



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

| | |
|--|---|
| 1.Name of the Institution | Selvam College of Technology |
| • Name of the Head of the institution | Dr.A.Natarajan |
| • Designation | Principal |
| • Does the institution function from its own campus? | Yes |
| • Phone no./Alternate phone no. | 09942099122 |
| • Mobile no | 09942231294 |
| • Registered e-mail | principal@selvamtech.edu.in |
| • Alternate e-mail | iqacordinator@selvamtech.edu.in |
| • Address | NH-44, Salem Main Road, Pappinaickenpatty Post |
| • City/Town | Namakkal |
| • State/UT | TamilNadu |
| • Pin Code | 637003 |
| 2.Institutional status | |
| • Affiliated /Constituent | Affiliated |
| • Type of Institution | Co-education |
| • Location | Rural |

- Financial Status **Self-financing**
- Name of the Affiliating University **Anna University, Chennai**
- Name of the IQAC Coordinator **Dr.S.Prakash**
- Phone No. **09965912150**
- Alternate phone No. **09942231294**
- Mobile **09942099122**
- IQAC e-mail address **iqacordinator@selvamtech.edu.in**
- Alternate Email address **principal@selvamtech.edu.in**

3.Website address (Web link of the AQAR (Previous Academic Year)) <https://selvamtech.edu.in/naac/iqac/AQAR2021-22.pdf>

4.Whether Academic Calendar prepared during the year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://selvamtech.edu.in/academic-calendar/>

5.Accreditation Details

| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
|----------------|----------|-------------|-----------------------|-------------------|-------------------|
| Cycle 2 | A | 3.15 | 2016 | 07/02/2023 | 06/02/2028 |

6.Date of Establishment of IQAC **14/05/2015**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

| Institutional/Department /Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|-----------------------------------|--|----------------|-----------------------------|------------|
| Institutional | AICTE - Grant for Organizing Conference | AICTE | 2023 | Nil |

8.Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC [View File](#)

9.No. of IQAC meetings held during the year 1

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**

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

10.Whether IQAC received funding from any of the 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)

1. For the better enhancement of quality policy improvements in teaching and non-teaching, the following events were conducted: • Event organized on "National Education Policy 2020"for 70 beneficiaries. • Electric vehicle (EV) based workshop was conducted for 35 beneficiaries. • Conducted the National-level workshop on "Measures to Improve Research and Innovation in HEIs" was conducted for 59 beneficiaries. • 16 FDP were conducted for more beneficiaries

2. Fast learners and faculty members were motivated and attended Online Courses • 18 Coursera online course certificates were received. • 7 MOOC online course certificates were received. • Three Alumni talk series were conducted through virtual mode for the benefit of students. • Totally 913 students successfully completed their internships in reputed companies. 3. As per the New norms of UGC composition & NAAC guidelines, IQAC committee was re-framed (Ex. Committee members, Centralized Exam Cell system, Internal/External structure, etc.) 4. The placement percentage was improved in 2022-2023 after conducting the Employability Skill and Training programme, IT Support & Development Training Programme (ISDTP). 5. MoU with 5 companies were signed in the academic year 2022-2023 for the benefit of students to acquire knowledge in the platform of placement training, Value added courses, internships, etc.

12.Plan of action chalked out by the IQAC in 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 |
|---|---|
| <p>1) To submit AQAR 2022-23 2) To Increase the participation in the various programmes organized by other Institutions. 3) MoU with 5 companies proposed to sign with the institution in the academic year 2022-2023. Each department should organize online activities / workshops / FDP in academic year 2022-2023. The average pass % of passed out students should be more than 90%. Our institution collected a stakeholders feedback regarding Employability</p> | <p>1) Acceptance of AQAR 2021-22 2) Many faculty members and students were attended FDP, Workshops, and Training Programs etc in reputed organizations. 3) MoU with 6 companies were signed in the academic year 2022-23. Through these companies we conducted value added courses and placement support. All the departments' organized online activities/Faculty Development programs/Workshops. The average pass % of passed out UG and PG students in 2022-2023 was 91% and 94%. The placement percentage which was improved in 2022-2023 after conducting Employability Skill and Training Programme</p> |

13. Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

| Name | Date of meeting(s) |
|-------------------|--------------------|
| Governing Council | 10/08/2022 |

14. Whether institutional data submitted to AISHE

Part A**Data of the Institution**

| | |
|--|---|
| 1.Name of the Institution | Selvam College of Technology |
| • Name of the Head of the institution | Dr.A.Natarajan |
| • Designation | Principal |
| • Does the institution function from its own campus? | Yes |
| • Phone no./Alternate phone no. | 09942099122 |
| • Mobile no | 09942231294 |
| • Registered e-mail | principal@selvamtech.edu.in |
| • Alternate e-mail | iqacordinator@selvamtech.edu.in |
| • Address | NH-44, Salem Main Road, Pappinaickenpatty Post |
| • City/Town | Namakkal |
| • State/UT | TamilNadu |
| • Pin Code | 637003 |
| 2.Institutional status | |
| • Affiliated /Constituent | Affiliated |
| • Type of Institution | Co-education |
| • Location | Rural |
| • Financial Status | Self-financing |
| • Name of the Affiliating University | Anna University, Chennai |
| • Name of the IQAC Coordinator | Dr.S.Prakash |

| | | | | | |
|--|---|----------------|-----------------------------|---------------|-------------|
| • Phone No. | 09965912150 | | | | |
| • Alternate phone No. | 09942231294 | | | | |
| • Mobile | 09942099122 | | | | |
| • IQAC e-mail address | iqacordinator@selvamtech.edu.in | | | | |
| • Alternate Email address | principal@selvamtech.edu.in | | | | |
| 3.Website address (Web link of the AQAR (Previous Academic Year)) | https://selvamtech.edu.in/naac/iqac/AQAR2021-22.pdf | | | | |
| 4.Whether Academic Calendar prepared during the year? | Yes | | | | |
| • if yes, whether it is uploaded in the Institutional website Web link: | https://selvamtech.edu.in/academic-calendar/ | | | | |
| 5.Accreditation Details | | | | | |
| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
| Cycle 2 | A | 3.15 | 2016 | 07/02/2023 | 06/02/2028 |
| 6.Date of Establishment of IQAC | | | 14/05/2015 | | |
| 7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc., | | | | | |
| Institutional/Department /Faculty | Scheme | Funding Agency | Year of award with duration | Amount | |
| Institutional | AICTE - Grant for Organizing Conference | AICTE | 2023 | Nil | |
| 8.Whether composition of IQAC as per latest NAAC guidelines | | | Yes | | |
| • Upload latest notification of formation of IQAC | | | View File | | |
| 9.No. of IQAC meetings held during the year | | | 1 | | |

| | | |
|--|------------------|--|
| <ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? | Yes | |
| <ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report | No File Uploaded | |
| 10. Whether IQAC received funding from any of the 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) | | |
| <p>1. For the better enhancement of quality policy improvements in teaching and non-teaching, the following events were conducted: • Event organized on "National Education Policy 2020" for 70 beneficiaries. • Electric vehicle (EV) based workshop was conducted for 35 beneficiaries. • Conducted the National-level workshop on "Measures to Improve Research and Innovation in HEIs" was conducted for 59 beneficiaries. • 16 FDP were conducted for more beneficiaries 2. Fast learners and faculty members were motivated and attended Online Courses • 18 Coursera online course certificates were received. • 7 MOOC online course certificates were received. • Three Alumni talk series were conducted through virtual mode for the benefit of students. • Totally 913 students successfully completed their internships in reputed companies. 3. As per the New norms of UGC composition & NAAC guidelines, IQAC committee was re-framed (Ex. Committee members, Centralized Exam Cell system, Internal/External structure, etc.) 4. The placement percentage was improved in 2022-2023 after conducting the Employability Skill and Training programme, IT Support & Development Training Programme (ISDTP). 5. MoU with 5 companies were signed in the academic year 2022-2023 for the benefit of students to acquire knowledge in the platform of placement training, Value added courses, internships, etc.</p> | | |
| 12. Plan of action chalked out by the IQAC in 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 |
| <p>1) To submit AQAR 2022-23 2) To Increase the participation in the various programmes organized by other Institutions. 3) MoU with 5 companies proposed to sign with the institution in the academic year 2022-2023. Each department should organize online activities / workshops / FDP in academic year 2022-2023. The average pass % of passed out students should be more than 90%. Our institution collected a stakeholders feedback regarding Employability</p> | <p>1) Acceptance of AQAR 2021-22 2) Many faculty members and students were attended FDP, Workshops, and Training Programs etc in reputed organizations. 3) MoU with 6 companies were signed in the academic year 2022-23. Through these companies we conducted value added courses and placement support. All the departments' organized online activities/Faculty Development programs/Workshops. The average pass % of passed out UG and PG students in 2022-2023 was 91% and 94%. The placement percentage which was improved in 2022-2023 after conducting Employability Skill and Training Programme</p> |
| <p>13.Whether the AQAR was placed before statutory body?</p> | <p>Yes</p> |
| <ul style="list-style-type: none"> Name of the statutory body | |
| <p>Name</p> | <p>Date of meeting(s)</p> |
| <p>Governing Council</p> | <p>10/08/2022</p> |
| <p>14.Whether institutional data submitted to AISHE</p> | |
| <p>Year</p> | <p>Date of Submission</p> |
| <p>2022-2023</p> | <p>14/02/2024</p> |
| <p>15.Multidisciplinary / interdisciplinary</p> | |
| <p>The Vision of the National Education Policy, to provide high-quality education to develop human resources in our nation as global citizens, is well taken by the university. A discussion among the faculty members was initiated on the key principles of NEP such as diversity for all curriculum and pedagogy with</p> | |

technological innovations in teaching and learning, encouraging logical decision-making and innovation, critical thinking, and creativity. Academic programs are redesigned to include Multidisciplinary /Interdisciplinary courses as electives. All programs are designed in such a way that students get maximum flexibility to choose elective courses offered by other Departments. It can be said that the University is proactively working towards the implementation of the suggestions given in the NEP.

16.Academic bank of credits (ABC):

The institution's preparedness in the implementation of the Academic Bank of Credits depends upon the guidelines of the affiliated university and Higher Education Department.

17.Skill development:

The Institution is already conducting the skill courses like Value Added Courses as designed by affiliating university from Semester 3 to 7 in various programs. To empower individuals to interact confidently and globally through that one vital link language - "ENGLISH", we have started a communicative English course and skill-oriented training program with qualified trainers under the IT Support and Development Training Programme (ISDTP) to improve the quality of students and enhance the practical skills.

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

To promote /integrate the local language through, discussions/interactions/ symposiums, etc., in local languages which will fetch extra credit to the student. These changes will also increase the employability opportunities for the teachers and subject matter experts of these languages. SCT needs to identify foreign universities and sign an MOU for the exchange of credits between foreign universities and colleges.

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

Outcome-based education (OBE) is an educational theory that bases each part of an educational system around goals. By the end of the educational experience, each student should have achieved the goal. There is no single specified style of teaching or assessment in OBE; instead, classes, opportunities, and assessments should all help students achieve the specified outcomes. A variety of approaches in teaching Learning processes like lectures, seminars, tutorials/workshops/practical and

project-based learning fieldwork, technology-enabled learning internships, and research work is suggested. The student learning outcome should be defined in terms of knowledge skills understanding values employability. This institution, being affiliated with the concerned university follows the guidelines as and when directed.

20.Distance education/online education:

This institution is already prepared, especially during the COVID-19 pandemic situation, and teaching the learning process through different online modes likewise the Google Meet app, WhatsApp, telegram channel, etc., and the whole college campus is Wi-Fi-enabled campus and hence no hindrance /obstacle in online education. Even slight relaxation in the COVID-19 pandemic situation and accordingly visit of students and faculty members to college from different distant areas, helping them to study e-content for all subjects in all semesters. This institution is preparing to make available all such types of e-content material prepared by faculty members to all students through online mode to meet future challenges.

Extended Profile

1.Programme

| | |
|--|-----|
| 1.1 | 398 |
| Number of courses offered by the institution across all programs during the year | |

| File Description | Documents |
|------------------|---------------------------|
| Data Template | View File |

2.Student

| | |
|------------------------------------|------|
| 2.1 | 1175 |
| Number of students during the year | |

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

| | |
|--|-----|
| 2.2 | 612 |
| Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | |

| File Description | Documents |
|---|---------------------------|
| Data Template | View File |
| 2.3 | 259 |
| Number of outgoing/ final year students during the year | |
| File Description | Documents |
| Data Template | View File |
| 3.Academic | |
| 3.1 | 157 |
| Number of full time teachers during the year | |
| File Description | Documents |
| Data Template | View File |
| 3.2 | 114 |
| Number of sanctioned posts during the year | |
| File Description | Documents |
| Data Template | View File |
| 4.Institution | |
| 4.1 | 72 |
| Total number of Classrooms and Seminar halls | |
| 4.2 | 577.20 |
| Total expenditure excluding salary during the year (INR in lakhs) | |
| 4.3 | 725 |
| Total number of computers on campus for academic purposes | |

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Selvam College of Technology, affiliated to Anna University, Chennai, follows the curriculum designed by the University. In the beginning of every academic year, the University chalks out the Academic Schedule and circulates to its affiliated colleges. The Academic Council chaired by the Principal sets the Academic Calendar of the Institution and each department frames an academic calendar marking the events and assessments of the particular academic year. At the beginning of each semester, the head of the departments organize an academic planning meeting to list out the Core course, elective courses and collects the preference of the subject from the faculty members. The courses are allocated based on the preference and experience of the faculty members. Head of the Department assigns the work load comprising both Theory and lab schedule for each faculty member and lecture hours are assigned as per the university norms. Time table coordinators of each department discuss and prepare the timetable for their concerned department considering credit requirement of each subject and finally the master timetable is compiled. The Faculty members prepare their own course plan and course material for the allocated courses which includes the Syllabus, Lesson plan, Time table, Course Objectives, Outcomes, CO-PO mapping, Video links, Assignments etc., Continuous internal Assessments are conducted as per the Academic calendar. Curriculum delivery, Student performance and progress are periodically monitored by the respective Head of the Department and the Principal. Faculty members use various innovative teaching methodologies to make teaching learning process more effective.

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | View File |
| Link for Additional information | Nil |

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Academic calendar approved by the Principal is continuously monitored by the Head of the

Departments for its effective implementation. The student academic progress is monitored regularly by class advisors, mentors and respective head of the departments.

Continuous Internal Evaluation (CIE) is quantified based on outcome of seminars, effectiveness of project works, and performance of internal Assessment test and semester examinations.

The institution practices a system of internal assessment of the students with a focus to ensure uniformity, transparency, high academic standards and quality through Outcome Based Education (OBE) based on the following,

Question papers for the internal tests are designed to facilitate the assessment of the attainment of the course outcomes.

The internal assessment marks in theory courses are based on two IAT and one model exam in each semester.

The exam cell coordinator check the question paper for the particular course and the answer scripts are evaluated within 3 working days from the day of examination. Improvement tests for the slow learners are scheduled to improve the performance of internal test.

After each internal assessment examination, a Class Committee meeting is conducted in the department with the faculty members.

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | View File |
| Link for Additional information | Nil |

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.

Academic council/BoS of Affiliating University

Setting of question papers for UG/PG programs

Design and Development of Curriculum for Add on/ certificate/ Diploma Courses

Assessment /evaluation process of the affiliating University

C. Any 2 of the above

| File Description | Documents |
|--|---------------------------|
| Details of participation of teachers in various bodies/activities provided as a response to the metric | View File |
| Any additional information | View File |

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

13

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

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

13

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Brochure or any other document relating to Add on /Certificate programs | No File Uploaded |
| List of Add on /Certificate programs (Data Template) | View File |

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

453

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Details of the students enrolled in Subjects related to certificate/Add-on programs | View File |

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Response:

The institute has a history of strong community outreach through various curricular and co-curricular activities. The institute always incorporates the crosscutting issues of gender, human values, professional ethics, environment and sustainability.

Gender equality

As a co-educational institute, measures towards gender equality are taken for both the genders in all aspects. The college has Women Empowerment Cell which is formed to redress the grievances of the girl students and promote leadership qualities among women faculty. Equal opportunities are extended to boys and girls to participate in co-curricular and extracurricular activities.

Human Values

The institution has an Anti-Ragging committee with the Principal as the convener. This committee effectively controls ragging against the fundamental human values and rights. The NSS unit of the institution comprises of students voluntaries actively performs social service activities by adopting a village every year.

Environment and Sustainability

The institution has a lush green and clean campus. It is also conscious of energy conservation and adopts energy efficient practices of solar energy supplementation, and use of LEDs and CFLs lamps. Water conservation is effected by adopting water recycling and rain water harvest techniques.

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum. | View File |

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

97

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| Programme / Curriculum/ Syllabus of the courses | View File |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | No File Uploaded |
| MoU's with relevant organizations for these courses, if any | No File Uploaded |
| Institutional Data in Prescribed Format | View File |

1.3.3 - Number of students undertaking project work/field work/ internships

371

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| List of programmes and number of students undertaking project work/field work/ /internships (Data Template) | View File |

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution **A. All of the above**

from the following stakeholders Students
Teachers Employers Alumni

| File Description | Documents |
|---|---|
| URL for stakeholder feedback report | https://selvamtech.edu.in/naac-web/stakeholders-feedback/ |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management | View File |
| Any additional information | No File Uploaded |

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | View File |
| URL for feedback report | https://selvamtech.edu.in/naac-web/stakeholders-feedback/ |

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

502

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

502

| 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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Response:

Selvam College of Technology (SCT) has effective mechanism to assess and evaluate students' learning process. To nurture the students and to provide experience, the institution offers various types of activities and training programs.

First year Induction Program

The institution gives an Induction program for first year students to introduce the college atmosphere, infrastructure, and academic regulations. They are provided to develop their fundamental knowledge and to improve communicational skills, technical exposure, confidence level and learning skills. The institution evaluates the performance of the students periodically through Internal Assessment Tests, Assignments, co-curricular activities and end semester examination. After assessing the performance of the students through continuous assessments, the students were identified as slow learners and advanced learners.

Programmes for Advanced learners

To enrich the advanced learner's knowledge, they are encouraged to do online courses in NPTEL Swayam, Coursera and MOOC Courses. They are motivated by regular appreciation and are encouraged to undertake Value added course, to undergo Inplant trainings and Internship programs. Awareness programs about higher studies and placement training activities have been given to them to uplift their career. Besides, they are encouraged to participate in various competitions conducted by other Institutes.

Programmes for Slow Learners

Slow Learners are identified and assisted by providing simplified notes, previous semester question papers, Question Bank and coaching classes. Their performance are monitored regularly. Mentors are giving counselling regularly and assisting them in all aspects.

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

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

| Number of Students | Number of Teachers |
|--------------------|--------------------|
| 1175 | 157 |

| File Description | Documents |
|----------------------------|---------------------------|
| 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

The institution practices effective teaching methodologies which focuses on imparting multifaceted education. The Institution adopts student centric learning methodologies and follows the curriculum designed by Anna University, Chennai.

Teaching Methodologies

It provides a blended learning environment which includes conventional teaching methodologies and ICT enabled teaching methods. To elevate teaching and learning process, the faculty members are encouraged to undertake NPTEL online courses, various Faculty Development programs, Orientation programs, seminars/webinars, Short Term Training Programs, and workshops.

Experimental Learning

The students are involved in Experimental learning through Practical classes, Industrial visits, Inplant trainings, Internships, Academic projects, and Mini projects. Students

experience the theory concepts in classrooms as well as in laboratories. Experimental learning through industrial visits, value-added courses, in plant trainings.. For first year students, Induction Program is organized to nurture them with fundamental skills.

Participative Learning

The faculty members encourages participative learning through participation ingroup discussions, seminars, symposiums, conferences,paper presentations, various club activities, quiz activities and enacting role plays.

Problem-based learning

To bring out the creative and analytical thinking, the institution motivates the students to do projects and case study method also provided. internal test question papers are Bloom's taxonomy based and case studies are also promoted.

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |
| Link for additional information | Nil |

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The institution enhances the learning opportunities and enables the learners to share and transform their knowledge and ideas globally. The Institution adopts student centric learning methodology and follows the curriculum designed by Anna University, Chennai. It provides a blended learning environment that includes traditional classroom education and ICT enabled teaching andVirtual Classrooms.

The ICT tools like PPT, Google classrooms, subject related videos, audio systems, online quiz programs, E-Portal and virtual labs are used which helps to improve their academic performance. Students are motivated to do online courses in NPTEL and other online educational platforms. The institution has E-portal facility which has the access to E-learning materials of all subjects. The teachers can structure their course contents and the E-content is posted on their respective subject virtual (Google) classrooms.

The institution has Digital Library facility and motivates the students to practice self learning. Numerous e-journals and e-books are subscribed to enhance the technical and research skills of students. The institution has a well-furnished language lab and various licensed software for language learning. The institution helps students to enhance their communication skills by improving their listening and speaking skills through the help of Audio-Visual lessons and E-modules.

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | View File |

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

77

| File Description | Documents |
|--|---------------------------|
| Upload, number of students enrolled and full time teachers on roll | View File |
| Circulars pertaining to assigning mentors to mentees | View File |
| Mentor/mentee ratio | View File |

2.4 - Teacher Profile and Quality

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

157

| File Description | Documents |
|--|---------------------------|
| Full time teachers and sanctioned posts for year (Data Template) | View File |
| Any additional information | No File Uploaded |
| List of the faculty members authenticated by the Head of HEI | View File |

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

39

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template) | View File |

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

785.62

| File Description | Documents |
|--|---------------------------|
| Any additional information | No File Uploaded |
| List of Teachers including their PAN, designation, dept. and experience details(Data Template) | View File |

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The institution has a transparent evaluation process for evaluating student performance. Continuous evaluation process is made through internal assessment tests, assignments, cycle tests, mini projects, academic projects, and seminar presentations. Based on the University's Academic Schedule, the Internal Examination Cell of the Institution prepares the Internal Assessment Schedule and timetable, and the assessment schedule is included in the academic calendar of the institution. The same is circulated to all the classes and it is displayed in the Department, Common notice board, and Classroom Notice board well in advance. The Examination pattern and the system of internal assessment are communicated to the students well in advance by the Internal Examination cell, members of each department, and also by class advisors. Assessment tests are conducted regularly as per the schedule given in the academic calendar.

The institution schedules two IATs and one model examination. Changes in schedules, question/mark patterns, timings, methods if any, are immediately notified to the students through notice boards and also through the respective subject faculty members. The question paper is prepared based on Blooms Taxonomy. After evaluation of answer sheets, the students' performance are communicated to them and intimated to the parents if needed. The students who are with low performance are given personal guidance by the concerned faculty and mentors. The grievances of the students in the assessment tests, assignments and model exams are rectified in time.

| File Description | Documents |
|---------------------------------|---------------------------|
| Any additional information | View File |
| Link for additional information | Nil |

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Internal Assessment

Since the institution is affiliated with Anna University, Chennai, it follows the instructions laid down by it to conduct internal assessment tests and end semester examinations. The academic calendar is prepared with internal assessment schedule before the commencement of every semester and published. The institution has a well defined Internal Examination Cell which conducts assessment tests and model examinations. The timetable and hall arrangement

details are published and circulated to students prior to the assessment tests. The respective subject handling faculty members are instructed to prepare question paper with the syllabus coverage prescribed in academic calendar. Head of the Department and the Academic coordinators examine the question paper and approve the same. The syllabus for each internal assessment test is communicated to students well in advance.

The institution follows a proper guideline for handling Examination related grievances for both Internal and External exam. The students' issues are resolved with high priority. In the Internal Examinations, the grievances are reported to internal exam coordinator for immediate action. After evaluation, the answer scripts are issued to the students and they are permitted to self-evaluate their answers. The Internal Assessment marks are transparent to students and posted in the University Portal.

External Assessment

The institution has a centralized University Examination Cell which follows the instruction and regulation issued by the University. It conducts the end-semester examinations according to the schedule and timetable given by the University. The review and revaluation procedure is followed to rectify the student mark-related issues.

| File Description | Documents |
|---------------------------------|---------------------------|
| Any additional information | View File |
| Link for additional information | Nil |

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The institution follows the curriculum designed by Anna University, Chennai. The University has clearly stated the Programme Outcomes (POs) and Course Outcomes (COs) for all its academic programs and courses. Every department has defined its own Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) in alignment with Program Outcomes described by university curriculum. The institution follows 12 Programme Outcomes, 2-4 Program Specific Outcomes and 5 - 6 Course Outcomes.

COs and POs are framed by the subject faculty member, Course committee and Head of the department along with subject experts. During Course committee meetings and regular meetings, the faculty members are assisted to achieve the course outcomes with effective teaching methods. The faculty members prepare the lesson plan, internal assessment question papers, quiz activities and experimental activities to attain their respective Course Outcomes.

The Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are well defined and stated in the institution website, Department, laboratories and in lesson plan of each and every course in all the academic programmes. Internal assessment question papers are prepared with the respective COs to ensure the POs and COs are mapping. The students are clearly made known about the COs of the respective subject during the course's syllabus introduction and in all internal assessment tests.

| File Description | Documents |
|---|---|
| Upload any additional information | No File Uploaded |
| Paste link for Additional information | https://selvamtech.edu.in/about/departments/mech/course-outcomes-mechanical-engineering/ |
| Upload COs for all Programmes (exemplars from Glossary) | View File |

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The performance of the students is measured through the Course Outcomes mapped with Programme Outcomes and Program Specific Outcomes. The Program Outcomes and Program Specific Outcomes are assessed with the help of course outcomes of the relevant courses through direct and indirect assessment methods. Direct Assessment includes internal assessment tests, model exam and end semester exams. Indirect assessment includes assignment and quiz activities.

The assessment schedule is prepared in advance and notified to the students. The assignments were given to students after completion of the prescribed syllabus coverage. The Principal, Head of the department and Academic coordinators monitor the execution of the respective courses of the faculty members and their timely

completion of the syllabus to achieve the outcomes of the course and Programme. Any changes/deviations and grievances are discussed in regular meetings and in course committee meetings and rectified. A detailed lesson plan for each course with its objective and outcomes is prepared and get approved from Head of the department before the commencement of the classes. The final outcome of the course is evaluated from the performance of the students and that is analyzed at the end of each semester examination. The performance is evaluated by forming matrix of POs and COs with the correlation levels:

1. Slight (Low)

2: Moderate (Medium)

3: Substantial (High)

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

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

237

| File Description | Documents |
|--|---------------------------|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | View File |
| Upload any additional information | View File |
| Paste link for the annual report | Nil |

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://selvamtech.edu.in/naac/igac/aqar2023//2.7.1/SudentSurvey.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0.15

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| e-copies of the grant award letters for sponsored research projects /endowments | View File |
| List of endowments / projects with details of grants(Data Template) | View File |

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

1

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

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

2

| File Description | Documents |
|---|---|
| List of research projects and funding details (Data Template) | View File |
| Any additional information | No File Uploaded |
| Supporting document from Funding Agency | View File |
| Paste link to funding agency website | https://www.tanscst.tn.gov.in/ |

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Selvam College of Technology has formed an ecosystem for Research, Innovation, Collaboration and Entrepreneurship by developing desirable human resources, taking initiative for creation & dissemination of knowledge and establishing state of the art infrastructure. The College has created a Research Wing, Entrepreneurship Development Cell (EDC) and Institutional Innovation Council (IIC) for promoting innovation & entrepreneurship activities. Students are encouraged to present their innovative projects and products through annual project contest conducted every Engineer's Day. The contest witnesses the participation of more than 200 projects across all the departments. The outstanding project ideas are identified and encouraged to participate in MSME, SIH 2022 and submit their ideas and projects to funding agencies like MSME, DST, AICTE, TNSCST and IIC. The Institution has established the IPR cell in the year 2017, through this we conduct many events about Intellectual Property Rights to our students and our students are filed more than 5 patents. Also, our faculty members received research funds from DRDO, DST, AICTE, SERB, TNSCST, IIC, etc. The faculties published more research articles and have also decided to bring out a number of in-house publications through the publication hub.

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

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual

Property Rights (IPR) and entrepreneurship during the year**3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year**

9

| File Description | Documents |
|--|---------------------------|
| Report of the event | View File |
| Any additional information | No File Uploaded |
| List of workshops/seminars during last 5 years (Data Template) | View File |

3.3 - Research Publications and Awards**3.3.1 - Number of Ph.Ds registered per eligible teacher during the year****3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year**

0

| File Description | Documents |
|--|---------------------------|
| URL to the research page on HEI website | Nil |
| List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template) | View File |
| Any additional information | View File |

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year**3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year**

25

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| List of research papers by title, author, department, name and year of publication (Data Template) | View File |

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

2

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| List books and chapters edited volumes/ books published (Data Template) | View File |

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The college organizes a number of extension activities to promote the institute-neighborhood community and sensitize the students towards community needs. The students of our college actively participate in social service activities, leading to their overall development. The college effectively runs the National Service Scheme. The majority of the activities are focused on environmental protection, awareness, Swatch Bharat Abhiyan, and cleaning of the college campus, and nearby temples. NSS Unit organized an awareness campaign on drug abuse, tobacco awareness, dental camp, Aadhaar Enrolment, and Correction Camp, etc. The Women Empowerment Cell (WEC) aims to empower female students and women faculty through various initiatives. Under its banner, invited talks are delivered by leading career women from various walks of life to create awareness on safety, health, career, and self-employment aspects for village women. Women's Day is celebrated as part of the Gender Sensitization Program. The World Cancer Awareness Day program was conducted to raise awareness among students. Involvement in these extension and outreach activities helps the students develop critical thinking skills and time management. Working outside the college campus and with diversified social groups of people allows students to gain more self-confidence, autonomy, and appreciation for others. These activities help them to become good leaders and citizens.

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

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

1

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| Number of awards for extension activities in last 5 year (Data Template) | View File |
| e-copy of the award letters | No File Uploaded |

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

5

| File Description | Documents |
|--|---------------------------|
| Reports of the event organized | View File |
| Any additional information | View File |
| Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template) | View File |

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in

collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

399

| File Description | Documents |
|--|---------------------------|
| Report of the event | View File |
| Any additional information | No File Uploaded |
| Number of students participating in extension activities with Govt. or NGO etc (Data Template) | View File |

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

168

| File Description | Documents |
|--|---------------------------|
| e-copies of related Document | View File |
| Any additional information | No File Uploaded |
| Details of Collaborative activities with institutions/industries for research, Faculty | View File |

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

5

| File Description | Documents |
|--|---------------------------|
| e-Copies of the MoUs with institution./ industry/corporate houses | View File |
| Any additional information | No File Uploaded |
| Details of functional MoUs with institutions of national, international importance, other universities etc during the year | 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 equipment etc.

Selvam College of Technology is a front-runner in the field of education today in Namakkal by imparting multifaceted education. A well-directed education is a passport to a good, comfortable and secured life. SCT fully caters to the needs and aspirations of the student community and keeps itself to the changes taking place on the industrial and educational front of the country. V.Ponnusamy Educational and charitable trust got established by Dr.P.Selvaraj an Ideal Businessman and Philanthropist in 2000 in the fond memory of his late father V.Ponnusamy to impart quality education, to establish epicentre of excellence in learning and research will blossom into an institution par excellence.

SCT Offers 8 Undergraduate Departments such as BME, Civil, CSE, ECE, EEE, Mechanical, Biotechnology, Information Technology and 5 Post Graduate Courses such as Computer Science and Engineering, Applied Electronics, Industrial Safety Engineering, Engineering Design and Master of Business Administration. "Entrepreneurship is the main engine for Growth" Entrepreneurs play a vital role in the economic development of any region or country.

Selvam College of Technology gives vital importance for practicing Yoga for maintaining balance between work and a healthy lifestyle inside the campus in order to attain self-Rejuvenation.

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

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

Sports play a pivotal role in shaping one's personality and maintaining good health. Selvam College of Technology, Namakkal has specially developed sports environment that matches international standards and gives a truly global experience to all our students. SCT is equipped with the multiple sports facilities to keep our students engaged with better physical fitness and to provide training for participating in various sports and games at the national and international level. The college has ground facilities for playing Ball Badminton, Cricket, Basketball, Football, Hockey, Tennis, Kabaddi, Volleyball, Badminton, Handball and also track and field facilities for running, long jump, triple jump, high jump and pole vault. The college has a state-of-art international standard multipurpose indoor stadium for playing badminton, table tennis, chess and carrom.

To ensure a sound body and mind, special attention is given to student's health and fitness. A modern gym, with all latest state of art equipments, has been set up in both boys and girls hostel. In addition to that yoga club has been established in our college to inculcate the practice of doing yoga.

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

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | Nil |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | View File |

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

577.20

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | No File Uploaded |
| Upload audited utilization statements | View File |
| Upload Details of budget allocation, excluding salary during the year (Data Template) | View File |

4.2 - Library as a Learning Resource

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

4.2 - Library as a Learning Resource

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

File Description

Lips I Net 5.0

Library Automation Software -Lips i Net 5.0

The Library automation Software Lips i Net 5.0, contains 3 modules, viz Library Main, Library OPAC AND E-Gate Register

1. Library Main Software helps not only to key in the master data of Books, Periodicals, Back Volumes and Library users but also do transaction and taking reports in various formats. Stock verification can be done with the help of latest tools like barcode scanners, RFID etc, for which the feature are in built in the software. Displaying photographs and digital clips are available.

2. Library OPAC (Online Public Access Catalogue) is a separate module, which helps the user of the library to search the Title, Author, Publisher, and Acc. No etc., available in the library. User can reserve the books and or cancel the reserved the books. They can check out his dues and over dues in the library. Provisions for downloading the digital clips and taking printouts of some contents are available. Library resources are made available for the users with some restrictions.

3. E - Gate Register manages the entry and exit of users while scratching his id card to record his visit in the Library.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for Additional Information | Nil |

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources A. Any 4 or more of the above

| File Description | Documents |
|--|---------------------------|
| Upload any additional information | View File |
| Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc (Data Template) | View File |

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

7.78

| File Description | Documents |
|--|---------------------------|
| Any additional information | No File Uploaded |
| Audited statements of accounts | 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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

1326

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Details of library usage by teachers and students | View File |

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Response:

The increasing demand for internet access in educational campus due to evolving standard of education and flexibility offered by the Internet to colleges are keenly stepping forward to setup secured and stable wired or Wi-Fi network campus for their students.

All the departments have dedicated hardware and software facilities. The college provided internet facility for all the faculty members and the students. The LCD projector facility is provided for all departments. The faculty have unlimited access to information available on the web page and refer journal and book any time. Several laboratories, staff cabin, office and library are equipped with computer with internet facility. Internet facility is available for students beyond working hours. Wi-Fi

connectivity is provided for both hostels. The Number of computer with access to Internet: 725 and LAN configuration and speed are 100 Mbps. Currently we are using band line of 100 Mbps form and also we have provided 24x7 Wi-Fi facilities to student at both hostels as well as Faculty & Students in the campus.

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

4.3.2 - Number of Computers

725

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | No File Uploaded |
| List of Computers | View File |

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

| File Description | Documents |
|--|---------------------------|
| Upload any additional Information | No File Uploaded |
| Details of available bandwidth of internet connection in the Institution | View File |

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

261.95

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | No File Uploaded |
| Audited statements of accounts | View File |
| Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates) | View File |

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

- The infrastructure pertaining to physical, academic and support facilities in college are regularly maintained to ensure that they are of maximum benefit to the students as well as teaching and nonteaching staff. The college has appointed various workers for maintaining infrastructure and equipment.
-
- Complaint and service registers are maintained for various services like electrical, plumbing and housekeeping. Supporting staff members are deputed to ensure maintenance of the campus. The institution has developed excellent infrastructure like placement cell, office, digital library, well equipped laboratories and Computer lab, Internet with wi-fi connectivity, seminar halls in each department, and separate hostels for boys and girls. Suitable budget is allocated every year for the maintenance of various facilities. The various committees meet regularly to monitor the optimum use of infrastructure which is accessible to the students and staff of the college.
- Periodical maintenance is made by cleaning the Laboratory, Software updates antivirus updates.
- Stock register, damaged register and equipment service register is maintained in the laboratories.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1045

| File Description | Documents |
|--|---------------------------|
| Upload self attested letter with the list of students sanctioned scholarship | View File |
| Upload any additional information | No File Uploaded |
| Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template) | View File |

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

264

| File Description | Documents |
|--|---------------------------|
| Upload any additional information | View File |
| Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template) | View File |

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

| File Description | Documents |
|---|---------------------------|
| Link to Institutional website | Nil |
| Any additional information | View File |
| Details of capability building and skills enhancement initiatives (Data Template) | View File |

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

242

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

935

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

| File Description | Documents |
|--|---------------------------|
| Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee | View File |
| Upload any additional information | No File Uploaded |
| Details of student grievances including sexual harassment and ragging cases | View File |

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

160

| File Description | Documents |
|--|---------------------------|
| Self-attested list of students placed | View File |
| Upload any additional information | No File Uploaded |
| Details of student placement during the year (Data Template) | View File |

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

24

| File Description | Documents |
|--|---------------------------|
| Upload supporting data for student/alumni | View File |
| Any additional information | No File Uploaded |
| Details of student progression to higher education | View File |

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

0

| File Description | Documents |
|--|---------------------------|
| Upload supporting data for the same | No File Uploaded |
| Any additional information | No File Uploaded |
| Number of students qualifying in state/ national/ international level examinations during the year (Data Template) | View File |

5.3 - Student Participation and Activities

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

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

9

| File Description | Documents |
|--|---------------------------|
| e-copies of award letters and certificates | View File |
| Any additional information | No File Uploaded |
| Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template) | View File |

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

- Selvam College of Technology (SCT) has an effective Student Academic Council with academically strong students as its members. It operates with a sense of responsibility in**

dealing with the student concerned activities.

2. The student council consists of students from all departments to get unbiased opinions and suggestions in various decision-making and to formulate strategies for the overall curricular, co-curricular, and extra-curricular development of students.
3. The Student Academic Council gets feedback on the teaching-learning process from the departments to improve quality.
4. The hostel Student Welfare Committee looks after the feedback on the Hostel and Amenities. The quality and hygiene of the hostel are monitored by student representatives along with the other nominated faculty members.
5. Student clubs like Hobbies club, Hackathon, and Product Development cell are actively encouraged in SCT for the welfare of students.
6. In addition to that, the students are involved in organizing Seminars, Workshops, symposiums, Technical fest, Cultural fest, and Annual sports fests.
7. The Alumni Association is in place to strengthen the relationships among alumni.
8. The Association plays a vital role in various institute-level committees including the Women Development Cell, Anti-ragging Committee, Grievance Redressal, and IQAC committee.

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

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

13

| File Description | Documents |
|--|---------------------------|
| Report of the event | View File |
| Upload any additional information | No File Uploaded |
| Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template) | View File |

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

1. The Selvam College of Technology has a registered Alumni Association. The Alumni Association is enrolled in the Namakkal registration office under the Tamilnadu society's Registration Act, 1075 and the registration number is SL.NO:25/2015.

2. The college website <http://selvamtech.edu.in/alumni> holds the alumni association details.

3. The outgoing students register their membership in the alumni association.

4. SCT conducts alumni meetings every year. Our prominent alumni are working in various fields. Hundreds of alumni members of Selvam College of Technology have been serving worldwide, and occupy eminent posts and positions both in the government and private sectors.

5. The notable alumni share their professional experiences with students and motivate them through various activities like delivering guest lectures, and workshops on career prospects and the current scenario of the industry.

6. The alumni are regularly involved in conducting pre-placement sessions for undergraduate and postgraduate students. This helps the students to be updated with current industrial requirements and boosts their confidence to mold themselves toward their future.

7. The alumni used to have a network with the juniors with the help of social media like Twitter, WhatsApp, Telegram, Facebook, and Corporate mail.

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

5.4.2 - Alumni contribution during the year E. <1Lakhs (INR in 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 and in tune with the vision and mission of the institution

Selvam College of Technology, Namakkal, was started in Namakkal town to prepare educators with glorious knowledge in the field of science and technology along with morality, self-confidence, and innovative thoughts.

Nature of Governance: The governance of the institution is effected through the Governing Body of the College. It acts as the apex body, which comprises the Chairman, Secretary, Principal, and nominees from AICTE, DOTE, and external experts. All the academic affairs are monitored through the apex body of the College and Finance Committee. Administrative sections include the Principal, IQAC team, Administrative Manager, Heads of the Departments, Faculty members, Various Committee in-charges, and Office Superintendent.

Vision: To be a world-class institute in technical education through innovations and research in various fields of engineering and technology by creating highly competent technocrats with moral qualities.

Mission:

SCT will endeavor to:

- Be a focal point in engineering education for emerging technologies in accordance with societal contexts.
- Be an engineering institute fostering research and development, evolving innovative applications of technology, and encouraging entrepreneurship of students with moral qualities.
- Empower the students from various socio-economic strata.

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

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Professional Management approach is used to manage the Institution. When it comes to academic and administrative issues, the Professional Management program aims to put the concept of innovation into practice. Decentralization and participatory management are constantly championed by the institution. Management, Governing Council, Principal, Administrative Manager, IQAC Team, Heads of the Department, Faculty Members, NAAC Committee, Various Other Committees, Administrative and Non-teaching Staff, and all other stakeholders interested in decentralization and participative management contribute to improving the quality. 1. Management: The Institution emphasizes a decentralized and participatory management that includes all types of stakeholders during the decision-making process.

2. Principal: The Governing Body delegated all academic and operational decisions based on policy to the Internal Quality Assurance Cell (IQAC), which is chaired by the Principal, in order to realize the institute's vision and goal.

3. Administration: The Institution's backbone is administration. The college administration plays a critical role in the establishment and execution of policies, programmes, and projects that are aligned with the college's vision and mission.

4. Departments: In order to demonstrate their competence, faculty members serve on various committees/cells and are given

opportunities to lead various initiatives.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Perspective/Strategic plan focuses on current trends and disrupting forces in higher and technical education strata which when adopted can show better performance. It makes an assessment of stakeholder's expectations, students, faculty members, and employers.

| 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 institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The Management, Governing Body, Principal, Administrative Manager, IQAC has framed the College Organizational Structure.

The College Management is the highest decision-making body and it is in continual contact with the Principal and Administrative Manager on all topics relevant to the institution's smooth operation.

Governing Council members meet once a year to review financial, infrastructural, faculty recruiting, and other topics concerning the College's overall development.

Academics, Workload, Timetable, Admissions, Discipline and Codes of behavior, Curricular and Extracurricular parts of the college are all handled by Head of the Institution.

The College also maintains an Internal Quality Assurance Cell (IQAC) that aims to achieve quality, improvement, and maintenance of goals. The IQAC is responsible for keeping track of the institution's internal quality.

College Committees: Various committees have been formed to plan, prepare, and execute academic, administrative, and extracurricular activities. The Convenor and members of each committee make up the committee.

| File Description | Documents |
|---|--|
| Paste link for additional information | Nil |
| Link to Organogram of the institution webpage | https://selvamtech.edu.in/about/organogram / |
| Upload any additional information | View File |

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

A. All of the above

| File Description | Documents |
|--|---------------------------|
| ERP (Enterprise Resource Planning) Document | View File |
| Screen shots of user inter faces | No File Uploaded |
| Any additional information | No File Uploaded |
| Details of implementation of e-governance in areas of operation, Administration etc(Data Template) | View File |

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Teaching Faculty

1. Group Insurance

2. Casual Leave

3. Maternity Leave
4. Faculty Financial Support for attending Conference/Workshop
5. Incentives/Increments/Awards for the Academic Performance.
6. Free Food and Accommodation for the staff staying in the hostel
7. Free Wi-Fi Facilities
8. Free Transportation
9. Subsidized Food for Faculties
10. On Duty for Co-curricular activities.
11. Special study leave for Higher education
12. Salary Advance
13. Vacation leave.
14. Increment for Ph.D completion.
15. Medical Camps.

Non-Teaching Faculty

1. Group Insurance
2. Casual Leave
3. Maternity Leave
4. Free Food and hostel Accommodation for the staff staying in hostel
5. Free Wi-Fi Facilities
6. Free Transportation
7. Subsidized Food
8. Medical Camps.

CLIP- Computer Literacy Information Programme lab for the benefit

of staff.

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

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

50

| 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 programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

16

| File Description | Documents |
|--|---------------------------|
| Reports of the Human Resource Development Centres (UGCASC or other relevant centres). | View File |
| Reports of Academic Staff College or similar centers | No File Uploaded |
| Upload any additional information | No File Uploaded |
| Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template) | View File |

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

67

| File Description | Documents |
|---|---------------------------|
| IQAC report summary | View File |
| Reports of the Human Resource Development Centres (UGCASC or other relevant centers) | No File Uploaded |
| Upload any additional information | No File Uploaded |
| Details of teachers attending professional development programmes during the year (Data Template) | View File |

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Selvam College of Technology has a Self-Appraisal Policy for Teaching Staff: The SCT has developed the following objective assessment system for improvement. The three-level evaluations involve:

This performance appraisal system will be followed from the academic year 2017-2018.

The intention of a performance appraisal policy is to ensure that the workplace is focused on results. It helps the employees to achieve their goals and acts as a reward for their contributions to the organization's success. Selvam College of Technology strives to improve the academic training and research environment on a regular basis.

This is achieved not only through better infrastructure but also through the implementation of effective teaching and learning methodologies. To determine the effectiveness of the inputs provided by the SCT, it is essential to determine whether the users of such facilities are satisfied and receive the intended results from the initiatives undertaken.

Selvam College of Technology has a Self-Appraisal Policy for Teaching Staff:

The SCT has developed the following objective assessment system for improvement. The three-level evaluations involve:

- Result Percentage -(50)
- Contribution to Institutional Growth- (10)
- Contribution to student development - (15)
- Contribution to R &D - (25)

The teaching staff has gained knowledge and experience with the result of the following assessment policy.

- Teaching style and abilities with the feedback from the students.
- Improvements in teaching resources and methodologies are possible.
- The results of the research and the work's relevance to current advances in the respective areas.

| File Description | Documents |
|---------------------------------------|------------------|
| Paste link for additional information | Nil |
| 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 Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Institution conducts internal and external financial audits on a regular basis. Mechanism for Internal Audit and External Audit is as follows.

Internal Audit:

Copy of Budget proposals, invoice and vouchers, and supporting documents of every purchase /event is maintained in the respective Departments and the original documents are sent to the accounts Department of the Institution. The accountant of the institution verifies every document, observations if any, is brought to the notice of HODs for immediate rectification. The details of all the expenditures / transactions of the entire financial year is consolidated and maintained at the accounts office and submitted for external audit at the end of the financial year. Appointed Chartered Accountant's team members visit the institution quarterly and verifies all the bills, vouchers, etc.,

External Audit: The external audit takes place annually after the completion of every financial year. The Chartered Accountant, who works as an auditor, is appointed by the Management. The bills and vouchers of the revenue expenditure are checked. The vouchers, records and capital expenditure of the concerned Departments are checked and verified.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

| File Description | Documents |
|---|---------------------------|
| Annual statements of accounts | No File Uploaded |
| Any additional information | No File Uploaded |
| Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template) | View File |

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The college mobilizes funds for its regular activities and development from different agencies and individuals. The mobilized fund is optimally used by the college.

Major sources of institutional receipts/funding

- Fees from students for regular and add-on courses.
- Mobilised from various government and non-government sources for the purpose of research projects.
- Various government and autonomous bodies are approached for sponsorships to organize National, International conferences and workshops.

Convenors of various committees and Faculty Members are invited to indicate their requirements at the start of the session to ensure effective and optimal use of available resources. This is to ensure that laboratories, libraries, computing facilities, classrooms, and equipment facilities are maintained and upgraded on a regular basis. Budget is produced and submitted to the Competent Authority for approval based on the requirements submitted by Committee Convenors and Faculty Members. The accounting section and the Principal will process all financial records and bills. Throughout the process, transparency is maintained, and allocated funds are used to their full potential.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The IQAC is responsible for maintaining the quality of the college administrative and academic operations. The teaching faculty is encouraged and motivated to build a scientific temper in order to disseminate a research culture among the students and to make them aware of present and future challenges and opportunities. This is accomplished by sharing new research findings in their respective domains with the students on a regular basis.

Strategies: IQAC shall evolve mechanisms and procedures for:

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
- The relevance and quality of academic and research programmes.
- Equitable access to and affordability of academic programmes for various sections of society. Optimization and integration of modern methods of teaching and learning.
- The credibility of evaluation procedures.
- Ensuring the adequacy, maintenance and functioning of the support structure and services.
- Research sharing and networking with other institutions in India and abroad.

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

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Two institutional reviews and implementation of teaching learning reforms facilitated by the IQAC are:

1. Academic Review
2. Teaching and Learning reforms

Academic Review:

Every semester, the Academic and Administrative Audit (AAA) is the

major teaching-learning review. The AAA assesses how well teaching practises, curricular, and co-curricular activities meet institutional planning, execution, and record-keeping standards. There is uniformity in the conceptualisation of the structure and methods of academic and extracurricular routine in every academic session since the introduction of the AAA.

Student interaction in class, engagement in extracurricular activities, and performance on internal assessments and end-of semester exams are all evaluated in the review of learning outcomes. At the audit meeting, each department delivers a report on student academic performance.

Teaching and Learning reforms: The IQAC at Selvam College encourages and ensures continual reforms in teaching-learning methodologies. It lays impetus on the adoption of ICT in teaching practices.

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

| File Description | Documents |
|--|---------------------------|
| Paste web link of Annual reports of Institution | Nil |
| Upload e-copies of the accreditations and certifications | View File |
| Upload any additional information | View File |
| Upload details of Quality assurance initiatives of the institution (Data Template) | 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

Specific facilities provided for women in terms of: 1.Safety and security 2.Counseling 3.Common Rooms 1.Safety and security Safety and security for all students, teachers, non-teaching staff and the visitors is the first priority. To ensure a safe campus and a secured environment the college has embarked upon the following initiatives: A senior and experienced security guard will monitor the environment. The entire campus is under CCTV surveillance. Medical Unit with free medical check-up for the students by eminent Doctors. Separate washrooms for the male and female teaching and non-teaching Staffs. 1. Counseling The College is willing to nurture a healthy environment, both physical health and mental health. A separate Carrier Counseling Cell has started. The counseling cell makes an effort to create awareness regarding their, psychological and physical conditions. 2. Common Rooms The College has a girl's common room. There are separate toilets for gents, teaching staff and students. Specific cleaning schedule is given to the house keeping people and followed meticulously. The girl's hostel is managed by the hostel committee, constituted by the staff council of the college and executed by the warden in consultation with principal of the college

| File Description | Documents |
|--|-----------|
| Annual gender sensitization action plan | Nil |
| Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information | Nil |

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

A. 4 or All of the above

| File Description | Documents |
|--------------------------------|---------------------------|
| Geo tagged 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 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Methods for Waste Management Selvam College of Technology predominantly focuses on reducing wastages which are hazardous to the environment. The following waste management systems concentrate on recycling and reducing the wastages. Solid waste management Good-conditioned Bio degradable and Non-Bio degradable dust bins are placed in and around the college campus to collect and dispose of the wastages. Food wastages from hostels and canteen are collected in a proper container and giving it to farms and poultry besides using it to produce biogas. Liquid waste management The campus has a well-constructed drainage system to collect and discrete various liquid wastes. The chemical liquid waste from science laboratories passes through a concealed pipe line to drainage and other liquid wastes will be recycled properly and utilized for the gardening and other purposes like used to produce biogas. Biomedical waste management These biological wastes must be adequately handled to treat or eliminate the waste hazards are treated by autoclaving, and hot air oven treatment is followed in our campus to achieve this goal. E-Waste Management

Since E-waste is a rising problem, the campus strongly follows the policy of reusing the electronic items as much as possible. There is no major disposal of electronic waste.

| File Description | Documents |
|---|---------------------------|
| Relevant documents like agreements / MoUs with Government and other approved agencies | View File |
| Geo tagged photographs of the facilities | 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 |
|---|---------------------------|
| Geo tagged 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: A. Any 4 or All of the above

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

| File Description | Documents |
|--|---------------------------|
| Geo tagged 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 are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

| File Description | Documents |
|--|---------------------------|
| Geo tagged photographs / videos of the facilities | View File |
| Policy documents and information brochures on the support to be provided | View File |
| Details of the Software procured for providing the assistance | View File |
| 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 socioeconomic and other diversities (within 200 words).

We trust in unity in diversity that's why our students respect different religions, languages, and cultures. We feel the college is our second home and all faculty members are like family members. We greet and wish each other at different festivals and invite them to have a feast to get introduced to one's culture to have amicable relations and to maintain religious, and communal harmony. The diversity in India is unique. On account of that, SCT encourages students to participate in various programs. Through these programs, students get acquainted with the different cultures of our nation and help to develop tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities. This also creates an inclusive environment in the college and society. Programs like Women's Day, Yoga Day, Pongal Celebration, Ayudha Pooja Celebration, Holi, Deepavali, Ramzan, and Christmas are celebrated in our college. This provides an inclusive environment to interact and perceive different cultures and different religious festivals. Institution strictly follows ethical rules for students and separate ethical rules for teaching and non-teaching staff to treat other people irrespective of their background, culture, religion, and linguistics.

| File Description | Documents |
|--|---------------------------|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | View File |
| Any other relevant information | View File |

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

Selvam College of Technology (SCT) paves a path for students and staff members to perceive the constitutional responsibilities of every citizen such as Values, Rights, and Duties by organizing various programs and events. On 26th November of every year, Constitutional Day is celebrated in SCT by organizing a program and inviting chief guests from various departments who all are working in the government sector. Our university has a mandatory paper on Professional Ethics, and Environment Science Engineering at the degree level for all engineering disciplines to perceive the importance of constitutional duties. To elevate the scenario, SCT actively engages NSS and the literacy club to liberate the

students and the common people about Democracy and constitutional rights. SCT celebrates Republic Day every year fulsomely by engaging in competitions and various activities. Besides, Independence Day also has been celebrated every year to pay respect to all the martyrs, and politicians who have sacrificed their lives for freedom.

| File Description | Documents |
|--|-----------|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | Nil |
| Any other relevant information | Nil |

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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

A. All of the above

4. Annual awareness programmes on Code of Conduct are organized

| File Description | Documents |
|--|---------------------------|
| Code of ethics policy document | View File |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs 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

Selvam College of Technology (SCT) celebrates Independence Day on 15th August every year in a grand manner to pay tribute to our

martyrs and freedom fighters. The grand day starts by God of Honor to the chief guest followed by flag hoisting and march-past. Every year SCT celebrates Republic Day on 26th January respectfully to perceive the importance of the constitution. The day starts by God of Honor to the chief guest followed by flag hoisting and march-past. The chief guest gives a keynote address to the students and staff members. On 5th September, SCT celebrates Dr. Radhakrishnan's birthday as Teacher's Day. The students of SCT conduct programs and events for all staff members to pay their respect and tribute to the profession of teaching. Every year on 15th September, SCT celebrates Engineers Day to pay remembrance of M Visvesvaraya for his various contributions to the field of engineering and being a pioneer of education. On that day, SCT conducts various programs and motivates students. Yoga Day is celebrated on the 21st of June in SCT. During the 15 days of the induction program, the college offers yoga classes to students and encourages them to learn yoga to lead a good healthy life.

| File Description | Documents |
|---|---------------------------|
| Annual report of the celebrations and commemorative events for the last (During the year) | View File |
| Geo tagged photographs of some of the events | View File |
| Any other relevant information | No File Uploaded |

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1 1. Title of the Practice Web Enabled Learning Resources through Google Classroom
Best Practice 2 1. Title of the Practice News in Education (NIE)

| File Description | Documents |
|---|-----------|
| Best practices in the Institutional website | Nil |
| Any other relevant information | Nil |

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust

within 200 words

Establishment of Continuous Ambient Air Quality Monitoring Station (CAAQMS): Tamil Nadu Pollution Control Board (TNPCB) is interested in establishing Continuous Ambient Air Quality Monitoring Stations (CAAQM) in Tamilnadu with the participation of the Educational Institutions at 25 locations. It is identified jointly by the TNPCB and Educational Institutions. On account of that, TNPCB has given authorization to Selvam College of Technology (SCT) in Namakkal district for the establishment of CAAQM. In this regard, MoU was signed on the 21st of January 2016 in the presence of the District Environmental Engineer, Mr. P. Manimaran for a maximum period of 5 years which will be renewed by another 5 years or more as per the PWD rates at the option of TNPCB. The instrument has been installed near the main entrance of SCT to monitor air quality in and around the college campus. The station measures the air quality of a radius of 5 km distance and evaluates a total of 16 parameters. The data from the station will help government agencies inform the public regarding the current level of air pollution, formulate strategies, etc., SCT provides a telephone connection and a high-speed internet connection to the instrument for the transmission of data from this station to TNPCB, Chennai.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Selvam College of Technology, affiliated to Anna University, Chennai, follows the curriculum designed by the University. In the beginning of every academic year, the University chalks out the Academic Schedule and circulates to its affiliated colleges. The Academic Council chaired by the Principal sets the Academic Calendar of the Institution and each department frames an academic calendar marking the events and assessments of the particular academic year. At the beginning of each semester, the head of the departments organize an academic planning meeting to list out the Core course, elective courses and collects the preference of the subject from the faculty members. The courses are allocated based on the preference and experience of the faculty members. Head of the Department assigns the work load comprising both Theory and lab schedule for each faculty member and lecture hours are assigned as per the university norms. Time table coordinators of each department discuss and prepare the timetable for their concerned department considering credit requirement of each subject and finally the master timetable is compiled. The Faculty members prepare their own course plan and course material for the allocated courses which includes the Syllabus, Lesson plan, Time table, Course Objectives, Outcomes, CO-PO mapping, Video links, Assignments etc., Continuous internal Assessments are conducted as per the Academic calendar. Curriculum delivery, Student performance and progress are periodically monitored by the respective Head of the Department and the Principal. Faculty members use various innovative teaching methodologies to make teaching learning process more effective.

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | View File |
| Link for Additional information | Nil |

1.1.2 - The institution adheres to the academic calendar including for the conduct of

Continuous Internal Evaluation (CIE)

Academic calendar approved by the Principal is continuously monitored by the Head of the

Departments for its effective implementation. The student academic progress is monitored regularly by class advisors, mentors and respective head of the departments.

Continuous Internal Evaluation (CIE) is quantified based on outcome of seminars, effectiveness of project works, and performance of internal Assessment test and semester examinations.

The institution practices a system of internal assessment of the students with a focus to ensure uniformity, transparency, high academic standards and quality through Outcome Based Education (OBE) based on the following,

Question papers for the internal tests are designed to facilitate the assessment of the attainment of the course outcomes.

The internal assessment marks in theory courses are based on two IAT and one model exam in each semester.

The exam cell coordinator check the question paper for the particular course and the answer scripts are evaluated within 3 working days from the day of examination. Improvement tests for the slow learners are scheduled to improve the performance of internal test.

After each internal assessment examination, a Class Committee meeting is conducted in the department with the faculty members.

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | View File |
| Link for Additional information | Nil |

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of

C. Any 2 of the above

the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

| File Description | Documents |
|--|---------------------------|
| Details of participation of teachers in various bodies/activities provided as a response to the metric | View File |
| Any additional information | View File |

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

13

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

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

13

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Brochure or any other document relating to Add on /Certificate programs | No File Uploaded |
| List of Add on /Certificate programs (Data Template) | View File |

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

453

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Details of the students enrolled in Subjects related to certificate/Add-on programs | View File |

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Response:

The institute has a history of strong community outreach through various curricular and co-curricular activities. The institute always incorporates the crosscutting issues of gender, human values, professional ethics, environment and sustainability.

Gender equality

As a co-educational institute, measures towards gender equality are taken for both the genders in all aspects. The college has Women Empowerment Cell which is formed to redress the grievances of the girl students and promote leadership qualities among women faculty. Equal opportunities are extended to boys and girls to participate in co-curricular and extracurricular activities.

Human Values

The institution has an Anti-Ragging committee with the

Principal as the convener. This committee effectively controls ragging against the fundamental human values and rights. The NSS unit of the institution comprises of students voluntaries actively performs social service activities by adopting a village every year.

Environment and Sustainability

The institution has a lush green and clean campus. It is also conscious of energy conservation and adopts energy efficient practices of solar energy supplementation, and use of LEDs and CFLs lamps. Water conservation is effected by adopting water recycling and rain water harvest techniques.

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum. | View File |

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

97

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| Programme / Curriculum/ Syllabus of the courses | View File |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | No File Uploaded |
| MoU's with relevant organizations for these courses, if any | No File Uploaded |
| Institutional Data in Prescribed Format | View File |

1.3.3 - Number of students undertaking project work/field work/ internships

371

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| List of programmes and number of students undertaking project work/field work/ /internships (Data Template) | View File |

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students Teachers Employers Alumni

A. All of the above

| File Description | Documents |
|---|---|
| URL for stakeholder feedback report | https://selvamtech.edu.in/naac-web/stakeholders-feedback/ |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management | View File |
| Any additional information | No File Uploaded |

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | View File |
| URL for feedback report | https://selvamtech.edu.in/naac-web/stakeholders-feedback/ |

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

502

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

502

| 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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Response:

Selvam College of Technology (SCT) has effective mechanism to assess and evaluate students' learning process. To nurture the students and to provide experience, the institution offers various types of activities and training programs.

First year Induction Program

The institution gives an Induction program for first year students to introduce the college atmosphere, infrastructure, and academic regulations. They are provided to develop their fundamental knowledge and to improve communicational skills, technical exposure, confidence level and learning skills. The institution evaluates the performance of the students periodically through Internal Assessment Tests, Assignments, co-curricular activities and end semester examination. After assessing the performance of the students through continuous assessments, the students were identified as slow learners and

advanced learners.

Programmes for Advanced learners

To enrich the advanced learner's knowledge, they are encouraged to do online courses in NPTEL Swayam, Coursera and MOOC Courses. They are motivated by regular appreciation and are encouraged to undertake Value added course, to undergo Inplant trainings and Internship programs. Awareness programs about higher studies and placement training activities have been given to them to uplift their career. Besides, they are encouraged to participate in various competitions conducted by other Institutes.

Programmes for Slow Learners

Slow Learners are identified and assisted by providing simplified notes, previous semester question papers, Question Bank and coaching classes. Their performance are monitored regularly. Mentors are giving counselling regularly and assisting them in all aspects.

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

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

| Number of Students | Number of Teachers |
|--------------------|--------------------|
| 1175 | 157 |

| File Description | Documents |
|----------------------------|---------------------------|
| 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

The institution practices effective teaching methodologies which focuses on imparting multifaceted education. The Institution adopts student centric learning methodologies and

follows the curriculum designed by Anna University, Chennai.

Teaching Methodologies

It provides a blended learning environment which includes conventional teaching methodologies and ICT enabled teaching methods. To elevate teaching and learning process, the faculty members are encouraged to undertake NPTEL online courses, various Faculty Development programs, Orientation programs, seminars/webinars, Short Term Training Programs, and workshops.

Experimental Learning

The students are involved in Experimental learning through Practical classes, Industrial visits, Inplant trainings, Internships, Academic projects, and Mini projects. Students experience the theory concepts in classrooms as well as in laboratories. Experimental learning through industrial visits, value-added courses, in plant trainings.. For first year students, Induction Program is organized to nurture them with fundamental skills.

Participative Learning

The faculty members encourages participative learning through participation in group discussions, seminars, symposiums, conferences, paper presentations, various club activities, quiz activities and enacting role plays.

Problem-based learning

To bring out the creative and analytical thinking, the institution motivates the students to do projects and case study method also provided. internal test question papers are Bloom's taxonomy based and case studies are also promoted.

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |
| Link for additional information | Nil |

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The institution enhances the learning opportunities and enables the learners to share and transform their knowledge and ideas globally. The Institution adopts student centric learning methodology and follows the curriculum designed by Anna University, Chennai. It provides a blended learning environment that includes traditional classroom education and ICT enabled teaching and Virtual Classrooms.

The ICT tools like PPT, Google classrooms, subject related videos, audio systems, online quiz programs, E-Portal and virtual labs are used which helps to improve their academic performance. Students are motivated to do online courses in NPTEL and other online educational platforms. The institution has E-portal facility which has the access to E-learning materials of all subjects. The teachers can structure their course contents and the E-content is posted on their respective subject virtual (Google) classrooms. The institution has Digital Library facility and motivates the students to practice self learning. Numerous e-journals and e-books are subscribed to enhance the technical and research skills of students. The institution has a well-furnished language lab and various licensed software for language learning. The institution helps students to enhance their communication skills by improving their listening and speaking skills through the help of Audio-Visual lessons and E-modules.

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | View File |

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

77

| File Description | Documents |
|--|---------------------------|
| Upload, number of students enrolled and full time teachers on roll | View File |
| Circulars pertaining to assigning mentors to mentees | View File |
| Mentor/mentee ratio | View File |

2.4 - Teacher Profile and Quality

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

157

| File Description | Documents |
|--|---------------------------|
| Full time teachers and sanctioned posts for year (Data Template) | View File |
| Any additional information | No File Uploaded |
| List of the faculty members authenticated by the Head of HEI | View File |

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

39

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template) | View File |

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

| 785.62 | |
|---|---------------------------|
| File Description | Documents |
| Any additional information | No File Uploaded |
| List of Teachers including their PAN, designation, dept. and experience details(Data Template) | View File |
| 2.5 - Evaluation Process and Reforms | |
| 2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words. | |
| <p>The institution has a transparent evaluation process for evaluating student performance. Continuous evaluation process is made through internal assessment tests, assignments, cycle tests, mini projects, academic projects, and seminar presentations. Based on the University's Academic Schedule, the Internal Examination Cell of the Institution prepares the Internal Assessment Schedule and timetable, and the assessment schedule is included in the academic calendar of the institution. The same is circulated to all the classes and it is displayed in the Department, Common notice board, and Classroom Notice board well in advance. The Examination pattern and the system of internal assessment are communicated to the students well in advance by the Internal Examination cell, members of each department, and also by class advisors. Assessment tests are conducted regularly as per the schedule given in the academic calendar.</p> <p>The institution schedules two IATs and one model examination. Changes in schedules, question/mark patterns, timings, methods if any, are immediately notified to the students through notice boards and also through the respective subject faculty members. The question paper is prepared based on Blooms Taxonomy. After evaluation of answer sheets, the students' performance are communicated to them and intimated to the parents if needed. The students who are with low performance are given personal guidance by the concerned faculty and mentors. The grievances of the students in the assessment tests, assignments and model exams are rectified in time.</p> | |

| File Description | Documents |
|---------------------------------|---------------------------|
| Any additional information | View File |
| Link for additional information | Nil |

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

Internal Assessment

Since the institution is affiliated with Anna University, Chennai, it follows the instructions laid down by it to conduct internal assessment tests and end semester examinations. The academic calendar is prepared with internal assessment schedule before the commencement of every semester and published. The institution has a well defined Internal Examination Cell which conducts assessment tests and model examinations. The timetable and hall arrangement details are published and circulated to students prior to the assessment tests. The respective subject handling faculty members are instructed to prepare question paper with the syllabus coverage prescribed in academic calendar. Head of the Department and the Academic coordinators examine the question paper and approve the same. The syllabus for each internal assessment test is communicated to students well in advance.

The institution follows a proper guideline for handling Examination related grievances for both Internal and External exam. The students' issues are resolved with high priority. In the Internal Examinations, the grievances are reported to internal exam coordinator for immediate action. After evaluation, the answer scripts are issued to the students and they are permitted to self-evaluate their answers. The Internal Assessment marks are transparent to students and posted in the University Portal.

External Assessment

The institution has a centralized University Examination Cell which follows the instruction and regulation issued by the University. It conducts the end-semester examinations according to the schedule and timetable given by the University. The review and revaluation procedure is followed to rectify the student mark-related issues.

| File Description | Documents |
|---------------------------------|---------------------------|
| Any additional information | View File |
| Link for additional information | Nil |

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The institution follows the curriculum designed by Anna University, Chennai. The University has clearly stated the Programme Outcomes (POs) and Course Outcomes (COs) for all its academic programs and courses. Every department has defined its own Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) in alignment with Program Outcomes described by university curriculum. The institution follows 12 Programme Outcomes, 2-4 Program Specific Outcomes and 5 - 6 Course Outcomes.

COs and POs are framed by the subject faculty member, Course committee and Head of the department along with subject experts. During Course committee meetings and regular meetings, the faculty members are assisted to achieve the course outcomes with effective teaching methods. The faculty members prepare the lesson plan, internal assessment question papers, quiz activities and experimental activities to attain their respective Course Outcomes.

The Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are well defined and stated in the institution website, Department, laboratories and in lesson plan of each and every course in all the academic programmes. Internal assessment question papers are prepared with the respective COs to ensure the POs and COs are mapping. The students are clearly made known about the COs of the respective subject during the course's syllabus introduction and in all internal assessment tests.

| File Description | Documents |
|---|---|
| Upload any additional information | No File Uploaded |
| Paste link for Additional information | https://selvamtech.edu.in/about/departments/mech/course-outcomes-mechanical-engineering/ |
| Upload COs for all Programmes (exemplars from Glossary) | View File |

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The performance of the students is measured through the Course Outcomes mapped with Programme Outcomes and Program Specific Outcomes. The Program Outcomes and Program Specific Outcomes are assessed with the help of course outcomes of the relevant courses through direct and indirect assessment methods. Direct Assessment includes internal assessment tests, model exam and end semester exams. Indirect assessment includes assignment and quiz activities.

The assessment schedule is prepared in advance and notified to the students. The assignments were given to students after completion of the prescribed syllabus coverage. The Principal, Head of the department and Academic coordinators monitor the execution of the respective courses of the faculty members and their timely completion of the syllabus to achieve the outcomes of the course and Programme. Any changes/deviations and grievances are discussed in regular meetings and in course committee meetings and rectified. A detailed lesson plan for each course with its objective and outcomes is prepared and get approved from Head of the department before the commencement of the classes. The final outcome of the course is evaluated from the performance of the students and that is analyzed at the end of each semester examination. The performance is evaluated by forming matrix of POs and COs with the correlation levels:

1. Slight (Low)

2: Moderate (Medium)

3: Substantial (High)

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

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

237

| File Description | Documents |
|--|---------------------------|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | View File |
| Upload any additional information | View File |
| Paste link for the annual report | Nil |

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://selvamtech.edu.in/naac/igac/agar2023//2.7.1/SudentSurvey.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0.15

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| e-copies of the grant award letters for sponsored research projects /endowments | View File |
| List of endowments / projects with details of grants(Data Template) | View File |

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

1

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

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

2

| File Description | Documents |
|---|---|
| List of research projects and funding details (Data Template) | View File |
| Any additional information | No File Uploaded |
| Supporting document from Funding Agency | View File |
| Paste link to funding agency website | https://www.tanscst.tn.gov.in/ |

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Selvam College of Technology has formed an ecosystem for Research, Innovation, Collaboration and Entrepreneurship by developing desirable human resources, taking initiative for creation & dissemination of knowledge and establishing state of the art infrastructure. The College has created a Research Wing, Entrepreneurship Development Cell (EDC) and Institutional Innovation Council (IIC) for promoting innovation & entrepreneurship activities. Students are encouraged to present their innovative projects and products through annual project contest conducted every Engineer's Day. The contest witnesses the participation of more than 200 projects across all the departments. The outstanding project ideas are identified and encouraged to participate in MSME, SIH 2022 and submit their ideas and projects to funding agencies like MSME, DST, AICTE, TNSCST and IIC. The Institution has established the IPR cell in the year 2017, through this we conduct many events about Intellectual Property Rights to our students and our students are filed more than 5 patents. Also, our faculty members received research funds from DRDO, DST, AICTE, SERB, TNSCST, IIC, etc. The faculties published more research articles and have also decided to bring out a number of in-house publications through the publication hub.

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

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

9

| File Description | Documents |
|--|---------------------------|
| Report of the event | View File |
| Any additional information | No File Uploaded |
| List of workshops/seminars during last 5 years (Data Template) | View File |

| 3.3 - Research Publications and Awards | |
|--|---------------------------|
| 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year | |
| 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year | |
| 0 | |
| File Description | Documents |
| URL to the research page on HEI website | Nil |
| List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template) | View File |
| Any additional information | View File |
| 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year | |
| 3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year | |
| 25 | |
| File Description | Documents |
| Any additional information | View File |
| List of research papers by title, author, department, name and year of publication (Data Template) | View File |
| 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year | |
| 3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year | |
| 2 | |
| File Description | Documents |
| Any additional information | View File |
| List books and chapters edited volumes/ books published (Data Template) | View File |

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The college organizes a number of extension activities to promote the institute-neighborhood community and sensitize the students towards community needs. The students of our college actively participate in social service activities, leading to their overall development. The college effectively runs the National Service Scheme. The majority of the activities are focused on environmental protection, awareness, Swatch Bharat Abhiyan, and cleaning of the college campus, and nearby temples. NSS Unit organized an awareness campaign on drug abuse, tobacco awareness, dental camp, Aadhaar Enrolment, and Correction Camp, etc. The Women Empowerment Cell (WEC) aims to empower female students and women faculty through various initiatives. Under its banner, invited talks are delivered by leading career women from various walks of life to create awareness on safety, health, career, and self-employment aspects for village women. Women's Day is celebrated as part of the Gender Sensitization Program. The World Cancer Awareness Day program was conducted to raise awareness among students. Involvement in these extension and outreach activities helps the students develop critical thinking skills and time management. Working outside the college campus and with diversified social groups of people allows students to gain more self-confidence, autonomy, and appreciation for others. These activities help them to become good leaders and citizens.

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

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

1

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| Number of awards for extension activities in last 5 year (Data Template) | View File |
| e-copy of the award letters | No File Uploaded |

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

5

| File Description | Documents |
|--|---------------------------|
| Reports of the event organized | View File |
| Any additional information | View File |
| Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template) | View File |

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

399

| File Description | Documents |
|--|---------------------------|
| Report of the event | View File |
| Any additional information | No File Uploaded |
| Number of students participating in extension activities with Govt. or NGO etc (Data Template) | View File |

3.5 - Collaboration**3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year****3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year**

168

| File Description | Documents |
|--|---------------------------|
| e-copies of related Document | View File |
| Any additional information | No File Uploaded |
| Details of Collaborative activities with institutions/industries for research, Faculty | View File |

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year**3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year**

5

| File Description | Documents |
|--|---------------------------|
| e-Copies of the MoUs with institution./ industry/corporate houses | View File |
| Any additional information | No File Uploaded |
| Details of functional MoUs with institutions of national, international importance, other universities etc during the year | 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 equipment etc.

Selvam College of Technology is a front-runner in the field of education today in Namakkal by imparting multifaceted education. A well-directed education is a passport to a good,

comfortable and secured life. SCT fully caters to the needs and aspirations of the student community and keeps itself to the changes taking place on the industrial and educational front of the country. V.Ponnusamy Educational and charitable trust got established by Dr.P.Selvaraj an Ideal Businessman and Philanthropist in 2000 in the fond memory of his late father V.Ponnusamy to impart quality education, to establish epicentre of excellence in learning and research will blossom into an institution par excellence.

SCT Offers 8 Undergraduate Departments such as BME, Civil, CSE, ECE, EEE, Mechanical, Biotechnology, Information Technology and 5 Post Graduate Courses such as Computer Science and Engineering, Applied Electronics, Industrial Safety Engineering, Engineering Design and Master of Business Administration. "Entrepreneurship is the main engine for Growth" Entrepreneurs play a vital role in the economic development of any region or country.

Selvam College of Technology gives vital importance for practicing Yoga for maintaining balance between work and a healthy lifestyle inside the campus in order to attain self-Rejuvenation.

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

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

Sports play a pivotal role in shaping one's personality and maintaining good health. Selvam College of Technology, Namakkal has specially developed sports environment that matches international standards and gives a truly global experience to all our students. SCT is equipped with the multiple sports facilities to keep our students engaged with better physical fitness and to provide training for participating in various sports and games at the national and international level. The college has ground facilities for playing Ball Badminton, Cricket, Basketball, Football, Hockey, Tennis, Kabaddi, Volleyball, Badminton, Handball and also track and field facilities for running, long jump, triple jump, high jump and

pole vault. The college has a state-of-art international standard multipurpose indoor stadium for playing badminton, table tennis, chess and carrom.

To ensure a sound body and mind, special attention is given to student's health and fitness. A modern gym, with all latest state of art equipments, has been set up in both boys and girls hostel. In addition to that yoga club has been established in our college to inculcate the practice of doing yoga.

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

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

72

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | Nil |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | View File |

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

577.20

| File Description | Documents |
|--|---------------------------|
| Upload any additional information | No File Uploaded |
| Upload audited utilization statements | View File |
| Upload Details of budget allocation, excluding salary during the year (Data Template | View File |

4.2 - Library as a Learning Resource

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

4.2 - Library as a Learning Resource

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

File Description

Lips I Net 5.0

Library Automation Software -Lips i Net 5.0

The Library automation Software Lips i Net 5.0, contains 3 modules, viz Library Main, Library OPAC AND E-Gate Register

1. Library Main Software helps not only to key in the master data of Books, Periodicals, Back Volumes and Library users but also do transaction and taking reports in various formats. Stock verification can be done with the help of latest tools like barcode scanners, RFID etc, for which the feature are in built in the software. Displaying photographs and digital clips are available.

2. Library OPAC (Online Public Access Catalogue) is a separate module, which helps the user of the library to search the Title, Author, Publisher, and Acc. No etc., available in the library. User can reserve the books and or cancel the reserved the books. They can check out his dues and over dues in the library. Provisions for downloading the digital clips and taking printouts of some contents are available. Library

resources are made available for the users with some restrictions.

3. E - Gate Register manages the entry and exit of users while scratching his id card to record his visit in the Library.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for Additional Information | Nil |

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template) | View File |

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

7.78

| File Description | Documents |
|--|---------------------------|
| Any additional information | No File Uploaded |
| Audited statements of accounts | 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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

1326

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Details of library usage by teachers and students | View File |

4.3 - IT Infrastructure**4.3.1 - Institution frequently updates its IT facilities including Wi-Fi****Response:**

The increasing demand for internet access in educational campus due to evolving standard of education and flexibility offered by the Internet to colleges are keenly stepping forward to setup secured and stable wired or Wi-Fi network campus for their students.

All the departments have dedicated hardware and software facilities. The college provided internet facility for all the faculty members and the students. The LCD projector facility is provided for all departments. The faculty have unlimited access to information available on the web page and refer journal and book any time. Several laboratories, staff cabin, office and library are equipped with computer with internet facility. Internet facility is available for students beyond working hours. Wi-Fi connectivity is provided for both hostels. The Number of computer with access to Internet: 725 and LAN configuration and speed are 100 Mbps. Currently we are using band line of 100 Mbps form and also we have provided 24x7 Wi-Fi facilities to student at both hostels as well as Faculty & Students in the campus.

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

4.3.2 - Number of Computers

725

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | No File Uploaded |
| List of Computers | View File |

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

| File Description | Documents |
|--|---------------------------|
| Upload any additional Information | No File Uploaded |
| Details of available bandwidth of internet connection in the Institution | View File |

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

261.95

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | No File Uploaded |
| Audited statements of accounts | View File |
| Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates) | View File |

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

- The infrastructure pertaining to physical, academic and support facilities in college are regularly maintained to ensure that they are of maximum benefit to the students as well as teaching and nonteaching staff. The college has appointed various workers for maintaining infrastructure and equipment.

-
- Complaint and service registers are maintained for various services like electrical, plumbing and housekeeping. Supporting staff members are deputed to ensure maintenance of the campus. The institution has developed excellent infrastructure like placement cell, office, digital library, well equipped laboratories and Computer lab, Internet with wi-fi connectivity, seminar halls in each department, and separate hostels for boys and girls. Suitable budget is allocated every year for the maintenance of various facilities. The various committees meet regularly to monitor the optimum use of infrastructure which is accessible to the students and staff of the college.
- Periodical maintenance is made by cleaning the Laboratory, Software updates antivirus updates.
- Stock register, damaged register and equipment service register is maintained in the laboratories.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1045

| File Description | Documents |
|--|---------------------------|
| Upload self attested letter with the list of students sanctioned scholarship | View File |
| Upload any additional information | No File Uploaded |
| Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template) | View File |

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

264

| File Description | Documents |
|--|---------------------------|
| Upload any additional information | View File |
| Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template) | View File |

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

| File Description | Documents |
|---|---------------------------|
| Link to Institutional website | Nil |
| Any additional information | View File |
| Details of capability building and skills enhancement initiatives (Data Template) | View File |

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

242

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

935

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

| File Description | Documents |
|--|---------------------------|
| Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee | View File |
| Upload any additional information | No File Uploaded |
| Details of student grievances including sexual harassment and ragging cases | View File |

5.2 - Student Progression**5.2.1 - Number of placement of outgoing students during the year****5.2.1.1 - Number of outgoing students placed during the year**

| 160 | |
|--|---------------------------|
| File Description | Documents |
| Self-attested list of students placed | View File |
| Upload any additional information | No File Uploaded |
| Details of student placement during the year (Data Template) | View File |
| 5.2.2 - Number of students progressing to higher education during the year | |
| 5.2.2.1 - Number of outgoing student progression to higher education | |
| 24 | |
| File Description | Documents |
| Upload supporting data for student/alumni | View File |
| Any additional information | No File Uploaded |
| Details of student progression to higher education | View File |
| 5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations) | |
| 5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year | |
| 0 | |
| File Description | Documents |
| Upload supporting data for the same | No File Uploaded |
| Any additional information | No File Uploaded |
| Number of students qualifying in state/ national/ international level examinations during the year (Data Template) | View File |

5.3 - Student Participation and Activities

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

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

9

| File Description | Documents |
|--|---------------------------|
| e-copies of award letters and certificates | View File |
| Any additional information | No File Uploaded |
| Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template) | View File |

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

1. Selvam College of Technology (SCT) has an effective Student Academic Council with academically strong students as its members. It operates with a sense of responsibility in dealing with the student concerned activities.
2. The student council consists of students from all departments to get unbiased opinions and suggestions in various decision-making and to formulate strategies for the overall curricular, co-curricular, and extra-curricular development of students.
3. The Student Academic Council gets feedback on the teaching-learning process from the departments to improve quality.
4. The hostel Student Welfare Committee looks after the feedback on the Hostel and Amenities. The quality and hygiene of the hostel are monitored by student representatives along with the other nominated faculty members.
5. Student clubs like Hobbies club, Hackathon, and Product

Development cell are actively encouraged in SCT for the welfare of students.

6. In addition to that, the students are involved in organizing Seminars, Workshops, symposiums, Technical fest, Cultural fest, and Annual sports fests.
7. The Alumni Association is in place to strengthen the relationships among alumni.
8. The Association plays a vital role in various institute-level committees including the Women Development Cell, Anti-ragging Committee, Grievance Redressal, and IQAC committee.

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

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

13

| File Description | Documents |
|---|---------------------------|
| Report of the event | View File |
| Upload any additional information | No File Uploaded |
| Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template) | View File |

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

1. The Selvam College of Technology has a registered Alumni Association. The Alumni Association is enrolled in the Namakkal registration office under the Tamilnadu society's Registration

Act, 1075 and the registration number is SL.NO:25/2015.

2. The college website <http://selvamtech.edu.in/alumni> holds the alumni association details.

3. The outgoing students register their membership in the alumni association.

4. SCT conducts alumni meetings every year. Our prominent alumni are working in various fields. Hundreds of alumni members of Selvam College of Technology have been serving worldwide, and occupy eminent posts and positions both in the government and private sectors.

5. The notable alumni share their professional experiences with students and motivate them through various activities like delivering guest lectures, and workshops on career prospects and the current scenario of the industry.

6. The alumni are regularly involved in conducting pre-placement sessions for undergraduate and postgraduate students. This helps the students to be updated with current industrial requirements and boosts their confidence to mold themselves toward their future.

7. The alumni used to have a network with the juniors with the help of social media like Twitter, WhatsApp, Telegram, Facebook, and Corporate mail.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs) E. <1Lakhs

| 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 and in tune with the vision and mission of the institution

Selvam College of Technology, Namakkal, was started in Namakkal town to prepare educators with glorious knowledge in the field of science and technology along with morality, self-confidence, and innovative thoughts.

Nature of Governance: The governance of the institution is effected through the Governing Body of the College. It acts as the apex body, which comprises the Chairman, Secretary, Principal, and nominees from AICTE, DOTE, and external experts. All the academic affairs are monitored through the apex body of the College and Finance Committee. Administrative sections include the Principal, IQAC team, Administrative Manager, Heads of the Departments, Faculty members, Various Committee in-charges, and Office Superintendent.

Vision: To be a world-class institute in technical education through innovations and research in various fields of engineering and technology by creating highly competent technocrats with moral qualities.

Mission:

SCT will endeavor to:

- Be a focal point in engineering education for emerging technologies in accordance with societal contexts.
- Be an engineering institute fostering research and development, evolving innovative applications of technology, and encouraging entrepreneurship of students with moral qualities.
- Empower the students from various socio-economic strata.

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

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Professional Management approach is used to manage the

Institution. When it comes to academic and administrative issues, the Professional Management program aims to put the concept of innovation into practice. Decentralization and participatory management are constantly championed by the institution. Management, Governing Council, Principal, Administrative Manager, IQAC Team, Heads of the Department, Faculty Members, NAAC Committee, Various Other Committees, Administrative and Non-teaching Staff, and all other stakeholders interested in decentralization and participative management contribute to improving the quality.

1. Management: The Institution emphasizes a decentralized and participatory management that includes all types of stakeholders during the decision-making process.

2. Principal: The Governing Body delegated all academic and operational decisions based on policy to the Internal Quality Assurance Cell (IQAC), which is chaired by the Principal, in order to realize the institute's vision and goal.

3. Administration: The Institution's backbone is administration. The college administration plays a critical role in the establishment and execution of policies, programmes, and projects that are aligned with the college's vision and mission.

4. Departments: In order to demonstrate their competence, faculty members serve on various committees/cells and are given opportunities to lead various initiatives.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Perspective/Strategic plan focuses on current trends and disrupting forces in higher and technical education strata which when adopted can show better performance. It makes an assessment of stakeholder's expectations, students, faculty members, and employers.

| 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 institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The Management, Governing Body, Principal, Administrative Manager, IQAC has framed the College Organizational Structure.

The College Management is the highest decision-making body and it is in continual contact with the Principal and Administrative Manager on all topics relevant to the institution's smooth operation.

Governing Council members meet once a year to review financial, infrastructural, faculty recruiting, and other topics concerning the College's overall development.

Academics, Workload, Timetable, Admissions, Discipline and Codes of behavior, Curricular and Extracurricular parts of the college are all handled by Head of the Institution.

The College also maintains an Internal Quality Assurance Cell (IQAC) that aims to achieve quality, improvement, and maintenance of goals. The IQAC is responsible for keeping track of the institution's internal quality.

College Committees: Various committees have been formed to plan, prepare, and execute academic, administrative, and extracurricular activities. The Convenor and members of each committee make up the committee.

| File Description | Documents |
|---|---|
| Paste link for additional information | Nil |
| Link to Organogram of the institution webpage | https://selvamtech.edu.in/about/organogram/ |
| Upload any additional information | View File |

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

A. All of the above

| File Description | Documents |
|--|---------------------------|
| ERP (Enterprise Resource Planning) Document | View File |
| Screen shots of user inter faces | No File Uploaded |
| Any additional information | No File Uploaded |
| Details of implementation of e-governance in areas of operation, Administration etc(Data Template) | View File |

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Teaching Faculty

1. Group Insurance
2. Casual Leave
3. Maternity Leave
4. Faculty Financial Support for attending Conference/Workshop
5. Incentives/Increments/Awards for the Academic Performance.
6. Free Food and Accommodation for the staff staying in the hostel

- 7. Free Wi-Fi Facilities
- 8. Free Transportation
- 9. Subsidized Food for Faculties
- 10. On Duty for Co-curricular activities.
- 11. Special study leave for Higher education
- 12. Salary Advance
- 13. Vacation leave.
- 14. Increment for Ph.D completion.
- 15. Medical Camps.

Non-Teaching Faculty

- 1. Group Insurance
- 2. Casual Leave
- 3. Maternity Leave
- 4. Free Food and hostel Accommodation for the staff staying in hostel
- 5. Free Wi-Fi Facilities
- 6. Free Transportation
- 7. Subsidized Food
- 8. Medical Camps.

CLIP- Computer Literacy Information Programme lab for the benefit of staff.

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

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

50

| 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 programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

16

| File Description | Documents |
|--|---------------------------|
| Reports of the Human Resource Development Centres (UGCASC or other relevant centres). | View File |
| Reports of Academic Staff College or similar centers | No File Uploaded |
| Upload any additional information | No File Uploaded |
| Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template) | View File |

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

67

| File Description | Documents |
|---|---------------------------|
| IQAC report summary | View File |
| Reports of the Human Resource Development Centres (UGCASC or other relevant centers) | No File Uploaded |
| Upload any additional information | No File Uploaded |
| Details of teachers attending professional development programmes during the year (Data Template) | View File |

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Selvam College of Technology has a Self-Appraisal Policy for Teaching Staff: The SCT has developed the following objective assessment system for improvement. The three-level evaluations involve:

This performance appraisal system will be followed from the academic year 2017-2018.

The intention of a performance appraisal policy is to ensure that the workplace is focused on results. It helps the employees to achieve their goals and acts as a reward for their contributions to the organization's success. Selvam College of Technology strives to improve the academic training and research environment on a regular basis.

This is achieved not only through better infrastructure but also through the implementation of effective teaching and learning methodologies. To determine the effectiveness of the inputs provided by the SCT, it is essential to determine whether the users of such facilities are satisfied and receive the intended results from the initiatives undertaken.

Selvam College of Technology has a Self-Appraisal Policy for Teaching Staff:

The SCT has developed the following objective assessment system for improvement. The three-level evaluations involve:

- Result Percentage -(50)
- Contribution to Institutional Growth- (10)
- Contribution to student development - (15)
- Contribution to R &D - (25)

The teaching staff has gained knowledge and experience with the result of the following assessment policy.

- Teaching style and abilities with the feedback from the students.
- Improvements in teaching resources and methodologies are possible.
- The results of the research and the work's relevance to current advances in the respective areas.

| File Description | Documents |
|---------------------------------------|------------------|
| Paste link for additional information | Nil |
| 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 Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Institution conducts internal and external financial audits on a regular basis. Mechanism for Internal Audit and External Audit is as follows.

Internal Audit:

Copy of Budget proposals, invoice and vouchers, and supporting documents of every purchase /event is maintained in the respective Departments and the original documents are sent to the accounts Department of the Institution. The accountant of the institution verifies every document, observations if any, is brought to the notice of HODs for immediate rectification. The details of all the expenditures / transactions of the entire financial year is consolidated and maintained at the accounts office and submitted for external audit at the end of the financial year. Appointed Chartered Accountant's team

members visit the institution quarterly and verifies all the bills, vouchers, etc.,

External Audit: The external audit takes place annually after the completion of every financial year. The Chartered Accountant, who works as an auditor, is appointed by the Management. The bills and vouchers of the revenue expenditure are checked. The vouchers, records and capital expenditure of the concerned Departments are checked and verified.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

| File Description | Documents |
|---|---------------------------|
| Annual statements of accounts | No File Uploaded |
| Any additional information | No File Uploaded |
| Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template) | View File |

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The college mobilizes funds for its regular activities and development from different agencies and individuals. The mobilized fund is optimally used by the college.

Major sources of institutional receipts/funding

- Fees from students for regular and add-on courses.
- Mobilised from various government and non-government sources for the purpose of research projects.

- Various government and autonomous bodies are approached for sponsorships to organize National, International conferences and workshops.

Convenors of various committees and Faculty Members are invited to indicate their requirements at the start of the session to ensure effective and optimal use of available resources. This is to ensure that laboratories, libraries, computing facilities, classrooms, and equipment facilities are maintained and upgraded on a regular basis. Budget is produced and submitted to the Competent Authority for approval based on the requirements submitted by Committee Convenors and Faculty Members. The accounting section and the Principal will process all financial records and bills. Throughout the process, transparency is maintained, and allocated funds are used to their full potential.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The IQAC is responsible for maintaining the quality of the college administrative and academic operations. The teaching faculty is encouraged and motivated to build a scientific temper in order to disseminate a research culture among the students and to make them aware of present and future challenges and opportunities. This is accomplished by sharing new research findings in their respective domains with the students on a regular basis.

Strategies: IQAC shall evolve mechanisms and procedures for:

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
- The relevance and quality of academic and research programmes.
- Equitable access to and affordability of academic programmes for various sections of society. Optimization and integration of modern methods of teaching and

learning.

- The credibility of evaluation procedures.
- Ensuring the adequacy, maintenance and functioning of the support structure and services.
- Research sharing and networking with other institutions in India and abroad.

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

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Two institutional reviews and implementation of teaching learning reforms facilitated by the IQAC are:

1. Academic Review
2. Teaching and Learning reforms

Academic Review:

Every semester, the Academic and Administrative Audit (AAA) is the major teaching-learning review. The AAA assesses how well teaching practises, curricular, and co-curricular activities meet institutional planning, execution, and record-keeping standards. There is uniformity in the conceptualisation of the structure and methods of academic and extracurricular routine in every academic session since the introduction of the AAA.

Student interaction in class, engagement in extracurricular activities, and performance on internal assessments and end-of semester exams are all evaluated in the review of learning outcomes. At the audit meeting, each department delivers a report on student academic performance.

Teaching and Learning reforms: The IQAC at Selvam College encourages and ensures continual reforms in teaching-learning methodologies. It lays impetus on the adoption of ICT in teaching practices.

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

| File Description | Documents |
|--|---------------------------|
| Paste web link of Annual reports of Institution | Nil |
| Upload e-copies of the accreditations and certifications | View File |
| Upload any additional information | View File |
| Upload details of Quality assurance initiatives of the institution (Data Template) | 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

Specific facilities provided for women in terms of: 1.Safety and security 2.Counseling 3.Common Rooms 1.Safety and security Safety and security for all students, teachers, non-teaching staff and the visitors is the first priority. To ensure a safe campus and a secured environment the college has embarked uponthe following initiatives: A senior and experienced security guard will monitor the environment. The entire campus is under CCTV surveillance. Medical Unit with free medical check-up for the students by eminent Doctors. Separate

washrooms for the male and female teaching and non-teaching Staffs. 1. Counseling The College is willing to nurture a healthy environment, both physical health and mental health. A separate Carrier Counseling Cell has started. The counseling cell makes an effort to create awareness regarding their, psychological and physical conditions. 2. Common Rooms The College has a girl's common room. There are separate toilets for gents, teaching staff and students. Specific cleaning schedule is given to the house keeping people and followed meticulously. The girl's hostel is managed by the hostel committee, constituted by the staff council of the college and executed by the warden in consultation with principal of the college

| File Description | Documents |
|--|-----------|
| Annual gender sensitization action plan | Nil |
| Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information | Nil |

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

A. 4 or All of the above

| File Description | Documents |
|--------------------------------|---------------------------|
| Geo tagged 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 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Methods for Waste Management Selvam College of Technology predominantly focuses on reducing wastages which are hazardous to the environment. The following waste management systems

concentrate on recycling and reducing the wastages. Solid waste management Good-conditioned Bio degradable and Non-Bio degradable dust bins are placed in and around the college campus to collect and dispose of the wastages. Food wastages from hostels and canteen are collected in a proper container and giving it to farms and poultry besides using it to produce biogas. Liquid waste management The campus has a well-constructed drainage system to collect and discrete various liquid wastes. The chemical liquid waste from science laboratories passes through a concealed pipe line to drainage and other liquid wastes will be recycled properly and utilized for the gardening and other purposes like used to produce biogas. Biomedical waste management These biological wastes must be adequately handled to treat or eliminate the waste hazards are treated by autoclaving, and hot air oven treatment is followed in our campus to achieve this goal. E-Waste Management Since E-waste is a rising problem, the campus strongly follows the policy of reusing the electronic items as much as possible. There is no major disposal of electronic waste.

| File Description | Documents |
|---|---------------------------|
| Relevant documents like agreements / MoUs with Government and other approved agencies | View File |
| Geo tagged photographs of the facilities | 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 |
|---|---------------------------|
| Geo tagged photographs / videos of the facilities | View File |
| Any other relevant information | View File |

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for

A. Any 4 or All of the above

| | |
|--|--|
| <p>greening the campus are as follows:</p> <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping | |
|--|--|

| File Description | Documents |
|--|---------------------------|
| Geo tagged 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 are regularly undertaken by the institution

| | |
|---|--|
| <p>7.1.6.1 - The institutional environment and energy initiatives 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</p> | <p>A. Any 4 or all of the above</p> |
|---|--|

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

| | |
|---|--|
| <p>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path,</p> | <p>A. Any 4 or all of the above</p> |
|---|--|

**lights, display boards and signposts
Assistive technology and facilities for
persons with disabilities (Divyangjan)
accessible website, screen-reading software,
mechanized equipment 5. Provision for
enquiry and information : Human
assistance, reader, scribe, soft copies of
reading material, screen reading**

| File Description | Documents |
|--|---------------------------|
| Geo tagged photographs / videos of the facilities | View File |
| Policy documents and information brochures on the support to be provided | View File |
| Details of the Software procured for providing the assistance | View File |
| 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 socioeconomic and other diversities (within 200 words).

We trust in unity in diversity that's why our students respect different religions, languages, and cultures. We feel the college is our second home and all faculty members are like family members. We greet and wish each other at different festivals and invite them to have a feast to get introduced to one's culture to have amicable relations and to maintain religious, and communal harmony. The diversity in India is unique. On account of that, SCT encourages students to participate in various programs. Through these programs, students get acquainted with the different cultures of our nation and help to develop tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities. This also creates an inclusive environment in the college and society. Programs like Women's Day, Yoga Day, Pongal Celebration, Ayudha Pooja Celebration, Holi, Deepavali, Ramzan, and Christmas are celebrated in our college. This provides an inclusive environment to interact and perceive different cultures and different religious festivals. Institution strictly follows ethical rules for students and separate ethical rules for teaching and non-teaching staff to treat other people irrespective of their background, culture,

religion, and linguistics.

| File Description | Documents |
|--|---------------------------|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | View File |
| Any other relevant information | View File |

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

Selvam College of Technology (SCT) paves a path for students and staff members to perceive the constitutional responsibilities of every citizen such as Values, Rights, and Duties by organizing various programs and events. On 26th November of every year, Constitutional Day is celebrated in SCT by organizing a program and inviting chief guests from various departments who all are working in the government sector. Our university has a mandatory paper on Professional Ethics, and Environment Science Engineering at the degree level for all engineering disciplines to perceive the importance of constitutional duties. To elevate the scenario, SCT actively engages NSS and the literacy club to liberate the students and the common people about Democracy and constitutional rights. SCT celebrates Republic Day every year fulsomely by engaging in competitions and various activities. Besides, Independence Day also has been celebrated every year to pay respect to all the martyrs, and politicians who have sacrificed their lives for freedom.

| File Description | Documents |
|--|-----------|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | Nil |
| Any other relevant information | Nil |

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed

A. All of the above

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

4. Annual awareness programmes on Code of Conduct are organized

| File Description | Documents |
|--|---------------------------|
| Code of ethics policy document | View File |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs 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

Selvam College of Technology (SCT) celebrates Independence Day on 15th August every year in a grand manner to pay tribute to our martyrs and freedom fighters. The grand day starts by God of Honor to the chief guest followed by flag hoisting and march-past. Every year SCT celebrates Republic Day on 26th January respectfully to perceive the importance of the constitution. The day starts by God of Honor to the chief guest followed by flag hoisting and march-past. The chief guest gives a keynote address to the students and staff members. On 5th September, SCT celebrates Dr. Radhakrishnan's birthday as Teacher's Day. The students of SCT conduct programs and events for all staff members to pay their respect and tribute to the profession of teaching. Every year on 15th September, SCT celebrates Engineers Day to pay remembrance of M Visvesvaraya for his various contributions to the field of engineering and being a pioneer of education. On that day, SCT conducts various programs and motivates students. Yoga Day is celebrated on the 21st of June in SCT. During the 15 days of the induction program, the college offers yoga classes to students and encourages them to learn yoga to lead a good healthy life.

| File Description | Documents |
|---|---------------------------|
| Annual report of the celebrations and commemorative events for the last (During the year) | View File |
| Geo tagged photographs of some of the events | View File |
| Any other relevant information | No File Uploaded |

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1 1. Title of the Practice Web Enabled Learning Resources through Google Classroom Best Practice 2 1. Title of the Practice News in Education (NIE)

| File Description | Documents |
|---|-----------|
| Best practices in the Institutional website | Nil |
| Any other relevant information | Nil |

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Establishment of Continuous Ambient Air Quality Monitoring Station (CAAQMS): Tamil Nadu Pollution Control Board (TNPCB) is interested in establishing Continuous Ambient Air Quality Monitoring Stations (CAAQM) in Tamilnadu with the participation of the Educational Institutions at 25 locations. It is identified jointly by the TNPCB and Educational Institutions. On account of that, TNPCB has given authorization to Selvam College of Technology (SCT) in Namakkal district for the establishment of CAAQM. In this regard, MoU was signed on the 21st of January 2016 in the presence of the District Environmental Engineer, Mr. P. Manimaran for a maximum period of 5 years which will be renewed by another 5 years or more as per the PWD rates at the option of TNPCB. The instrument has been installed near the main entrance of SCT to monitor air quality in and around the college campus. The station measures the air quality of a radius of 5 km distance and evaluates a

total of 16 parameters. The data from the station will help government agencies inform the public regarding the current level of air pollution, formulate strategies, etc., SCT provides a telephone connection and a high-speed internet connection to the instrument for the transmission of data from this station to TNPCB, Chennai.

| File Description | Documents |
|--|---------------------------|
| Appropriate web in the Institutional website | View File |
| Any other relevant information | View File |

7.3.2 - Plan of action for the next academic year

Academic: Modernization of more classrooms to e-classrooms using ICT tools. To increase the pass percentage of students. To upgrade the Library infrastructure. **Co-curricular activities:** To conduct the skill development courses for getting placements in the Software and core domain. To motivate the students to participate in the NPTEL courses. **Research:** To create Campus startups. To submit proposals to funding agencies for research and modernization of Laboratories. Publication of more research articles in UGC-approved Scopus and SCI Journals. Through the SelvamHackathon Cell, to motivate the students for innovation and product development. **Sports:** By providing very high-level sports facilities to create national level and international level sports participants. **Industry Institute Interaction:** To sign MOU with industries to get Industry Sponsored Projects and internships, Training students. We are improving their communication skills by training them for perfection in LSWR. To conduct more awareness programs on Entrepreneurship for Students. To improve placement ratio with the help of Alumni. We bring industry people to our institution and make them interact with the students to create awareness about the expectations of the current industry. **Accreditation:** To get a higher grade in the second cycle of NAAC accreditation in the year 2022.