduct by individuals, enterprises and communities in preserving and enhancing the environment and we celebrated the diversity of life on Earthwith various activities such as Tree Plantings, Clean ups etc..

"Women's Day is celebrated with enlightening lectures and activities thedayaimed to help nations worldwide eliminate discrimination against women. It also focused on helping women gain full and equal participation in global development, to create a conducive counseling environment for female gender to share their problems and conducting various competitions to encourage their artistic talents for creative thinking

National Science Dayis celebrated every year on February 28 The basic objective of celebration of National Science Day is to propagate the message of importance of science and its application among the people.

Teachers' Day was celebrated in our Institution Teacher's Day is marked in honour ofDr Sarvepalli Radhakrishnan, who was born on September 5, 1888. Dr Radhakrishnan was India's first vice president and second president. He was a great scholar, philosopher andBharat Ratnarecipient. Since 1962 - the year he became president - India has commemorated Dr Radhakrishnan's birth anniversary by paying tribute to its teachers and gurus on this day.

World Suicide Prevention Day is observed on September 10 each year to promote worldwide action to prevent suicides. Various events and activities are held during this occasion to raise awareness that suicide is a major preventable cause of premature death.

International Disaster Reduction Day on October 13 that day we celebrates how people and communities around the world are reducing their exposure to disasters and raising awareness about the importance of reining in the risks that they face

Pongal Celebrations at our Institution was an extraordinary day with a typical village Pongal celebration. The halls and reception were adorned with flowers and thoranam, sugarcane stacked to grace the occasion. The day started off with a Tamil speech on Pongal, pongal-themed Tamil song beautifully sung by the students. Girls gracefully danced for a Kummiadi Song around the Pongal pot.

Engineer's day was celebrated on September 15 to give attribute to the greatest Indian Engineer, this day is celebrated by all members

of the department After Inauguration various technical and non-technical events were organized. A Special Lecture was arranged to the students to inculcate their technical skills

Health Dayis a universal healthawareness daycelebrated every year on 7 April, it is a state of complete physical, mental and social well-being. A Special program was organized in association with SkillXNation about the health. They demonstrated about the fitness of the human body to the students

National Mathematics Day was celebrated on 22 December, Mathematics is the most difficult subject for many students, but they must learn to love it. Nothing in this world can be created if one does not understand mathematics. Guest Lecture was 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

The two Best Practices of the College for the year 2020-2021 are:

Best Practice I - Empowerment through Internships

The College constantly nurtures the students by providing industrial the industrial exposure and helps them to acquire practical industrial knowledge and skills required for their employment. Internships give an insight on the industrial working environment and their practices and help them develop skills and techniques directly applicable to their careers. Sethu Institute of Technology provides Internship opportunity to the students to bridge the gap between the academia and the industry, which helps them to acquire practical knowledge in their respective domain.

Best Practice II - Education through Digital Environment

Education through Digital Environment is an education process in which teaching learning is enabled by technology and digital devices, transmitted over the Internet and mobile phone network. Digital environment enhances the quality of learning and teaching with digital resources and methods for effective and interactive knowledge sharing and it improves technology based learning and time flexibility to engage learners in the learning process

File Description	Documents
Best practices in the Institutional website	https://sethu.ac.in/category/best-practices/
Any other relevant information	http://sethu.ac.in/AQAR2020-2021/doc/C7/7.2.1%20any%20other%20relevant.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)

Embracing Education in Emerging Technologies

The vision of the college is to promote excellence in technical education and scientific research for the benefit of the society. The College strives to offer education that meets the upcoming emerging industrial demands.Based on the industry feedback and technology forecast, the College has started two new 4-year B.E./B.Tech Degree Programs in emerging areas in 2020-2021 and two Programs in 2021-2022. The core/elective courses in emerging areas have also been introduced in thecurriculum of the various programs of the College.Industry supported laboratories are also established in such emerging areas. The four new Programs are

- B.E.Computer Science and Buisness Systems
- B.Tech. BioTechnology
- B.E.Computer Science and Design
- B.Tech Artificial Intelligence and Data Science

Centre of Excellence in RAI (Robotics, Artificial Intelligence and IoT) is establihed in the College to enhance the technical knowledge of the students in these emerging areas and to build a strong research and technology startup ecosystem.

File Description	Documents
Appropriate link in the institutional website	https://sethu.ac.in/wp-content/uploads/2022/03/7.3.1-Instituional-Distinctiveness_Weblink_Final.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

The following are the future plans for the forthcoming year:

1. **To start two new UG Programs in emerging areas**
2. **To apply for second cycle of NAAC Accreditation**
3. **To establish Industry attached Centers of Excellence and training students**
4. **To improve the research credentials of the Departments**
5. **To promote interdisciplinary research among faculty and students**
6. **To motivate idea to product conversion**