YEARLY STATUS REPORT - 2021-2022

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	iqaccoordinator@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	iqaccoordinator@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-web/iqac/

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
0	0	0	0	0

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

10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

1. For the better enhancement of quality policy improvements of teaching and non-teaching,the following events were conducted: • Event organized on " National Education Policy 2020"for 65 beneficiaries. • IoT based One week workshop was conducted for 20 beneficiaries. •Workshops titled as "NAAC and Soft computing" was conducted for 78 beneficiaries. • 3 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. • Two Alumni talk series were conducted through virtual mode for the benefit of students. 3. As per the New norms of UGC composition, IQAC committee were re-framed (Ex. Centralized Exam Cell, Internal/External) 4. The placement percentage were improved in 2021-2022 after conducting the Employability Skill and Training programme 5. MoU with 6 companies were signed in the academic year 2020-2021 for the benefits of students to acquire knowledge in the platform of placement training, Value added course, Internship 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
Participation in the programmes organized by other Institutions. MoU with 5 companies proposed to sign with the institution in the academic year 2021-2022. Each department should organize online activities / workshops / FDP in academic year2020-2021. The average pass % of passed out students should be more than 90%. Our institution collected a stakeholders feedback regarding Employability	Many faculty members attended FDP, Workshops, Training Programs etc in reputed organizations. MoU with 6 companies were signed in the academic year2021-22.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 2021-2022 was 91% and 94%. The placement percentage which was improved in 2020-2021 after conducting Employability Skill and Training Programme

13.Whether the AQAR was placed before statutory body?	Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Counsil	09/08/2021

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021-2022	14/02/2023

15.Multidisciplinary / interdisciplinary

The Vision of 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 were initiated on the key principles of NEP such as diversity for all curriculum and pedagogy with technological innovations in teaching and learning, encouraging logical decision making and innovation, critical thinking and creativity. Academic programmes are redesigned to include Multidisciplinary /Interdisciplinary courses as electives. All programmes 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 implementation of the suggestions given in the NEP.

16.Academic bank of credits (ABC):

The institution preparedness in implementation of 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. In order 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 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)

In order 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 university and sign MOU for exchange of credits between foreign university 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. Variety of approaches in teaching Learning process like lectures, seminars, tutorials/workshop/practical and project based learning field work, technology enabled learning internship 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 concerned university follows the guidelines as and when directed.

20.Distance education/online education:

This institution is already prepared, especially during COVID-19 pandemic situations and teaching learning process through different online modes likewise Google Meet app, Whatsapp etc., and the whole college campus is wifi enabled campus and hence no hindrance /obstacle in online education. Even slight relaxation in 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 type of e-content material prepared by faculty members to all students through online mode to meet the future challenges.

Extended Profile	
1.Programme	

1.1 Number of courses offered by the institution across all programs during the year	208

File Description	Documents
Data Template	View File

2.Student	

2.1 Number of students during the year	1232

File Description	Documents
Institutional Data in Prescribed Format	View File

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

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	463

File Description	Documents
Data Template	View File

3.Academic	

3.1 Number of full time teachers during the year	145

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	128

File Description	Documents
Data Template	View File

4.Institution	

4.1 Total number of Classrooms and Seminar halls	72

4.2	417.02

Total expenditure excluding salary during the year (INR in lakhs)	
4.3 Total number of computers on campus for academic purposes	725

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 to assess the level of understanding of the students on the topics covered. The schedule of assignments are planned well in advance and communicated by the concerned faculty member to the students.

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

11

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)

6

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

157

File Description	Documents
Any additional information	**No File Uploaded**
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.

Women's Day is celebrated every year with enlightening activities in which well performed girl

students in various activities inside and outside the college are awarded by an eminent personality as chief guest.

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.

Student volunteers of the NSS extend their service in organizing blood donation camps regularly.

File Description	Documents
Any additional information	**View File**
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

106

File Description	Documents
Any additional information	**No File Uploaded**
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

557

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	A. All of the above

Alumni

File Description	Documents
URL for stakeholder feedback report	https://selvamtech.edu.in/naac-web/stake-holders-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	B. Feedback collected, analyzed and action has been taken

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

369

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

369

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. Students from different demographic place with different academic profile join the institution. 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 orientation for first year students to introduce the college atmosphere, infrastructure, and academic regulations. They are provided with Induction programto develop their fundamental knowledge,communicational skills, technical exposure, and learning skills.The performance of the students is evaluated periodically through Internal Assessment Tests, Assignments, co-curricular activities and end semester examination.

Programmes for Advanced learners

To enrich the advanced learner's knowledge, they are encouraged to do online courses in NPTEL Swayam, Coursera and MOOC Coursesand Value added courses.They weremotivated 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.

Programmes for Slow Learners

Slow Learners are identified and assisted them 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
1232	145

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

Teaching Methodology

The institution practices a teaching methodology which focuses on imparting multifaceted education. The Institution adopts student centric learning methodology. It provides a blended learning environment which includes conventional teaching methodologies and ICT enabled teaching methods.

Experimental Learning

The students were involved in Experimental learning through Practical classes, Industrial visits, Inplant trainings, Internships, Academic projects and Mini projects. Students experience the theory concepts taught in the classrooms in laboratories. For first year students, Induction Program is organized to nurture them with fundamental skills.

Participative Learning

The students are encouraged to learn through participation in group discussions, paper presentations, various club activities, quiz activities and enacting role plays for a better understanding of concepts/ technologies. Guest lectures, Webinars,Value added courses with the help of industrial experts and Online courses were promoted to enhance their knowledge in current field.

Problem based learning

The institution motivates the students to do projects and to take part inHackathon programs . The problem solving skills were enhanced to the students through Case study method and tutorial subjects. The internal assessment question papers are designed based on Blooms Taxonomy where the questions are based on analysis, reasoning and scenario-based case studies.

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 Anna University curriculum . It provides a blended learning environment which includes traditional classroom education and ICT enabled teaching.

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 well-equipped digital classroom with LCD projectors. The institution has Digital Library facility and motives 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 well-furnished language lab and various licensed software for language learning. The instituton helps students to enhance the 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

100

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

145

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

18

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

634.64

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 the student performance. Continuous evaluation process is made through internal assessment tests, assignments, cycle tests, mini projects, academic projects and seminar presentations. Base on the university Academic Schedule, the Internal Examination Cell prepares the Internal Assessment Schedule and timetable. It is circulated to all the classesand displayed in the department notice boardwell in advance. The Examination pattern iscommunicated to the students.

The institution schedules to conduct 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 importance of attendance and performance in the internal examinations are discussed during the class committee meetings and prior to the commencement of the exam. The question paper is prepared based on Blooms Taxonomy and which meets the Course Outcomes. After evaluation, the performance of the students are communicated to them and intimated to the parents if needed. The slow learners are given personal guidance by the concerned faculty and mentors. The grievances of the students in the internal assessments 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

Since the institution is affiliated to Anna University, Chennai, it follows the instructions laid down by it to conduct internal assessment tests and end semester examinations. The internal exam cell prepares academic calendarwith internal assessment schedule and syllabus coverage before the commencement of every semester and get published. The prior information about timetable and hall arrangement details aregiven tostudents.

The institution follows a proper guideline for handling Examination related grievances for both Internal and External exam and issues are resolved with high priority. In the Internal Examinations, if any student finds discrepancy/ grievances, it is reported to internal exam coordinator for immediate action and rectified it. After evaluation, the answer scripts are issued to the students and they are permitted to self-evaluate their answers and encouraged to seek any clarifications from the teacher. The Internal Assessment marks are transparent to students and posted in the University Portal.

The University Examination Cell follows the University instruction and conduct the end semester examinations.This cell collects all the grievancesand get recified with the university. Students can apply for answer script photocopy and revaluation.The students can obtain re-evaluated marks after revaluation results published by university.

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 institution follows 12 Programme Outcomes, 2-4 Program Specific Outcomesand 5 – 6 Course Outcomes for each programme.

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/peos-pos-psos/
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

91.73

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/iqac/aqar2022/C2/2.7.1/SSRQuestoinnaire

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

0

File Description	Documents
Any additional information	**No File Uploaded**
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

1

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	**Nil**

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

5

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	No File Uploaded

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

4

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

1

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 institution believes in the holistic development of students and sincerely works to cultivate their academic, social, moral and cultural development. During the COVID-19 pandemic situation, students acted as the volunteers in the Institution's initiative to distribute masks to the poor people in the neighborhood villages and conducting Vaccination camps. NSS Unit organized an awareness campaign on drug abuse, Cancer awareness, Helmet awareness, Swachh Bharat event like temple cleaning services, etc., WOMEN EMPOWERMENT CELL (WEC) aims to empowering girl 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 Gender Sensitization program. The World Cancer Awareness Day program was conducted to raise awareness among students. "National Girl child Day" was celebrated for the purpose of the day is to raise awareness of the injustices that girls experience in Indian society. All these mentioned activities have positive impact on the students and it developed student community relationship, leadership skill and self confidence of students. It also helped in cultivating hidden personality of students and created awareness among students.

File Description	Documents
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

0

File Description	Documents
Any additional information	No File Uploaded
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	No File Uploaded
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

455

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

145

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 6 Undergraduate Departments such as Civil, CSE, ECE, EEE, Mechanical, Biotechnology and 5 Post Graduate Courses such as Computer Science and Engineering, Applied Electronics, Industrial Safety Engg, Engg Design and MBA. "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 is granted with Zone VIII approved Nodal Centre. The College 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.

26

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)

16.79

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)

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, Nonbooks, 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, Acc.No etc available in the library. User can reserve the books and or cancel the reserved the books. He can check out his dues and over dues in the library. Provision for downloading the digital clips and taking printouts of some contents 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)

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

241

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 100Mbps.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)

127.69

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

1119

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

776

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	B. 3 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

370

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

370

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

5.1.5 - The Institution 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	B. Any 3 of the above

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

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

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

14

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

15

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	View File
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.

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	View File
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 opinion and suggestion in various decision making and to formulate strategies for overall curricular, cocurricular 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. Hostel Student Welfare committee looks after the feedback on 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, Symposium, Technical fest, Cultural fest and Annual sports fest.
7. Alumni Association is in place to strengthen the relationship amongst alumni.
8. The Association plays a vital role in various institute level committees including Women Development cell, Anti-ragging committee, Grievance Redressal, and IQAC committee.

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

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

2

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	View File
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

The Selvam College of Technology has registered Alumni Association. The Alumni Association is enrolled in Namakkal registration office under the Tamilnadu society's registration Act, 1075 and 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 conduct alumni meeting every year. Our prominent alumni are working in various fields. Hundreds of alumni members of Selvam College of Technology has been serving worldwide, and occupy eminent posts and positions both in government and private sectors.

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

6. The alumni are regularly involved in conducting pre-placement sessions for under graduate and post graduate students. This helps the students to be updated with current industrial requirement and boost their confidence to mould themselves towards their future.

7. The alumni used to have a network with the juniors with the help of social media.

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) | D. 1 Lakhs - 3Lakhs

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 with the aim of preparing educators with glorious knowledge in the field of science and technology along with morality, self-confidence and innovative thoughts.

Nature of Governance:

I

Integrity, excellence, accountability, transparency, and empathy are the guiding principles of the institute.

The governance of the institution is effect through the Governing Body of the College. It act as the apex body, which comprises 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 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 endeavour 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, 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 programme aims to put the concept of innovation into practise. 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 Nonteaching Staff and all other stakeholders interested in decentralisation and participative management contribute to improving the quality.

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

2. Principal: The Principal ensures that all AICTE and Anna University rules and regulations are followed. The Principal offers academic leadership, collaborates with HoDs, and develops academic growth initiatives. He assesses the institution's development in all areas in order to maintain and improve its quality. The Principal is critical in bridging the gap between management, members of the Governing Council, and other stakeholders.

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

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

For a period of five years, the institution has a perspective plan based on the college's Vision and Mission. A perspective plan is critical for every organization's long-term success. Selvam College of Technology is committed to offering a superior learning environment, as well as a lavish green and environmentally sustainable campus. The firm is dedicated to providing excellent facilities as well as highly skilled and experienced faculty. The institution's management strives to provide students with an all-around highquality education. Placement training programmes help students improve their abilities in order to fulfil industry needs. Students are counselled on both academic and non-academic concerns through a regular monitoring mechanism. The administration invites notable people from industry and academia for a brainstorming session at regular intervals in order to fulfil the Institution's long-term aims. Long-term Objectives: To encourage faculty to pursue Ph.D. research through the establishment of research centres in all departments.

To achieve 100% placement.

Obtaining A Grade in NAAC Accreditation.

All departments will be accredited by the NBA.

IQAC creates a Target Action Plan at the start of each semester, taking into account the University Academic Calendar and the Institutional Academic Calendar, and obtains the Principal's approval. The goal of the strategy is to develop with excellence by making the best use of available resources. As Chairman of IQAC, the Principal takes all required efforts to implement the authorised Target action plan.

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 institutions smooth operation. Governing Council members meet once in a year to review financial, infrastructural, faculty recruiting, and other topics concerning the College overall development. Academics, Workload, Timetable, Admissions, Discipline and Codes of behaviour, 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 institutions 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	**Nil**
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	**View File**
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

To increase the institute's reputation among its employees, the institution has implemented effective welfare measures for both teaching and non-teaching staff. Welfare measures comprise a variety of facilities, services, and amenities aimed at enhancing their academic and professional success, as well as their health, efficiency, economic well-being, and social standing. Our institution's welfare measures are as follows: Teaching staff: Free Transportation Group Insurance Maternity leave Casual Leave Provident fund and ESI for Teaching faculty Providing awards and incentive for academic performance (100 % results) On Duty for attending conference, workshops, FDP etc., Providing free Wi-Fi facility ATM Post office Subsidized food for faculty. Non-Teaching staff: Free Transportation. Group Insurance. Provident fund and ESI for non-teaching faculty. Providing free Wi-Fi facility. ATM. Post office. Subsidized food for 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

12

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

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	**View File**
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

23

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	**View File**
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

The policy document prepared with the help of HODs from all departments and the same has been approved by the Principal and Management. It is discussed with both teaching and non-teaching staff in the department meeting. In order to design the performance policy the contributions and suggestions are considered. On 12.12.2016 the policy document was approved in the meeting of HODs, Principal and Management. 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 organizations 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, iis essential to determine whether the users of such facilities are satisfied and receiving the intended results from the initiatives undertaken.

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

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

Process of the internal audit:

All vouchers are audited by an internal financial committee on half yearly basis. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the principal. The same process is being followed for the last five years.

Process of the external audit:

The accounts of the college are audited by chartered accountant regularly as per the government rules. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. Any queries, in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits. The institution did not come across with any major audit objection during the preceding years. All these mechanisms exhibit the transparency being maintained in financial matters and adherence to financial discipline to avoid defalcation of funds or properties of the institution at all levels. The audited statement is duly signed by the authorities of the management and chartered accountant.

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)

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 has a well-defined organization set up, headed by the Principal who has financial and administrative powers. Before the commencement of the financial year, HODs of respective department submit proposals regarding expenditure corresponding to the projected income for an academic year which is scrutinized by the Principal and thereafter a consolidated budget is placed before the Management for approval. Principal apprises the departments of the allocation, that re-appropriation of budget outlays are avoided or kept to the minimum.

Departments avail the financial resources within the given limit. The institution maintains a reserve corpus fund which is used as matching grants for developmental purposes. The funds are utilized for approved academic expenses and administrative expenses as per the norms. Major proportion of funds is allocated for remuneration to the teaching professionals and administrative staff members

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

An IQAC committee, which is constituted and approved by the governing body, oversees quality assurance procedures and processes. In order to fulfil the goals of quality improvement projects, IQAC focuses on internalisation and institutionalisation. The IQAC determined to review all quality efforts during its first meeting. The IQAC's primary focus is on

1. To carry out the mission and vision of the institution. Determining the Goals.
2. Quality policies should be institutionalised.
3. The techniques are constantly improved after a thorough analysis of the achievement.
4. Creating new goals and keeping track of every progress.

Quality Assurance Strategies

1. IQAC shall evolve mechanisms and procedures for:
2. Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
3. The relevance and quality of academic and research programmes.
4. Equitable access to and affordability of academic programmes for various sections of society. Optimization and integration of modern methods of teaching and learning.
5. The credibility of evaluation procedures.
6. Ensuring the adequacy, maintenance and functioning of the support structure and services.
7. 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

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.

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.

At the start of each semester of the academic year, faculty members are assigned subjects based on their knowledge and willingness, and lecture notes are written well in advance by the concerned faculty member.

The IQAC committee evaluates the course file, which includes the curriculum, lesson plan, lecture notes, previous year university question papers, assignment details, and question bank.

Faculty members in charge of respective laboratories develop lab manuals containing Standard Operating Procedures, which are retained for student reference.

After each evaluation, the committee conducts a concurrent audit, and suggestions are provided to IQAC for optimal quality assurance implementation.

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.

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

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

We trust in unity in diversity that's why our students respect the different religion, language and culture. We feel the college is our second home and all faculties like family members. We greet and wish each other at different festivals and invite them to have a feast to get introduced with one's culture to have amicable relations and to maintain the religious, social 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 culture of our nation and help to develop the tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. This also creates the inclusive environment in the college and society.Programmes like Women's Day, Yoga Day, Pongal Celebration, Ayudha Pooja Celebration, Holi, Deepavali, Ramzan, Christmas are celebrated in our college. This provides an inclusive environment to interact and perceive different culture 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 linguistic.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

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 to students and staff members to perceive the constitutional responsibilities of every citizen such as Values, Rights, and Duties by organizing various programmes and events.

On 26th November of every year, Constitutional day is celebrated in SCT by organizing a programme and inviting chief guests from various departments who all are working in a government sector.

Our university has a mandatory paper on Professional Ethics, Environment Science Engineering at degree level for all engineering disciplines to perceive the importance of constitutional duties.

To elevate the scenario, SCT actively engaging NSS and literacy club to literate the students and the common people about the Democracy and constitutional right.

SCT is celebrating Republic Day every year fulsomely by engaging competition and various activities. Besides, Independence Day also has been celebrating every year to pay respect to all the martyrs, 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   4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	No File Uploaded
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	No File Uploaded
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 in order to pay tribute to our martyrs and freedom fighters. The grand day startsby God of Honor to chief guest followed by flag hoisting and march-past.

Every year SCT celebrates Republic Day on 26th January respectfully in order to perceive the importance of constitution. The day starts by God of Honor to chief guest followed by flag hoisting and march-past. The chief guest gives 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 program and events for all staff members to pay their respect and tribute toward the profession of teaching.

Every year on 15th September, SCT celebrates Engineers Day to pay remembrance of M Visvesvaraya for his various contribution to the field of engineering and being a pioneer of education. On that day, SCT conducts various programs and motivates students.

Yoga Day celebrates on 21st of June in SCT. During 15 days of 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)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
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 Practice1 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	https://selvamtech.edu.in/naac/BestPractices.pdf
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 location. 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 has been signed on 21st of January 2016 in the presence of District Environmental Engineer, Mr. P. Manimaran for the minimum 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 for the purpose of monitoring air quality in and around the college campus. The station measures the air quality of a radius of 5 km distance and evaluate 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 telephone connection and 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 class rooms to e-classrooms using ICT tools. To increase thepass percentage of students. To upgrade the Library infrastructure. Co curricularactivities: To conduct the skill development courses for getting placements in Software andcore domain. To motivate the students to participate in the NPTEL courses. Research: Tocreate Campus startups. To submit proposals to funding agencies for research andModernization of Laboratories. Publication of more research articles in UGC approved, Scopusand SCI Journals. Through the Selvam Hackathon Cell, to motivate the students for Innovationand product development. Sports: By providing very high level sports facilities to createnational level and international level sports participants. Industry Institute Interaction:To sign MOU with industries to get Industry Sponsored Projects and Internship, Training toStudents. We are improving the student's communication skill by training them for perfectionin LSWR. To conduct more awareness programme on Entrepreneurship for Students. To improveplacement ratio with the help of Alumni. We bring industry people to our institution andmake them interact with the students for creating awareness about the expectation of currentindustry. Accreditation: To get the higher grade in the second cycle of NAAC accreditation in the year 2022.