VELAMMAL INSTITUTE OF TECHNOLOGY

Approved by AICTE New Delhi, & Affiliated to Anna University Chennai
CSE,ECE,EEE,IT,MECH Accredited by NBA & NAAC
"Velammal Knowledge Park", Chennai – Kolkatta Highway, Ponneri – 601 204

1.		COLLEGE DETAILS		
	Name of the College		:	**VELAMMAL INSTITUTE OF TECHNOLOGY**
	(i)	Address of the Institution	:	VELAMMAL KNOWLEDGE PARK, CHENNAI-KOLKATA NATIONAL HIGHWAY, PANCHETTI VILLAGE, PONNERI TALUK, THIRUVALLUR DISTRICT
	(ii)	Pin Code	:	601204
	(iii)	Year of establishment of the College	:	2008
	(iv)	Type of Institution	:	SELF FINANCING
	(v)	Category of the College	:	NON MINORITY
	(vi)	Type of College	:	ENGINEERING
	(vii)	Is the College Autonomous	:	NO
	(viii)	Is the college Functioning at the above said-approved site?	:	YES
	(ix)	Mobile	:	9677127076
	(x)	Phone Number with STD CODE		044-22446300
	(xi)	Fax Number with STD CODE	:	044-30446309
	(xii)	Email	:	principal@velammalit.com
	(xiii)	Website	:	www.velammalitech.edu.in
	Inclusion under Sections 2(f) and 12(B) of the UGC Act, 1956			
	(xiv)	Section 2(f)	:	NOT INCLUDED
	(xvi)	Section 12(B)	:	NOT INCLUDED
	(xvii)	Any other Accreditation /Recognition	:	NAAC

2			Trust Details			
	(i)	**The Head of the Trust**		CHAIRMAN		
	(ii)	**Name of the Trust/Society**		VELAMMAL EDUCATIONAL TRUST		
	(iii)	**Address of the Registered Office**		VELAMMAL NEW GEN PARK, AMBATTUR-REDHILLS ROAD,-600065		
	(iv)	**District**	:	THRIUVALLUR		
	(v)	**Name of the Chairman**		Mr. MUTHURAMALINGAM M.V.		
	(v)	**Father Name**		Mr. VEERAMAHALI M		
	(vi)	**Email of the organization**	:	info@velammaltrust.com		
	(vi)	**Telephone number**	:	044 - 26590345		
	(vii)	**Telephone number - Office**	:	044 - 26542455		
	(viii)	**Telephone number - Residence**	:	044 - 26591771		
	(ix)	**Registered With**	:	Registrar of Societies, Madras South		
	(x)	**Registration Number & date**	:	**Registration Number**	**Date**	
				85	22-01-1986	

3.		PRINCIPAL		
	Name of the Principal	**:**	**Dr.S.Soundararajan**	
	(i)	**Exact Designation**	:	Principal
	(ii)	**Experience**	:	23 years
	(iii)	**Phone number with STD code**	:	044-22446300
	(iv)	**Fax number with STD code**	:	044-30446309
	(v)	**Email**	:	principal@velammalit.com
	(vi)	**Highest Degree**	:	Ph.D.
	(vii)	**Field Of Specialization**	:	MOBILE ADHOC NETWORKS

4.		AFFILIATING UNIVERSITY DETAILS		
Name of the affiliating University		**:**	Anna University, Chennai	
	(i)	Address	:	Guindy, Chennai - 600 025, Tamil Nadu.
	(ii)	Website	:	www.annauniv.edu
	(ii)	Latest affiliation Period	:	2021-2022

5. Governing council

Name	Position	Qualification	Present Designation / Occupation
Mr. MUTHURAMALINGAM M.V	Chairman	B.E.-Mechanical Engineering	EDUCATIONIST
Mr. VELMURUGAN M.V.M	Member	M.A., B.L-Master of Arts	C.E.O
Mr.VELMOHAN M.V.M	Member	M.A.-Master of Arts and Science	CORRESPONDENT
Mr. SASIKUMAR M.V.M	Member	M.B.A.-Master of Business Administration	DIRECTOR
Mr. VASU M	Member	M.A.-Master of Arts and Science	ADVISOR
Mr. RAZAK K	Member	M.A.,M.Phil.,	ADVISOR
Mr. MAHESWARAN M	Member	B.E.-Civil Engineering	CHIEF GENERAL MANAGER
Dr. ARUMUGAM M	Member	Ph.D.-Applied Chemistry	MANAGING DIRECTOR
Mr. PONNUSWAMI M	Member	M.Sc.-Decision and Computing Sciences (Integrated)	MANAGING DIRECTOR
Mr. GURUMOORTHY V	Member	B.Sc.-Applied Science	INDUSTRIALIST
Dr. SOUNDARARAJAN S	Member	Ph.D.-Computer Science and Engineering	PRINCIPAL

6. PLANNING AND MONITORING

Name	Position	Category	Qualification	Present Designation / Occupation
Dr. SOUNDARARAJAN S	Chairman	Principal	Ph.D.- Computer Science and Engineering	Principal
Mr. MURALIDHARAN S	Member	Industrial Expert	B.E. - Automobile Engineering	Others - chief technology officer
Dr. S. SATHISHKUMAR	Member	Senior faculty member	Ph.D. - Mechanical Engineering	Professor
Mr. VASU M	Others	Advisor	M.A -	Others - advisor
Mr. KRISHNAKUMAR A	Member	Industrial Expert	B.E. - Aeronautical Engineering	Others - DGM
Mr. SARAVANAN T	Member	Architect /Civil Engineer	B.Arch. - Architecture	Others - chief architecture

6(i). ANTI-RAGGING COMMITTEE

Sl. No.	Name	Position	Category	Present Designation / Occupation	Address
1	Dr. SOUNDARARAJAN S	Chairman	PRINCIPAL	PRINCIPAL	Velammal Institute of Technology-Panchetti-Tiruvallur-601204
2	Mr. SEKAR M	Member	Police Department	POLICE INSPECTOR	Kottakarai - Gummidipoondi – Tiruvallur-601201
3	Mr. RAJENDRAN S	Member	Revenue/Taluk/Civil/Officers	OFFICER	Railway Station road - Ponneri-601204 Tiruvallur
4	Dr. BALAMURUGAN B	Member	OFFICIAL OF NGO	OFFICIAL OF NGO	Velammal Institute of Technology-Panchetti-Tiruvallur-601204r
5	Mr. DEVARAJ S	Member	REPRESENTATIVES OF PARENTS	REPRESENTATIVES OF PARENTS	No.135, SABITHANILAYAM,KRISHNAPURAM – PONNERI, TIRUVALLUR -601204
6	Mr. RAHUL HARIHARAN D	Member	REPRESENTATIVES OF STUDENTS	REPRESENTATIVES OF STUDENTS	Velammal Institute of Technology-Panchetti-Tiruvallur-601204
7	Ms. SRIMATHI S	Member	REPRESENTATIVES NON-TEACHING	REPRESENTATIVES NONTEACHING	Velammal Institute of Technology-Panchetti-Tiruvallur-601204

6(ii). ANTI-RAGGING SQUAD

Name	Position	Present Designation / Occupation	Telephone Numbers	Mobile Numbers	E-mail id	Address
Dr.BALAMURU GAN.B.	Member	HEAD OF THE DEPARTMENT	044-22446300	9445255164	hodofmaths@gmail.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
Dr. JAGAN RAJ S	Member	ASST PROFESSOR	044-22446300	9884256985	sjraj27@gmail.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
Mr. PRADEEP G.M	Member	ASST PROFESSOR	044-22446300	9865711381	pradeepmech371@gmail.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
Dr. SUBASHINI A	Member	ASST PROFESSOR	044-22446300	9094388996	subashiniphysics@gmail.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
Dr. SELVAKANMA NI S	Member	ASSOC PROFESSOR	044-22446300	9486235738	selva.kanmani@gmail.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
Mr.GOWTHAM	Member	NON TEACHING FACULTY	044-22446300	9159165724	gowtham8494@gmail.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204

7(i). DISCIPLINE AND WELFARE COMMITTEE

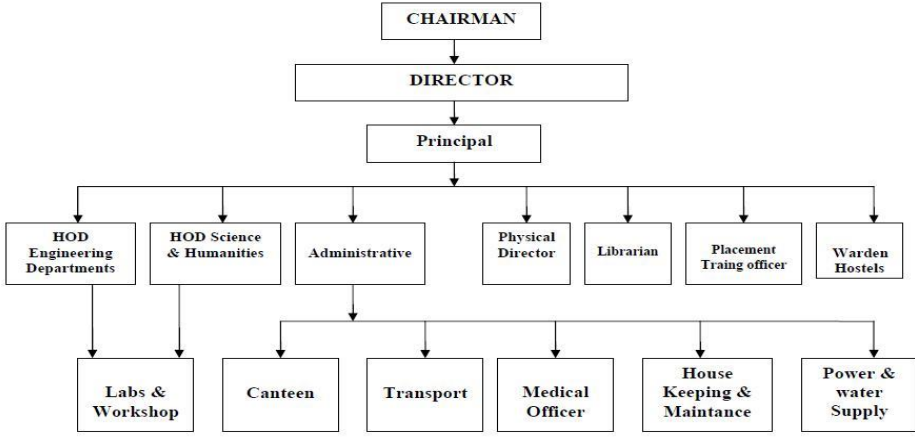| Sl. No.	Name	Position	Category	Telephone Numbers	Mobile Numbers	E-mail id	Address
1	Dr.BALAMURUGAN.B	Member	Head of the Department	044-22446300	9445255164	hodofmaths@gmail.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
2	Dr.MURUGAN.V.R	Member	Head of the Department	044-22446300	9445828214	vrmurugan1969@yahoo.co.in	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
3	Dr.SOUNDARARAJAN.S	Chairman	Principal	044-22446300	9677127076	principal@velammalit.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
4	Dr.SHANMUGARAJ.G	Member	Senior Faculty	044-22446300	9445102437	gsraj76@gmail.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
5	Ms.SRIMATHI.J	Member	Student Counsellor(Staff)	044-22446300	7299067995	hrd@velammalitech.edu.in	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
6	Ms.RITA	Member	Warden / Deputy Warden of Girls Hostel	044-22446300	8870207274	aovelammaltech@gmail.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
7	Mr.MATHIVANAN.T	Member	Warden / Deputy Warden of Boys Hostel	044-22446300	9940787943	aovelammaltech@gmail.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
8.	Mr.GOVARTHAN	Member	Warden / Deputy Warden of Boys Hostel	044-22446300	9500889267	aovelammaltech@gmail.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204

7(ii). COMPLAINTS CUM REDRESSAL COMMITTEE

Sl.No.	Name	Category	Present Designation / Occupation	Telephone Numbers	Mobile Numbers	E-mail id	Address
1	Dr. SRIDEVI B	MEMBER	Professor	044-22446300	9952813958	bsd@velammalitech.edu.in	1511,13TH STREET, 16TH MAIN ROAD,ANNA NAGAR WEST-CHENNAI - 101
2	Mr.SENTHIL KUMAR D	MEMBER	Assistant Professor	044-22446300	9551732156	senthil.d18@gmail.com	5/158, ANBAZHAGAN STREET, M.A.NAGAR-REDHILLS, CHENNAI-52
3	Mr. AJITH T	MEMBER	Assistant Professor	044-22446300	9994181426	ajit9995@gmail.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
4	Dr. SARASWATHY R	MEMBER	Assistant Professor	044-22446300	8220544641	saraswathykmu@gmail.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
5	Mrs.SOWMYA	MEMBER	Assistant Professor	044-22446300	9486115949	sowmiyah.s@gmail.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
6	Dr. SUBASHINI s	Secretary	Assistant Professor	044-22446300	9094388996	subashiniphysics@gmail.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
7	Ms. SRIMATHI S	MEMBER	Others-ADMIN MANAGER	044-22446300	9677129773	hrd@velammalitech.edu.in	Velammal Institute of Technology-Panchetti- Tiruvallur-601204
8	Dr.SOUNDARARAJAN S	Chairman	Principal	044-22446300	9677127076	principal@velammalit.com	Velammal Institute of Technology-Panchetti- Tiruvallur-601204

8. INTERNAL QUALITY ASSURANCE CELL

Sl. No.	Name	Designation	Category	Position in IQAC
1.	Dr.SOUNDARARAJAN S	Principal	Head of the Institution	Member Secretary
2.	Dr. B MADHU	Associate Professor/MECH	Senior Faculty	IQAC Coordinator
3.	Mr.K .KALAIAGURUMOORTHI	Assistant Professor/EEE	Faculty	IQAC Assistant Coordinator
4.	Dr.V.P.GLADIS	Associate Professor/CSE	Senior Faculty	Member
5.	Dr.P.DEIVENDRAN	Associate Professor/IT	Senior Faculty	Member
6.	Dr.M.SIVARATHINABALA	Associate Professor/ECE	Senior Faculty	Member
7.	Dr.M.S.HEAVEN DANI	Associate Professor/MECH	Senior Faculty	Member
8.	Mr.K.KARTHIKEYAN	Assistant Professor/EEE	Faculty	Member
9.	Mr.D.SENTHIL KUMAR	Assistant Professor/H&S	Faculty	Member

9. DETAILS OF ORGANIZATIONAL CHART

Organizational Chart and Processes	Organizational chart enclosed and decentralized.
Nature and Extent of involvement of faculty and students in academic affairs/ improvements	Every class has a class committee, comprising teachers of the concerned class, student representatives and a chairperson who is not teaching the class. The overall goal of Committee is to improve teaching - learning process. The functions of the class committee include, o Solving Problems faced by the students in the class room and in the laboratories. o Clarifying the regulations in their degree programme and the details therein. o Informing the student representatives about the academic schedule including the dates of assessments and the syllabus coverage for each assessment. o Informing the Student representatives about the details of Regulations regarding the weightage used for each assessment. In the case of practical courses (laboratory /drawing / project work / seminar etc.), the breakup of marks for each experiment / exercise / module of work shall be clearly discussed in the class committee meeting and informed to the students. o Analyzing the performance of the students in the class after each test and finding the ways and means for solving the problems for their improvement, if any.

	o Identifying the weak students, if any, and requesting the concerned teachers to provide additional help or guidance or coaching to such slow learners. **Faculty Advisor:** One faculty member mentors 20 students and he/she keeps the track record of the students' related to their academics, attendance, grievances and sends them periodically to the parents with the recommendations and suggestions from the Head of the Department and the Principal related to the progress of the students. **Mentor:** Students are free to approach their Mentor and talk without inhibition about academics, administration, career and even personal issues.
Mechanism/Norms & Procedure for democratic/good Governance	Board of Trustees Governing Council Planning and Monitoring Board Discipline and welfare Committee Complaints cum Redressal Committee Quality Standards Procedure
Student Feedback on Institutional Governance/faculty performance	Exit feedback. Academic feed back
Grievance redressal mechanism for faculty, staff and students	**Faculty:** Suggestion books are maintained at department level. A Committee constituted by the Principal will look into the grievances of the faculty as and when needed. **Students:** Suggestion/complaints boxes are installed at prominent places. A Discipline and Welfare Committee and Complaints-cum-Redressal Committee is functioning to resolve students issues.
Student feedback mechanism on Institutional Governance/ faculty Performance	➢ A class committee is formed with a faculty member as chairperson who is not in charge of the specific class. The Principal is a member of the class committee as well. The chairperson is in charge of managing the meeting and ensuring that the students to provide open and honest comments. ➢ For the goal of gathering student feedback, a proforma containing crucial factors relevant to the teaching learning process has been established. ➢ The HoDs and the Principal examine the responses of students

	following the Electronic Data Processing. Wherever possible, the feedback is provided to the faculty members involved in order for them to improve.		
	➢ Students' input on value-added programmes (for example, guest lectures, seminars, employability camps, etc.) is gathered at the end of the programme by issuing an event questionnaire.		
	➢ The Principal communicates the suggestions to faculty members via HoD for appropriate improvements. During the yearly faculty appraisal, the conclusion is reviewed with faculty members.		

10.   ACADEMIC AUDIT COMMITTEE

An academic audit committee is formed, and academic activities are properly planned, monitored, and student input is received. Academic activities for each semester are scheduled in academic calendar and activity planner is created and sent to students and staff members. Suggestions from students gathered through the frequent holding of class committee meetings, mentor counselling, and the feedback process. The Academic Audit committee is headed by the IQAC Coordinator and the members of the committee adhere to the audit schedule.

Sl. No.	Name	Category	Present Designation/Occupation
1.	Dr.B.MADHU	Convener	Associate Professor/IQAC Coordinator
2.	Dr.B,SRIDEVI	Member	Head of the Department/ECE
3.	Dr.S.M.UDHAYASHANKAR	Member	Head of the Department/IT
4.	Dr.B.BALAMURUGAN	Member	Head of the Department/H&S
5.	Dr.S.SELVAKANMANI	Member	Head of the Department/CSE
6.	Dr.S.KALIAPPAN	Member	Head of the Department/MECH
7.	Dr.S.MUTHUKARUPPASAMY	Member	Head of the Department/EEE
8.	Dr.K.CHINNUSAMY	Member	Professor/ECE
9.	Dr.R.JOTHICHITRA	Member	Professor/ECE
10.	Dr.D.MAGESH BABU	Member	Professor/MECH
11.	Dr.V.P.GLADIS	Member	Associate Professor/CSE
12.	Dr.K.ANBAZHAGAN	Member	Associate Professor/CSE
13.	Dr.P.DEIVENDRAN	Member	Associate Professor/IT
14.	Dr.M.SIVARATHINABALA	Member	Assistant Professor/ECE
15.	Dr.S.ILAIYARAJA	Member	Associate Professor/ECE
16.	Dr.G.SHANMUGARAJ	Member	Associate Professor/ECE
17.	Mr.K.KALIAGURUMOORTHI	Member	Associate Professor/EEE
18.	Dr.V.SINDHU	Member	Associate Professor/Physics
19.	Dr.A.SARASWATHY	Member	Associate Professor/Physics

11. (i) DETAILS OF PROGRAMMES

Name of the Programmes approved by the AICTE	**UNDERGRADUATE DEGREE COURSES**: 1. B.E. - Computer Science & Engineering 2. B.E. - Electronics & Communication Engineering 3. B.E. - Electrical & Electronics Engineering 4. B.E- Mechanical Engineering 5. B.E. – Mechatronics Engineering 6. B.Tech. - Information Technology 7. B.Tech.- Artificial Intelligence and Data Sciences
Name of the Programmes accredited by the NBA	1. B.E. - Computer Science & Engineering 2. B.E. - Electronics & Communication Engineering 3. B.E. - Electrical & Electronics Engineering 4. B.Tech. - Information Technology 5. B.E- Mechanical Engineering

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

	2021-2022	2020-2021	2019-2020	2018-2019
Pass Percentage	-	100%	84.73%	85.2%
% students passed with distinction	-	17	11	12
% students passed with first class	-	83	58	84.3
Placement Percentage (%)	86.4% (In progress)	98.8%	96.1%	97.6%
Average pay package in INR /year	4.25 L	3.96L	3.86L	3.92L
No. of Students opted for Higher Studies	1	2	3	4
No. of students opted for Entrepreneurship	NIL	NIL	1	NIL
Professional Society, Memberships	Computer Society of India			
	2021-2022	2020-2021	2019-2020	2018-2019
Grants received by the department (in INR)- Brief mentioning	NIL	Rs.5,40,000 from AICTE and TNSCST	Rs.25,000 from Tamil Virtual Academy	Rs.19.99 Lakhs from DST Rs.7500 from TNSCST
Departmental Achievements in the past 4 years	- Department is accredited by NBA - Academic results - >85% consistently maintained - Placements - 80% consistently maintained 128 students have undergone Internship with a total Stipend amount of Rs. 13,94, 000 35 Anna University Rank holders from inception - Dr. R. Sugumar got approval for the R&D funded project worth Rs.19.99 Lakhs from the Department of Science & Technology, New Delhi during 2018-19. - Dr. Gladis Pushparathi got approval for conducting STTP from AICTE during 2019-2020			
Distinguished Alumni and their details	**D.Sai Vignesh (Batch 2014 -18)** Software Engineer Amazon **A.Manimegalai (Batch 2014 -18)**			

	Software Developer ZOHO Corporations **K . Poornima (Batch 2015-19)** Software Engineer Amazon **JEYAGURU J (Batch 2016-20)** Software Developer ZOHO Corporations H. Jaya Santhosh **(Batch 2016-20)** **Director, Swarnatara Group of Companies**

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

	2021-2022	2020-2021	2019-2020	2018-2019
Pass Percentage	-	100	92.3	95.8
% students passed with distinction	-	10	0	5
% students passed with first class	-	89.3	97.46	87.5
No. of Rank Holders	-	0	0	2
Placement Percentage (%)	77% (In Progress)	73%	81.5%	90%
Average pay package in INR /year	3 lakhs	6.5 lakhs	3 lakhs	3.3 lakhs
No. of Students opted for Higher Studies	-	NIL	2	3
No. of students opted for Entrepreneurship	-	NIL	1	NIL
Professional Society, Memberships	Mr.P.Vivek and Dr.S.Muthukaruppsamy - ISTE Life Time Membership, Mr.R.Karthikeyan & Dr.J.Nandha Gopal - IE(I) Life Time Membership			

Departmental Achievements in the past 4 years	Year	Faculty Publications by Faculty(UGC,SCOPUS,WEB OF SCIENCE and International conference)	FDP, WORKSHOP PARTCIPATION BY FACULTY	Dept Events such as Project expo, Technical club activities and guest lecture by Faculty	Achieved Placement Percentage by Faculty
	2021-2022	4	20	2	84%
	2020-2021	3	33	4	80%
	2019-2020	7	10	7	89%
	2018-2019	2	10	5	86%

2021-2022
1.Faculty has published 4 reputed journals such as UGC, SCOPUS, WEB OF SCIENCE
2.FDP,Workshop participation by faculty in reputed colleges are 20 participation
3.Dept events(Project Expo and Technical club activities and guest lecture) has been arranged by faculty
4. Succesful Placement percentage(84%) is achieved by faculty
2020-2021
1. Faculty has published 3 reputed journals such as UGC, SCOPUS, WEB OF

	SCIENCE 2. FDP,Workshop participation by faculty in reputed colleges are 33 participation 3. Dept events(Project Expo and Technical club activities and guest lecture) has been arranged by faculty 4. Succesful Placement percentage(80%) is achieved by faculty **2019-2020** 1. **Department is accredited by NBA** 2. Faculty has published 7 reputed journals such as UGC, SCOPUS, WEB OF SCIENCE 3.FDP,Workshop participation by faculty in reputed colleges are 10 participation 4.Dept events(Project Expo and Technical club activities and guest lecture) has been arranged by faculty 5.Succesful Placement percentage(89%) is achieved by faculty. **2018-2019** 1.Faculty has published 2 reputed journals such as UGC, SCOPUS, WEB OF SCIENCE 2.FDP,Workshop participation by faculty in reputed colleges are 10 participation 3.Dept events(Project Expo and Technical club activities and guest lecture) has been arranged by faculty 4. Successful Placement percentage(86%) is achieved by faculty 5. One faculty was awarded as PhD from Anna University
Distinguished Alumni and their details	Mr.B.Praneeth-Production Technician-MULTIMATIC MOTOR SPORTS,CANADA Ms.D.Malarkodi-PhD student-PUSAN University-South Korea Mr.Kiruppasankar-Maintenece Technician-Wescar PVT Ltd Er.Vivek-Assistant Engineer-TNEB Ms.Bernica Allen-Designer-FORD Mr.Saratkumar-TNEB Mr.Gowtham-PG Student-South Australia Ms.Hanna Santhosa-PG Student-South Australia

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

	2021-2022	2020-2021	2019-2020	2018-2019
Pass Percentage	-	100	100	95
% students passed with distinction	-	14.9%	16.5%	7.2%
% students passed with first class	-	85.1%	83.5%	82.8%
No. of Rank Holders		0	0	1
Placement Percentage (%)	90.4%	95%	91.2%	100%
Average pay package in INR /year	4 LPA	3.9 LPA	3.8 LPA	3.2 LPA
No. of Students opted for Higher Studies	-	03	13	11
Professional Society, Memberships	ISTE and IETE			
Grants received by the department (in INR)- Brief mentioning	Nil	Received Rs 1438922/- for MODROBS and for conducting International Conference, STTP.	Received Rs.997500/- research fund from CVRDE & TNSCST	Received 32.66 Lakhs research fund from DST, TNSCST , AMOGAA Products Private Limited, EPR Labs
Departmental Achievements in the past 4 years	**Department is accredited by NBA.** **Research Highlights:** • Received Research Fund of Rs. /- 57.11 Lakhs funded by DST, CVRDE, AICTE and TNSCST by our faculty. • 15 Patents, 52 Journals & 92 Conference Publications. • Published 15 books and 5 Book Chapters. • 6 International Faculty awards for Research & Teaching **Student Achievements:** • 120 Innovative Projects • More than 100 students received Prizes & Prize money of nearly 75 thousand in National & State level Contests. • 4 Patents Published by our students • Nearly 100 Papers Published in International conferences & Journals by our students **Academic Achievements:** • 95% Average Anna University Results			

	• 90% average Placement of eligible students • Average of 10 students enrolling for PG courses every year in reputed Institutes in India and Abroad. **Lab Infrastructure:** • 7 curriculum based state of art Laboratories • Industry Supported R& D Laboratory • NI(National Instruments) Labview Academy National Instruments • MSME sponsored CDCE Automation Lab • Separate Project & Research Lab for enhancing students Projects **Placements** • Placement in dream and core companies such as ZOHO, QUALCOMM, CTS, TCS, HCL ,Infosys etc. Internship with salary
Distinguished Alumni and their details	1.Mr.Balaji Mathivanan, Planning engineer, Great Earth construction, Singapore. 2. Mr. Dhanasekar .N, Senior Executive Engineer, MRF Limited, Chennai. 3.Ms. Sree Vishnu Vandana, Software Engineer, Boston Scientific, California, USA. 4.Ms.Santhameena, Assistant Commissioner, Assistant Commissioner Madurai. 5. Mr. L.Santhosh kumar, Engineer, Qualcomm pvt ltd, Chennai. 6. Mr.Abu Hamza, Software Engineer, Qualcomm, Chennai 7.Ms. Janani V, Bank Manager, Canara Bank, Chennai.

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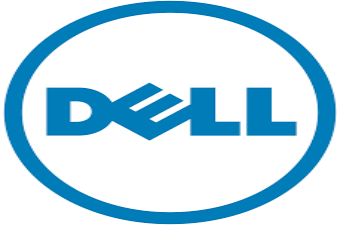"Velammal Knowledge Park", Chennai – Kolkatta Highway, Ponneri – 601 204

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DEPARTMENT OF INFORMATION TECHNOLOGY

	2021-2022	2020-2021	2019-2020	2018-2019
Pass Percentage	-	100	100	97.7
% students passed with distinction	-	3	5	2
% students passed with first class	-	45	44	40
No. of Rank Holders	-	NIL	2	1
Placement Percentage (%)	91% (In Progress)	96.8%	92.5%	100%
Average pay package in INR /year	4.49LPA	3.75LPA	3.96 LPA	3.96 LPA
No. of Students opted for Higher Studies		1	NIL	NIL
No. of students opted for Entrepreneurship		NIL	1	1
Professional Society, Memberships	Velammal Institute of Tech IT ACM Student Chapter			
Grants received by the department (in INR)- Brief mentioning	Nil	ATAL-FDP Rs. 1 L	DST Project Rs.20 L FDP Rs.50k	Nil
Departmental Achievements in the past 4 years	**Department is accredited by NBA** - Dr.B.Murugeshwari received the funded research project entitled "**A Qualitative Analysis into the Barriers for Policy Implementation & Creation of Employment Opportunities for Persons with Disabilities (PwD's) Living in Rural Villages of Tiruvallur District, Tamilnadu**" by Department of Science and Technology, Jan-2019. She has received 20 Lakhs amount from DST. - Mrs.S.P.Panimalar, Assistant Professor, Department of IT honored by Texas Instruments, DST, AICTE and IIM-Banglore for Outstanding Contribution and Stellar commitment to inspiring engineering students to innovate and create ground breaking solutions. Also, she nominated as a member of the prestigious committee "Confederation of the Elite Academician of IICDC" - Dr. P.Deivendren, Associate Professor, participated as a jury member in JR. First LEGO league India regional championship 2017-18 on 03 February 2018 at The Velammal International School. - Mr.N.Jagdish Kumar, Assistant Professor/IT Department got "Silver Medal" for Inspire Campus Connect Faculty Excellence award from Infosys - Mrs.P.Sailaja, Assistant Professor/IT Department got			

	"Bronze Medal" for Inspire Campus Connect Faculty Excellence award from Infosys.
	• Mrs.P.Sailaja & Mr K. Sudharson, Assistant Professor/IT Department received **Wipro Certified Java Faculty**
	Brief Report enclosed

Distinguished Alumni and their details

S.No	Student Name & Photo	Batch	School Name with year of passing	Placed Company with salary package
1				**Ms.T.Chithra, IT department Alumna has secured 1st Mark in UPSC-IAS Interview held on 2018**
2	Aswin	2012 - 2016	**Velammal Metric School, Surapedu (2012 Batch)**	6.6 L(PA)
3	**Jeevitha**	2013 - 2017	**10th, 12th - Velammal Metric School, Surapedu (2013 Batch)**	6.1L(PA)
2	**Geetha**	2014 - 2018	**Velammal Metric School, Mugappair (2013 Batch)**	5L(PA)

S.No	Student Name & Photo	Batch	School Name with year of passing	Placed Company with salary package
4	**Venati Rachana**	**2015 – 2019**	**Velammal Metric School, Ponneri(2015 Batch)**	**kony** **Stay Ahead** **6.5L(PA)**
5	Sangeeth Chena	2015 – 2019	**10th – Velammal Vidalaya, Ponneri 12th Velammal Bodhi Campus, Ponneri(2015 Batch)**	**Kaar** *In Pursuit of Excellence* **5L(PA)**
6	UdhayaKumar	2015 – 2019	**10th, 12th – Velammal Metric, Surapedu(2015 Batch)**	**Kaar** *In Pursuit of Excellence* **5L(PA)**
6	Gayathri	2015 – 2019	**12th – Velammal Metric, Mugappair(2015 Batch)**	**GOFRUGAL** CONNECTING BUSINESS DIGITALLY **4.2 L(PA)**
7	Ruban	2015 – 2019	**12th – Velammal Metric, Ponneri (2015 Batch)**	**ZOHO** **4.5L(PA)**

S.No	Student Name & Photo	Batch	School Name with year of passing	Placed Company with salary package
8	Krishna Sharma	2016 - 2020	12th - Velammal Metric Hr. Sec School, Ponneri(2016 Batch)	**9.5L(PA)**
9	Sibi Sharanyan	2016 - 2020	10th, 12th – Velammal Metric Hr. Sec School, surapedu	**6.6L(PA)**
10	Rakesh Kumar	2016 – 2020	10th, 12th – Velammal Mteric Hr.Sec School, Mugappair	**5L(PA)**

VELAMMAL
INSTITUTE OF TECHNOLOGY
Approved by AICTE New Delhi, & Affiliated to Anna University Chennai
CSE,ECE,EEE,IT,MECH Accredited by NBA & NAAC
"Velammal Knowledge Park", Chennai – Kolkatta Highway, Ponneri – 601 204

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ACCREDITATION COUNCIL

DEPARTMENT OF MECHANICAL ENGINEERING

	2021-2022	2020-2021	2019-2020	2018-2019
Pass Percentage	-	100	100	94
% students passed with distinction	-	5	1	4
% students passed with First Class	-	76	62	91
No. of Rank Holders	-	1	1	-
Placement Percentage (%)	62% (In Progress)	62.7%	84.2%	63.2%
Average pay package in INR /year	3.2 LPA	2.8 LPA	2.5 LPA	3 LPA
No. of Students opted for Higher Studies	-	4	3	5
No. of students opted for Entrepreneurship	-	3	1	1
Professional Society, Memberships	ISTE			
Grants received by the department (in INR)- Brief mentioning	-	2.67 Lakhs	-	10.04659 Lakhs
Departmental Achievements in the past 4 years	**Department is accredited by NBA** - In 2019-20 Academic Year, Organized and delivered more than 50 Component of Learning in line with Academic Curriculum - In 2018-19 Academic Year, Organized and delivered more than 45 Component of Learning in line with Academic Curriculum - Department of Mechanical Engineering received Rs. 42.2 lakhs worth of Research facility to support R& D activities in CAD, CAE & Industrial Automation - Around 10 books relevance to our Anna University Curriculum were Published - Hyundai Creta Car - Hyundai Motor, Chennai- Worth 15 Lakhs - Padmini Car – Intelligence Quality, Chennai- Worth 0.4 Lakh - Industry Automation Laboratory- Worth 30 Lakh - ERP Automation Laboratory – Worth 4 Lakh (On Progress) - Modern Tool Usage – 7 Industry Certified Course Models for CAD/ CAE laboratory – Conquer Technology, Chennai - Our Students Participated won Prizes in International, National, State and District Level Sports Events. (Frisbee in			

	International and State Level, Cricket in National Level, Body Building & Boxing in District & State Level, Hockey in Zonal Tournament, Weight Lift in District Level, Yoga in State Level) • Won RMK Memorial Cricket Tournament 2019 • Automobile Lab Facility by Hyundai Motors & Intelligence Quality through Corporate Social Responsibility • Factory Automation Lab Facility by CDCE & EPR Lab through Corporate Social Responsibility • Modern tool Usage – Industry Course Content support for CAD/ CAE lab through Conquer Technology, Chennai. • One day Hands on Training for Assembly and Disassembly of I.C Engines- " Mechanic 2019"
Distinguished Alumni and their details	• Mr. P Kawshik placed in Byju's- The Learning Application as Business Development Associate • Mr. Nishant Solomon placed in Amazon Web Services (AWS) as Software Dev Engineer I • Mr. Pradeep placed in Danfoss A/S, NewDelhi as Deputy Manager Sales- North East • Ms. Indhumathi E placed in TVS Sundaram Fasteners Limited Chennai as Assistant Manager • Ms Basilica placed in TVS Sundaram clayton Limited Chennai as senior Engineer in production Engineering Department • Mr. Mohammed Ibrahim S.M placed in Kaar Technologies, Chennai as Business Development Executive

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCES

Course Overview

B.Tech. in **Artificial Intelligence and Data Science** program in Velammal Institute of Technology provides comprehensive coverage of knowledge in intelligent data analysis, methods and processes drawn from different domains such as statistics, cognitive and computing sciencesfor solving various challenging real - world problems. AI & DS is an umbrella course that incorporates the concepts of machine learning, deep learning, big data, computer vision and natural language processing. AI & DS direct a path to acquire useful information by identifying, collecting, cleaning, analyzing and interpreting of data.
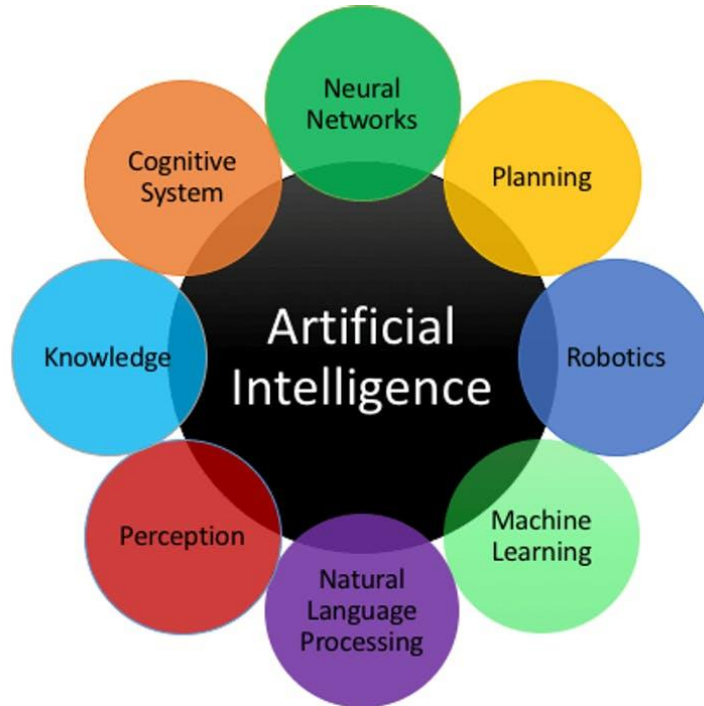
Key Features of the course:

- Artificial Intelligence (AI) deals with the intelligence demonstrated by machines to design solutions for the problems by observing the environmental changes.

- Data Science (DS) deals with the analysis of humongous amount of data to reveal hidden patterns and correlations to get new insights.

About the Department

The Department of Artificial Intelligence & Data Science was started in the year 2020 with a sanctioned intake strength of 60. With the advancement of Artificial Intelligence & Data Science, Students of Velammal I Tech are transformed to industry - ready professionals by building smart machines with cutting edge technologies like Machine Learning, Computer Vision, etc. The Department laboratories is equipped with well – established, interconnected computing resources to offer training in the required latest technology skills and also helps the students to meet their demands of the curriculum. The faculties of the Department are diligently working as a team to enhance the critical thinking abilities and problem solving skills of theirstudents. Apart from imparting conventional technical education and a rich learning environment, emphasis is laid on co-curricular activities such as Seminars, knowledge sharing by Domain Experts, Value Added courses, Collaborative Learning with reputed Universities of India and Abroad. The curriculum covers primitive courses such as Machine Learning, Deep Learning, Data Science using R programming, Natural Language Processing, Big Data Analytics, etc.

Infrastructure

Along with sound theoretical knowledge a thorough knowledge of practical problems encountered in the real world is required. Augmented with a modern computer center, the department offers the best and updated practical training. All the required softwares are installed with antivirus with periodic updates and maintenance of laboratories is at a high priority. The Computer Center has licensed packages to facilitate work in WINDOWS. Also, it has the commonly required latest licensed versions of ORACLE, VISUAL STUDIO AND MS OFFICE. All the computer labs are fully air conditioned with adequate centralized UPS backup.

Career Opportunities:

Artificial Intelligence and Data Science offers scope in the field of:

- Artificial Intelligence Engineer
- Database Administrator
- Data Architect
- Statistician

- Business Analyst
- Data and Analytics Manager
- Data Journalist
- Machine Learning Engineer
- AI & ML Lead
- Data Scientist
- Deep Learning Engineer
- Data Analyst
- Data Engineer
- NLP Engineer
- NLP Analyst
- Research Scientist

Student Participation:

S. No	Event Date	Event Name	Event Venue	Name of the Student	Participation/Prizes Won (I/II/III)
1.	16.06.2021 – 18.06.2021	Circuit Debugging	St. Joseph's College of Engineering	Deepak. S	I
2.	22.03.2021	Zonal Volleyball Tournament	Velammal Institute of Technology	Sreeharan.S	I
3.	08.03.2021	Mehndhi	Velammal Institute of Technology	Varahini T V	I
4.	07.04.2021 08.04.2021	Technical Quiz	Jeppiaar Engineering College	Monika. S	Participated
5.	07.04.2021 08.04.2021	Technical Quiz	Jeppiaar Engineering College	Sonaali. R	Participated
6.	30.04.2021	ASTHRA 2K21 CODEWAR	Meenakshi Sundararajan Engineering College	Raagavendran W P	Participated

Online Course Completion by Students:

S. No	Name of the Student	Course Title	Certified By	Certification Date
1.	Harshni S K	**The Guinness World Record Event** - Most users to take an Online Computer Programming lesson in 24 hours	AICTE, Guvi, NEAT, Buddi.ai	24.04.2021 – 25.04.2021
2.	Akhila S	Build a Face Recognition Application using Python	Guvi	25.04.2021
3.	Reshma G B	Build a Face Recognition Application using Python	Guvi	25.04.2021
4.	Deepak S	Build a Face Recognition Application using Python	Guvi	25.04.2021
5.	Deepak S	7 Days Bootcamp on Python and Data Visualisation	Charotar University of Science and Technology	07.04.2021 – 13.04.2021

DEPARTMENT OF MECHATRONICS ENGINEERING

Mechatronics Engineering is a universal solution with the aim of streamlining and managing various processes involved across multiple verticals heavily reliant on manufacturing, designing, processing and analytics. It includes a combination of robotics, electronics, computer, telecommunications, systems, control, and product engineering.

Mechatronics-A realization in current scenario

- Traditional degrees leading directly to closely aligned positions in industry are a thing of the past.

- Tomorrow needs individuals with advanced technical competencies capable of engaging in interdisciplinary research and industry applications.

- It is a faster way for companies to produce goods with the quality and speed modern consumers have come to expect.

- Graduates of Velammal Institute of Technology are sought after applied researchers and entrepreneurs, revitalizing the India and global economies in advanced manufacturing and automation.

- Advised by industrial advisory board members and other industry contacts to meet industry needs and to develop career pathways.

- Our university curriculum addresses the need for skilled advanced manufacturing technologies for industrial demands.

- Learning core and advanced design skills with implementation/instrumentation skills used in design and manufacturing of control systems.

Opportunities - A Variant of the field

- Advanced manufacturing & robotics

- Automotive control

- Defense Services

- Telecommunication & Information services

- Precision farming & food processing industries

- Medical Equipment design

- Renewable energy

- Transportation and Logistics
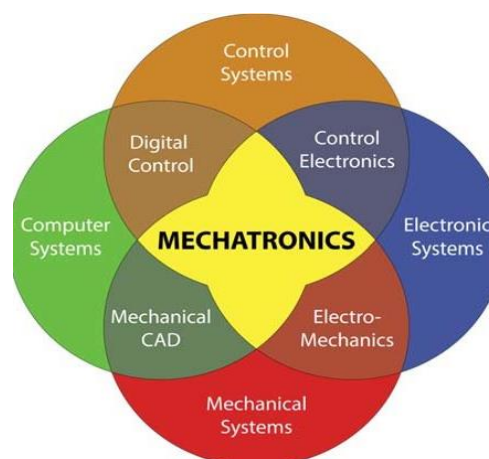
Core Competencies

- Machine vision

- Automation and robotics

- Servo-mechanics

- Sensing and control systems

- Automotive engineering, automotive equipment in the design of subsystems such as anti-lock braking systems

- Computer-machine controls, such as computer driven machines like IE CNC milling machines

- Medical Mechatronics, medical imaging systems

- Structural dynamic systems

- Computer aided and integrated manufacturing systems

- Engineering and manufacturing system

Physical Implications during Laboratory Courses

- Provide students an overview of Mechatronics systems and their applications.

- Provide students instructions on various Mechatronics systems, sensors, actuators and their applications to engineering problems.

- Provide students hands-on experience on identification and usages of electrical and electronic components and test equipment.

- Provide students hands-on experience on signal conditioning circuits such as amplifiers/A and A/D converters, sensors and actuators.

- Provide students hands-on experience for interfacing sensors and actuators for data acquisition and control using various software.

Vision

- To taught technical and scientific engineering skills and abilities for the holistic development and manufacture of Mechatronics products

Mission

- To build the understanding of global industry and career opportunities at present and future scenario

- To encourage the students to develop their problem solving and research skills based on interdisciplinary approach

- To engage in collaborative research with faculties and scientists on future-oriented topics of Mechatronics, robotics and AI

- To prepare the students to be proactive in creating the Start-Up Ecosystem

Short term goals

- Setting up all Laboratories in Mechatronics department

- Mandatory certification courses for all the students in every semester must be implemented

- Signing up 3 MoUs related to robotics, drone designing and 3D printing

- Creating one Centre of Excellence through Robert Bosch's Sensors & Transducer Laboratory

- Setting up 2-3 Funded laboratories on Robot mechanics and control in the department of Mechatronics engineering

- Conceiving the framework to establish 2 Start-Ups related to Mechatronics within the campus

- Organizing one International conference on Mechatronics, Automation and Robotics within 3 years of commencement.

Long term goals

- To establish various Centre of Excellence faculties under the context of machine vision, AI, Bio-Mechatronics and 3D printing technologies

- Conceiving and establishing the "Makers Space" ecosystem inside our campus to let the students and faculties to collaborate with multi-disciplinary ideas

- Maintain a strong tie-ups with different industries, R&D labs and public sector companies to incorporate value added courses relevant to industry demands.

- Program on HR Conclave to be organized to mark the confluence of ideas from industrialist, Entrepreneurs and HR managers.

11(ii) Consolidated details of faculty available for Science, Humanities & General Engineering

Designation	Maths	Physics	Chemistry	English	Gen.Eng g.	Total
Professor	1	0	0	0	0	1
Associate Professor	0	3	2	1	0	6
Assistant Professor	8	1	1	**4**	5	19
					Grand Total**(A)**	26

11(ii). Consolidated details of faculty for all the courses except M.E. / M.Tech.

S.No	Degree	Course(s)	Total Sanctioned Strength*(s)	Professor				Asso. Prof				Asst. Prof				Total no.of faculty members available (T=A1+A2+A3)
				R	A1	D%	CD	R	A2	D%	CD	R	A3	D%	CD	
1	B.E.	Computer Science and Engineering	360	2	2	0	0	4	5	0	0	12	12	0	0	19
2	B.E.	Electronics and Communication Engineering	360	2	3	0	0	4	5	0	0	12	12	0	0	20
3	B.Tech.	Information Technology	180	1	1	0	0	2	2	0	0	6	6	0	0	9
4	B.E.	Mechanical Engineering	330	2	2	0	0	4	4	0	0	11	11	0	0	17
5	B.E.	Electrical and Electronics Engineering	150	1	1	0	0	2	2	0	0	5	5	0	0	8
6	B.TECH	AI&DS	60	0	0	0		1	1	0		2	2	0	0	3
7	BE	MECHTRONICS	60	0	0	0		1	1	0		2	2	0	0	3
TOTAL																79

SL.No	Category	Department	Name of the staff	Designation
	12. Non teaching Staff			
1	Library and Physical Education - -	OTHERS-Physical Education	Mr. PORULARSAN S	Physical Education Director
2	Library and Physical Education - -	OTHERS-Physical Education	Mr. JAYAPRAKASH R	Physical Education Director
3	Library and Physical Education - -	OTHERS-library	Dr. MURUGAN V.R	Librarian
4	Library and Physical Education - -	OTHERS-library	Ms. Dhivya D	Others-attender
5	Library and Physical Education - -	OTHERS-library	Ms. Johnsi Rani N	Others-attender
6	Library and Physical Education - -	OTHERS-library	Mr. Dillibabu G	Others-assistant librarian
7	Library and Physical Education - -	OTHERS-Physical Education	Ms. VITHYA V	Physical Education Director
8	Ministerial Staff - -	OTHERS-admin	Mr. Raja D.K	Others-office assistant
9	Ministerial Staff - -	OTHERS-admin	Mrs. SRIMATHI S	Others-ADMIN MANAGER
10	Ministerial Staff - -	OTHERS-ADMIN	Mr. MANIKANDAN K	Others-ADMIN ASSISTANT
11	Ministerial Staff - -	OTHERS-ADMIN	Mr. SUBRAMANI R	Others-ADMIN ASSISTANT
12	Ministerial Staff - -	OTHERS-ADMIN	Ms. PRIYANKA K	Others-CASHIER
13	Ministerial Staff - -	ELECTRICAL AND ELECTRONICS ENGINEERING--	Mrs. KAVITHA M	Others-OFFICE ASSISTANT
14	Ministerial Staff - -	OTHERS-ADMIN	Mr. MATHIVANAN T	Others-WARDEN
15	Ministerial Staff - -	OTHERS-ADMIN	Mrs. ANANDHI J	Others-WARDEN
16	Ministerial Staff - -	OTHERS-ADMIN	Mrs. HELAN P	Others-WARDEN
17	Ministerial Staff - -	OTHERS-ADMIN	Mr. VENKATESAN K	Others-STP OPERATION
18	Ministerial Staff - -	OTHERS-MAINTENANCE	Mr. JHANARRTHANAM CR	Others-PLUMBING
19	Ministerial Staff - -	OTHERS-admin	Mr. Ravikumar P.V	Others-office assistant
20	Ministerial Staff - -	OTHERS-admin	Mr. Dhanasekar M	Others-office assistant

SL.No	Category	Department	Name of the staff	Designation
		12. **Non teaching Staff**		
21	Ministerial Staff - -	OTHERS-admin	Mr.Gowtham	Others-clerk
22	Ministerial Staff - -	OTHERS-admin	Mr. Munusamy V	Others-office assistant
23	Ministerial Staff - -	OTHERS-admin	Mr. Babu V	Others-office assistant
24	Others - MAINTANANCE	OTHERS-ELECTRICIAN	Mr. NAGARAJAN R	Others-ELECTRICIAN
25	Technical Staff - -	COMPUTER SCIENCE AND ENGINEEERING--	Mr. Sathish Kumar E	Lab Instructor
26	Technical Staff - -	COMPUTER SCIENCE AND ENGINEEERING--	Mr. Senthil Kumar T.K	Others-system admin
27	Technical Staff - -	ELECTRICAL AND ELECTRONICS ENGINEERING--	Mr. Jabakumar R	Lab Instructor
28	Technical Staff - -	INFORMATION TECHNOLOGY--	Mr. Udaya kumar M	Lab Instructor
29	Technical Staff - -	PHYSICS--	Mr. SRINIVASAN D	Lab Instructor
30	Technical Staff - -	ELECTRONICS AND COMMUNICATION ENGINEERING--	Mr. POORNACHANDRAN R	Lab Instructor
31	Technical Staff - -	ELECTRONICS AND COMMUNICATION ENGINEERING--	Ms. SUMA M	Lab Instructor
32	Technical Staff - -	MECHANICAL ENGINEERING--	Mr. KUMARAVEL M	Lab Instructor
33	Technical Staff - -	INFORMATION TECHNOLOGY--	Mr. SADDAM SHEIKH	Others-System Admin

SL.No	Category	Department	Name of the staff	Designation
		12. Non teaching Staff		
34	Technical Staff - -	CHEMISTRY--	Ms. SASIKALA V	Lab Instructor
35	Technical Staff - -	OTHERS-WORKSHOP	Mr. SRINIVASAN C	Others-FITTER
36	Technical Staff - -	OTHERS-workshop	Mr. Sathish Kumar R.N	Lab Instructor
37	Technical Staff - -	OTHERS-workshop	Mr. Gunasekaran B	Lab Instructor
38	Technical Staff - -	MECHANICAL ENGINEERING--	Mr. MANOHARAN P	Others-WELDER
39	Technical Staff - -	MECHANICAL ENGINEERING--	Mr. RAMESH J	Lab Instructor
40	Technical Staff - -	COMPUTER SCIENCE AND ENGINEEERING--	Ms. SARANYA s	Lab Instructor
41	Technical Staff - -	INFORMATION TECHNOLOGY--	Mr. JEYA KUMAR V	Lab Instructor

15(i). Central Computing Facility Area

Projected Area (sq.m)	150
Area available(sq.m)	305

15.(ii) Terminals Lan Wan

Sl.No.	Course Type	Number of Terminals with p4 processor or higher	Number of Terminals On LAN /WAN	Number of Printers
1	B.E./B.Tech	600	600	25

15.(iii) Softwares

Softwarerequired	Nameofthesoftwareavailable
Systemsoftware-(Three)	1. WINDOWSSERVER2008 2. WINDOWS7 3. LINUX
ApplicationSoftware-(Twenty)	1. ORACLE11G 2. TURBOC 3. CREO 4. MSCNASTRAN 5. AUTOCAD 6. LABVIEW 7. VERSAPROPROGRAMMINSOFTWARE 8. RSLINXCOMMUNICATIONSOFTWARE 9. HYDROSIM 10. PNEUMOSIM 11. RSLOGIX500STARTERPROGRAMMINGSOFTWARE 12. KEIL 13. MATLAB 14. XILINUX 15. CADENCE 16. EDWINXP 17. ORCADELECTRIONICPCBDESIGNSUITE 18. SDRFORLINKSIMULATION 19. MSCADMS 20. EDGECAM 21. MSCPATRAN

15.(iv) Network Connectivity

Network Connectivity	
Available Bandwidth in Mbps	100
Number of nodes with internet connection	480
Deficiency %	0.00

16(i). Library Area

Type of Institution	Engineering Courses
Projected Area (sq.m)	400
Area available(sq.m)	1030

16(ii).Library Books

	Required	Available	Deficiency %
Science & Humanities			
No. of volumes(M1)	1000	2234	0.00
No. of volumes added for the year 2022-2023 (M3)	140	424	0.00
Total no. of volumes (M1+M2+M3)	10100	19961	0.00
Engg./Tech.,Arch &plan., Management and Computer applications			
No.of titles(T)	1400	4125	0.00
No.of volumes(M2)	8960	17303	0.00

16(iii). Library Journals

Degree	Course	Available
B.E.	Computer Science and Engineering	12
B.E.	Mechanical Engineering	12
B.E.	Electrical and Electronics Engineering	12
B.E.	Electronics and Communication Engineering	12
B.E.	Mechatronics Engineering	**12**
B.Tech.	Information Technology	12
B.Tech	Artificial Intelligence and Data Sciences	**12**

17(i). Class Rooms availability in the whole college

Sl.No.	Name of the Block	Area (Length * Width) in sq.m.	Number of Rooms	Type of roof	Capacity
1	Velammalitech	81	40	Permanent	2503.64

17(ii). Summary of Class Rooms availability

Required	Available	Deficiency %
30	40	0

18. Number of Drawing halls / Conference halls

Degree	Number ofStudios Required	Number Available	Deficiency %	Area of theeach drawing hall required (sq.m.)	Area of the drawing hall available (sq.m.)	Deficiency %
B.E.	2	4	0	132	1220	0

19(i). Administrative Area

SI.NO	Building space for	Carpet Area required (sq.m.)	Available (sq.m.)	Deficiency %
1	Principal	30	71.5	0 %
2	Director office	30	71.5	0 %
3	Board Room	20	81	0 %
4	Office all inclusive (One program)	150	436.7	0 %
5	Department offices	20	30	0 %
6	Cabins for Head of Departments	20	20	0 %
7	Central Stores	30	30	0 %
8	Maintenance	10	20	0 %
9	Security	10	20	0 %
10	Housekeeping	10	20	0 %
11	Pantry for staff	10	20	0 %
12	Examinations Control office	30	80	0 %
13	Placement office	30	200	0 %

19 (ii). Amenities

S.No.	Building space for	One Program required (sq.m.)	Available (sq.m.)	Deficiency %
1	Gents Toilet / Ladies Toilet	150	648	0 %
2	Boys Common Room	75	250	0 %
3	Girls Common Room	75	111	0 %
4	Cafeteria	150	400	0 %
5	Stationery Store & Reprography	10	40	0 %
6	First Aid cum Sick room	10	50	0 %
7	Guest House	30	40	0 %
8	Sports Club / Gymnasium	100	200	0 %
9	Auditorium / Amphi Theater	250	500	0 %
10	Boys Hostel	Adequate	2352	0 %
11	Girls Hostel	Adequate	1776	0 %

20(i). Hostel Details

Hostel	Buildings	Location	Block Name	Carpet area of room (sq.m.)	Number of rooms Required	Number of rooms Available	Room capacity Required (sq.m.)	Room capacity Available
Yes	Owned	Inside Campus	Boys hostel	24	60	98	1440	2352
Yes	Owned	Inside Campus	Girls hostel	24	35	74	840	1776

20(ii). Hostel Summary

Room Type	Total hostel capacity required (sq.m.)	Total hostel capacity available (sq.m.)	Deficiency %
Others(Boys Hostel)	1440	2352	0
Others(Girls Hostel)	840	1776	0

20(iii). Other related building areas

Description of the area	Required carpet area (sq.m.) per hostel unit of 120 students	Available carpet area (sq.m.)	Deficiency %
Kitchen and Dining Hall	200	300	0 %
Indoor games cum Common hall	150	305	0 %
Medical room (for all hostels)	50	62	0 %
Canteen	50	101	0 %
Warden office	18	30	0 %
Warden office Additional 4 rooms of 9 (sq.m.) each within the blocks	36	50	0 %
Guest rooms (2 nos)	18	30	0 %
Guest rooms Additional 4 rooms of 9 (sq.m.) each within the blocks	36	50	0 %
Toilets	75	295	0 %

21. Physical Education

SL.No	Description	Details
1	**Total area of the playground(sq.m)**	20234.00
2	**Details of the outdoor Games available**	1 FOOT BALL 2 VOLLEY BALL 3 HOCKEY 4 CRICKET
3	**Details of the Indoor Games available**	1 CHESS 2 CARROM 3 BADMINTON 4 TABLE TENNIS
4	**Details of gymnasium available**	1GYM AVAILABLE

22(i). Training and Placement Cell

Sl.No.	Name	Designation	Department
1	Mr. GANESAN M	Assistant Professor	TRAINING AND PLACEMENT CELL

22(ii). Facilities available

Sl.No	Item	Available (Yes/No)
1.	Conference Hall	YES
2.	Interview Room	YES
3.	OHP	YES
4.	LCD projector	YES
5.	Audio visual facilities	YES

23. Alumni Association

Sl.No	Alumni association	Available(YES/NO)
1.	Is alumni association functioning in the college?	YES

24(i). Other Amenities

Sl.No	Item	Available(Yes/No)
1.	Drinking Water facility	YES
2.	Electric Supply	YES
3.	Generator (min.25 KVA)	YES
4.	Sewage Disposal	YES
5.	Telephone facility	YES
6.	Vehicle Parking Stand	YES
7.	Website	YES
8.	Barrier free built environment for disable	YES
9.	Safety Provisions(Fire and Others)	YES
10.	General Insurance for Assets	YES
11.	All Weather Approach road	YES
12.	Notice Boards	YES
13.	Public Announcement System	YES
14.	ERP for student-institution, Parent interaction	YES
15.	Transport facilities for staff and students	YES
16.	CCTV Security	YES
17.	LCD in Class Rooms	YES
18.	Staff Quarters	YES
19.	Rain Water Harvesting Structures	YES

Extra-Curricular/Co-Curricular Activities

Cultural activities	:	The college's fine arts group is holding events. Competitions for cultural activities such as skit, mime, singing, quiz, adzap, painting, photography, and others are held on a regular basis. Students are encouraged to participate in intercollegiate cultural events and television shows.
Sports activities	:	The department of Physical Education encourages students to participate in sports on a regular basis. Day scholars are supplied with separate transport services for after-college practice sessions. Our institution has received laurels at Anna University Zone I sports events by holding the number one position seven times in a row, a record. The regular sports elements include an annual sports meet, the Velammal Sports Trophy, and the opportunity for students to compete in intercollegiate and invitational competitions.
Literary activities	:	In our college, there is a Literary Club. Competitions such as elocution, debate, and so on are held on a regular basis. Students are encouraged to engage in literary events hosted at other institutions and in the media. The foreign languages club encourages kids to learn other languages
Magazine/Newsletter	:	The annual College magazine is published. The college publishes bi-annual newsletter. Aside from that, a few departments publish a departmental newsletter to showcase their activities and accomplishments.
Technical activities/ Tech Fest	:	Each department has a technical club. There are intra- and inter-departmental paper presentations, quizzes, and project contests. Students are encouraged to attend conferences, symposiums, workshops, and other events hosted by other Universities/institutions and organizations.
Industrial Visits/Tours	:	A minimum of two industry visits for each semester/class have been scheduled to provide students with industrial exposure.
Alumni activities	:	The alumni are the institution's main source of strength. The alumni gathering is held once a year, and alumni from various branches of the undergraduate programmes will attend to share their perspectives and provide ideas for improvement. The management will gladly host this. Mementos are given to the Alumni. This gathering will benefit both the institution and alumni, who will be able to meet with their friends and facuties to exchange information and perspectives. Alumni's will interact with the institution to give guest lectures and seminars to students in their fields of expertise, as well as to inspire the next generation. Successful entrepreneurs from our alumni are asked to speak about their experiences and inspire students. The alumni aid final-year engineering, business administration, and computer applications students in obtaining project placements and summer internships at their firms, or they assist them through their references.

		They also aid students in obtaining business placement. The alumni association and frequent meetings set the route for students' successful placements. The college enters into Memorandums of Understanding with alumni owned organisations and has numerous connections with the corporate sector . This allows us to stay up to date on current events in the business world.
Counseling/Mentoring		
Career Counseling	:	Faculty members serve as counselors/mentors to small groups of students, guiding them in their curricular/co-curricular activities as well as their personal development. Students are encouraged to pursue further education and compete in competitive tests like as the GRE, GATE, and IAS. The institution's training and development division provides special coaching programmes for the aforementioned tests on campus for interested and eligible students. Career counselling seminars and workshops are held on a regular basis.
Medical facilities	:	Available