



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution		Saveetha Engineering College
• Name of the Head of the institution	Dr. N Duraipandian	
• Designation	Principal	
• Does the institution function from its own campus?	Yes	
• Phone No. of the Principal	04466726680	
• Alternate phone No.	04466726677	
• Mobile No. (Principal)	9841725345	
• Registered e-mail ID (Principal)	Principal@saveetha.ac.in	
• Address	Saveetha Nagar, Thandalam, Kancheepuram (dt)	
• City/Town	Chennai	
• State/UT	Tamilnadu	
• Pin Code	602105	
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)	11/10/2018	
• Type of Institution	Co-education	
• Location	Urban	

• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	Dr. S Dhandapani				
• Phone No.	04466726677				
• Mobile No:	9865753569				
• IQAC e-mail ID	iqac@saveetha.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	http://saveetha.ac.in/images/sec/2021/NAAC/AQAR_2019-20.pdf				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://saveetha.ac.in/images/sec/2021/NAAC/Activity_Calender_2020-2021.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.19	2015	25/06/2015	31/12/2022
6.Date of Establishment of IQAC			04/05/2015		
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	
NIL	NIL	NIL	Nil	0	
8.Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File				
9.No. of IQAC meetings held during the year	4				
• Were the minutes of IQAC meeting(s) and	Yes				

compliance to the decisions taken uploaded on the institutional website?	
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> If yes, mention the amount 	
11. Significant contributions made by IQAC during the current year (maximum five bullets)	
1. Curriculum, Syllabus and Regulations are formed for autonomous implementation 2. Saveetha teaching learning center is established to enhance the teaching learning process	
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 develop flexible choice based credit system	Flexible choice based credit system is implemented
13. Was the AQAR placed before the statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name of the statutory body	Date of meeting(s)
IQAC	05/10/2020
14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> Year 	

Year	Date of Submission
31/05/2021	18/02/2022
15.Multidisciplinary / interdisciplinary	
16.Academic bank of credits (ABC):	
17.Skill development:	
18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)	
19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):	
20.Distance education/online education:	

Extended Profile

1.Programme

1.1 20

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 4245

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 1307

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 1307

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

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 744

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 373

Number of full-time teachers during the year:

Extended Profile	
1.Programme	
1.1 Number of programmes offered during the year:	20
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1 Total number of students during the year:	4245
File Description	Documents
Institutional data in Prescribed format	View File
2.2 Number of outgoing / final year students during the year:	1307
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:	1307
File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1 Number of courses in all programmes during the year:	744
File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	373
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	373
Number of sanctioned posts for the year:	
4.Institution	
4.1	1470
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	138
Total number of Classrooms and Seminar halls	
4.3	1288
Total number of computers on campus for academic purposes	
4.4	509.9
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.	
Our Curriculum incorporate with the developmental needs of the national, regional and global importance with the recommendation of the Board of Stuides. It reflects the spritual virtue to benefit the socio economic status of the learners. Choice Based Credit System makes the learners delightful to choose the course on their own interst. The developmental needs were well reflected in the POs, PSOs and COs of the curriculum effectively. Further	

updates will be carried out with recommendation of Board of Studies in future based on trends and needs of the industrial aspects.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	Nil

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

4

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

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

51

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	No File Uploaded

1.2 - Academic Flexibility

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

51

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
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

20

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
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

Our Curriuculum appreciate the sensitive needs of other genders relating to biological, sociological, psychological, political, economic and legal aspects. Also, itpre-conceived realities and identify a better response to gender discrimination. Gender Equality in work place are incorporated in the design to encourage the socialism and to understand the Human values. Curriculumcreate an awareness on Engineering Ethics and Human Values, to in still Moral and Social Values and Loyalty and to appreciate the rights of others.

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	No File Uploaded

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

0

File Description	Documents
List of value-added courses	No File Uploaded
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	No File Uploaded

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

0

File Description	Documents
List of students enrolled	No File Uploaded
Any additional information	No File Uploaded

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

320

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

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

B. Any 3 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://drive.google.com/file/d/1tLVJL3P1dHcEBpEtaRnKisMJJLFm9tIs/view?usp=sharing
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	https://drive.google.com/file/d/1tLVJL3P1dHcEBpEtaRnKisMJJLFm9tIs/view?usp=sharing
Any additional information	No File Uploaded

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

997

File Description	Documents
Any additional information	No File Uploaded
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)

791

File Description	Documents
Any additional information	No File Uploaded
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.

We are practicing outcome-based learning processes, in which we categorize the students through information from Faculty facilitators and Faculty advisors, based on their active participation in the classroom, skill assessment and internal assessment performances.

Mentoring slow learners:

The department has a systematic process of monitoring, guiding and assisting slow learners which gives a strategic planning to improve the students' performance. The Counsellor regularly conducts meetings regarding progress of their mentees and is responsible to identify students who scored less than 50% marks in their internals. Student mentors follow the progress regularly by advising students about attending classes, measures to make up missed classes and getting additional academic help. Special classes are conducted to slow learner after college hours. The Students are encouraged to participate in co-curricular activities on their own interest.

Encouraging Advanced learners:

The bright students are identified based on their overall performance and their orientation towards Academics. Encouraged to attend conferences, workshops, publish papers organized by other leading institutes, to take up innovative projects and apply for funding. The bright students having high academic track records are encouraged by faculties to achieve university ranks, also encouraged to take up competitive examinations like GATE, GRE etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/06/2021	4245	373

File Description	Documents
Upload any additional information	No File Uploaded

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:

Here we provide platform to grow, develop skills and nurture values that shape young minds. Student oriented innovative programs to stimulate creativity, enhance problem solving capabilities and ensure participative learning is conducted. Following student centric methods are adopted:

Experiential Learning:

1. Majority of the core theory subjects are integrated with laboratory experiments.
2. As part of the curriculum Hands on training through summer internships are made compulsory.
3. Student clubs like Society of Automotive Engineers, Institute of EEE, Innovation cell, Robotics and IoT instigate the spirit of innovation
4. Participation in Simulated stock exchanges and hackathons help students work on real life scenarios.

Participatory Learning:

1. Techfest, Symposia for Paper, Project and Poster presentations

for every department is conducted annually and students are encouraged to take part in Inter-college / Nationwide conferences, seminars too.

2. Our faculty adopts various innovative Teaching & Learning methodologies to create the best learning environment for student. These methodologies include Activity based learning, Audio visual aids, Jigsaw, Flipped classes, Role Play and Cross word.

Problem-solving Skills:

Student Mini Project development, Solution to Environmental Problems, Regular Quizzes, Case studies, Debates, in inter-intra college help students acquire problem solving qualities.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

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

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. As a consequence, teachers are combining technology with traditional mode of instruction to engage students in long term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education. The following tools are used by the Institute,

1. All students are enrolled in lms moodle for each subject, so inclusion to the physical classes they take up active quizzes and assignments through it.

2. Power Point Presentations- Faculties use power-point presentations for teaching using LCD's and projectors. Access to online search engines and websites is provided through digital library.

3. Industry Connect- Guest lectures, expert talks and various technical competitions are organized for students in the well

equipped seminar and conference halls.

4. Online quiz- Online quizzes are conducted for students after the completion of each unit through GOOGLE FORMS/ Yahoo+ /

5. Video Conferencing- Student Counselling is offered via Zoom / Google meet applications.

6. Video lecture- Recorded Video Lectures are made available for long term learning and future referencing.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://saveetha.ac.in/index.php/life-at-se/c/academic-life/computing-internet-facilities
Upload any additional information	No File Uploaded

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

2.3.3.1 - Number of mentors

164

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

An Academic committee is formed constituting the Principal, Vice Principal and HODs to formulate academic schedule, monitor teaching and learning quality.

1. Academic calendar

In the beginning of academic year, Academic Incharge prepares an academic calendar to plan the academic activities to be carried out in the academic year. Principal, Vice principal, Head of the Departments take a review and finalize it. Number of days

available for teaching excluding Holidays, Sundays and Examination days are specified in the calendar. Dates for conduction of internal theory and practical examinations are also specified. The planned dates are subject to change as per the University circular related to examinations. Other activities including various Seminars, Conferences, Annual Gathering extra and co-curricular events, sports events are also planned in advance.

2. Teaching Plan

Subject In-charges prepare teaching plan adhering to the academic calendar. A unit-wise teaching plan of the course content, spread over the allotted lecture hours, is prepared to ensure a uniform pace of teaching by the respective faculty as directed by the HODs before commencement of semester course work. Internal Audit Committee will audit the Academic plans of each faculty and the audit reports are submitted to the Principal, for follow up action.

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

373

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	No File Uploaded

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

78

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	No File Uploaded

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

1664

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

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

167

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	No File Uploaded

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

15

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	No File Uploaded

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

1. Examination procedures
2. Processes/Procedures integrating IT
3. Continuous Internal Assessment System

Examination procedures:

1. The question papers are framed in line with the syllabus by outside colleges/ universities subject experts according to the standards.
2. The quality of the question paper is ensured through two levels Question paper scrutiny process.
3. Each question in the question paper is mapped with the corresponding course outcome and the Blooms' Taxonomy levels.
4. Answer scripts are evaluated by outside colleges/ universities subject experts and the results are published in Mycamu application software.

Processes/Procedures integrating IT:

1. The prepared question papers are created in Mycamu application software with Course outcome and Program outcome mapping.
2. The question wise mark is entered in Mycamu once after the evaluation.
3. The students can view their respective subject marks in the application software once the faculty publish the marks.

Continuous Internal Assessment System:

1. In a semester, total three internal assessments are scheduled periodically as per the academic schedule.

- The question papers are prepared as per the standards by concerned course faculty with Course outcome mapping and Bloom's Taxonomy.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

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

- Upload COs for all Courses (you may refer to the exemplars in the Glossary)

Course Outcomes are framed for all courses in the program during the commencement of the semester based on Blooms' Taxonomy which

Includes various levels like:

- Remember
- Understand
- Apply
- Analyze
- Evaluate
- Create

HOD along with subject faculties and domain experts discuss and frame the Course Outcomes. Mechanism of communication of all Learning Outcomes (PO, PSO, CO) among faculty, staff and students.

- Students are educated with the outcomes of each course before the commencement of the subject.
- POs and PSOs are displayed at prominent places like HOD Room, Seminar Hall, Class room, Laboratories, Faculty Rooms.
- PO, PSO, CO are included in Lesson Plans, Lab Manuals, Course files, Course End Survey, Alumni Survey etc
- It is displayed in Institution Website
- These points are discussed using Alumni meet and feedbacks are taken from alumni to ensure whether the outcomes are

met.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	Nil

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

Course outcomes identify the unique knowledge and skills expected to be gained from a given course. Programme outcomes are one step broader statements that describe what students are expected to know and be able to do upon the completion of a specific program. Programme specific outcomes are what the students of a specific programme should be able to do at the time of studying in the programme. Programme outcomes and programme specific outcomes are attained through the attainment of course outcomes. Measurement of attainment of POs, PSOs and COs is done through formative and summative methods.

1. The attainment levels by direct (student performance) and indirect (surveys) are to be presented through Program level Course - PO & PSO matrix.
2. Direct attainment level of a PO & PSO is determined by taking average across all courses addressing that PO and/or PSO.
3. Indirect attainment level of PO & PSO is determined based on the student exit surveys, employer surveys, co-curricular activities, etc.
4. PO attainment level will be based on attainment levels of direct assessment and indirect assessment.
5. For affiliated, autonomous colleges the overall attainment level is 80% weightage may be given to direct assessment and 20% weightage to indirect assessment through surveys from students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

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

1295

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	No File Uploaded
Paste link for the annual report	https://drive.google.com/file/d/17KRwSeIBKJ3VjzXK6nhGaBtpjm4Uc0FD/view?usp=sharing

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

http://saveetha.ac.in/images/sec/2021/NAAC/Students_Satisfaction_Survey_Report_2020-21.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Research in Saveetha Engineering College, Chennai is promoted at department levels through curriculum based undergraduate research projects and internship projects. Almost all the students from various branches were benefitted through this approach. The faculty and students are given freedom to choose the research area of their choice and supported with funds under Saveetha Intramural Research Scheme. They are also given guidance to seek funding from

various funding agencies and industries. The institute has an IPR cell, through which faculty and students get guidance for patent filing process. At institute level departmental seminars and community outreach programmes were organized.

College also facilitates the participation of the faculty members in seminars, conferences, workshops, etc. at national and international levels. College encourages staff and students to attend national and international conferences to present their research work. In addition to the above, the Institute provide physical infrastructure for students and faculty involved with research. This enhances interactions that are very critical to research.

Basic facilities required for research area will be provided to faculty members and research student for utilization which is purchased. Centralised facilities include library with a rich collection of physical and electronic subscription to journals, abundant bandwidth and high connectivity are also available.

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://saveetha.ac.in/index.php/research/saveetha-intramural-research-scheme
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)

200000

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	No File Uploaded

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

2

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	No File Uploaded

3.2 - Resource Mobilization for Research

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

9382216

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	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

9

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

21

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

5

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://dst.gov.in
Any additional information	No File Uploaded

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.

Saveetha Engineering College has an Innovation club with active student members, through which they are encouraged to participate in various events like HACKTHONS, project display, etc. Required facilities and guidance were provided to uplift the students level. The students are participating in various activities at national and international level every year and get inspiration

about innovations.

The institute have a separate Incubation centre in which the students get exposure to industry level projects. Most of the students apply their knowledge based on the societal needs. Necessary facilities such as peer reviewed journals were provided for reference for their development. Awareness meets, workshops, seminars and guest lectures on Entrepreneurship are organized by the E-cell. Vast Alumnus of the institute supports the students by sharing their experience on their entrepreneurship in their fields. Students are provided opportunities to directly interact with outstanding entrepreneurs to excel in their field.

The key objective of Incubation Centre is to collect innovative ideas from students and adapt their innovative ideas into Technological Innovations. Students develop their innovative ideas as a prototype that can be useful for Agriculture and Rural Development. Students were awarded prizes for best models after showcase their talents through workshops held at various colleges.

In Saveetha Engineering College five departments are the recognized Research Centres under Anna University, Chennai, Tamilnadu and most of the students were uplifted in their research career.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

23

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

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	C. Any 2 of the above
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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	No File Uploaded

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

3.4.2.1 - Number of PhD students registered during the year

4

File Description	Documents
URL to the research page on HEI website	http://saveetha.ac.in/index.php/research/saveetha-intramural-research-scheme
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

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

93

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

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

8

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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**

227

File Description	Documents
Any additional information	No File Uploaded
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**

28

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

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

3622260

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	No File Uploaded

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

2400000

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

Our students are involved in NSS, NCC, YRC, Innovation Club, Incubation Centre and Entrepreneurship Cell.

As part of NSS various events were organized such as Organic Farming, Swachh Bharat - Cleaning Activity, School Restoration - Cleaning - Wall Painting, Preparation of Waste Water Management system, Awareness on Pollution, Awareness on Cancer, Save Energy - Campaign, Awareness on Human Rights and Beach Cleanup. Awareness & Education for School Children was organized by Bhumi NGO & Karpi NGO.

Tree plantation drive was organized and around 1000 trees were planted during this event. Road safety awareness programme and health awareness camp were conducted by Rotaract Club.

Various other activities were organized by various clubs; help the students to get awareness on social issues for their development.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

5

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	No File Uploaded

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)

15

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

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

2225

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

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

0

File Description	Documents
Copies of documents highlighting collaboration	No File Uploaded
Any additional information	No File Uploaded

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)

6

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	No File Uploaded

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.

- **Wi-Fi Enabled Campus**
- **1200 Desktops**
- **60 printers are provided in various departments for both students & staff use.**
- **Microsoft Campus Agreement Volume License used in the campus.**

- A High End Rack Server System is used for Web Applications, Video Streaming, Academic Activities and other applications.
- All the computers are networked using 1 Gbps Ethernet LAN Technology with Manageable & Unmanageable Switches.
- The Entire Campus (including Hostels & Amenities Block) is interconnected with network laid over 3 KMs and also with Wi-Fi Technology.
- 100 Mbps Bandwidth of Internet Connectivity.
- 24/7 lab facility for the students
- Separate parents login ID to view their ward marks , attendance and to communicate to the college faculty through the college website.
- In SEC, all class rooms are with hi-tech equipments that enables faculty to facilitate their teaching-learning process. All rooms are provided with SMART BOARD which is a High end system connected with LCD projector, with touch screen boards (along with Green board) and excellent sound system.
- Communication Skills Laboratory.
- Nano Material Fabrication Centre.
- Active Placement Cell. Active Entrepreneurship Cell - Network of Saveetha Techpreneurs with Vibrant Activities.
- DSIR/ TEPP Sponsored Fabrication of PTFE Material Centre.
- Advanced Machining Centre.
- British Examination Centre, Cambridge University.
- Research Centre with Scientists from IGCAR & ISRO.
- Well- stocked Central Library with computing facility with e-journals - IEEE, Journals and Magazines.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://saveetha.ac.in/index.php/life-at-sec/academic-life/computing-internet-facilities

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

Education at SAVEETHA isn't confined to the courses a student selects; our endeavor is to aid in the overall development and achievements of each of our students. This includes physical fitness, mental ability and physical agility, team spirit and the discipline and drive required to work towards a goal, not to

mention the ability to loosen up and have some fun.

The sports infrastructure comprises facilities for indoor and outdoor games. There are well-maintained outdoor fields for 400mts athletics Track & field with Gallery, Badminton Court, Ball Badminton Courts, Basket Ball Court, Cricket (outfield & Cricket Nets), Foot Ball Field, Hand Ball Court, Hockey Field, Kabaddi Court, Kho-Kho Court, Tennis (Synthetic Court), Throw Ball Courts, Volley Ball Court, and Indoor games like Chess, carom, Table tennis and Badminton, so on. We have well equipped modern fitness center for both Men & Women separately. Indoor Games

Badminton (Shuttle) (Men & Women) Carrom (Men & Women) Chess (Men & Women) Table Tennis (Men & Women)

Multi Gymnasium

Well equipped Gymnasium for both boys & girls separately.

Equipment are

Adjustable bench press CI and adjustable dumbbells Chromium plates Barbell rods and plates Six station multi gym Tummy vibrator Swiss ball Duster Arm curl Spin Bike Elliptical Treadmill

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	http://saveetha.ac.in/index.php/life-at-sec/student-life/sports-games

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

140

File Description	Documents
Upload any additional information	No File Uploaded
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)

118.36

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

Our College Library is automated with AutoLib 5.0 since 2006. We are planning to implement the KOHA 20.05. On trial basis, we are working KOHA 20.05 and will upgrade in upcoming academic year.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://www.opac.saveetha.com/Search/Book/se

**4.2.2 - Institution has access to the following:
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources**

B. Any 3 of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

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

33,27,244

File Description	Documents
Audited statements of accounts	View File
Any additional information	No File Uploaded
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

256

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

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

- **Wi-Fi Enabled Campus**
- **1200 Desktops**
- **60 printers are provided in various departments for both students & staff use.**
- **Microsoft Campus Agreement Volume License used in the campus.**
- **A High End Rack Server System is used for Web Applications, Video Streaming, Academic Activities and other applications.**

- All the computers are networked using 1 Gbps Ethernet LAN Technology with Manageable & Unmanageable Switches.
- The Entire Campus (including Hostels & Amenities Block) is interconnected with network laid over 3 KMs and also with Wi-Fi Technology.
- 100 Mbps Bandwidth of Internet Connectivity.
- 24/7 lab facility for the students
- All classrooms are equipped with High end Smart Board Facilities with Internet Connection.
- 24 x 7 Online Learning Centre.
- Every academic year, budget allocated for updation of infrastucture

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4245	1288

File Description	Documents
Upload any additional information	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

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

C. Any two of the above

software for editing	
File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
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)

138.53

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.

Separate coordinators are available maintaining and utilizing physical, academic and support facilities. Feedback will be obtained from Faculty members and students regarding these facilities.

Preventive maintenance is carried out before the commencement of every semester. Equipment under service are given for external servicing with budget approval from the Hod, principal and Management with the supervision of the Lab-in charges. Scrap items are identified by the Lab-In charges and HoD and after the decision of the management representative, the items are send to scrap yard. Regular yearly maintenance budget is provided by the institute for maintaining the Labs. Students and Staff lab utilization note are maintained throughout the year in all labs to kept track of the usage of the lab and equipments. Equipment of all laboratories is being maintained in good condition for conducting laboratory courses by monthly maintenance done by all labs by the Lab assistants with the supervision of the Lab-In charges and HOD.

Personal Computer software and peripheral devices are updated and maintained. Personal Computer is serviced by the Admin IT team as per request of the lab assistant. Consumables Working/Non-Working conditions are tested using Analog IC testers, Digital IC testers and multimeters. Non-Working Consumables are replaced by new consumables from the department stores. Furniture, Sports Centres and Workbenches power supply status are checked and serviced adequately.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://saveetha.ac.in/images/sec/2021/NAAC/Policies_Academic_facilities.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

1522

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

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

20

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are

B. Any 3 of the above

organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

File Description	Documents
Link to Institutional website	http://saveetha.ac.in
Details of capability development and schemes	View File
Any additional information	No File Uploaded

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

816

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted 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	No File Uploaded
Upload any additional information	No File Uploaded

5.2 - Student Progression

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

816

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

15

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

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

2

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

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

1

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

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

Students are part of class committee meeting, hostel committee meeting. Every month meetings will be conducted. Students will represent their needs and expectations. All the needs will be solved within a time frame.

Student input is obtained through a standing departmental student representative Committee consisting of representatives from several student organizations, student representation in regular course committee meetings, annual departmental meetings, exit interviews with graduating students, student feedback forms and individual faculty student interactions.

Class committee meeting is held after internal test every month participated by students representative, department representatives, HOD, Faculty handling the subjects of that class and a chair person from other department. Feedback, grievances and suggestions about facilities, staff teaching learning process and campus amenities are recorded in the minutes and forwarded to the principal through HOD for further actions.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

0

File Description	Documents
Report of the event	No File Uploaded
List of sports and cultural events / competitions organised per year	No File Uploaded
Upload any additional information	No File Uploaded

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

Saveetha Engineering College (SEC) was established in 2001, by the Founder Chairman Dr. N. M. Veeraiyan, a committed and dedicated Medical Professional. SEC has 13 UG courses, 8 PG Courses including MBA, and Doctoral programs (PhD) in five Departments.

Saveetha Engineering College Alumni Association (SECAA) is formed on September 2008. The SECAA aims to build a vibrant community of alumni, friends, partners and well-wishers who seek to support the Institute's mission. We invite you to use this website to connect with fellow alumni and explore opportunities to give back to your alma mater.

Office Bearers:

1. President - Mr.N.Manikandan - CSE (2009 - 2012 Batch)
2. Vice President - Mr.S.Sellakumar - MECH (2003 - 2007 Batch)
3. Secretary - Mr.N.V.Ravindhar - MCA (2007-2010 Batch)
4. Joint Secretary - Mr.H.Ravi Kumar - MECH (2007 - 2011 Batch)
5. Treasurer - Mr.T.Aravind - ECE (2005 - 2009 Batch)

1.Representatives of the alumni visit the college regularly under

"Voice of Alumni" program and conduct programs for students.

2. Alumni association has instituted a corpus fund. The interest earned from the corpus fund is used to give assistance to three students every year. As the corpus grows, more students will be given this assistance.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	http://saveetha.ac.in/index.php/alumni

5.4.2 - Alumni's financial contribution during the year

B. 10 Lakhs - 15 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision of the Institute

To be and to be recognized for setting the standard of excellence in engineering education and high quality research in Science and Technology.

Mission of the Institute

To promote academic excellence; widen intellectual horizon; self-discipline and high ideals for the total personality development of the individual.

The institution follows a democratic and participatory mode of governance with all stakeholders participating actively in its administration to deliver value based and advance education which bring significant benefits to the society. The governing board comprises of distinguished administrators, academicians and

faculty representatives. The Governing Body delegates authority to the Principal who, in turn share it with the different levels of functionaries in the college. The Heads of Departments, the Conveners of various committees and section in-charges play significant role in framing the institutional policies and implementing the same. Institute strike a balance between compliance with regulatory matters and keeping a strong pulse on improving the college's performance along with long term sustainability by forming a strategic direction towards Centre of excellence.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	http://saveetha.ac.in/index.php/about/vision-mission

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

Empowering faculty centred practices:

All Heads of the departments are empowered to prepare budget for their departments with the concerned faculty members of the departments and lab in-charges. Further to guide the HODs, a departmental level committee has been constituted to review the requirement of purchasing of equipment for laboratories, research and for regular maintenance activities. Purchase Committee is formed to check the overall specifications of the equipment before placing it for approval process. Faculty members are given full freedom to organize various programs and to participate in programmes organized by different organizations.

Participation of Teachers in Decision-Making Bodies:

Teachers discharge an important role in implementing the vision and mission of the college and department by being the members of various governing bodies and in implementing the policies. Heads of Departments enjoy considerable administrative and academic autonomy in running their disciplinary units. Besides, teachers are members and conveners of the various committees that are instituted for the day-to-day functioning of the college. Some of these committees are the Academic Council, the Examination Committee, the Admission Committee, R&D committee, etc. Academic

committee determines various innovative teaching-learning practices and pedagogical practices to be adopted.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

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

Strategic / Perspective plan:

1. To enrich curriculum
2. To incorporate digital platform to improve teaching learning process.
3. To encourage research and consultancy, industry institute interaction and entrepreneurship activities.
4. To strengthen alumni engagement and enhance student experience.
5. To enhance contribution towards society and the environment.
6. To formulate development plans to improve the overall quality of the institute.

Curriculum Development:

1. Feedbacks from Alumni, Industrial experts, Subjects experts from other premier institutions and student stakeholders are also considered and incorporated in the syllabus.
2. Industry based electives were incorporated in the new curriculum.

Teaching and Learning:

1. Online courses like NPTEL, Swayam etc., are helpful for enhancing Teaching and learning process.

2. Saveetha Teaching-Learning centre has been developed in which FDPs on Teaching Learning pedagogy, Educating Techniques for Millennials, Effective use of ICT tools, etc. are conducted.

Examination and Evaluation:

1. There is a complete transparency in the examination system, Evaluation of internal assessments for 50 through continuous assessment that includes three internal tests, skill assessment and end semester examination.

Research and Development:

1. Faculties are encouraged to attend National/International conference by providing funds.

2. Providing financial and documentation for Patent filing by college IPR cell.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

The institution has a well marked administrative set up conforming to the norms of the AICTE and the UGC. The key components of organizational structure of the institution are Board of Governance. Principal, Head of the Departments, faculty members, Non-teaching staff and Administrative staff. It reviews the institutional strategic plan which in turn sets the academic aims and objectives of the institution and approves the financial and curriculum requirements. The organizational structure lends itself to sustaining institutional capacity and educational effectiveness

through the involvement of external members in various Committees/ Boards. Various stakeholders of the institute are members of different committees constituted by the institution. The decision making procedures are made at appropriate levels in the organizational hierarchy.

Service rules, procedures, recruitment, and promotional policies:

Service rules and procedures are as defined by the State Government of Tamil Nadu. Recruitment is done by preliminary filtering through CV, followed by Computer based written test, personnel interview and board presentation. All Promotional policies are based on the yearly appraisal score secured by the faculties. All the newly recruited staff and the newly admitted students are made aware of these rules through orientation programmes.

File Description	Documents
Paste link to Organogram on the institution webpage	https://drive.google.com/file/d/1uqHk0sjlvZ_AY6aVA0AdtDZ2tMrXkMh0/view?usp=sharing
Upload any additional information	View File
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

B. Any three 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	No File Uploaded

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

Teaching:

1. Staff Quarters for Teaching faculty
2. General Provident Fund
3. Medical and Maternity Leave
4. Medical Insurance
5. Gratuity
6. Scheme of Pensions and Compensatory Pension Scheme

Non teaching:

1. Staff Quarters for Teaching faculty
2. General Provident Fund
3. Medical and Maternity Leave
4. Medical Insurance
5. Gratuity
6. Scheme of Pensions and Compensatory Pension Scheme

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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	No File Uploaded
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

26

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

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.)

74

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	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Like purchase committee, financial committee has been constituted to allocate funds for various activities and it was placed before the Governing council for getting approval. At the end of the financial year, account details are audited by external Auditor nominated by Directorate of Technical Education and the final audited report is submitted to DOTE.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

Since it is a State Government Institution, the main sources of funds are student fees and Grant in aid from State Government as per budgetary allocations. However for meeting the upcoming requirements for research and teaching learning resources, the Institution also mobilizes its resources through:

1. Students fees
2. Overhead charges from the research grants received from various government and non- government agencies.
3. TEQIP III
4. Consultancy works

Funds received from State government are spent on payment of salary of teaching, non-teaching and administrative staff of the institution. Each and every amount of fund received from State government is at par with budget allocation. Budget of the Institution is prepared keeping in mind developmental activities of the institution; accordingly provisions are made in the Budget, which is ultimately approved by State government, and then fund is sanctioned, which is deployed on different Heads of Expenditures in accordance with approval of various statutory committees constituted by the Institution time to time for efficient use of funds/grants received from government. The Institution follows cent percent transparency in use of funds. Fund generated from above are principally used for maintenance and development of the Institution and students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

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

The Internal Quality Assurance Cell (IQAC) has been established in the College at the instance of the National Assessment and Accreditation Council (NAAC) as a post-accreditation quality sustenance measure. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in overall performance of the Institutions.

The objectives of the IQAC are:

1. To ensure continuous improvement in the entire operations of the Institution.
2. To ensure stakeholders connected with Education, namely parents, teachers, staff, employers, funding agencies, society in general, of its own quality and probity.
3. To develop a quality system for conscious, consistent and programmed action to improve the academic and administrative performance of the institution.

Benefits IQAC will facilitate / contribute:

1. To ensure a heightened level of clarity and focus in institutional functioning towards quality enhancement and internalization of the quality culture NAAC for Quality and Excellence in Higher Education.
2. To promote measures for the functioning of the Institution towards quality enhancement through initialization of quality culture and Institutionalization of best practices.
3. To provide a sound basis for decision making to improve Institutional functioning.
4. To act as a dynamic system for quality changes in the Institution..

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

Academic audit are conducted once in a year comprising of one internal audit and one external audit each semester for enhancing the quality of the programme. The Academic audits are conducted as per ISO standards and evaluated. Detailed audit was conducted on the curriculum, development of student programmes, Teaching learning evaluation processes and faculty academic improvement programmes as listed below.

The List of documents verified by the above audit committee

CURRICULUM & DEVELOPMENT

1. Regulation & Syllabus book.
2. Updated entries of amendments, PEO, PO and CO reviews.
3. Availability of Curriculum revisions information.
4. Modern methods of Curriculum delivery.
5. Preparation and adherence to Academic Calendar by the institution.

STUDENT ASPECT

1. Evidence for students completing NPTEL courses
2. Number of students clearing NET/UPSC/CAT/GATE/GRE/IELTS Exams
3. Adequacy of guest/technical lectures arranged for students
4. Adequacy of industrial visits arranged for students
5. Placement Services provided to students
6. Adequacy of workshops conducted on Entrepreneurship/ IPR/Innovative Practices
7. Students Extra Curricular / Co-curricular Achievements

RESEARCH, INNOVATION & EXTENSION

1. No. of Publications by the faculty
2. No. of sponsored projects (mention no. & amount)
3. Patents received
4. Book publications by the faculty
5. Details of testing & consultancy services

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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://drive.google.com/file/d/17KRwSeIBKJ3VjzXK6nhGaBtpjm4Uc0FD/view?usp=sharing
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

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

The institute under the aegis of different clubs conducted different programs. Both male and female students took part in it and gained maximum benefits. Special mention has to be given to the Art of Living program wherein students were given an understanding of how to live a perfect life. Women Entrepreneurship program was conducted to make women self-reliant.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

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

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

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)

Waste Management in SEC Campus

Liquid waste management:

The liquid waste produced from various sources like Hostels, offices and various departments are collected and conveyed to public drains. Waste stabilization pond is also provided in the campus for the storage and stabilization of wastewater produced from these sources.

Solid waste Management:

The organic fraction of solid waste like kitchen waste and food waste produced from hostel mess and canteen have been managed by vermi composting and organic waste composter. The manure produced

from composting is packed and stored. The stored manures are used for the gardens and plantations in the campus. The paper wastes hostels, office and departments are segregated and disposed through local recyclers

E-waste Management:

The ewastes like mobile phones, chargers and outdated computers from various sources like departments, hostels etc., are collected and disposed through local vendors.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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	No File Uploaded

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

B. Any 3 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	No File Uploaded

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

<p>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5.Beyond the campus environmental promotional activities 	B. Any 3 of the above
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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	No File Uploaded

<p>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,</p>	D. Any 1of the above
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reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	No File Uploaded

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).

Saveetha Engineering College has the repute of nurturing endurance and peace among the students through various activities conducted throughout the year by the Youth Red Cross, Green Club, National Service Scheme, Rotract Club, etc. To start with, Literary & Debating Society and Tamil Mandram kindle students' flair for languages and their thirst to develop language skills. Besides, their association with people of different places naturally builds harmony with the people around them. Youth Red Cross helps students create awareness among people on their health and how to bring hygiene to daily life activities. NSS activities motivate students to render their service to people or hamlets in and around Chennai which lacks facilities. The camp programs enhance students' inner strength and confidence to tackle odd situations in life. Rotract club activities develop the leadership and professional skills of students. Different programs and activities conducted throughout the academic year help students develop mutual understanding and cooperation. Above all, the efforts taken by the institute to make students cross the barriers of culture, region, language, caste, creed and socioeconomic status of people prove to be successful.

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:

Employees and students of SEC are sensitized to become responsible citizens of India throughout the year by taking oath on days like National Goodwill Day, Social Justice day, Anti-Corruption Day, National Unity Day, etc. Employees and students adopt a village with minimal facilities every year and work to improve the condition of the village through camp programs. Through YRC, awareness related to health and hygiene is created among people and children. Green Club activities are carried on to protect nature and plant trees and saplings to improve the environment. Rotract Club of SEC conducts various medical camps all through the year to help people. On the whole, SEC takes up the responsibility to make its employees and students remain true citizens of India by conducting a wide range of activities.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

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

B. Any 3 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	No File Uploaded

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

SEC celebrates Independence Day and Republic Day every year with vigor. NSS Cadets take rigorous training and do march past on every Independence Day and Republic Day. The Founder President & Chancellor Dr. N.M. Veeraiyan hoists the national flag and students give patriotic speeches, sing patriotic songs. As part of the program, different competitions are conducted and prizes are distributed to motivate students. Pongal ceremony is conducted in grand manner every year in an open space to preserve our culture. Various competitions related to our culture are conducted to give awareness to employees and students about our culture.

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	No File Uploaded

7.2 - Best Practices

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

1. ESTABLISHMENT OF SAVEETHA TEACHING LEARNING CENTRE

2. FLEXIBILITY IN SELECTION OF COURSES AND FACULTY

File Description	Documents
Best practices in the Institutional website	http://saveetha.ac.in/images/sec/2021/NAAC/BEST_PRACTICES_-_SEC.pdf
Any other relevant information	Nil

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)

The vision insights to set a standard of excellence in engineering education, high-quality research in science & technology and personality development of the learners. To stamp a descriptive trademark in aforementioned, the institute follows a distinctiveness approach.

Research and Development The college is already hosting research projects of faculty members funded by various agencies. The institution has taken various measures to facilitate smooth progress and implementation of the projects. We also arrange visits to leading research institutions in India to introduce various opportunities for the students to take research as a career.

Entrepreneurship Students are encouraged to develop the start-up ideas to start a business during their academic intern. The entrepreneurship committee motivates the students and provides guidance ship among them. The students are continuously encouraged to attend motivating programmes and awareness camps to recreate their innovative ideas.

Social-Responsibility Students' participation in co-curricular and extra-curricular activities enhance the path to face every problem with an all-rounded personality. Appreciation achieved in participating activities makes them strongly mingle with every other person socially during their team projects in the industry. Carrier Guidance, Counselling and structured training are provided to the students through the concerned committee.

File Description	Documents
Appropriate link in the institutional website	http://saveetha.ac.in/images/sec/2021/NAAC/Institutional_distinctiveness.pdf
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

Completion of new library building.

To implement Autonomous system.

To introduce online assessment system.