Yearly Status Report - 2018-2019

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 own campus	**Yes**
Phone no/Alternate Phone no.	**09942099122**
Mobile no.	**9942231294**
Registered Email	**principal@selvamtech.edu.in**
Alternate Email	**placement@selvamtech.edu.in**
Address	**Ponnusamy Nagar,Salem Road,(NH-44),Namakkal-637003,Tamilnadu**
City/Town	**Namakkal**
State/UT	**Tamil Nadu**
Pincode	**637003**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr.P.Manimekalai**
Phone no/Alternate Phone no.	**09942099122**
Mobile no.	**9750939938**
Registered Email	**principal@selvamtech.edu.in**
Alternate Email	**deanacademic@selvamtech.edu.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	**https://selvamtech.edu.in/files/AQAR2017-18.pdf**

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	**https://selvamtech.edu.in/academic-calendar/**

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B+**	**2.53**	**2016**	**16-Sep-2016**	**15-Sep-2021**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**14-May-2015**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
ONE DAY FDP ON ROLE MODEL TEACHERS AND CLASSROOM	**21-Jul-2018** **1**	**30**

LEADERSHIP THROUGH NLP			
TWO DAY FDP ON DECISION MAKING SKILLS	10-Aug-2018 2		25
ONE DAY NBA AWARENESS WORKSHOP	01-Sep-2018 1		60
THREE DAY FACULTY DEVELOPMENT PROGRAM ON REDEFINE SKILLS FACULTY	01-Sep-2018 3		30
TEACHING & MENTORING STRATEGIES WITH EFFECTIVE COMMUNICATION	06-Dec-2018 6		60
SCILAB FOR TEACHERS	04-May-2019 1		37

8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Selvam College of Tech/Mech/Dr.R.SASIKUMAR	Young Scientist Scheme	DST-SERB, Govt. of India	2016 3	22.92
Selvam College of Tech/Mech/Dr.R.SASIKUMAR	AR&DB Research & Development Scheme	DRDO- AR&DB, Govt. of India	2017 3	6.25
Selvam College of Tech/Mech/Dr.R.SASIKUMAR	IEI-R&D Grant-in-aid Scheme	The Institution of Engineers (India)	2018 1	0.1
Selvam College of Tech/CSE-ECE/Dr.R.SASIKUMAR	MeitY/IPR - Grant-in-aid Scheme	Ministry of Electroinics and Information Technology, Govt. of India	2018 0.01	1
Selvam College of Tech/Mech/Dr.R.SASIKUMAR	ERIPR/Workshop Grant-in-aid Scheme	DRDO, Govt. of India	2018 0.02	0.5
Selvam College of Tech/Mech/Dr.R.SASIKUMAR	Intech-Open Access Funding, United Kingdom	Intech Open Limited, London, United Kingdom	2019 0.6	1.25
Selvam College of Tech	SPDP-Skill and Personality Development Programme Centre for SC/ST Students	AICTE	2019 3	2.95
Selvam College of Tech	PMKVY - Technical Institutions	AICTE	2019 2	18.61
Selvam College	Popular Lecture	DBT	2018	0.34

of Tech/Dr.M.Go pinath	Series		0.03	

9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

The IQAC has actively played its role in providing quality education. The quality was enhanced with the objectives for 201819: • Faculty seminar is planned to be conducted for every week with different areas • To make more effective utilization of black board and ICT learning methods. • To conduct external and internal academic audit for all UG and PG programmes. • To encourage students to take online courses and to improve their knowledge in their interested domain. • To provide training in soft skills and technical areas for students to enter in core and IT companies. • To conduct cycle test and special coaching for slow learners to improve their academic results • To encourage the students to take internships, inplant trainings and industry projects • To motivate them to participate in cocurricular and extracurricular activities. • To provide awareness and training to become entrepreneurs through Entrepreneur Development Cell. • To increase the interest in research by making them to develop innovative ideas, paper presentations, participation in real time competition through Selvam Hackthon Cell. • To provide seed amount for developing innovative projects and products to all programmes. • To create awareness and develop environmental conscious practices like tree plantation, water resource management, effective electricity power utilization and ensure the campus ecofriendly. • To create awareness and make the students in Swatch Bharath activity. • To implement steps to provide skill oriented training for rural community through PMKV scheme. • To organize orientation, faculty development programs and workshops to enhance them to provide quality of teaching and upgrade their skills in all aspects.

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Placement in Core Companies	Special technical training provided for ECE,EEE MECh department and maximum

	students placed in Core Companies.
Mentor	Student wise separate mentor was allocated and every week mentor hour will be organized.
ISO 9001:2015 Standards Implementation	Standards implementation was successfully completed
Model based learning	Students practical knowledge and subject understanding improved.
Faculty seminar	Faculty members learned, enhanced and upgraded recent technologies and received orientation in various discipline.

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Council Meeting	21-Aug-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

12-Jan-2019

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)

Selvam College of Technology uses an ERP system to monitor the academic activity. ERP system provides a simple interface for maintaining the records of students, department, faculty, time table, transport, examination, hostel and day scholar details, Class advisor etc. The modules are designed with improved reporting system. The system allows the HoD to add students, faculty and any other event details. The class advisor regulary maintains the class attndance using ERP. The ERP system allows the faculty to enter or input student attendance into the database for each session, which can later be viewed by the head of the department and the institiution. The ERP

coordinator can upload the test time tables of various departments for exam preparation. The test marks and reports are maintained and analysed using the ERP system. The system has easy user interface and have good retrieval system. By having one main system as server, they can share academic information with each other from their respective systems. The server is handled by the administrative head and accessed by the faculty with valid user id and password. The faculty of individual departments has its own computer system to do their own functionalities. This ERP system facilitate the faculty and student redundancy work can be avoided and pave the way for good and transparent environment.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

1. As an affiliated college, the Institution follows Anna University curriculum. Based on the discussion in IQAC and governing council meetings, we are taking necessary steps to attain industrial requirements. 2. The curriculum deliverance is communicated through calendar, college's Official website, department notice board and staff log book. 3. Also the curriculum discuss during the orientation program for the first year students of the college.The curriculum objectives and expected outcome are well explained during the orientation program. 4. In order to ensure effective curriculum delivery and transaction, the college maintains department plan, teaching plan, lesson Plan/course Plan, log book and calendar. Syllabus book is made available to the students in the beginning of the academic session. 5. As per the Anna University curriculam, the college used to conduct the class committee and course committee meetings at the beginning of every semester to discuss about the students academic plan. 6. According to the curriculum, the college constitutes a fully functional Internal and University examination cell. An internal examination cell consisting of representatives from each department of the college, which fixes the examination dates and its process. Internal examination cell is responsible for interanal assessment test, cycle test and model exam. They follow the continuous internal assessment system of evaluation comprising internal exam analysis and attendance record.The exam cell member in each department is responsible for collecting the question papers from the subject faculty.The question paper is designed in the model of blooms taxanomy that derives Knowledge, Comprehension, Application, Analysis, Synthesis, and Evaluation.On the other hand, the university exam cell follows the rules and regulation of Anna Universtiy to conduct theory and practical exams. 7. The students are highly encouraged to go for the industrial training and internship at reputated industries/research organizations for a period as specified in the university curriculum during summer / winter vacations. 8. Keeping in mind the impact of extra-curricular Activities, the college induces the faculty and

students to partake in sports, personality development and club activities. 9. The institution highy supports and encourage the students to take value added courses and online courses (MOOC, NPTEL) for their career support. 10. The college and the departments also fix their annual course plan including non-classroom activities, practical studies, field trips, problem solving activities etc. 11. The Career development cell in the Institution actively helps the students in better exploration of the job market. The career development cell plays a vital role in improving the communication of students by conducting various programs like students intensive English program. 12. The Central library and the department library of the college prominently holds approximately 24055 books and it also comprises of question bank,journals,magazine,news paper, that it would supports the welfare of the students community. 13. Each class in the department is must to conduct class committee meetings. The subject staff and the selected students will share their suggestion and discuss about the academic activities.The poor performer get special attention with remedial and extra coaching classes.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Skill Development	nil	22/01/2019	27	Employability Skill Training on Advanced IT ITES Training	Yes
Entrepreneurship Awareness Camp	nil	27/08/2018	3	Entrepreneurship Awareness Camp	No
Workshop	nil	28/01/2019	2	E Cell Leader Workshop	Yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Dates of Introduction
No Data Entered/Not Applicable !!!	

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Date of implementation of CBCS/Elective Course System
MCA	03/09/2018
BE	02/07/2018
BTech	02/07/2018
ME	20/08/2018
MBA	20/08/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course

| Number of Students | 246 | 0 |

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Programming with R language	26/06/2018	40
Android	11/07/2018	26
PHP	11/07/2018	26
PLC and SCADA	21/12/2018	66
Survey	02/03/2019	30
Welding	16/11/2018	20
CNC turning	16/11/2018	20
Preparation of herbal napkin and its important	22/11/2018	38
Android	11/07/2018	12
PHP	11/07/2018	12
Analog Circuits design and PCB fabrication using Proteus	16/11/2018	72

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
BE	22
BTech	17
MBA	88
MCA	12
ME	12

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
1. The institution obtains feedback on Anna University curriculum aspects and courses. The gathered feedback is analyzed and utilized for overall development of the institution. The feedback collected from different stakeholders like students, alumni, faculty, parents industries and employers to evaluate the issues in college campus. The stakeholders use college website link and suggestion box to give their personal feedback about the issues they face in the college campus. The Institution used different formats of feedback that

includes faculty feedback, alumina feedback, parents' feedback, students' feedback, course exit survey ad program exit feedback. 2. Faculty feedback is obtained from the students for the respective course. This feedback is taken once in a semester on various teaching/learning aspects. The faculty feedback is collected in a tabulated format. Once the feedback is collected, it is analysed and valuable suggestions given were considered and necessary actions were executed.The feedback is analysed by the HODs and Principal.If there is any corrective measures need to be considered,the head hierarchy would inform to the respective faculty for further improvements.In addition,the feedback helps the academician to know their clarity in teaching and to improve their quality enhancement in teaching methodology 3. On considering the scholar side, the mentor system highly assists the students in effectual manner.The mentor session would be carried once in every week.By providing a oneonone meeting with a student is one of the most effective means of providing feedback. The student will look forward to having the attention and allows the opportunity to ask necessary questions. The mentor would communicate the student feedback to the academician to know the status of the students in academic. 4. The student counsel was conferring to pschycological issues.If any student was affected by pschycological problem then a special care and counselling was given by the expert counseller. 5. In addition, the students can also use college website link and suggestion box, if he/she needed to communicate personally with top hierarchy. The college website has the link for student's academic feedback, student's grievance, parent's feedback, alumini feedback and employer feedback. 6. Course exit feedbacks and program exit feedbacks are taken to analyse the academic issues that they experienced in the college. Once the semester was completed, the course exit feedbacks are collected by faculty incharge to know the student status in that semester and subject.Program feedbacks are taken from the final year students at the end of the program. The feedback, consist of the academic infrastructure improvement like lab facilities, software updationif any. Feedback from the parents is taken by interacting with them during parent teacher meeting.Alumini feedback is highly appreciated to collect the suggestions would help the instituion to improve their curriculum and placement. 7. Every department is obliged to conduct the class committee meetings and course committee meetings,This meetings help to know the status about the students academic and portion completion.The college holds monthly meeting with the faculty members, where minutes of meeting is maintained as hard copy for future reference.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Number of seats available	Number of Application received	Students Enrolled
BE	660	549	471
BTech	60	115	63
ME	108	50	42
MBA	60	53	43
MCA	60	23	17

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution	Number of students enrolled in the institution	Number of fulltime teachers available in the	Number of fulltime teachers available in the	Number of teachers teaching both UG

	(UG)	(PG)	institution teaching only UG courses	institution teaching only PG courses	and PG courses
2018	1750	226	130	29	21

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Toolsand resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
180	180	30	65	25	10

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Yes, the student mentoring system is available and effectively implemented in the institution. In this college, the mentor system is carried out from the firstyear to the final year. Nearly 15 to 20 students are assigned to a faculty member who acts as their mentor. The mentor frequently interacts with the students and examines their academic performance, attendance and other issues. Students are counseled by the mentor repetitively once in every week. The mentor is the responsible person who acts as a bridge between the academic faculty and the students. The students' feedbacks are communicated to the academician only through mentor system. Mentors and class advisors counsel the students regarding their performance and advice the relevant faculty to conduct additional lectures/practical classes. The mentor is the second parent who encourages the students in all aspects that include cocurricular and extracurricular activities. Students academic and personal issues of concern are well looked after by the respected mentors. The students are also given guidance for career and personal issues besides the academic issues. The mentor arranges a special meet up to the selected students, to deal carefully with the psychological and physical issues. The mentor used to maintain the graph about the performance of the students academic and attendance frequently. The students who have less attendance and who have missed their college internal and external tests are paid special attention from the mentor's side. Even the students with personal issues are asked to call the parents for parents mentor meetings. In addition, the mentor arranges a special convention for the students, academic incharge and the parents. This convention would help the parents to know about the child performance and the attendance in the college. Every week, the mentor used to collect feedback in the form of hardcopy from the mentees. This helps the academic faculty to follow up the mentee details in all the way of the degree completion. The mentor took special care to solve the issues listed in the feedback. On the other hand, the mentor also used to collect feedback from the appropriate faculty about the mentee performance, cooperation and the attendance in the class. This process would help in alleviation of many problems of the students both inside and outside of the classroom. The mentor keeps track on their improvements and counsels them accordingly. The mentor used to discuss with each and every student individually and supports them in all the possible ways to enrich their academic performance. The role of the mentor is to nurture the students and guide them for any issues that they are coming across. The mentors always keep an eye on the attendance discipline of the student, dress code, the marks/grades obtained in the internals externals examinations, and regarding his/her standards in the campus placement and provides remedial coaching. If the student needs a support from the management or other equivalent then the mentor generally act as a mediator between them.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1976	180	1:12

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
179	180	33	33	23

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr.M.Gopinath	Professor	Popular lecture series
2019	Dr.K.Jayarajan	Associate Professor	Doctorate in Anna University

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	105	V/III	29/11/2018	14/01/2019
BE	105	VI/III	02/05/2019	22/06/2019
BE	105	VII/IV	23/11/2018	14/01/2019
BE	105	VIII/IV	29/04/2019	22/06/2019
ME	415	I/I	15/12/2018	19/02/2019
ME	415	II/I	22/04/2019	22/06/2019
ME	415	III/II	17/10/2018	19/02/2019
ME	415	IV/II	22/03/2019	22/06/2019
BE	114	I/I	11/01/2019	16/02/2019
BE	114	II/I	18/05/2019	22/06/2019
BE	114	III/II	15/11/2018	16/02/2019
BE	114	IV/II	22/05/2019	22/06/2019
BE	114	V/III	29/11/2018	14/01/2019
BE	114	VI/III	04/05/2019	22/06/2019
BTech	214	I/I	11/01/2019	16/02/2019
BTech	214	II/I	22/05/2019	22/06/2019
BTech	214	III/II	15/11/2018	16/02/2019
BTech	214	IV/II	20/05/2019	22/06/2019
BTech	214	V/III	22/11/2018	14/01/2019
BTech	214	VI/III	29/04/2019	22/06/2019
BTech	214	VII/IV	17/11/2018	14/01/2019
BTech	214	VIII/IV	13/03/2019	22/06/2019
BE	103	I/I	11/01/2019	16/02/2019
BE	103	II/I	22/05/2019	22/06/2019
BE	103	III/II	15/11/2018	16/02/2019
BE	103	IV/II	20/05/2019	22/06/2019
BE	103	V/III	29/11/2018	14/01/2019

BE	103	VI/III	29/04/2019	22/06/2019
BE	103	VII/IV	17/11/2018	14/01/2019
BE	103	VIII/IV	13/03/2019	22/06/2019
ME	413	I/I	15/12/2018	19/02/2019
ME	413	II/I	22/04/2019	22/06/2019
ME	413	III/II	17/10/2018	19/02/2019
ME	413	IV/II	22/03/2019	22/06/2019
BE	104	I/I	11/01/2019	16/02/2019
BE	104	II/I	22/05/2019	22/06/2019
BE	104	III/II	15/11/2018	16/02/2019
BE	104	IV/II	20/05/2019	22/06/2019
BE	104	V/III	29/11/2018	14/01/2019
BE	104	VI/III	29/04/2019	22/06/2019
BE	104	VII/IV	17/11/2018	14/01/2019
BE	104	VIII/IV	13/03/2019	22/06/2019
ME	405	I/I	15/12/2018	19/02/2019
ME	405	II/I	22/04/2019	22/06/2019
ME	405	III/II	17/10/2018	19/02/2019
ME	405	IV/II	22/03/2019	22/06/2019
BE	106	I/I	11/01/2019	16/02/2019
BE	106	II/I	22/05/2019	22/06/2019
BE	106	III/II	15/11/2018	16/02/2019
BE	106	IV/II	22/05/2019	22/06/2019
BE	106	V/III	29/11/2018	14/01/2019
BE	106	VI/III	02/05/2019	22/06/2019
BE	106	VII/IV	23/11/2018	14/01/2019
BE	106	VIII/IV	29/04/2019	22/06/2019
ME	401	I/I	15/12/2018	19/02/2019
ME	401	II/I	22/04/2019	22/06/2019
ME	401	III/II	17/10/2018	19/02/2019
ME	401	IV/II	22/03/2019	22/06/2019
BE	105	I/I	11/01/2019	16/02/2019
BE	105	II/I	22/05/2019	22/06/2019
BE	105	III/II	15/11/2018	16/02/2019
BE	105	IV/II	22/05/2019	22/06/2019
BE	114	VII/IV	28/11/2018	14/01/2019
BE	114	VIII/IV	16/04/2019	22/06/2019
ME	408	I/I	11/01/2019	19/02/2019
ME	408	II/I	25/05/2019	22/06/2019
ME	408	III/II	07/12/2018	19/02/2019

ME	408	IV/II	22/05/2019	22/06/2019
ME	423	I/I	11/01/2019	19/02/2019
ME	423	II/I	22/05/2019	22/06/2019
ME	423	III/II	07/12/2018	19/02/2019
ME	423	IV/II	22/05/2019	22/06/2019
MBA	631	I/I	12/01/2019	19/02/2019
MBA	631	II/I	21/05/2019	22/06/2019
MBA	631	III/II	03/12/2018	19/02/2019
MBA	631	IV/II	24/05/2019	22/06/2019
MCA	621	I/I	12/12/2018	19/02/2019
MCA	621	II/I	22/04/2019	22/06/2019
MCA	621	III/II	20/10/2018	20/02/2019
MCA	621	IV/II	22/03/2019	22/06/2019
MCA	621	V/III	20/10/2018	20/02/2019
MCA	621	VI/III	22/03/2019	07/06/2019

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The institute has an internal exam cell for continuous internal evaluation. The exam cell committee has a member in each department. The members in the cell works under the supervision of the exam cell incharge.The exam cell members take the overall responsibility for conducting internal examination , preparing timetable, staff duty list,answer sheets isolation ,hall arangements and examination squad work duty. The college follows the central evaluation system that the faculty needs to evaluate the paper in the common evaluation room to maintain the reliability of evaluation. The institute conducts three cycle tests, three internal tests , one model exam for theory and a model lab for practicals. The duration of conducting cycle tests is 50minutes (25 marks) where as the internal test is for 1hour 30 minutes (50 marks) . Generally, the duration of model test for theory and lab are 3hours (100 marks) that helps the students preparing for their university examinations. This system is much appreciated by the students as their critical thinking writing practices and creativity come to the fore. After evaluation of the tests, the answer sheets are given to the students for any grievances. The grievances of the students are considered and verified by the respective course faculty in the department. Some departments arrange additional tutorials for interested and poor performing students. Remedial instruction is given to slow learners and challenged students. Self evaluation and Peer evaluation is also employed by the teachers to enable the students, to analyse their presentation and academic status by comparing with other .Internal marks are allotted based on the assessment test marks and the student's attendance Percentage for 2013 Regulation and on the assessment test marks for 2017 Regulation.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

As an affiliated College, the institution follows Anna University curriculum and calendar for an academic year. Based on the discussion in IQAC, the calender comprises academic programmes and activities for quality enhancement to be held in the college. The calendar is prepared before the beginning of every academic session. The Principal along with the Dean would conduct an interanl academic calendar meeting with heads of all the departments and finalize the academic calendar in the alignment of the university schedule.The

schedule is published in the institutions website and department notice board. In the calendar, all 12 weeks are planned and scheduled accurately. The calendar agenda includes commencement date, closing date of the term, government holidays,college fiesta, assignment date,date of internal assessment test I,II and III, dates of cycle test I,II and III, date of model exam for theory and lab,parents meeting date, class committee meeting date and tentative dates for university theory and practical examination. Faculty conducts lectures and practicals as per the timetable in alignment with the academic calendar. Exams are strictly followed on the dates mentioned in the academic calendar. In addition to the stakeholder benefit, the college declares holiday for 1st and 3rd Saturdays .Hence, the staff and student utilize the holidays as for their general work.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://selvamtech.edu.in/naac-doc/criterion-ii-documents/

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
214	BTech	48	48	100
103	BE	58	28	48.2
413	ME	13	13	100
104	BE	42	23	55
405	ME	5	1	20
106	BE	54	11	20.4
401	ME	12	12	100
105	BE	40	25	62.5
415	ME	8	0	0
114	BE	129	87	67.4
408	ME	5	5	100
423	ME	15	15	100
631	MBA	41	41	100
621	MCA	14	14	100

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://selvamtech.edu.in/naac-doc/criterion-ii-documents/

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	2018	Tamilnadu Pollution	150	150

		Control Board		
Major Projects	2016	Aeronautics Research and Development Board, DRDOARDB, Govt of India	6.25	1.25
Major Projects	2018	Young Scientists Scheme – DST SERB, Govt of India	22.92	3.92
Minor Projects	2018	TamilNadu State Council for Science and Technology	0.07	0.07
Any Other (Specify)	2018	The Instituition of Engineers(India), IEI –RD Grantinaid Scheme(R,4/2/UG/201 819/RDUG2018023)	0.1	0.1
Projects sponsored by the University	2018	IntechOpen Access Funding United Kingdom	1.25	1.25

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Ministry of Electroinics and Information Technology, Govt. of India sponsored "MeitY/IPR – Workshop"	Mechanical Engineering	31/08/2018
EMBEDDED SYSTEM	ECE	19/01/2019
Sensitization on Intellectual Property Rights for Professional Innovators in ICTE/Workshop	CSE	30/08/2018
DRDO ARDB, Govt. of India sponsored Two days workshop on "Fire Retardant Composites for Advanced Vehicle Armor (FRCAV – 2019)"	Mechanical Engineering	27/02/2019
One day seminar on "Application of magnesium alloys in aerospace industry"	Mechanical Engineering	13/10/2018

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Biodegradable Napkin	S.Janani P.V.Janaki	Gnanamani Educational Institutions	04/04/2019	Green Idea
Robothon 5.0	1. Akhilesh Kumar 2. Nikhil Kumar 3. Rohit Kumar 4. Ashwani Kumar	IEEE Robotics and Automation Society	24/02/2019	Robotics Event
Renewable Power Generating System Using Highway Vertical Wind Turbine and PV cells	S.VinothKumar M.Balaji P.Selvaraj K.RajeshKumar T.Duraimurugan P.Vignesh AP/EEE	Anna University Chennai	07/02/2019	Best Proposal Award

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	1

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
CSE	1

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	MECHANICAL	15	0.27
International	MECHANICAL	5	0.98
International	ECE	1	1.03

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
MCA	1
MECHANICAL	2
CSE	1
EEE	3
ECE	2
CIVIL	3

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Superior material properties of hybrid fillerreinforced Aluminum MMC through double layer Feeding technique adopted in bottom tapping stir casting	S. Prakash Rathinasabapathy Sasikumar Elango Natarajan	High Temperature Material Processes	2018	0.1	YES	4
Exemplary encapsulate feeding in stir casting for quality composites	Manivannan Asokan,	Materials and Manufacturing Processes	2019	0.12	YES	2
Investigation of Mechanical and Electrical Properties of Kevlar/ EGlass and Basalt/EGlass Reinforced Hybrid Composites	M.S.Santhosh Rathina sabapathy Sasikumar	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2019	0.12	YES	2
Novel Combined Feeding Approach to Produce Quality Al6061 Composites for Heat Sinks	Manivannan Asokan, Sasikumar Rathinasabapathy	High Temperature Materials and Processes	2019	0.27	YES	4

Mechanical Behavior of Basalt/ Carbon/Aluminium Fiber Metal Laminates An Experimental Study	M.S.Santhosh Rathinasabapathy Sasikumar	The International Journal of Engineering and Science (IJES)	2019	0.15	YES	5
Mechanical Behavior of Aluminium Powder Modified Carbon/Basalt Reinforced Vinyl Ester Composites	M.S.Santhosh Rathinasabapathy Sasikumar	IOSR Journal of Polymer and Textile Engineering (IOSRJPTE)	2019	0.11	YES	4
Influences of Aluminium / EGlass Volume Fraction on Flexural and Impact Behaviour of GLARE Hybrid Composites	M.S.Santhosh Rathinasabapathy Sasikumar	Journal of engineering sciences 6(1):C6C10	2019	0.01	YES	0
Multi wall carbon nanotube reinforced silicone for aerospace applications	M.S.Santhosh Rathinasabapathy Sasikumar	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2019	1	YES	8
Fabrication and Characterization of Aluminium Boron Nitride Composite for Fins	Manivannan Asokan, Sasikumar Rathinasabapathy	Materials today: proceedings	2018	2	YES	8

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)						
Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Fabrication and Characterization of Aluminium Boron Nitride Composite for Fins	Manivannan Asokan, Sasikumar Rathinasabapathy	Materials today: proceedings	2018	2	2	YES
Superior material properties of hybrid fillerreinforced Aluminum MMC through double layer Feeding technique adopted in bottom tapping stir casting	S. Prakash Rathinasabapathy Sasikumar Elango Natarajan	High Temperature Material Processes	2018	1	1	YES
Exemplary encapsulate feeding in stir casting for quality composites	Manivannan Asokan,	Materials and Manufacturing Processes	2019	2	2	YES
Investigation of Mechanical and Electrical Properties of Kevlar/ EGlass and Basalt/EGlass Reinforced Hybrid Composites	M.S.Santhosh Rathina sabapathy Sasikumar	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2019	1	9	YES
Multi wall carbon	M.S.Santhosh Rathina	International	2019	1	8	YES

nanotube reinforced silicone for aerospace applications	sabapathy Sasikumar	Journal of Mechanical and Production Engineering Research and Development (IJMPERD)				
Influences of Aluminium / EGlass Volume Fraction on Flexural and Impact Behaviour of GLARE Hybrid Composites	M.S.Santhosh Rathina sabapathy Sasikumar	Journal of engineering sciences 6(1):C6C10	2019	1	3	YES

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	20	47	2	3
Presented papers	9	6	0	0
Resource persons	1	6	0	0

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Special Camp	Anna University	15	50
Blood Donation Camp	Selvam College of Technology	10	89
Plantation of Saplings	Selvam College of Technology	23	106
Donated Relief Materials to Gaja Cyclone affected People	Selvam College of Technology	8	20
Eradicate Corruption Build a New Inda Vigilance Awareness Program	Selvam College of Technology	24	232
Awareness on Anti Drug Society(RRC)	Selvam College of Technology	12	146

Volunteers for Lok Shaba Election Duty	Election Commission of India	2	64

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swach Bharat	Anna University	Health Awareness Tree Plantation College Campus Cleaning	5	267
Corporate Social Responsibility	Ashok Leyland	Road to School	2	40
Vidhyalakshmi Portal	Selvam College of Technology	Educational Loan Awareness	136	114
Awareness program	RTO,Namakkal	Road safety awareness program	23	360
Right to Vote	Doordharshan Chennai	Voting Awareness Program	16	345
Consumer Awareness Program	Consumer Court Namakkal	Consumer Awareness Program	32	412
Eradicate Corruption	Selvam College of Technology	Eradicate Corruption Build a New India	23	490
Energy Conservation Program	TNEB	Energy Conservation Building Code	20	36

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry	Duration From	Duration To	Participant

		/research lab with contact details			
Composite Materials fabrication	Testing analyzing of composites	The National Institute of Engineering, Mysuru	18/03/2019	23/03/2019	2
Rane Brake Lining Ltd	Digital Safety Management	Rane Braking Lining Ltd	24/12/2018	15/03/2019	4
PanTech Solutions(Implant Training)	Image Processing Using Python	PanTech Solutions	11/06/2018	16/06/2018	12
Appin Technologies(Internship)	Web Development	Appin Technologies	17/06/2019	22/06/2019	9
Internship Training	Teach Tech Services	Ismriti, IIT, Kanpur	10/06/2019	25/07/2019	1
Internship Training	Internship on Human Resource (HR) Finance Management Internship on Human Resource (HR) Finance Management	Saranya Spinning mills Private Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) Finance Management	J.V exports Private Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) Finance Management	Venkateshwara Hatcheries private limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) Finance Management	Lawrence Automotives Tata motors	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	K.K.P Spinning mills limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and	Best Decorators Exports limited	01/06/2019	30/06/2019	1

	Finance Management				
Internship Training	Internship on Human Resource (HR) and Finance Management	Jeyaruby Fireworks limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	Rich Dairy products India Private Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	Rich Dairy products India Private Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	B.R Garments Private Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	Amaravathi Sri Venkateshwara paper mills Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	Eureka Forbes Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	PRS Tyre Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	Classic Poly packs Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and	J.V Exports Private Limited	01/06/2019	30/06/2019	1

		Finance Management				
Internship Training	Internship on Human Resource (HR) and Finance Management	Kovai Maruthi papers and Boards Private Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	Sri Muhuntha paper Boards Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	District cooperative milk producers Union Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	Supreme steels company Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	VIBA feeds	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	Sakthi fruits	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	Jaikisan Match Industries	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	Sambandam spinning mills Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and	Vijay Dairy farm Products Limited	01/06/2019	30/06/2019	1

		Finance Management			
Internship Training	Internship on Human Resource (HR) and Finance Management	Classic poly pack Industries	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	SVM TAPIOCA Private Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	VKR milk Industries	01/06/2019	30/06/2019	1
Internship TrainingInternship Training	Internship on Human Resource (HR) and Finance Management	Amutham Food products Private Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	Angel starch and Food Private Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	Aishwarya Feeds Limited	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	Mahes trading company	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and Finance Management	Zoya Fashions Industries	01/06/2019	30/06/2019	1
Internship Training	Internship on Human Resource (HR) and	APL Rigs India Limited	01/06/2019	30/06/2019	1

| Internship Training | Internship on Human Resource (HR) and Finance Management | Sri Krishna Textiles | 01/06/2019 | 30/06/2019 | 1 |

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Prolific Systems,Coimbatore	30/08/2018	It provides endtoend comprehensive Total Automation Solutions through integration of cutting edge, stateofthe art PLCs (Programmable Logic Controllers), controllers, distributed data acquisition and control systems, compact PCI and PC based open	212
Mas Robotics Pvt Ltd, Chennai	30/08/2018	It provides design and implementation of Solutions in the field of Industrial Automation and Robotics we perform Robot sales, Robotics automation, Spares sales, Servicing and Industrial Training.	124
The National Institute of Engineering, Mysuru	10/03/2019	Fabrication of Aluminium Composite Materials	2
Fliege Uav Components, Coimbatore	30/08/2018	To make in India DRONE, wide applicability and usage over various sectors are indeed intriguing, the basis of analysis and market research, Fliege Provides Training In UAV Pilots,	146

		seminars on Technology development in Universities and colleges.	
Sunsea Group Of Companies,Chennai	30/08/2018	To bring out the innate talents of Indian students to the fore, channelize in a constructive way and guide them for quality overseas education to make a mark for themselves in their academic and professional life.	326
Hackup Technologies Coimbatore	30/08/2018	Services division offers penetration testing, evaluation of security preparedness, forensic investigation, monitoring to IT environment and source code review.	126
Galaxy Biolabs Madurai	30/08/2018	To expand the marine biology in promoting aqua culture related research inspired by his activity the central Govt. The sterile land into fertile land through organic mode of operation in Tamil Nadu	146
Neolysis Technologies Chennai	30/08/2018	A private research and development company, active with the purpose of customized software applications, consulting services for the global clients.	164
Madras Flying Club, Chennai	30/08/2018	A variety of courses, including in commercial pilot training, aviation Engineering, advance aviation safety training ,	156

		communication Technology training and exclusive courses in ground operation s and aircraft cabin management	
Tamilnadu Pollution Control Board	01/07/2019	Implementation of Pollution detecting Devices in side our institution	146
Agro Biolife Science, Coimbatore	30/08/2018	The sphere of supplying Major and Micronutrient Fertilizers, Fertilizers for Organic Farming, Plant Growth Regulators, Humic Acid Spray Adjuvant, Fungicides and Biopesticides.	164
Expertshub Industry Skill Development Center Chennai	30/08/2018	Specialized in providing experiential and interactive learning solutions through innovative programs by joining hands with anchor facilitators from Industry, research organizations and Top Academic Institutions.	142

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
20000000	17845353

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Newly Added
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing

Seminar halls with ICT facilities	Existing
Video Centre	Existing

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
LIPS I.NET	Fully	5.0	2007

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	23111	9252900	943	148181	24054	9401081
Reference Books	649	480140	67	108197	716	588337
e-Books	10955	11500	10955	13570	21910	25070
Journals	115	127463	0	0	115	127463
e-Journals	1120	13570	0	0	1120	13570
Digital Database	1	13570	0	0	1	13570

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platformon which module is developed	Date of launching e-content
S.JAYACHITRA	ELECTRONIC WASTE MANAGEMENT ISSUESS AND CHALLENGES	SWAYAM AND NPTEL	08/05/2018
S.THENMOZHI	FUNCTIONAL GENOMICS	SWAYAM AND NPTEL	24/07/2018
S.THENMOZHI	BIOINFORMATICS ALGORITHM AND APPLICATIONS	SWAYAM AND NPTEL	20/06/2018

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	758	563	758	77	60	8	50	60	
Added									
Total	758	563	758	77	60	8	50	60	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

60 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
SCT PORTAL	http://portal.selvamtech.edu.in

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
65	6998753	250	27356035

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

1. The Institution follows the procedures and policies for maintaining, utilizing and upgrading the physical facilities as per the guidelines of curriculum issued by the Anna University. 2. The institution is selfsustained for academic excellence. It is equipped with latest and excellent infrastructure facilities. The infrastructure facilities include magnificent buildings with a unique blend of both oriental and architectural marvels. 3. The college has spacious class rooms.They are ICT based class rooms that apt for the current technology and soft skills. 4. Each department is housed exclusively with laboratory equipments calibrated to international standards and updated regularly that balance with the Anna University curriculam. All the departments have well equipped Laboratories.The labs are highly furnished with modern facilities.The furnished labs are well maintained and structured to ensure the health and safety of the students and staff. 5. The college aslo holds engineering drawing halls, workshops, science laboratories and computer laboratories with wifi facility. The capacity of 60 mbps Internet connection is added to the benefits.The institution is equiped with solar energy panel. Solar energy creates clean, renewable power from the sun and benefits the college environment. The institution also possesses pollution monitoring and control centre. 6. The institution holds convention lobby and three well furnished seminar halls with air conditioned and effective audio system. 7. The computerized library is the main resource centre of SCT, providing a conducive environment for learning. It provides excellent facilities to the students, researchers and faculty for their research, training and consultancy activities. Library is a boon for Selvites towards academics and for various competitive examinations. This library was established in the year 2006. Presently, it accommodates 24055 books for the benefit of the students. The library functions with LIPSiNET software system with barcode scanning facility. 8. The College promotes sports to the national international standard by giving free seats, free accommodation and free mess for the sports involved students. The college owns the open play ground. Well equipped Standard 400 mts track with full infrastructure for all sports and games. Students are trained with specialized NIS coaches. The College gives vital importance for practicing yoga for maintaining balance between work and a healthy lifestyle inside the campus in order to attain selfrejuvenation. 9. The college has established separate fully equipped Google classroom .The Google apps for education with 70 highly configured computers helps the students to access google classroom app. It is used to share student's academic works paperlessly. 10. The Career development cell of Selvam College of Technology facilitates the process of placement of students passing out from the Institute besides collaborating with leading organizations and institutes in setting up of internship and training program of students. The Career development Cell, functions in a separate air

conditioned block with stateoftheart facilities. 11. Availability of lifts in the campus highly provides an easy access around the campus for the student and staff. There are infirmary rooms available separately for both male female students needing medical attention.

https://selvamtech.edu.in/

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Academic and Sports Scholarship	1405	37681500
Financial Support from Other Sources			
a) National	First Graduate scholarship,Backward class welfare scholarship,Adi Dravidar and Tribal Welfare scholarship,SC and ST Tuition fess scholarship	2431	73042945
b)International	nil	0	0

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
IEP CAREER OPPURTUNITIES FOR MECHANICAL ENGINEERS	14/07/2018	133	Mr.BALRAJ SAMBANDAM, Regional General Manager, Heading HR in Operation and Maintenance department in Chemin Enviro Systems
IEP EMPLOYMENT OPPORTUNITIES IN GOVERNMENT SECTORS	25/07/2018	279	Mr. M. Shunmmugam, Founder – Director, Vetrii IAS Study Circle
IEP EXPECTATION OF IT INDUSTRY FROM ENGINEERING GRADUATES	28/07/2018	200	Mr.Rajkumar Shanmugam, HR Manager,PreludeSystem Pvt Ltd,Chennai
IEP EDGE OF OPPORTUNITIES FOR CIRCUIT BRANCHES	11/08/2018	300	Mr.Hariprasad kandhaswamy, Head of Function EAIC, Larsen Toubro
TEN DAYS INTENSIVE ENGLISH PROGRAM	20/08/2018	60	Mrs.Vinola Honarine Prakash, World Wide

			Education, Salem
CAREER OPPORTUNITIES FOR CIVIL ENGINEERS	25/08/2018	140	Mr.Sathish Kumar, SR Constructions, Coimbatore
INTERACTION WITH GLOBAL THINKER	25/08/2018	175	Padma Shri Dr.Mylswamy Annadurai, Former Director, ISRO
INDUSTRY INSTITUTE COLLABORATION CEREMONY WITH TEN COMPANIES	30/08/2018	180	Delegates from Different Companies
ABROAD CAREER EXPOSURE'18	31/08/2018	290	C.N.Ravisagar, Sunsea Pvt. Ltd
IEP OPPORTUNITIES AND AVENUES IN THE FIELD OF BIOTECHNOLOGY	12/09/2018	120	Dr.Pazhanimuthu, Annamalai,Managing Director,Aura Biotech, Chennai
IEP CAREER ASPIRATION TO ACCOMPLISHMENT IN IT INDUSTRY	14/09/2018	212	Mr.Rajmohan Natesan, Vice President, Infoview Technologies, Chennai
UNNAL MUDIYUM	15/09/2018	250	Dr.Anand Tiyagarajan , Vice President – Kaay Labs, Chennai
SCT MOCK INTERVIEW 18	29/09/2018	435	11 SCT Alumini
DREAM IT ACHIEVE IT	10/11/2018	508	Mr.Shivaprakash BA(Hons) ,UK Regional Director Worldwide Education
NURTURING THE GRADUATES ON INDUSTRY READINESS	05/01/2019	230	ICT Academy of Tamil Nadu
CAREER DEVELOPMENT CELL CURRICULUM BASED TRAINING	02/07/2018	1781	CDC Trainers
Skill Saathi Program	14/02/2019	464	ICT Academy of Tamil Nadu

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Orientation program on	434	0	0	0

| 2019 | civil services examination | | | | |
| 2019 | Career skill development training program | 0 | 434 | 0 | 373 |

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
No Data Entered/Not Applicable !!!		

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
39	434	371	4	22	2

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	BE	EEE	SELVAM COLLEGE OF TECHNOLOGY	ME Power Electronics Drives
2019	1	BE	CIVIL	SELVAM COLLEGE OF TECHNOLOGY	ME Structural Engineering

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying	Reg no/ Rollno for the examination
GATE	1	CE19S84005128

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Football match	Zone Level	255
Founders day trophy foot ball match	Institution level	500
Annual Day	Institution level	214

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for	Number of awards for	Student ID number	Name of the student

			Sports	Cultural		
2018	BRONZE	National	1	0	622516114102	R.SURYA
2018	GOLD	National	1	0	622516114076	S.PRAVEENKUMAR
2018	GOLD	National	1	0	622517114239	N.VIGNESHWARAN
2018	GOLD	National	4	0	622517631017	S.JEEVARANI
2018	SILVER	National	3	0	622517631017	S.JEEVARANI
2018	GOLD	National	1	0	622516104042	R.ROHINI
2018	BRONZE	National	1	0	622516104042	R.ROHINI
2018	BRONZE	National	1	0	622518104062	R.VENGATESHWARAN
2018	BRONZE	National	2	0	622516114076	S.PRAVEENKUMAR
2018	BRONZE	National	1	0	622516104013	S.DHARMADURAI
2018	GOLD	National	2	0	622510103004	K.DINESHKUMAR
2018	GOLD	National	2	0	622516104013	S.DHARMADURAI
2018	GOLD	National	2	0	622518104062	R.VENGATESHWARAN
2018	SILVER	National	1	0	622516104013	S.DHARMADURAI
2018	BRONZE	National	1	0	622516114105	K.THIVAGAR
2018	GOLD	National	1	0	622515106005	M.BANUPRIYA
2018	SILVER	National	2	0	622516104042	R.ROHINI
2018	SILVER	National	1	0	622517214051	G.SHEEBA
2018	SILVER	National	2	0	622517214002	K.AGNEESRIEEISWARYA
2018	SILVER	National	1	0	622517631017	S.GEEVARANI
2018	BRONZE	National	1	0	622515106055	M.BANUPRIYA
2018	BRONZE	National	1	0	622516104042	R.ROHINI
2018	BRONZE	National	1	0	622517214051	G.SHEEBA

2018	SILVER	National	1	0	6225186310 34	P.PANDIYAN
2018	GOLD	National	1	0	6225171140 70	R.KABILAN
2018	SILVER	National	1	0	6225172140 08	T.P.BHARAT HKUMAR
2018	SILVER	National	1	0	6225171043 01	G.ARUNKUAR
2018	SILVER	National	1	0	6225186210 01	A.PRASANTH
2018	SILVER	National	1	0	6225171141 56	R.PRAVEENK UMAR
2018	SILVER	National	1	0	6225171141 02	S.MANIKAND AN
2018	GOLD	National	1	0	6225171140 91	B.MAHENDRA PANDITAN
2018	GOLD	National	1	0	6225171141 76	K.RANJITH
2018	GOLD	National	1	0	6225171141 02	S.MANIKAND AN
2018	SILVER	National	1	0	6225181141 64	P.SIVASUBR AMANIAN
2018	SILVER	National	1	0	6225151040 49	S.SELVAPRI YA
2018	BRONZE	National	1	0	6225151060 31	G.MENAGA
2018	SILVER	National	1	0	6225161140 58	S.MELTON
2018	SILVER	National	1	0	6225181040 57	M.TAMILSEL VI
2018	BRONZE	National	1	0	6225166213 02	C.DHARANI
2018	BRONZE	National	1	0	6225176310 17	S.JEEVARAN I
2018	GOLD	National	2	0	6225161044 2	R.ROHINI
2018	BRONZE	National	1	0	6225172140 02	K.AGNEESRE EISWARYA
2018	GOLD	National	4	0	6225181141 64	P.SIVASUBR AMANIYAM
2018	SILVER	National	1	0	6225151040 49	S.SELVAPRI YA
2018	SILVER	National	1	0	6225151060 31	G.MENAKA
2018	GOLD	National	2	0	6225151060 31	G.MENAKA
2018	GOLD	National	2	0	6225151040 49	S.SELVAPRI YA

Year	Medal	Level	Col4	Col5	ID	Name
2018	GOLD	National	3	0	622518104057	M.TAMILSELVI
2018	GOLD	National	2	0	622516621302	C.DHARANI
2018	SILVER	National	2	0	622516621302	C.DHARANI
2018	GOLD	National	3	0	622518114130	P.RAJKUMAR
2018	SILVER	National	1	0	622516114058	S.MELTONJAI
2018	GOLD	National	2	0	622517116040	A.KARISH
2018	GOLD	National	1	0	622518631034	P.PANDIYAN
2018	BRONZE	National	1	0	622517114061	IMRAN
2018	BRONZE	National	1	0	622517114081	K.KAVIDOSS
2018	SILVER	International	1	0	622516621315	V.SATHISH
2018	SILVER	National	1	0	622516621315	V.Sathish
2018	SILVER	National	1	0	622518104062	R.VENGATESHWARAN
2018	GOLD	National	2	0	622516114076	S.PRAVEENKUMAR
2018	SILVER	National	2	0	622515103011	K.DINESHKUMAR
2018	GOLD	National	2	0	622515103011	K.DINESH KUMARI
2018	BRONZE	National	1	0	6225	K.DINESHKUMAR
2018	SILVER	National	1	0	622516114102	R.SURYA
2018	GOLD	National	2	0	622516114102	R.SURYA
2018	GOLD	National	2	0	622516114058	S.MELTONJAI
2018	GOLD	National	3	0	622517114198	S.SHABIN
2018	BRONZE	National	2	0	622518114130	P.RAJKUMAR
2018	BRONZE	National	2	0	622518114164	P.SIVASUBRAMANIYAM
2018	GOLD	National	1	0	622517114102	S.MANIKANDAN

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of

the institution (maximum 500 words)

1. The objective of the Student Council is to make the students to participate in the development of the institute and develop their career, personality and organizational skills through interactive programmes with the faculty and administration. The organization creates a platform for the active participation of the students in the various academic administrative bodies. This empowers the students in gaining leadership qualities, execution skills and knowledge of rules and regulations. 2. The institute has a dynamic student council consisting of student members. The student members of the council are nominated by the academic dean and the representatives are selected from various sections of student community. 3. The constitution of the student council is maintained by IQAC. The council is monitored by senior faculty members who are responsible for the smooth conduct of the council meetings. 5. Various cocurricular activities organized by the council include Special Lectures by experts, Seminars, Workshops, Symposium, National Level Conference and Intercollegiate meet to develop the personality and skills of the student's ability. 7. The student council members are responsible for conducting Institute Annual day, Founders day, International Women's day, Sports day, Teachers day, Farewell party, Pongal fiesta, etc., every year. 8. Student council organizes programmes in the campus to improve the cleanliness and greenery in campus, blood donation, Fire safety, pollution control, save energy and save water. 9. The student council representatives are helping the administration in smooth conduct of student activities on the campus. Suggesting the administration to improve the student amenities to improve their career and personality building. 10. The student council members actively participate and guide the junior and needy students. The Council members are responsible for prevention of ragging in the campus through counseling the costudents and helping the administration whenever necessary. 11. The council members are highly appreciated for maintaining the peace and harmony in the campus. The council members bring forward the academic views and suggestions of the students inside the college. 12. The student's council along with the college administration has actively solved many problems of the students' like availability of resources, coaching class, etc., Thus, the college students' council has shown an active participation along with the college management for enhancing the name and fame of the institution.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

1. Yes, the Selvam College of Technology has registered Alumni Association. The Alumni association is enrolled in Namakkal Registration office under The Tamil Nadu society's registration Act, 1975 and registration number is SL.No:25/2015. 2.The college website http://selvamtech.edu.in/alumni holds the alumni form for the outgoing students to give their valuable feedback to the institution about the relevance of the curriculum and the need for infrastructural development. 3. The outgoing student can register their membership in the alumni association. 4. SCT conducts alumni meeting every year. Our prominent alumni were working in various grounds. 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 achievers of the college were given the opportunity to share their experiences and motivate other students to follow their footsteps. 6. The Alumni used to conduct the student development sessions when they visit the college to share their industrial experience and about the current technologies. 7. Our Alumni organizes guest lectures on personality development and standard for company expectation. Over the years, it has been helping in holding interactive

sessions with alumni to motivate the college students regarding social adjustments and career seeking. 8. The alumni used to have a network with the juniors, with the help of social link like twitter, face book, whatsapp, college website and corporate mail. 9. The reputed alumni are the backbone of the growth of the institution. The institution rests on the rich history of the students' success and glory. 10. Association members regularly meet and interact with the management. It is the flag bearer of the developments in the institution. 11. The alumni also help the institution by influencing industries and other agencies in getting placements fests for the institution. The alumni have expanded and strengthened it with new enrolments.

5.4.2 – No. of enrolled Alumni:

495

5.4.3 – Alumni contribution during the year (in Rupees) :

99000

5.4.4 – Meetings/activities organized by Alumni Association :

2

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Yes, the college has always supported decentralization and participative management as a form of good governance as it believes it would result in creating an atmosphere favorable for overall growth of the institute. The Principal, who is the academic head of the institution, is given sufficient freedom by the management to fulfill the vision and mission of the Institution. Academic responsibilities are fairly divided among all the faculty members. Committees are framed for the various curricular, cocurricular and extracurricular activities to be executed and this ensures transparency in policy execution. The responsibilities are communicated to the faculty members through regular department meetings. Various cocurricular and extracurricular activities are conducted through students having a facultyincharge. The Principal holds regular meetings with the heads of the departments. In these meetings, various issues are taken up for discussion before arriving at a final decision. The Heads of the departments monitor the functioning of the departments and they conduct regular meetings with the faculty members. The participative decisionmaking ensures total participation of all people concerned. The decentralization of departments and the institution help in improving the quality of its educational provisions. Yes, the college promotes a culture of participative management. Participative management levels are Management, Principal, and Heads of the departments, Faculty members and Students. At each level they take active part in planning and implementation of policy and matching it with the policy of the institute. Faculty is involved in planning and implementation of the academic and teachinglearning processes.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details

Curriculum Development	As an affiliated College, the Institution follows Anna University curriculum. Based on the discussion in IQAC and governing council meeting we are taking steps to bridge the gap between industrial needs and our curriculum by conducting value added courses and hands on training. The curriculum deliverance is communicated through academic calendar, college official website, department notice board and staff log book.
Teaching and Learning	The college implements outcome based education method. For all program practical orientation is insisted in the form of mini projects, inplant training, industrial visit workshops.Guest lectures and seminars are arranged to enrich the theoretical knowledge of the students about the recent trends. Healthy interactions on academic and cocurricular activities between students and faculty which goes beyond the classrooms. The institution highy supports and encourages the students to take value added courses and online courses (MOOC, NPTEL) for their career support. The college Follows ICT enabled Teaching and learning process.Regular feedback collection from students is carried out to improve teaching and learning.
Examination and Evaluation	Internal examination cell is responsible for interanal assessment test, cycle test and model exam. The internal question papers are designed based on blooms taxonomy that derives Knowledge, Comprehension, Application, Analysis, Synthesis, and Evaluation. The answer papers are evaluated within 2 days after the completion of the exams using Central Evaluation. They follow the continuous internal assessment system of evaluation comprising internal exam analysis and attendance record. On the other hand, the university exam cell follows the rules and regulation of Anna Universtiy to conduct theory and practical exams.Anna university conducts the end semester examinations twice in a year. One in AprilMay and the other in NovemberDecember. University forms a list of competent examiners for evaluation.
Research and Development	The Research and Development Cell is established with an objective of

	promoting research by students and the faculty members in newly emerging and challenging areas of Engineering, Technology, Science and Humanities. RD Cell encourages the faculty members and students for sending research proposals and receiving funds from various research bodies. V.Ponnusamy educational and charitable Trust provides seed amount for innovative projects of faculty and students. Well equipped Research Labs are developed to improve quality of the research.The institute motivates the faculty to file patents for the research work done by them. The Institute permits the deaprtments to organise International / National conference / seminar/ workshops. The institute obtains permission from the ministry of science and technology, government of India for the research project titled "Thermal Management of Heat Sinks Using Advanced Aluminium Boron Nitride Composites". The funds are charitable by the DST – SERB under Young Scientist Scheme – 2015, ARDB Research Development Scheme, IEIRD Grantinaid Scheme, MeitY/IPR Grantinaid Scheme, ERIPR/Workshop Grantinaid Scheme, IntechOpen Access Funding, United Kingdom, SPDPSkill and Personality Development Programme Centre for SC/ST Students, PMKVY Technical Institutions. The college also obtains permission from ministry of defence for the research project titled "Fabrication of Nano Metal Matrix Composites Materials by Using Bottom Tapping Stir Casting". The funds are sponsored by the Aeronautics Research Development Board – DRDO.
Library, ICT and Physical Infrastructure / Instrumentation	Library has sufficient ejournal like DELNET and sufficient back volumes for all the departments. The library building is enabled with WiFi facility. The library functions with LIPSiNET software system. Every year, additional volumes of books are added based on the requirements from all the departments. Every class has one compulsory library hour / week for permitting the students to access the reference books and journals which augments the learning process. Apart from the central library, every department has a Department Library. Class rooms in each department are enabled with ICT tools. Google class room is maintained with up

	to date accessories. The college aslo holds engineering drawing halls, workshops, science laboratories and computer laboratories with wifi facility. The institution holds convention lobby and three well furnished seminar halls with air conditioned and effective audio system. The IDC manager is monitoring the maintenance of academic infrastructure and other facilities.
Human Resource Management	As per the AICTE Anna university norms, faculty and staff requirement is forwarded to the committee consisting of Principal, Dean Academics, HOD, senior faculty for further action Faculty orientation programmes are arranged for new Faculty members for upgrading their technical skills. Incentives are given to the faculty members for presenting research papers in reputed Journals / International and National conferences. Faculty is given on duty to attend Conferences / Workshops FDPs conducted by outside the Institution. Faculty members were motivated by the management and Principal to pursue PhD.
Industry Interaction / Collaboration	? The college has totally 26 MOUs with different industries and training centres. ? Students are taken for industrial visits every year by various departments. ? Encouraging students to take up industry oriented projects ? Inviting guest lecturers from industry ? Encouraging the students to go for in plant training ? Students are trained and groomed to enhance their Employability skills by imparting technical training, soft skills.
Admission of Students	Admissions are made on the basis of Tamil Nadu Engineering Admissionssingle window system procedure for the government quota students and through the consortium of selffinancing engineering colleges for the management quota students.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	Yes
Administration	Yes
Finance and Accounts	TALLY ERP
Student Admission and Support	ERP

Examination	ERP

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Mrs.R.Bhuvaneswari	ICT Academy FDP on Hadoop	ICTACT	500
2019	Mr.P.Periyasamy	One day awareness workshop on si program	AICTE	1473
2018	Mr.R.Mohanraj	Startup and Skill Development	ANNA UNIVERSITY	2232
2018	Mr.R.Senthilkumar	An oar based hybrid turbine array harvester and method of energy harvesting thereof	SCT	5044

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Fdp On Role Model Teachers And Classroom Leadership Through NLP	Fdp On Role Model Teachers And Classroom Leadership Through NLP	21/07/2018	21/07/2018	30	10
2018	Two Day Fdp On Decision Making Skills	Two Day Fdp On Decision Making Skills	10/08/2018	11/08/2018	25	10
2018	Day Fdp On Redefine Skills Faculty's Orientation On Commu	Day Fdp On Redefine Skills Faculty's Orientation On Commu	01/09/2018	03/09/2018	30	8

	nication And Teaching Skills	nication And Teaching Skills			
2018	Teaching And Mentoring Strategies With Effective Communicat ion	Teaching And Mentoring Strategies With Effective Communicat ion	06/12/2018	11/12/2018	50	10
2019	Training Program on Usage of Fire Extin guisher	Training Program on Usage of Fire Extin guisher	25/05/2019	25/05/2019	60	9

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Graph Theory Applications	1	14/06/2018	20/06/2018	7
One Day NBA Awareness FDP	10	01/09/2018	01/09/2018	1
AICTE sponsored Faculty Development Program for Student Induction Program	2	26/11/2018	28/11/2018	3
AICTE sponsored Faculty Development Program for Student Induction Program	2	03/12/2018	09/12/2018	7
Communication Skills	1	04/07/2018	05/07/2018	2
Anna University sponsored Two week FDTP on "Wireless Networks"	1	10/12/2018	23/12/2018	15
Introduction to R programming	2	27/12/2018	28/12/2018	2
An automatic Robotic Hydroponic	1	14/10/2018	14/10/2018	1

farming				
Intellectual Properties Rights	2	30/08/2018	31/08/2018	2
Scilab Learning	37	04/05/2019	04/05/2019	1
Firebird Robot and its applications	1	31/01/2019	31/01/2019	1
Machine learning using azure	1	10/12/2018	15/12/2018	6
Recent advancement in pollution control (STTP)	2	12/11/2018	16/11/2018	5
FDP on awareness and Implementation Challenges in cutting edge techniques of management education pedagogy for BSchool teachers in Tamilnadu	2	20/06/2018	25/06/2018	5
FDP on programme leadership skills level II	1	10/12/2018	11/12/2018	2
Digital India through solid modelling and 3D printing techniques for Indian industries	1	06/06/2019	15/06/2019	9
Metal matrix composites (MMC) and its engineering applications	1	24/08/2018	24/08/2018	1
Theory and practice of X ray Diffraction and scanning electron microscope	1	30/05/2019	31/05/2019	2
FDP on Automobile Engineering	1	03/12/2018	15/12/2018	13
Research	1	22/12/2018	23/12/2018	2

problem formulation analysis and technical paper writing p				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
176	176	16	16

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Free Transportation Group Insurance Maternity leave Provident fund for teaching faculty Summer and winter vacation for the faculties Providing awards and incentive for academic performance (100 results). OnDuty for attending conference ,workshops FDP Providing Free WIFI facility	Free transportation Group Insurance Summer and winter vacation for the faculties OnDuty for attending conference ,workshops FDP Providing Free WIFI facility	Group Insurance Providing Free WIFI facility Free transportation

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Auditing is an important part of the functioning of Selvam College of Technology. Expenses made by the college and by its different units during the years 20132014, 20142015, 20152016, 20162017 and 20172018 were audited by different wings of the audit system . INTERNAL AUDIT All expenses of revenue nature are audited by the internal audit. The Internal Audit of the college makes a thorough audit of the expenditures of the instittute. The Audit Department/ Audit Team works under the headoffice and Financial Advisor of the V.Ponnusamy Educational and Charitable Trust. EXTERNAL AUDITThe audit team is deputed by the ISO. The audit is based on the various types of accounts relating to the funds especially received from the State government and University Grants Commission (UGC). The audit team audits stock registers and all the Planned Expenditures of the college.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Institution of Engineers (India)	26929	To Organize Seminar and workshop

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External	Internal

	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Guardian Independent Certification Ltd	Yes	Department HODs IQAC
Administrative	Yes	Auditor	Yes	Accountant of SCT

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Parents are regularly invited to interact with the faculty and are shown the progress of the students through their academic and extra curricular activities reports. 1) It helps to foster and promote good relationship among faculty, staff, student with parents to promote social development. 2) It helps to create keen interest for the smooth functioning of the institute. 3) It helps to understand the diversified need of the students belonging to different backgrounds Parents are regularly invited to interact with the faculty and are shown the progress of the students through their academic and extra curricular activities reports. 1) It helps to foster and promote good relationship among faculty, staff, student with parents to promote social development. 2) It helps to create keen interest for the smooth functioning of the institute. 3) It helps to understand the diversified need of the students belonging to different backgrounds

6.5.3 – Development programmes for support staff (at least three)

• Support staff is encouraged to pursue higher education. • Encouraging participation for supporting faculty in orientation programmes, seminars, workshops and conferences. • Awareness program on health and safety.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

• Students to be given coaching for GATE and competitive examination. • Feedback mechanism from students, academic peers, administration and other stakeholders is strengthened by providing online link. • Students and faculty are encouraged to undergo online courses like NPTEL,MOOC etc. • Faculties are encouraged to pursue Ph.D in their Field. • A modern and spacious canteen has been constructed to provide quality and hygienic food to staff and students.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants

			Female	Male
BE	22/11/2018	23/11/2018	28	0
BE	26/10/2018	26/10/2018	215	0
BE	08/03/2019	08/03/2019	225	0
BE	16/03/2019	16/03/2019	198	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
? Solar photovoltaic cells with grid system installed on the top of the building. Energy generated and used from sep2018 TO june2019 76459kwh(units) ? Solar power and LED lights are used in the College in order to reduce energy consumption

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Special skill development for differently abled students	Yes	0
Any other similar facility	Yes	0
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	0
Braille Software/facilities	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	25/06/2018	2	Social emergency response volunteers	Students understand the economic and social value needed for the communities	100
2018	1	1	27/08/2018	3	Entrepreneurship Awareness	Students were educated	150

					Camp	about the different areas of skills where they can establish themselves as Entrepreneur and create the job for others.	
2018	1	1	25/08/2018	1	Saplings Plantation	Students are encouraged to plant trees and support for green environment.	100
2018	1	1	08/09/2018	1	Legal awareness program	Employees are educated about the basic law to deal with common problems like consumer protection, protection of fundamental rights in the society.	80
2018	1	1	14/09/2018	1	Blood Donation Camp	Confer about donating the blood and its importance.	100
2018	1	1	29/10/2018	6	Eradicate Corruption Build A New India (Vigilance Awareness	The session addressed about the Internal corruption in the	500

Year			Date		Title	Description	
					Week	India and the eradi cation.	
2018	1	1	12/12/2018	1	Gaja cyclone relief things	The students and faculty, supported by providing relief materials to the rescued area.	50
2019	1	1	28/01/2019	1	E Cell Leaders workshop	It helped students to share knowledge, conduct lecture on techno logical and business awareness.	38
2019	1	1	29/01/2019	7	Special camp in K athapalli village	student were induced to know about the public re sponsibil ities and self moti vation.	50
2019	1	1	01/02/2019	1	Awareness on antidrug society	Educated about the drug harmness, rehabilit ation center and NGO's	50

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
College Website	28/06/2018	Rules and Regulation for Students. • AntiRagging. • Disciplinary Rules
E Calendar	28/06/2018	The College calendar was issued to students and the faculty. The calendar holds the rules and

regulation of the college that the students need to follow. Distinguishably, the calendar highlights the disciplinary regulation that the students needs to be abide. The college rules and regulations include prohibition of smoking in the college premises, prohibition to defile the wall of the campus, the necessity to maintain strict silence during class hours, necessity to be courteous to all especially the teachers and their elders, etc. Students are expected to follow these rules and regulations and any violation of such rules and regulations will result in disciplinary actions taken against them.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independence Day Celebration	15/08/2018	15/08/2018	100
Teachers Day Celebration	05/09/2018	05/09/2018	100
Engineers Day Celebration	15/09/2018	15/09/2018	300
Republic Day Celebration	26/01/2019	26/01/2019	100
Women's Day Celebration	08/03/2019	08/03/2019	225
Road to sch oolAshok Leyland Corporate	20/03/2019	20/03/2019	43
World Consumer Rights Day	21/03/2019	21/03/2019	20
Holi Celebration	22/03/2019	22/03/2019	30

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

? Waste substance management and waste recycling is carried out in the college campus. The students as well as the faculties are encouraged to provide a pollution free environment inside the campus. ? Solar power and LED lights are used in the College in order to reduce energy consumption ? The College encourages minimal usage of papers. For example, employees are encouraged to print on both sides of the paper and reuse the one side sheet. ? Saplings are

being planted on a regular basis in and around the campus for greeny and pollution free environment. This process is carried out as part of the Independence Day, Republic Day celebrations, NSS programmes and on the World Environment Day. ? Continuous ambient air quality monitoring (CAAQM) stations installed in our campus with help of TamilNadu Pollution control board (TNPCB) in order to monitor the air qualities and weather report.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice News in Education (NIE) 2. Goal To strengthen the reading habit and to enhance the overall development of the students. Help students to become informed and involved citizens who can determine and guide their own destinies in a democratic society. Help students develop skills of critical reading by teaching competence in newspaper reading. To improve the confidence of students to participate in intercollege quiz competitions. Best Practice 2 1. Title of the Practice: Online Students Feed back System using Google Apps 2. Goal: ? To receive an online feedback from students about faculty members, facilities and resources provided to them. ? To bridge the communication gap between students and faculty members. ? To provide an opportunity to faculty members to enhance their teaching skills. ? To receive suggestions from students for strengthening the teaching learning process and overall academic environment

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://selvamtech.edu.in/naac-doc/criterion-vii-documents/

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

1. Our vision is "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 ".The supremacy of the institution is reflective with the vision of the institution. The effectivew leadership is tune with the Management Committee of Selvam College of Technology and the employee of the institutions has the responsibilities for both establishing and protecting the fundamental values and ethical principles which govern the activities of our institution. 2. Our vision and mission form the foundation of our college and its planning for the future. The mission of our college highly focuses the education that copes up the emerging technologies is accordance with social context. The college encourages research and development, evolving innovative applications of technology, encouraging entrepreneurship of students with moral qualities. The institution top hierarchy is also responsible for empowering the students from various socio economic strata. 3. The institution values excellence, innovation, being genuine, respect for others, integrity, trusting and being trustworthy. This engineering college is the place for people who desire to solve problems, to create, to design and to innovate that helps the students to reach the goal of having an impact on society. 4. The Management, the Principal and the Dean guide us and drive our continued excellence and growth day by day. The management helps the student community by providing high infrastructure, education and nurtures them for a successful career as well as to contribute to the betterment of the society. 5. The institute wishes to emerge as a Centre of Academic Excellence by providing students opportunities for learning the subjects to earn the desired degree and also help them to gain knowledge and skills in subjects beyond the course, to make the students ready for the

current global job market and mould them to skilled professionals. 7. So the institution helps to produce creative and technically strong engineers. We believe that we provide best technical education coupled with leadership and professional skills to empower learners. 8. The institute promotes research and development for the faculty and students. Some projects are identified and the college sponsors them to encourage their zeal towards research. Often the students come up with innovative ideas for startup which are funded by the Management. The student's publications in Journals are also support by the Institute Management to boost their moral. For upgrading faculty skills the institution encourages them for PhD, research, seminars, conferences and paid leaves are provided. Publication of articles and papers are supported by the Institute Management. This has resulted in good number of publications, to direct the institute to achieve its goal and to become a centre of excellence. The college also creates an enabling environment to foster research culture. 9. The institution organizes different activities to enhance the students' personality. Students are trained and groomed to enhance their Employability skills by imparting technical training, Soft skill.

Provide the weblink of the institution
https://selvamtech.edu.in/

8.Future Plans of Actions for Next Academic Year

Academic: Increasing the pass percentage of students and increasing the percentage of students aspiring for higher studies by taking competitive examinations such as GATE, TANCET, TOFEL, etc. Making faculties to register for PhD by providing motivation and on duty facilities. Cocurricular activities: Making the students to update their knowledge to the current technological advancements by organizing seminars, workshops and value added courses in our college itself. Motivating the students to participate in seminars, workshops, etc organized by other institutions by providing on duty. Research: ? Carrying out Collaborative research project with Combat Vehicles Research and Development Establishment, DRDO, Government of India. ? Increasing the Collaborative activities with the existing Professional societies such as IEI, ISTE, etc ? publication of more research articles in Scopus and SCI Journals ? Activating the Selvam Hackathon Cell among the students for research, Innovation and product development ? Improving the Technical Skill of the Students through the AICTE sponsored Skill Development Center. IndustryInstitute Interaction: ? Through industryInstitute interaction we are providing companyspecific training for the students. ? The training includes the modules such as ? Orientation ? Technical skills development ? Soft skill development ? We are furnishing the students communication skill by training them for perfection in LSWR. (LSWR Listening, Speaking, Writing and Reading). ? To make the students recognize the three criteria of core competencies such as ? Providing potential access to a wide variety of markets ? Should make a significant contribution to the perceived customer benefits of the end product ? Difficult to imitate by competitors ? To make the students fulfill the expectation of today's competitive industry through Career Development Training. ? We bring industry people to our institution every week and we make them to interact with the students for creating awareness about the expectation of current industry and corporate world. They also coach them in ? Career Planning amp Mapping ? Personality Development ? Time Management. Mock interviews are conducted for the students by our successful alumini which helps to analyze the students' strength and weakness. Accreditation: ? Getting A grade in the second cycle NAAC accreditation in the year 2021. ? For getting NBA the preliminary documentation works were started. Planned to proceed the same.