



Yearly Status Report - 2017-2018

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	VELAMMAL INSTITUTE OF TECHNOLOGY
Name of the head of the Institution	Dr .T .CHANDRASHEKAR
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04422446300
Mobile no.	9677127076
Registered Email	principal@velammalitech.edu.in
Alternate Email	iqac@velammalitech.edu.in
Address	Velammal Knowledge Park, Chennai - Kolkata High Way
City/Town	Panchetti, Chennai
State/UT	Tamil Nadu
Pincode	601204

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Dr.M. SUCHITRA
Phone no/Alternate Phone no.	04422446300
Mobile no.	9841607498
Registered Email	principal@velammalitech.edu.in
Alternate Email	iqac@velammalitech.edu.in

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	https://velammalitech.edu.in/aqar/
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://velammalitech.edu.in/wp-content/uploads/2022/03/Academic_Calendar_2017-2018.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.57	2017	22-Feb-2017	21-Feb-2022

6. Date of Establishment of IQAC	14-Sep-2015
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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
Quality initiatives by	29-Jun-2017	20

IQAC during the year for promoting quality culture	2	
Regular meeting of Internal Quality Assurance Cell	22-Aug-2017 2	20
Academic Audit	30-Aug-2017 3	100

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8. Provide the list of funds 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
MECH	CARS	Combat Vehicles Research and Development Establishment (CVRDE)	2017 5	1124599
Students Research Projects (other than compulsory by the College)	TNSCST	TNSCST	2018 5	10000
ISTE FDP	ISTE	ISTE	2018 5	300000

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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View Link](#)

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

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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)

? IQAC of Velammal Institute of Technology has been actively involved in maintaining quality within the institution. As part of routine activity, IQAC conducted periodical meetings with department IQAC representatives to disseminate information on their roles and responsibilities towards IQAC. ? Value added certificate courses (NPTEL / online) Preplacement training programmes were conducted to enhance the level of placement. Also Content Beyond Syllabus (CBS) in both theory and Lab is planned and conducted for all courses in the 5 UG programs. ? Motivational and Career guidance training Programmes were offered to strengthen the confidence level of students to pursue their higher studies and for better placement. ? The Academic audits were conducted for odd and even semesters. ? IQAC encourages students to take part in technical and creative activities besides the classroom Teaching and laboratory practices by making them involved in: i. Collaborative undertakings with industries through industrial projects, industrial visits and inplant trainings, internship etc. ii. Activities like seminar, conference, symposium, Professional Society activities, Club Activities Different events related to Sports/NSS/YRC/NCC iii. Publishing their innovative research ideas in referred journals

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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
Organize National / International Conference	A National conference organized for CSE/IT stream on 14th March, 2018 and International level conference for ECE/EEE/MECH stream on 21st March, 2018.
Industry-Academia collaboration.	MoU signed with organization; • Cloud Bull for Cloud App. Development Incubation Centre • Infoziant • National Instruments, Bangalore • Intelligence quality • AVIAN Aerospace • AMOGAA.
Academic excellence	Achieved Second rank in Anna University Examinations among 497 colleges.
NIRF Registration	Data collection consolidation and updating the institute details for NIRF ranking.
Academic Audit	Authentication of Teaching and Learning process based on Curriculum planning and to ensure that the learning objective is met.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Council	17-Jun-2017
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	2018
Date of Submission	21-Feb-2018
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	Yes, the Institute is well equipped with an information system which takes care of various activities like admission, attendance, office management, accounts and student grievance redressal. Furthermore, we have Activity Planning Schedule (APS) which is very active in the institution and all activities from various programs are planned well in advance and informed to all the staff members and management.

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

? As a Anna University affiliated institute, as per given university academic schedule and curriculum, Subject allotment will be done based on competency matrix, experience and performance in previous years. ? Framing time table by considering placement training, seminar and library hours. ? Lesson plans, lecture notes, question banks and lab manuals are circulated well in advance to each and every student. ? Monitoring of course delivery and syllabus completion through formal and informal feedback. ? Log books are maintained by each faculty member and are checked regularly by the Head of the Department for effective implementation. ? Internal Assessment review meetings are conducted after every internal assessment in order to discuss the performance of the students. ? Systematic examination process, standard question papers, validation of answer scripts by class advisors and dispatch of reports to parents. ? In order to provide personal attention to the students, two faculties are allotted separately for Laboratory classes. ? Guest lectures, Industrial visits and training programs are orchestrated to offer good exposure to students.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Infosys Campus Connect	NIL	19/06/2017	5	Employability	Yes
Infosys Campus Connect	NIL	29/11/2017	5	Employability	Yes
TECHNICAL TRAINING ON C,C JAVA	NIL	23/11/2017	5	Employability	Yes
TECHNICAL TRAINING ON C,C JAVA	NIL	04/01/2018	5	Employability	Yes
TECHNICAL TRAINING ON C, JAVA DATA STRUCTURE	NIL	17/07/2017	5	Employability	Yes
Simulation Training	NIL	24/07/2017	5	Employability	Yes
Training on Basic LabVIEW Development System	NIL	06/02/2018	5	Employability	Yes
3D Modeling and Drafting	NIL	29/11/2017	5	Employability	Yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	nil	Nil
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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	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	CSE	01/06/2017
BE	ECE	01/06/2017
BE	EEE	01/06/2017
BE	MECH	01/06/2017
BTech	IT	01/06/2017

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

Certificate	Diploma Course

Number of Students

208

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
Workshop on 'Raspberry PI internals concepts, Interfacing and peripheral programming'	19/06/2017	86
Guest lecture on 'Electronics for societal applications'	26/09/2017	89
Workshop on programming languages.	29/11/2017	87
Training on Industrial Robotics Programme	07/12/2018	81
Workshop on programming Data Structures	11/12/2017	85
Two days workshop on Internet Of Things (IOT)	21/12/2017	47
Training on Basic LabVIEW Development System	06/02/2018	40
Engineering Solutions to Pollution control	07/02/2018	86
Technical training (Internal staff, Data Structures, Java)	22/08/2017	51
Awareness program on "Entrepreneurship"	31/01/2018	131
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	CSE/ECE/EEE/IT/MECH	162
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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

Feedback Analysis and Reward / Corrective Measures Taken Feedback has a positive influence on the teaching process. Our college follows the system of collecting feedback from students. The following methods are used. 1. CCM's 2. Online Feedback and 3. DRM's Through this feedback system students' requirements are fulfilled. It also helps in improving the teaching process of the faculty which results in the improvement in learning. Feedback is collected for all the Courses. Class Committee Meetings Class Committee Meetings are scheduled and executed effectively by the institution to know the problems faced by the students in academics and non-academics. The Class Committee members consists of Principal, HOD, Class Advisor and all the course handling in charges along with six student representatives (includes Hosteller, Day Scholar, Tamil/Regional medium students and one student coming by private bus)for each class. The Principal will be the Chairperson of the committee. Class committee meetings will be conducted twice per semester. The reports of the Class Committee Meetings are reviewed by the Head of the concerned department and the Principal. Corrective measures are taken within a weak time. The purpose of a Class Committee is • To ensure that all the co-curricular and extra-curricular activities are carried out smoothly. • To keep track of the progress of the course and the assessment tools employed by the teacher for effective teaching and evaluation. • To enable students to provide feedback regarding the teaching-learning process, internal assessments etc. • Online feedback The online feedback is collected twice in a semester. It is taken from all the students of each class at a stipulated time for each course. The online feedback consists a set of 14 common questions for all the courses. Each question will have a 5 point scale for which the students can rate the concerned subject teacher. The score for all the questions are consolidated and analyzed by HoD and Principal. Principal will appreciate the faculties who have scored more than 3.5 points (70). Suitable counselling/instructions are given for those who secured less than 3.5 points. The consolidated feedback details will also be discussed in Department Review meeting by the Principal. The participation of the students in online feedback is 100. Department Review Meeting (DRM) After every Internal Assessment DRM will be conducted. The meeting will focus on the progress of each class in the assessments conducted. It focuses on the performance of the faculty in their respective courses. The marks secured by the individual staff for the online feedback are given by the Principal in the meeting and the same is discussed to improve the qualitative process. Course End survey are collected from the faculty about the student's performance, and their course difficulties. Based on the feedback, students are called by the Principal for counselling. Corrective Measures Taken for the Feedback • The feedbacks collected from all the students are analysed by HoD, Principal and the same is discussed with the concerned faculty. • The contents of the feedback will be shared with the concerned

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	IT	60	90	51
BE	MECH	120	190	112
BE	EEE	60	80	50
BE	ECE	120	210	102
BE	CSE	120	200	115

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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 (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	1528	0	115	0	115

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 Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
115	105	20	11	10	8

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

Yes, in Velammal Institute of Technology, utmost care and meticulous mentoring is followed to improve the quality of students life through proper counselling and career guidance. Mentoring is sharing knowledge, skills and life experiences to guide another, in general towards reaching their full potential. Similarly Mentoring System in our institution is a positive and supportive relationship for encouraging students to develop to their fullest potential. A mentor can be a role model, coach, sounding board, voice of reason, counsellor and a trusted resource. Mentors care and assure their mentee that they are not alone in dealing with day-to-day challenges. Quality mentoring has powerful positive effects on students in a variety of personal, academic and professional situations. Ultimately, mentoring connects students to attain personal growth and development in the challenging social and economic opportunity. Our Institution is working towards enhancing the institutional culture to better serve the needs of an ever-changing and dynamic learning community. Effective mentoring begins with the faculty. When it comes to academic success and persistence, there is no substitute for a healthy relationship between faculty and students than mentoring. . Academic Mentoring Process An effective student mentoring system has already been implemented in our college. All the students of the college are coming under this system from the date of joining the institution. Mentor Book has been distributed to all the Mentors of the college. Each mentor is allocated with 20-25 students under the mentoring system. A complete track of the student activities like academic, curricular, co-curricular, extracurricular achievements, social activities and the details of parent meetings are entered in the Mentor Book. Every third day, after the completion of Internal Assessment (IA), Mentors will have a meeting with the students and all their activities are discussed and noted in the Mentor Book. For helping Mentees (students), who require additional help and guidance, the mentor may hold discussions with them more frequently with utmost care as the situation demands. The mentor documents the discussion held with his or her ward for future reference. The mentor will perform the following functions:

- Continuously counselling, guiding and motivating the students in all the academic and non-academic matters.
- Contact parents/guardians, if situation demands. For instance academic irregularities, negative behavioral change.
- Advise students in their career development/professional guidance.
- Intimate HOD and suggest if any administrative action is called for.
- Maintain a detailed progressive record of the student
- The Mentor is responsible for filling in the details of marks for each assessment and other relevant information like attendance, discipline, strength and weakness about the student in the Mentor Register and to ensure that the record is sent to the parents for conveying the progress and getting acknowledgement.
- If any difficulty faced by the student in a particular subject, the mentor seeks the help of the concerned subject teacher for sparing extra time and personal attention for the student.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
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1528

115

1:13

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
10	10	0	10	18

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
2017	Mr. K. Balachandar	Associate Professor	BRONZE Infosys Campus Connect
2017	Ms.Aiswaraya	Assistant Professor	BRONZE Infosys Campus Connect
2017	Ms. Pranamita Nanda	Associate Professor	BRONZE Infosys Campus Connect
2017	Dr.B.Murugeswari	Professor	Technical Committee International Conference
2017	Dr.B.Murugeswari	Professor	Session Chair for paper presentation

[View Uploaded File](#)**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	104	Semester	07/12/2017	25/04/2018
BE	105	Semester	07/12/2017	25/04/2018
BE	106	Semester	07/12/2017	25/04/2018
BE	114	Semester	07/12/2017	25/04/2018
BTech	205	Semester	07/12/2017	25/04/2018

[View Uploaded File](#)**2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)**

Academic calendar prepared and adhered for conduct of Examination and other related matters Adherence to Academic Calendar: Before the Commencement of every semester, the Anna University will circulate the Academic Schedule which contains schedule of classes, Practical examination, end semester examination and last working day. Based on the Anna University Academic Schedule, the institute will prepare the Academic Schedule for the semester with the Institute level schedules like Internal Assessments, Retest, Value added programs, Placement training, Department Review Meetings, Class Committee

Meetings and Academic Audits etc., Institute Academic Schedule Odd Semester(2016-17) The academic calendar prepared by the institution is adhered meticulously such that all the activities planned before the commencement of the semester were followed/implemented to 100 The department will prepare the Department Academic Schedule for the semester by considering the Institute Academic Schedule with the following details. Industrial Visits Guest Lectures Value Added Programs Professional Society Activities etc.

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

Adherence to Academic Calendar: Before the Commencement of every semester, the Anna University will circulate the Academic Schedule which contains schedule of classes, Practical examination, end semester examination and last working day. Based on the Anna University Academic Schedule, the institute will prepare the Academic Schedule for the semester with the Institute level schedules like Internal Assessments, Retest, Value added programs, Placement training, Department Review Meetings, Class Committee Meetings and Academic Audits etc., The academic calendar prepared by the institution is adhered meticulously such that all the activities planned before the commencement of the semester were followed/implemented to 100 The department will prepare the Department Academic Schedule for the semester by considering the Institute Academic Schedule with the following details. Industrial Visits Guest Lectures Value Added Programs Professional Society Activities etc

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)

<http://velammalitech.edu.in/cse-about-the-department/>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
104	BE	Computer Science and Engineering	131	127	96.9
106	BE	Electronics and Communication Engineering	114	108	94.73
105	BE	Electrical and Electronics Engineering	63	53	84.12
114	BE	Mechanical Engineering	174	166	95.4
205	BE	Information Technology	51	48	94.12

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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://velammalitech.edu.in/>

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	5	CVRDE	11.25	11.25
Students Research Projects (Other than compulsory by the University)	6	TNSCST	0.1	0.1
Any Other (Specify)	6	ISTE	3	3

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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
Workshop on 'Raspberry PI internals concepts, Interfacing and peripheral programming'	ECE	21/06/2017
Workshop on 'Plagiarism Softwares'	ECE	22/08/2017
Guest lecture on 'Electronics for societal applications'	ECE	26/09/2017
Workshop on programming languages.	ECE	29/11/2017
Training on Industrial Robotics Programme	ECE	07/12/2017
Workshop on programming Data Structures	ECE	11/12/2017
Two days workshop on Internet Of Things (IOT)	ECE	21/12/2017
Seminar on 'Electronics in BHEL'	ECE	28/12/2017
Seminar on 'Efficient Project management'	ECE	23/01/2018
Seminar on 'IC Fabrication Circuit Design'	ECE	30/01/2018

Training on Basic LabVIEW Development System	ECE	06/02/2018
Engineering Solutions to Pollution control.	ECE	07/02/2018
Contest on Marketing Ideas.	ECE	23/02/2018
Webinar on 'RTL Design and Functional Verification'.	ECE	09/03/2018
National Conference on 'Global warming, Green Energy and Environmental Pollution'	ECE	09/03/2018
International Conference ICACT-18	All Departments	17/03/2018
Guest Lecture on " Design of Salient Pole Rotor, Damper Winding of an Alternator"	EEE	05/03/2018
Guest Lecture on " Digital Signal Processing and Discrete Fourier Transform	EEE	12/02/2018
Guest Lecture on "Linear Integrated Circuits - 555 Timer and PLL IC"	EEE	22/08/2017
Guest Lecture on "SMPS Topologies and Resonant Converter Space Vector Modulation"	EEE	18/08/2017
Binary classification and decision tree modeling /Guest Lecture	IT	05/09/2017
Application dependent optimization of compiler /Guest Lecture	IT	17/07/2017
Machine learning using R-Studio /Workshop	IT	05/02/2018
Data analytics (Tableau)/Workshop	IT	03/01/2018
Cyber Security, Ethical hacking /Workshop	IT	03/02/2018
Seminar on Power Plant Engineering	MECH	21/05/2018
International Conference on automation and Computing technologies (ICACT-18)	MECH	17/03/2018
Design Contest	MECH	27/02/2017
Guest Lecture on	CSE	26/09/2017

Heuristic Approach, Query Optimization (DBMS)		
One day Workshop on Robotics - Machine Learning	CSE	08/12/2017
Guest Lecture on Knapsack Problem, Divide and Conquer methodology	CSE	23/02/2018
Guest Lecture on IP addressing	CSE	27/02/2018
Guest Lecture on Developing Mobile Applications	CSE	21/02/2018
Guest Lecture on Lexical Analysis	CSE	05/03/2018
Conference - National Conference on Emerging Trends in Data Science and Technology(NCETDST18)	CSE	14/03/2018
AICTE-ISTE Induction/Refresher Programme	CSE	07/03/2018
Guest Lecture on 'IC Fabrication Technology	ECE	27/02/2018
Guest lecture on 'Electronics for societal applications'	ECE	26/09/2017
Seminar on "Research on Avionics in DRDO"	ECE	17/03/2018
Engineering Solutions to Pollution control	ECE	07/02/2018
Expert talk on "Opportunities in VLSI Design"	ECE	28/07/2017
Seminar on 'Electronics in BHEL'	ECE	28/12/2017
Training on Basic of MatLab in Signal Processing and Image Processing Python for Beginners	ECE	21/06/2017
Guest Lecture on Digital Transformation	ECE	09/01/2018
Guest Lecture Electronic Devices and circuits	ECE	09/01/2018

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
Project Display	Ahalya Krishnan. B.S,	Gokula Krishna College	08/03/2018	III rd Prize - Students

	Vigneshwar, Kuralarasu N, Lokesh P.	Of Engineering, S.P.S.R Nellore		Category
Extronics	J.Abilesh Priyadharshan	Prathyusha Engineering College	07/03/2018	I Prize-Student Category
Debugging	P.Priyanga, V. Priya Dharshini	TJS Engineering College	06/03/2018	II nd Prize - Students Category
Model Expo	Vanjinatha Prabu T	Chennai Institute Of Technology	02/03/2018	II nd Prize-Student Category
Google Hunt	Jayakrishna.Th	Chennai Institute Of Technology	02/03/2018	II nd Prize-Student Category
Quadcopters	Mukesh.R	Annai Vailankanni College Of Engineering	01/02/2018	Ist Prize-Student Category
Project Expo Thiruvallur district level Skill Summit 2017	Gunapriya.S, Archana.B, Sowmiya.S Rachana D	Sri Nallalaghu Nadar Polytechnic College	11/10/2017	First Prize
The Big Idea	Prasanna Kumar V	Cognizant Technology Solutions Ltd	22/09/2017	Participation
Project World Youth Federation Dr. Kalam Young Achiever Award	L. Sundar L.Yogeshwaran P. Kawshik B.Adithya Nanda (III Year)	Anna University	15/10/2017	Young Achiever award
Industry Defined Problems	M .K. Kirankumar C. B. Hariharan (III Year)	Bannari Amman Institute of Technology, Erode	07/09/2017	First Place
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nil
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

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

Name of the Department	Number of PhD's Awarded

NOT APPLICABLE

0

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)
International	EEE	8	2
International	ECE	20	2
International	IT	5	2
International	CSE	8	2
International	MECH	25	2

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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
EEE	8
ECE	16
IT	7
CSE	7
MECH	32

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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
Hearing Aid Speech Signal Enhancement via N-Parallel FIR Multiplying Polynomials for Tamil Language Dialect Syllable Ripple and Transition Variation.	Mr. G.Sh anmugaraj	Cluster Computing	2018	63	Velammal Institute of Technology	1
Design of cost efficient virtual filter using Labview	Mr. G.Sh anmugaraj	International Journal of Research	2018	109	Velammal Institute of Technology	0

platform						
Domotics using Labview	Mr.G.Shanmugaraj	International Journal of Research	2018	109	Velammal Institute of Technology	0
An Enhanced Performance for H.265/SHVC based on Combined AEGBM3D Filter and Back-propagation Neural Network	Mr.L.Balaji	Signal, Image and Video Processing.	2018	48	Velammal Institute of Technology	8
An Improved Relevance Vector Machine with Meta heuristic Optimization based Vegetation Classification using Worldview-2 Satellite Images	Mrs. S.Manju	TAGA Journal of Graphics Technology	2018	8	Velammal Institute of Technology	0
Dispersion Estimation and Compensation Using FRFT and LMS Adaptive methods for Reliable Optical Communication	Mrs.T.Kamalam	International Journal for Research in Engineering Application and Management (IJREAM)	2018	11	Velammal Institute of Technology	0
A dual band MIMO slot antenna for WLAN applications	Mr.S.Ilayaraja	International Journal of Latest Trends in Engineering and Technology.	2018	22	Velammal Institute of Technology	0

Hybrid Index Modeling Model for MIMO System with Ml Sub	Mr.M.Day anidhy	IOSR Journal of Engineering (IOSRJEN)	2018	17	Velammal Institute of Technology	0
A Unitary Pre-coder for Optimizing Spectrum and PAPR Characteristics of SC-FDMA Signal	Mr.M.Day anidhy	IOSR Journal of Engineering (IOSRJEN)	2018	17	Velammal Institute of Technology	0
Support Vector Machine based Image Classification for Deaf and Mute People	Mr.J.Jijin Godwin	International Journal of Advanced Engineering Research and Science (IJAERS)	2018	6	Velammal Institute of Technology	0
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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
A dual band MIMO slot antenna for WLAN applications	Mr.S.Ilayaraja	International Journal of Latest Trends in Engineering and Technology.	2018	22	0	Velammal Institute of Technology
Hybrid Index Modeling Model for MIMO System with Ml Sub	Mr.M.Day anidhy	IOSR Journal of Engineering (IOSRJEN)	2018	17	0	Velammal Institute of Technology
A Unitary Pre-coder for	Mr.M.Day anidhy	IOSR Journal of Engineering	2018	17	0	Velammal Institute of Technology

Optimizing Spectrum and PAPR Characteristics of SC-FDMA Signal		(IOSRJEN)				
Support Vector Machine based Image Classification for Deaf and Mute People	Mr.J.Jijin Godwin	International Journal of Advanced Engineering Research and Science (IJAERS)	2018	6	0	Velammal Institute of Technology
Hearing Aid Speech Signal Enhancement via N-Parallel FIR Multiplying Polynomials for Tamil Language Dialect Syllable Ripple and Transition Variation.	Mr. G.Sh anmugaraj	Cluster Computing	2018	63	1	Velammal Institute of Technology
Design of cost efficient virtual filter using Labview platform	Mr. G.Sh anmugaraj	International Journal of Research	2018	109	0	Velammal Institute of Technology
Domotics using Labview	Mr.G.Sh anmugaraj	International Journal of Research	2018	109	0	Velammal Institute of Technology
An Enhanced Performance for H.265/SHVC based on Combined AEGBM3D Filter and Back-propagation Neural	Mr.L.Bal aji	Signal, Image and Video Processing.	2018	48	8	Velammal Institute of Technology

Network						
An Improved Relevance Vector Machine with Meta heuristic Optimization based Vegetation Classification using Worldview-2 Satellite Images	Mrs. S.Manju	TAGA Journal of Graphics Technology	2018	8	0	Velammal Institute of Technology
Dispersion Estimation and Compensation Using FRFT and LMS Adaptive methods for Reliable Optical Communication	Mrs.T.Kamalam	International Journal for Research in Engineering Application and Management (IJREAM)	2018	11	0	Velammal Institute of Technology
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	1	49	8	0
Presented papers	70	6	0	7
Resource persons	1	1	3	9
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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
Blood Donation	NCC	3	5
Tree plantation	NSS	3	18
Blood Donation camp	YRC	5	220

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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
NIL	NIL	NIL	0

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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 activities	Number of students participated in such activities
Gender Issue	Women Empowerment Cell	Awareness Program on Girl Child and woman Safety	5	55
Gender Issue	Women Empowerment Cell	Seminar on Gender Equality and Empowerment of Women and Girls	10	65
Gender Issue	ED Cell	Seminar on How to become Women Entrepreneur	10	50

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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
Research Activity - Paper Publication on Hybrid Index Modeling Model for MIMO System with M1 Sub	M. Dayanidhi-Velammal Institute of Technology, Dr. V. Jawahar Senthil Kumar-College of Engineering, Anna University	Self Support	5
Research Activity - Paper Publication on Hearing Aid Speech Signal Enhancement via N-Parallel FIR Multiplying Polynomials for Tamil Language Dialect Syllable Ripple and Transition Variation.	Mr. G. Shanmugaraj-Velammal Institute of Technology, Mrs. N. Kalaiarasi-RMK college of Engineering	Self Support	5

An Enhanced Performance for H.265/SHVC based on Combined AEGBM3D Filter and Back-propagation Neural Network	Mr.L.Balaji-Velammal Institute of Technology, Mr.K .K.Thyagarajan-RMD Engineering College	Self Support	5
Research Activity - Paper Publication on An Improved Relevance Vector Machine with Meta heuristic Optimization based Vegetation Classification using Worldview-2 Satellite Images	Mrs.S.Manju-Velammal Institute of Technology, Mr.N .Venkateswaran-SSN College of Engineering	Self Support	5
Research Activity - Paper Publication on Manifold Scalable Video Conveyance for m-Wellbeing Crisis Relevance	Mr.L.Balaji-Velammal Institute of Technology, Mr.K .K.Thyagarajan-RMD Engineering College	Self Support	5
Research Activity - Paper Publication on A Variance Distortion Rate Control Scheme for Combined Spatial-Temporal Scalable Video Coding	Mr.L.Balaji-Velammal Institute of Technology, A.Dh analakshmi-Panimalar Engineering College, Mr.C.Chellaswamy-Rajalakshmi Institute of Technology	Self Support	5
Research Activity - Paper Publication on Design and implementation of PIC/FLC plus smc for positive output elementary super lift luo converter working in discontinuous conduction mode	Muthukaruppasamy, S Velammal Institute of Technology, Abudhahir, A. B S Abdur Rahman University, Gnana Saravanan, A., Gnavadivel, J Mepco Schlenk Engineering College, Duraipandy, P.	Self Support	5
Research Activity - Paper Publication on Position with Force Feedback Control of Manipulator Arm	B.K.Chitra Velammal Engineering College, Dr. K.Rajeswari Velammal Institute of Technology, Mr.J.Nandhagopal	Self Support	5

	Velammal Institute of Technology,		
Research Activity - Paper Publication on Modeling of Solar PV System for DC-DC Converter with improved Voltage Stability using Hybrid - Optimization Techniques	P Vivek, Velammal Institute of Technology, N B Muthuselvan SSN College of Engineering, J Nanadhagopal Velammal Institute of Technology	Self Support	5
Patent Received	Dr.B.Murugeshwari - Velammal Institute of Technology	An Innovative computerized Braille language	5
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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 /research lab with contact details	Duration From	Duration To	Participant
INPLANT TRAINING	On job Training	HCL	08/06/2017	09/06/2017	ADHITHYA
INPLANT TRAINING	On job Training	CODE BIND TECHNOLOGIES	30/11/2017	04/12/2017	PADMAJA
INPLANT TRAINING IN PLANT TRAINING	On job Training	KAASHIV INFOTECH	27/11/2017	31/12/2017	M POOJA
INPLANT TRAINING	On job Training	BSNL	27/11/2017	01/12/2017	A ALINE GRATIA
INPLANT TRAINING	On job Training	HP ENTERPRISE	08/06/2017	09/06/2017	N YUGA
INPLANT TRAINING	On job Training	Transenergy limited	04/12/2017	05/12/2017	S.Tharanee Shree
Internship internship	On job Training	Geekays Engineering Works	15/05/2018	29/05/2018	Jithesh Kumar
Internship	On job Training	Magic Buliding Contracting LLC	30/11/2017	08/12/2017	Santhosh kumar S P
In-plant Training	On job Training	North Chennai Thermal Power station	11/12/2017	15/12/2017	Prasanth K

In-plant Training	On job Training	Bharath Heavy Electricals Limited	12/06/2017	17/06/2017	Mani Kandan A K
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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
CADD centre	13/02/2018	To train students on CADD modeling technologies	80
Intelligence quality	21/03/2018	Workshop, Value Added Courses and Training	72
EDS technologies	19/07/2017	Workshop, Value Added Courses and Training	56
Infozient system	22/02/2018	Industry Institute Interaction	36
Amogaa	27/07/2017	Project and Training	131
Live wire	28/11/2017	Training	147
Infosys campus connect	18/01/2018	Industry Institute Interaction	16
Cloud bull	22/01/2018	To train students on Microsoft Dynamics software products and Technologies	14
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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
875	849.79

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing

Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
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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 partially)	Version	Year of automation
Autolib	Fully	5	2008

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	15736	6031869	1215	640799	16951	6672668
Reference Books	1691	544227	362	143170	2053	687397
e-Books	0	0	0	0	0	0
e-Journals	0	0	92	226880	92	226880
Digital Database	30	0	0	0	30	0
CD & Video	927	0	0	0	927	0
Library Automation	1	177000	0	0	1	177000
Weeding (hard & soft)	0	0	0	0	0	0
Others (specify)	10	0	0	0	10	0
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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	Platform on which module is developed	Date of launching e-content
S.ILAIYARAJA	DSP Notes	Play store	14/03/2018
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	556	8	15	17	485	12	37	32	0
Added	75	1	0	0	75	0	0	68	0
Total	631	9	15	17	560	12	37	100	0

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

100 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
No Data Entered/Not Applicable !!!	

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 incurred on maintenance of physical facilities
50	38.96	400	388.36

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)

Velammal Institute of Technology has a dedicated systems and procedures for maintaining and utilizing physical infrastructure like classrooms, administrative buildings, laboratories, sports facilities and other physical assets including the services like water supply and electric supply. House Keeping: The physical facilities such as Laboratories, Classrooms, Library and Sports Complex are maintained by House Keeping under the supervision of Nonteaching Staff / Floor Supervisors. Utilization of the classrooms is facilitated to the students in working days and it is also made available to the other governmental / nongovernmental organizations for conducting exams during Vacations and holidays. The masonry and plumbing works are carried out with local skilled persons and the expenditure are incurred from Maintenance. The daily activities of House Keeping are 1. Checking water availability in Toilets every hour 2. Checking Drinking water availability every day 3. Cleaning Class Rooms, Labs, Veranda, Office Room, Staff Rooms 4. Cleaning of Toilets every day 5. Cleaning the campus every week 6. Checking Furniture's in Class Rooms and Office every month 7. Checking Building cracks throughout the campus 8. Checking Electrical, Plumbing, Waterline and Sewage line every month Complaint on maintenance can be lodged through complaint box manually. Usage of central facilities like seminar halls and auditorium is controlled by the Principal's Office. Computers: The college has an adequate computer with high speed internet connections and softwares, distributed in different locales like departments laboratories, library and office. Computers are maintained by lab assistants and college level system administrator. Each laboratory has an

assistant, who ensures proper usage of the computers and hazardous equipment's are handled with care. Lab equipment's are serviced by manufacturers and service personnel during summer and winter vacations. Library: The working hours of the library is from 8.30 a.m to 7.00 p.m on working days and from 9:00 a.m to 4.00 p.m. on holidays. Maintenance activities are made periodically to keep library clean. The activities like preservation of books from insects, dusts and shelving of reading materials promptly on regular basis by the Library Staffs. Sports Complex/ Activities: Through best practices, the students outshine in the field of sports. Ample space of infrastructure is provided for sports with good running track and Courts for indoor sports activities. The play field are maintained by physical education department and the field equipment like post, umpire stand, score boards are also maintained by them regularly. The college uses housekeeping staffs to keep the play field clean and condition during the tournaments and sports day celebrations. Power Supply and Electrical Maintenance: Power supply is maintained by regular staff through proper system captive gensets as backup for 24hours. A Power generator (with capacity 320KVA) is installed in the campus to handle the occasional power shut down. Garden Maintenance: Tree plantation and garden maintenance are done by the gardener appointed by the Institute. NSS, NCC, YRC maintain certain areas of the college clean for planting Saplings.

<https://velammalitech.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	Nil	0	0
Financial Support from Other Sources			
a) National	SC/ST,FG,BC /MBC Scholarship	857	12459650
b)International	NIL	0	0

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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
Aptitude training(CSE)	03/03/2018	131	Silicon Technology Solutions, Chennai
Soft skill training(ECE)	08/03/2018	113	LEARN VEL
Aptitude refresh program(ECE)	18/08/2017	113	Ethnus training Center
Company specific training(EEE)	06/09/2017	32	FACE Academy
Infosys Campus Connect(MECH)	14/12/2017	117	M/s Infosys
Aptitude Training	03/03/2018	117	Mr.Eldo Ranjith

By Eldo Ranjith(MECH)			
Six Phrase Technical Training Program(MECH)	25/06/2018	117	Six Phrase Training
Communication Training(IT)	22/09/2017	51	Internal staff from English department
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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 passed in the comp. exam	Number of students placed
2017	Career Training Process(Soft skill) for CSE	0	83	0	72
2017	Higher Education programme and Career Training(Soft skill) for ECE	4	79	4	75
2017	Career Training Process(Soft skill) for EEE	0	32	0	26
2018	Career Training Process(Soft skill) for IT	0	37	0	37
2018	GATE and TANCET for MECH	2	2	2	2
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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
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Coda Global, Zoho Corporation, Sirius Computer Solutions, Maveric Systems, Amazon India, Embed UR Systems, Amphisoft Technologies, VVDN, SMACAR Solutions, Vernalis, Urjanet, Solartis, TVS Sundaram Clayton, Scientific Games, Wipro Technologies, Infosy	351	291	Telliant Systems, Kelly Service India PVT LTD, Cognitive Platform Solutions PVT Ltd, iGrid Consulting Solutions PVT Ltd, AVL India Pvt Ltd, Radian Design, Layam Group, Buzz Works, Sodexo, EzhilJothi Safety Enterprises, Renault Nissan Automotive India	70	23
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	4	B.E.	CSE	Madras Institute of Technology, Chennai. Birla Institute of Technology Science, Pilani, Dubai Campus, Dubai. Institute of Technology. Carlow, SSN College of Engineering, Chennai	M.E(Computer Science and Engineering(SS)), M.E(Software Systems), Master of Science (Data Science), M.E(Computer Science and Engineering

2018	10	B.E.	ECE, EEE	PSG College of Technology, Coimbatore. Anna University, Chennai. Cornell University, New York University of Glasgow, UK St. Lawrence College, Canada, The University of Western Australia, Australia. Birla Inst	M.E ,M.E,M.S,M.S & M.Eng
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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
GATE	1
GRE	0
TOFEL	0
Any Other	2

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

Activity	Level	Number of Participants
Table Tennis	Institution level	2
4100M Relay	Institution level	3
Volley Ball	Institution level	1
Chess	Institution level	2

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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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	Anna University, Zonal Winners Hockey	National	4	Nil	11331510 6108 11331 5106053 11 3315106045 1133161060 73	1.Vignesh B 2. Mohanned Riyaz S 3.Kural

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

In Velammal Institute of Technology, students will be given the opportunity to involve and administer various activities and events, which helps them to develop their leadership skills, event management skills and Team Player skills. Two students are appointed as representatives in each class. They play vital role in all department activities. They are responsible to represent student's academic needs as well as extra-curricular needs. Students will be appointed as overall Captains for departments. They are responsible for identifying sports skills from the students and coordinate with them to participate in the sports day event of the Institution. For placement activities, the entire class will be divided into teams. Each team will have 3 to 4 students. Among them, one student is appointed as team leader who will guide the team to prepare for the placement tests. Two students in a class will be appointed as student placement coordinator for their class. They will be responsible to coordinate placement process with Training Placement Cell and constant meetings are held with the students and some points

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Nil

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)

All the departments and committees of our college are decentralized and they run effectively under the guidance of our Management, Advisors and Principal. Vice Principal takes care of all the academic related works and ensure the smooth functioning of all the areas. Principal overviews all the academics and administration of the college and he is the authority to take decisions along with the management. We have a very good practice of participative management. At the institution level, the college listens to the voices from the students and faculty members through proper channels and equal importance is given to everyone and all their queries are properly addressed in the due course of time. All the events and activities in our college are organized by various departments forming several committees consist of faculty and non-teaching staff members. The best two decentralized practices to be highlighted in the college are Mentoring Process: The decentralization of mentoring process makes

the system to run smoothly without any glitch. Each mentor attends their mentors frequently and meeting will be conducted consistently to know the requirements and support of the mentees. Parents are also called for discussion regarding the mentees' academic and other extracurricular performances. All the necessary supports are provided to the needy and all their grievances are attended. Placement Process: The Placement and Training department is decentralized to have active communication with the companies visiting for recruiting the students. The entire department runs in single window with transparency for the benefit of students. Along with the Placement Officer, Department Placement Officers are deputed to address and cater the needs of the students. Centralized training is provided to all the students along with the necessary help till they get their desired placement

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	<p>Process used to identify extent of Compliance of University Curriculum for attaining POs and PSOs: process used to identify the extent of compliance of the university curriculum is followed.</p> <ol style="list-style-type: none"> 1.The Course Outcomes are formulated by the course in charges, course coordinator, Module coordinator and Head of the department by considering the university curriculum with appropriate knowledge level. 2. The feedback received through Survey analyses are considered for the process of identifying the compliance of university curriculum. 3. The formulated course outcomes are mapped with POs and PSOs by the course in charge, course coordinator, Module Coordinator and Head of the department to identify the extent to compliance of the university curriculum. 4. If yes, the Teaching Learning Process activities are proceeded to attain the formulated Course Outcomes, Program Outcomes and Program Specific Outcomes. 5. If No, the gaps are identified for the course and it is intimated to the university (If Necessary). 6. The weakly supported POs and PSOs are identified by mapping with Course Outcomes. 7. In order to strengthen and fulfill the gap, Content beyond the syllabus, Value Added Programs, Technical events, Guest lectures, Seminars, Laboratory experiments, Projects etc., are planned.
Teaching and Learning	The following are the innovative

processes adopted by the institute towards Teaching and Learning Process (TLP): 1. Value Added Courses 2. Internships 3. Educational projects in related area / topic. 4. Content beyond the Syllabus 5. Pre-commencement Preparations 6. Departmental Academic Calendar 7. Lecture plan and notes 8. Course Learning Objectives and Course Outcomes 9. Soft copy of the lecture notes, question bank are forwarded to students through email. 10. Updating the library with appropriate books as suggested by the faculty 11. Modifying the laboratories to cater the needs of revised regulation and recent trends 12. Monitoring student's performance through Slip Test, Internal Assessment I, II, III and Model examination 13. Re test for improvement and for absentees 14. Assignments, group discussions, quiz, seminars and projects are assigned to the students 15. Monitoring the teaching process through Online feedback from students 16. Oral feedback is obtained from students in the Class Committee Meeting 17. Academic Audit by peer committee 18. Result analysis Meeting of Internal Assessment and University Examination 19. Addressing issues of individual student 20. Additional classes for slow learners. 21. Personal guidance to the needy students 22. Issues related to the course are resolved by mentoring the students 23. Additional periods are allocated in the Time table based on the criticality of subject. 24. Symposium and Workshops are conducted. 25. Guest Lectures are conducted on Pre-requisite topics 26. Addressing the issues of faculty 27. Mentoring and guidance given to the faculty for a course handled earlier by senior faculty members. 28. Inputs from IQAC, and various feedback mechanisms are considered for improving the Teaching-Learning.

Examination and Evaluation

Process for Internal Assignment question paper setting and evaluation and effective process implementation Two sets of question papers with answer key are prepared by the Staff members based on syllabus, COs, previous university question papers question bank for Internal Assessments and Model Examination. In each semester, 3

Internal Assessment Examination and Model Examination is conducted. Portions coverage for the Examination Portion Coverage Internal Assessment I: 1st Unit First Half of 2nd Unit. Internal Assessment II: Second Half of 2nd Unit and 3rd Unit, Internal Assessment III: 4th Unit and First Half of 5th Unit. Model Examination All the 5 Units. The Course in-charge submits the question papers to the Course coordinator and then to the Module coordinator and HOD for validation. In case any corrections are identified by the Course coordinator, Module coordinator and HOD, the question papers are modified by the course In-charge and submitted for further approval. After final validation, Course In-Charge submits the question paper to exam cell. One question paper will be selected by Principal to conduct the examination and other question paper is used for retest. The process for answer scripts valuation is as follows. 1. The exam cell distributes the answer scripts to the course In-charges, after the completion of internal examination. 2. Answers scripts are cross evaluated by the course In-charges. 3. Sample Answer scripts are verified by HOD. 4. The answer keys are verified by the Course coordinator, Module coordinator and HOD. 5. The answer key for Internal examination question paper is displayed in the notice board for all the courses as per the Assessment order. 6. The Evaluated answer scripts are distributed to the students. 7. If any discrepancy in the evaluation, the students will approach the course In-charges and corrective measures were taken. 8. Then the marks of the students are submitted to Class coordinator and the consolidation Marks Sheets are prepared by Class coordinators and submitted to Principal. 9. Retests are conducted for students who fail in Internal Examinations.

Research and Development

Research and Development Cell is formed to promote Research and Development in the institute. The cell includes faculty, academicians and researchers. The cell meets once in a fortnight and delivers guidelines for quality improvement in R D. The

institute motivates the faculty to undertake research projects in AICTE, DRDO, DST, TNSCST, Young Scientist Scheme etc. Well-equipped Research Labs are developed for the funded projects to improve quality of the research. The institute motivates the faculty and students to file patents for the research work. The institute motivates the faculty to undertake research activities through doctoral Programmes. It motivates them to publish research papers. Faculty members are encouraged to attend and present papers in conferences and financial assistance are provided. The institute motivates the students to undertake complex engineering projects as a part of curriculum as well as for participating in external project competitions. Students' project exhibition is organized and best projects are awarded with cash prizes. Potential research collaborators are identified and MoUs are established.

Library, ICT and Physical Infrastructure / Instrumentation

The institute regularly increases ICT facilities for classrooms, tutorial rooms, seminar halls and Laboratories. The institute regularly enhances the Internet connectivity facility. The institute regularly enhances the power backup facility for laboratories. The institute has FTP Server for resource access. Central Library gives guidelines for improving the quality of library resource. IEEE institutional login enables the faculty and students for their academic and research works. Suggestions from departments for Library are used for the improvement in quality of library resources. New books/journals are purchased every year to update the library. Each Department has its own Library facility that includes text books, project and research papers.

Human Resource Management

The recruitment procedures, service rules and promotion policies are made transparent and employees are benefitted with CL, ML and EPF. Employee's salary will be credited in the bank account directly. Pay slips are issued to the employees every month. For professional development of the human resource, the institute delegates the faculty and staff to undergo development programs outside

the institute, provides technical resources and financial assistance to undertake such development programs. The institute organizes HR development Programmes for faculty, staff and students for skill up gradation and training. Faculty and students are felicitated for their academic achievements. The institute uses performance evaluation methods for the staff members. At the end of every year, performance evaluation of the staff is done by Head of the Institution. This is used for deciding promotions and increments. Self-performance evaluation is also done by the faculty and reports are submitted to the Head of Department which in turn they will submit the same to the Principal

Industry Interaction / Collaboration

MoUs are signed with companies like Infosys, Cloud Bull, CDCE HP Automation, Infoziant, National Instruments, Intelligence quality etc. Industrial visits to companies like Infosys, CTS, ISRO etc. is organized to understand the real time scenario. Infosys Campus Connect programme is facilitated to enrich faculty and students in the market trend. Orientation programmes and guest lectures are conducted for the students by the Industry experts. Alumni are placed in the reputed industries are invited for expert talk related to industry trends and needs required for the students. Entrepreneurship orientation activities are organized for the students.

Admission of Students

Admission of the students is through Single Window counselling system conducted by Anna University, Chennai. Admissions for Management Seats are through an Admission Committee constituted by the Management. The institute maintains this repute by adopting following strategies: Maintaining good results in University examinations by means of recent trends of teaching learning, providing quality infrastructure and facilities, maintaining good training and placement track records. Encouraging extra-curricular activities like sports and other competitions. Maintaining Ragging- free environment.

E-governance area	Details
<p>Planning and Development</p>	<p>The functions of Planning and Monitoring Board are as follows • Planning the academic activities, budget and purchase, academic calendar, extracurricular and co-curricular activities, etc. • Monitoring the execution of the planned activities.</p>
<p>Administration</p>	<p>Administration module of the institute resource planning includes indenting and management of inventories. Apart from this, all aspects of Management Control is enabled through real-time monitoring of flaws, Security, house-keeping and all aspects of administration are covered by the institute resource planning system</p>
<p>Finance and Accounts</p>	<p>All finance, both revenue and expenditure is handled by the software. All salary payments are through online transfers and all accounts are maintained online. Students are allowed to pay their fees through demand Draft or cheque. All records are reflected on the students and parents by providing full transparency.</p>
<p>Student Admission and Support</p>	<p>The entire admission process is online as well as issuing and collection of application forms for management quota and TNEA counselling through government quota. Students can apply to their chosen course from anywhere in the world. However, students are expected to meet the eligibility criterion set by the affiliated university (Anna University) and it is ensured that they get proper guidance. All students can reach their teachers through the google classroom and emails. Almost all relevant documents are placed on the online system as well. Circulars and other communication also happens through the HOD to class coordinators and then to students.</p>
<p>Examination</p>	<p>Considering that the college is an affiliated college, we are not able to implement much of e-governance in the area of Examinations due to the requirement of paperwork from the affiliated University. However, we do use the open source platform for announcement of dates and other minor aspects related to Examinations.</p>

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	G.Moorthy, S.K aliappan	Finite elements Analysis of propeler shaft for automotive and naval Applications	International Research Journal of Automotive Tech nology(IRJAT)	1200
2018	S.Kalippan, M. D.Raj kamal, Dr. PK.Nagarajan	Analysis of an innovative connecting rod by using Finite element method	TEGA JOURNAL OF GRAPHIC TECHNOLOGY	900
2018	Dr.T.Mothilal ,S.Kaliappan	Design of Turbocharger in petrol Engine with intercooler and Discharger chamber	International Journal for Least engineering and Management Research Research in Engineering	1500
2018	Mr.Sivakumar	An energy Efficient sleep scheduling protocol for Data Aggregation in WSN	TEGA JOURNAL OF GRAPHIC TECHNOLOGY	1000
2018	M.D.Raj Kamal	Low Cost Sugurcane Bud chipper	International journal of Pure and Applied Mathematics	1200
2018	Mr.N.Jagadish kumar	IOT Based smart garbage collecting system and ML enabled Robotic based segregation system	international conference on cognitive IOT with big Data and cloud(ICCIBC 2018)	500
2018	Mr.D.L.K.Vijai Bharrath	Rating prediction using review texts with underlying sentiments	International Journal of Innovative Research in sci ence, Engineerin g and Technolog y- (ISSN)	1300

2018	Ms.P.Sailaja	HER cloud security in smart cities	International Journal of Innovative Research in science, Engineering and Technology-(ISSN)	700
2018	S.Muthukaruppasamy	Design and implementation of PIC/FLC plus smc for positive output elementary super lift luo converter working in discontinuous conduction mode	Journal of Electrical Engineering and Technology	1200
2018	Ms. P M Kalpana	Design and Implementation of Black Box Detection using Deep Water Remotely Operated Vehicle (ROV)	International Journal of Innovative Research in Technology	1000
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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)
2017	Faculty Enablement Program(FEP)Foundation Program 5.0 (CSE)	Nil	24/08/2017	28/08/2017	12	Nil
2018	FDP- Power Plant Engineering (MECHANICAL)	Nil	21/05/2018	28/05/2018	60	Nil
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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	Number of teachers who attended	From Date	To date	Duration

programme				
Future healthcare technology	1	16/12/2017	17/12/2017	5
Career Advancement by technical skill amplification	1	07/05/2018	12/05/2018	5
Deep learning for image and text analysis	1	13/11/2017	27/11/2017	5
RF and Antenna design using CST	1	27/11/2017	29/11/2017	5
FDP on Multicore architecture programming	2	13/11/2017	20/11/2017	5
FDP on Data warehousing and data mining	1	09/06/2017	16/06/2017	5
Application of Renewable Energy Resources towards Smart Grid	3	07/11/2017	08/11/2017	5
Recent developments in Modeling, Design and control of power converters and Drivers	2	13/11/2017	25/11/2017	5
Power Converters, Control Integration of Renewable Energy Systems	1	15/11/2017	29/11/2017	5
IOT for Industrial Applications	1	19/11/2017	20/11/2017	5
No file uploaded.				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
128	128	49	49

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Free Transportation 2. EPF is paid to all employees as per PF act 3. Tuition fee waiver for the wards of the staff 4. Fee concession for faculty wards in Velammal School. 5. Staff producing excellent results in their subject will be awarded 6. Staff achieving 100 attendance will be rewarded 7. Employees who complete more than 10 years of service are honored	Uniform is provided school fee concession for their wards	1. Student achieving 100 percent attendance will be rewarded. 2. For Academic excellence, "Founder Chairman Merit Scholarship" is presented. 3. Merit Scholarship for economically deprived students eligible in academic sports. 4. The top ten students of each class are given two extra library cards to enable them to take additional books.

6.4 – Financial Management and Resource Mobilization

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

The institution conducts regular internal financial audits to ensure the accuracy, reliability, and integrity of its financial information. These audits are conducted by an independent internal audit team that examines the institutions financial records, processes, and controls. By conducting internal audits, the institution can identify and mitigate financial risks, detect and prevent fraud, and ensure compliance with financial regulations and policies. The findings from internal audits are used to improve internal controls, enhance financial reporting, and strengthen overall financial management practices. External Financial Audits: In addition to internal audits, the institution also conducts regular external financial audits from Velammal Educational trust accounts by its audit team. These audits are performed by independent external auditors who are qualified and impartial professionals. External audits provide an objective assessment of the institutions financial statements, ensuring that they are accurate and fairly presented. The auditors examine the institutions financial records, transactions, and supporting documentation to verify the integrity of the financial information. External audits enhance transparency and accountability, instill investor confidence, and demonstrate the institutions commitment to financial integrity. The audit findings and recommendations help the institution improve its financial practices and meet regulatory requirements.

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
NIL	0	0
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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	Nil	Yes	IQAC
Administrative	Yes	Velammal Educational Trust	Yes	Velammal Educational Trust

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

1. The parents are very supportive of the initiatives taken by the College. The institution doesn't have a registered parent-teacher association. 2. However, the college maintains contact with the parents through the Principal's office as well as class mentors. 3. Parents were called for mentor meeting about their wards performance once in a semester and the institution provides necessary support to the parents as well as their wards for subsequent improvement in performance

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

1. A two-day orientation programme for the support staff is held every year in the month of June and December. 2. The program includes motivational speech by the Advisor and Principal 3. Soft Skills and Communication Training for the supporting staffs

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

1. Incentive scheme for research and development like attending conferences and workshops . 2. Course-handouts in all courses 3. Value added courses for all UG programs and MoU with leading industries to set up laboratories in our institution.

6.5.5 – Internal Quality Assurance System Details

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

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
2017	ACADEMIC AUDIT and NAAC/NBA AUDIT I	24/08/2017	21/08/2017	24/08/2017	109
2017	ACADEMIC AUDIT and NAAC/NBA AUDIT II	13/09/2017	11/09/2017	13/09/2017	109
2017	ACADEMIC AUDIT and NAAC/NBA AUDIT III	23/12/2017	20/12/2017	23/12/2017	109
2018	ACADEMIC AUDIT and NAAC/NBA AUDIT I	06/01/2018	03/01/2018	06/01/2018	109

2018	ACADEMIC AUDIT and NAAC/NBA AUDIT II	16/02/2018	12/02/2018	16/02/2018	109
2018	ACADEMIC AUDIT and NAAC/NBA AUDIT III	19/03/2018	16/03/2018	19/03/2018	109
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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
Why Is it Important To Promote Gender Equality And Womens Empowerment	09/04/2018	09/04/2018	65	50
Gender equality in education	22/05/2018	22/05/2018	55	45
Gender discrimination laws in India	20/03/2018	20/03/2018	60	35
The persistent gender inequality- a global challenge	18/10/2017	18/10/2017	49	40
Gender Sensitization	19/08/2017	19/08/2017	56	25

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
<p>? Uprooted trees are removed and new trees are planted. ? Deforestation is not entertained in the campus. ? Plantation and Environmental awareness camp by NSS</p> <p>? The run off rain water is diverted into the percolation pits in all the buildings of the campus to increase the ground water level. ? Reverse Osmosis plant exists in the campus. ? Waste management (Composting and Vermi composting) is taking place. ? Safe disposal of laboratory wastes. The above Environmental Consciousness and Sustainability/Alternate Energy initiatives are incorporated in our institution. In an effort to use sustainable and alternative energy sources, our Institute has installed a solar panel system. 25-30 of the colleges power needs are supplied by this renewable energy source. The campus has a structure for collecting rainwater and using it. Green audit done in the campus. All old light bulbs are replaced with more energy-efficient</p>

LED lights. Replacement of old fans, lighting, and other components with energy-efficient electrical accessories and air conditioners with the 3-star rating.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1800
Provision for lift	No	0
Ramp/Rails	Yes	1800
Braille Software/facilities	No	0
Rest Rooms	Yes	1800
Scribes for examination	Yes	1528
Special skill development for differently abled students	No	0
Any other similar facility	No	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
2017	2	2	08/12/2017	5	Awareness to public on using the cash/cheque deposit machine	Usage of deposit machine	24
2018	2	2	05/02/2018	5	Awareness to customers of Grocery and Medical Shop to check MRP and Expiry Date	Check MRP Expiry Date	30
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
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HandBook	20/06/2017	<p>All students should strictly follow the college timings Each student should behave properly in the college. He /she should behave politely with the teachers and non-teaching staff members. If the students have any problem, they should meet the principal or the vice-principal of the college. Dress code and identity card is compulsory for each student in college campus. Student should not bring their vehicles to the college. Students should not wander in the college campus by bunking the classes and practical's. Student should not damage the benches, tables, chairs, fans and lights in the class room and other things in the campus. If such a thing happens student will be severely punished compensation should be taken from them. Students should occupy only the room allotted by the Warden/ Deputy Warden. Students are advised to take care of their valuables kept in the rooms. The College authorities will not be responsible for any loss of cash/ valuables.</p>
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7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Freshers day	24/07/2017	24/07/2017	300
Graduation day	01/07/2017	01/07/2017	400
Womens day	08/03/2018	08/03/2018	200
Independence day	15/08/2018	15/08/2018	100
Republic day	26/01/2018	26/01/2018	150
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Rain-water harvesting
2. Prohibiting smoking and making a tobacco-free

campus 3. Tree plantation 4. Reverse Osmosis plant to provide pure drinking water 5. Sewage Treatment Plant 6. Restricted entry of automobiles 7. Use of Bicycles/ Battery powered vehicles 8. Ban on use of Plastic 9. Landscaping with trees and plants

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1. Placement and Training 1. Title of the practice: Placement and Training 2. Objectives: To train the students with sound technical knowledge, to excel in communication skills and to face the corporate's expectation to achieve success. 3. The Context: To ensure that students graduate successfully with a job offer in hand, the institution needs to establish a solid reputation, stand out from the crowd, and deliver exceptional training. 4. The Practice: The placement officer is responsible for campus recruitment. A team of placement coordinators, consisting of one faculty member and two students from each department, supports the placement officer. Students are regularly exposed to outside specialists from various academies to improve their aptitude, skillrack for improving the programming skills, verbal ability, and reasoning abilities. Best Practice 2: Student Mentoring and Counseling 1. Title of the practice: Student Mentoring Counselling 2. Objectives: The main objective is to assist each student in making the decisions that are best for their future academic and personal development. 3. The Context: students lack of self-confidence, confidence in the medium of instruction, or application owing to a lack of interest in the subject are the most significant student factors to sort out. 4. The Practice: Each member of the teaching staff is assigned a class of no more than 20 students, and they are all responsible for providing academic counselling and keeping track of the students attendance and academic development. Additionally, they stay in touch with the pupils parents. Students are pointed in the direction of on-call professional counsellors on campus Best Practice 3: 1. Title of the practice: Audio Video Lectures 2. Objectives: To provide training to the students through social network. 3. The Context: To ensure that the students should come out successfully with flying color by way of enriching knowledge through latest audio video technology of social media apart from regular academic practice. 4. The Practice: In order to grasp knowledge through YouTube channel and other social medias instead of getting input with in the class room in micro level, macro level approach for the students is ensured.

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

<https://velammalitech.edu.in/>

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

One area that stands out as a priority and thrust for the institution is the development of innovative and industry-ready engineers. The institution has made significant efforts in providing students with a practical and hands-on approach to learning. The curriculum is designed to expose students to a wide range of real-world scenarios, giving them an edge in the job market. The institution's commitment to producing innovative engineers is reflected in its impressive placement record. The placement cell at the Velammal Institute of Technology has consistently achieved high placement rates, with many students securing top-notch job offers from reputed companies. Additionally, the institution has an impressive track record in research and development. Faculty members and students at the institution have contributed significantly to

research in various fields. Furthermore, the institute has also established close collaborations with leading industries in the country, which has resulted in a significant boost in research activities. These collaborations have also led to the development of innovative technologies that have contributed to the growth of the industry. The institution has a strong focus on providing quality education and training to its students, and it has consistently performed well in various areas of academic and extracurricular activities

Provide the weblink of the institution

<https://velammalitech.edu.in/>

8.Future Plans of Actions for Next Academic Year

Admission ? To achieve 100admission to all 5 UG programs ? To get students with high engineering cut off Academics ? To achieve within the top 5 position among the affiliated colleges of Anna University. ? To increase the number of university rank holders. Placements ? To achieve 100 placement among the students. Development Programmes and Collaborations ? Different Club activities to be initiated. ? To enhance the employability skill of the students ? Firm up collaborations to bridge the gap between academia and industry. Research and Innovations To initiate research and development in the campus. Institutional Social Initiatives Organize more community service activities to contribute to the wellness of the society. Accreditation To maintain the standards of NBA and NAAC in our institution in all aspects.