ACADEMIC AND ADMINISTRATIVE AUDIT REPORT

INTERNAL AUDIT

ACADEMIC YEAR 2025-2026

DATE: 13.03.2026 AND 14.03.2026

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC / 2025-2026 /CIRCULAR/01 Date: 16.02.2026

CIRCULAR

This is to inform that Internal Quality Assurance Cell plans to conduct an Internal Academic and Administrative Audit (AAA) for the academic year 2025-2026 (Odd Semester) during March 13-14, 2026. In this connection, all HoDs are requested to prepare the AAA report as per the format provided by IQAC. The soft copy of the AAA manual will be shared to the all HoDs and other officies of AO/Dean and all concerned are requested to complete AAA manual and share with IQAC mail (iqac@smvec.ac.in) on or before 09.03.2026. The internal expert members nominated by IQAC as attached will verify all the details provided in AAA report along with supporting documents. Your cooperation in this regard is highly appreciated.

IQAC Coordinator
(Dr. Arivalagar.AA)
Dr. A.A. ARIVALAGAR, M.Tech., Ph.D.,
IQAC Co-ordinator
Sri Manakula Vinayagar Engineering College
(An Autonomous Institution)
Madagadipet, Puducherry-605 107.

Director cum Principal
(Dr.V.S.K.Venkatachalapathy)

A copy submitted to Director cum Principal

Cc

The Controller of Examinations|Dean Academics I |Dean Academics II |Dean, R&D | Dean Placement | Principal (SoA) | HoD (EEE) | HoD (ECE) | HoD(CSE) | HoD (IT) | HoD (ICE) | HoD (Civil) | HoD(Mech) | HoD (Mechatronics) | HoD (BME) | HoD (AI&DS) | HoD (CCE) | HoD (CSBS) | HoD (FT) | HoD (Management Studies) | HoD (Computer Application) | AO |Office file

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

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NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC/IQAC/Note/25-26/01 16.02.2026

Note

Submitted

Sub: Nomination of Internal Expert Member for Academic and Administrative Audit Process - Reg.

With reference to the above subject, it is planned to conduct the Internal Academic and Administrative Audit on 13.03.2026 and 14.03.2026 for the Academic Year 2025-2026 (Odd Semester). The following internal expert members are nominated to conduct the Audit in the respective departments.

Sl.No.	Name of the Expert Member	Designation /Department	Auditing Department
1	Dr. A.V. Srinath	Associate Professor/ BME	EEE and AI&DS
	Dr. R.Sivakumar	Associate Professor/ EEE	
2	Dr. N.Thilagavathi	Professor/ IT	ECE and MCTR
	Dr. A. Karunamurthy	Associate Professor/ MCA	
3	Dr. S. Pougajendy	Professor/ MBA	CSE and CSEBS
	Dr. J. Pradeep	Professor/ ECE	
4	Dr. K. Naveen Kumar	Associate Professor/ ICE	IT and BME
	Dr. N. Pazhaniraja	Associate Professor/ CSE	
5	Dr. S. Ganesh Kumaran	Associate Professor/ Mech	MECH and ICE
	Dr. S. B. Lenin	Professor/ ECE	
6	Dr. L.Martin	Associate Professor/ MECH	CCE and CIVIL
	Dr. M. Shanmugam	Associate Professor/ CSE	
7	Dr. Amalraj Victoire	Associate Professor/ MCA	B. ARCH
	Dr. D. Sivaraj	Associate Professor/ EEE	
8	Dr. J Pavalavana Pandian	Assistant Professor/ MBA	MCA and MBA
	Dr. D. Raja	Associate Professor/EEE	
9	Dr.P. Raja Dr.A.A. Arivalagar	Professor and HOD IQAC Coordinator	AO/Admin Office Office of CoE Office of Deans

(Dr. Arivalagar.AA)
IQAC Coordinator

For Approval

(Dr.V.S.K.Venkatachalapathy)
Director cum Principal

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ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENTS
Academic Year 2025-2026
Internal Audit

SECTION –1: BASIC INFORMATION

Audit Date	13.3.2026
Name of the Department	**ELECTRICAL AND ELECTRONICS ENGINEERING**
Year of Establishment	1999
Head of the Department	Dr.P.Jamuna M.E., Ph.D
Programs Offered	Name of the Program: U.G Program -B.Tech Electrical and Electronics Engineering — Approved Intake: 120
Programs Discontinued if any	P.G Program M.Tech – Power Electronics and Drives
Number of full time Teachers	Professor: Available 3; Associate Professor: Available 6; Assistant Professor: Available 19 (Sanctioned / Filled blank)
Number of Technical Staff	
Number of Students	For UG:B.Tech(EEE) / For PG :
Faculty Student Ratio	For UG : 1 :15 / For PG ------:-

For UG:B.Tech(EEE)

Year	M	F	Total
First Year	**88**	**27**	**115**
Second Year	**88**	**37**	**125**
Third Year	**82**	**30**	**112**
Fourth Year	**84**	**28**	**112**
Total	**342**	**122**	**454**

For PG :

Year	M	F	Total
First Year			
Second Year			
Total			

SECTION –2: CURRICULAR ASPECTS

Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	**Yes**	
2	Faculty Subject Preferences	**Yes**	
3	Elective choices from the Students	**Yes**	
4	Course allotment to the Faculty	**Yes**	
5	Time Table (UG and PG)	**Yes**	
6	Lesson plan for each course	**Yes**	

Curriculum/syllabus revision

S.No	Program Name	Regulation	Last Revised on
1	B.Tech(EEE)	R2023	19.3.2025

Summary of changes in Curriculum/syllabus

S. No.	Regulation	Year / Semester	Course Name with Code	Unit	Changes Incorporated
1	R-2023	IV/VII	INDUSTRIAL AUTOMATION AND CONTROL / U23EET714	V	The topics "IoT application protocols - Message Queueing Telemetry Transport, HyperText Transfer Protocol" are included
2	R-2023	IV / VII	ADVANCED ELECTRIC DRIVES AND CONTROL / U23EEE716	III	The topic "Vector Control" is included
3	R-2023	IV/VII	MULTILEVEL POWER CONVERTERS / U23EEE717	II, III	Units 2 and 3 have been rearranged
				III	Entire units are discussed with control techniques for Multilevel inverters
4	R-2023	IV / VII	MODELLING AND SIMULATION OF GREEN ENERGY SYSTEMS / U23EEE720	-	The contents are more in the syllabus and hence removed the following topics.
				I	Removed the topic "Modelling and Simulation Process of Simple Electrical circuit"
				II	Removed the topics "Modified P&O Method, PV Pumping system modeling based on AC and DC machines"
				IV	Removed the topic "Tidal Current Plant Simulation"
5	R-2023	IV/VII	PROTECTION AND SWITCHGEAR / U23EEE823	I	Solid state control is included
6	R-2023	IV/VIII	AI TECHNIQUES IN ELECTRICAL SYSTEMS / U23EEE825	II	Added Machine Learning concepts as a separate Unit
				III	Added Deep learning concepts as a separate Unit
7	R-2023	IV/VIII	INDUSTRIAL ELECTRICAL SYSTEM/ U23EEE826	II	The topic"Earthing system" is added
				III	The title of the Unit-III is changed to "Industrial Illumination" and the related contents are added
				IV	Unit-IV title is changed to "Substation Installation"
8	R-2023	IV/VIII	POWER ELECTRONICS FOR RENEWABLE ENERGY SYSTEMS / U23EEE827	II, III, IV	Units II, III and IV have been rearranged with power electronics converters used for various renewable energy systems
9	R-2023	IV/VIII	OPTIMIZATION TECHNIQUES / U23EEE829	I	The topic Evolution of optimization techniques is included
				II, III, IV	Units II, III and IV have been rearranged with basic and advanced optimization techniques

List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1.	IV/VII	Special Electrical Machines	U20EEE720	57
2.	IV/VII	Fuzzy logic and neural networks	U20ICCM01	55
3.	III/V	Utilization of Electrical Energy	U23EEE506	53
4.	III/V	Automotive Electronics for Electrical Engineering	U23EEE509	55

List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1.	IV/VII	ECE	Internet of Things	U20ECCM04	52
2.	IV/VII	AIDS	Artificial Intelligence Applications	U20ADO706	50
3.	III/V	MBA	New Product Development	U23HSOC02	54
4.	III/V	MBA	Marketing Management	U23HSOC05	54

List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1.	II/III	Skill Enhancement Course – I: Design of Solar power plant and Installation [SEC I]	U23EES301	115

List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	II/III	Certification Course – III: Databases	U23EEC536	115
2	III/V	Certification Course – V: Advance Java Programming	U23EEC536	112

List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I	Induction Programme	U23EEM101	115
2	II	Climate Change	U23EEM303	115
3	III	Essence of Indian Traditional Knowledge [MC]	U23EEM505	112
4	IV	Professional Ethics [MC]	U20EEM707	112

List of Add-on/Value Added/MOOC Courses conducted by the department

S.No	Year / Sem	Name of the Course	Course Code	Number of Students Registered	Number of Students Successfully Completed
1	IV/VII	Introduction to IoT	U20EES608	16	16
2	IV/VII	Programming in JAVA	U20EES608	1	1
3	IV/VII	5G wireless design	U20EES608	1	1
4	IV/VII	Embedded system design with ARM	U20EES608	1	1
5	IV/VII	Cloud computing	U20EES608	1	1
6	IV/VII	Industrial safety Engineering	U20EES608	7	7
7	IV/VII	Electronic system design	U20EES608	3	3
8	IV/VII	Cyber security and privacy	U20EES608	3	3
9	III/V	Introduction to IOT	-	34	34
10	III/V	Sustainable energy technology	-	4	4
11	III/V	AI basic concepts and techniques	-	1	1
12	III/V	Cloud computing	-	9	9
13	III/V	Public speaking	-	8	8
14	III/V	Basic course on electric and magnetic circuit	-	1	1
15	III/V	Introduction to large language models	-	1	1
16	III/V	Programming in JAVA	-	1	1
17	III/V	Industrial safety Engineering	-	1	1
18	III/V	Analog circuit and system	-	1	1
19	II/III	Introduction to IOT	-	6	6
20	II/III	Problem solving through programming in C	-	1	1
21	II/III	AI concepts and techniques	-	4	4
22	II/III	Cloud computing	-	2	2
23	II/III	Cyber security and privacy	-	2	2
24	II/III	Internet of things	-	1	1
25	II/III	Digital circuits	-	1	1
26	II/III	Introduction to psychology	-	1	1

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
Batch:2022-2026:IV/VII/A					
June 2025-November 2025					
1.	Industrial Automation and Control/ U20EET720	Mr.G.Rajavel	45	45	55
2.	Electric Vehicle Technology/ U20EECM02	Mr.A.Janagiraman	45	45	50
Professional Elective - IV [PE IV]					
3.	Special Electrical Machines/ U20EEE720	Dr.D.Raja	45	45	47
4.	Fuzzy Logic and Neural Networks/ U20ICCM01	Dr. S.Anbumalar	45	45	61
Open Elective [OE-IV]					
5.	Internet of Things/U20ECCM04	Mr.J.Muruganandham	45	45	59
6.	Artificial Intelligence Applications/U20ADO706	Dr.P.Jamuna	45	45	61
Practical					
7.	Business Basics for Entrepreneur/U20HSP703	Mrs.B.Geetha	30	30	23
8.	Industrial Automation and Control Lab/ U20EEP715	Mr.G.Rajavel	30	30	42
9.	Electric and Hybrid Vehicle Lab/U20EEP716	Mr.B.Parthiban	30	30	45
10.	Electrical Software Simulation Lab/U20EEP717	Mrs.A.S.Amathullah	30	30	48
Project Work					
11	Project Phase – I [PP I]/ U20EEW701	Dr. D.Raja	30	30	90
12	Internship / Inplant Training/ U20EEW702	Mr.J.Muruganandham	-	-	-
Mandatory Course					
13	Professional Ethics [MC]/ U20EEM707	Ms.T.Abinayasaraswathy	30	30	20
BATCH:2022-2026:IV/VII/B					
1.	Industrial Automation and Control/ U20EET720	Dr.M.Prabavati	45	45	58
2.	ElectricVehicle Technology/ U20EECM02	Dr. D.Sivaraj	45	45	62
Professional Elective - IV [PE IV]					
3.	Special Electrical Machines/ U20EEE720	Dr.D.Raja	30	30	47

4.	Fuzzy Logic and Neural Networks/ U20ICCM01	Dr. S.Anbumalar	30	30	61
	Open Elective [OE-IV]				
5.	Internet of Things/U20ECCM04	Mr.J.Muruganandham	45	45	59
6.	Artificial Intelligence Applications/U20ADO706	Dr.P.Jamuna	45	45	61
	Practical				
7.	Business Basics for Entrepreneur/U20HSP703	Mrs.R.Keerthana	30	30	27
8.	Industrial Automation and Control Lab/ U20EEP715	Dr.M.Prabavati	30	30	34
9.	Electric and Hybrid Vehicle Lab/U20EEP716	Dr.D.Sivaraj	30	30	33
10.	Electrical Software Simulation Lab/U20EEP717	Mrs.T.Porselvi	30	30	60
	Project Work				
11.	Project Phase – I [PP I]/ U20EEW701	Dr.P.Jamuna	30	30	87
12.	Internship / Inplant Training/ U20EEW702	Mr.J.Muruganandham	-	-	-
	Mandatory Course				
13	Professional Ethics/U20EEM707	Mr.R.Vignesh	30	30	21
	BATCH:2023-2027:III/V/A				
1.	Research Methodology /U23HSTC02	Dr.D.Sivaraj	45	45	34
2.	Programming in Java/ U23ITTC02	Mr.J.Muruganandham	45	45	61
3.	Electrical Measurements and Instrumentation/U23EET509	Mr.S.Elanthamizh	45	45	52
4.	Microprocessor and Microcontroller/U23EET510	Mr.S.John Powl	45	45	51
	Professional Elective-II				
5.	Utilization of Electrical Energy/U23EEE506	Dr.M.Susitra	30	30	45
6.	Automotive Electronics for Electrical Engineering/U23EEE509	Mr.G.Rajavel	30	30	46
	Open Elective - I [OE I]				
7.	New Product Development/U23HSOC02	Mrs.S.S.Kayalvizhi	30	30	47
8.	Marketing Management/U23HSOC05	Mr.S.Amresh	30	30	47
	Practical				
9.	Programming in Java Laboratory/U23ITPC02	Mr.J.Muruganandham	30	30	39
10.	Electrical Measurements and Instrumentation Laboratory/U23EEP507	Mr.S.Elanthamizh	30	30	39
11.	Microprocessor and Microcontroller Laboratory/U23EEP508	Mr.S.John Powl	30	30	36

Project Work					
12.	Micro Project/ U23EEW501	Dr.M.Prabavati	30	30	39
Mandatory Course					
13	Essence of Indian Traditional Knowledge/U23EEM505	Ms.T.Abinayasaraswathy	30	30	31
BATCH:2023-2027:III/V/B					
1.	Research Methodology /U23HSTC02	Dr.S.Ganesh kumaran	45	45	33
2.	Programming in Java/ U23ITTC02	Mr.J.Muruganandham	45	45	63
3.	Electrical Measurements &Instrumentation/U23EET509	Mrs.T.Porselvi	45	45	54
4.	Microprocessor and Microcontroller/U23EET510	Mr.S.Mugundan	45	45	54
Professional Elective-II					
5.	Utilization of Electrical Energy/U23EEE506	Dr.M.Susitra	30	30	45
6.	Automotive Electronics for Electrical Engineering/U23EEE509	Mr.G.Rajavel	30	30	46
Open Elective - I [OE I]					
7.	New Product Development/U23HSOC02	Mrs.S.S.Kayalvizhi	30	30	47
8.	Marketing Management/U23HSOC05	Mr.S.Amresh	30	30	47
Practical					
9.	Programming in Java Laboratory/U23ITPC02	Mr.I.Shivasankkar	30	30	37
10.	Electrical Measurements and Instrumentation Laboratory/U23EEP507	Mrs.T.Porselvi	30	30	37
11.	Microprocessor and Microcontroller Laboratory/U23EEP508	Mr.S.Mugundhan	30	30	37
Project Work					
12.	Micro Project/ U23EEW501	Mr.B.Parthiban	30	30	32
Mandatory Course					
13	Essence of Indian Traditional Knowledge/U23EEM505	Ms.T.Abinayasaraswathy	30	30	31
BATCH:2024-2028:II/III/A					
1	Probability and Statistics/U23MATC03	Ms. M. Guna	45	45	57
2	Programming in Python/ U23ADTC01	Mr.I.Shivasankkar	45	45	42
3	Electromagnetic Theory/ U23EET304	Mr.R.Vignesh	45	45	42
4	Electrical Machines – I/ U23EET305	Mr.R.Ragupathy	45	45	42
5	Electronics – III/ U23EET306	Ms.T.Abinayasaraswathy	45	45	52
Theory Cum Practical					
6	Electric Circuit Analysis/ U23EEB301	Mr.B.Raghunath	30	30	57
Practical					

7	General Proficiency – I /U23ENPC01	Mr.A.Antonie prasad	30	30	34
8	Engineering Mathematics Laboratory/U23MAPC01	Ms. M. Guna	30	30	30
9	Programming in Python Laboratory/U23ADPC01	Mr.R.Vignesh	30	30	34
10	Electrical Machines – I Laboratory/U23EEP304	Mr.R.Ragupathy	30	30	35
	Ability Enhancement Course				
11	SEC– I: Design of Solar power plant and Installation [SEC I]/ U23EES301	Mr.R.Vignesh	30	30	16
	Mandatory Course				
12	Climate Change/U23EEM303	Mrs.T.Porselvi	30	30	20
	BATCH:2024-2028:II/III/B				
1	Probability and Statistics/U23MATC03	Mrs.R.Chandrapraba	45	45	60
2	Programming in Python/ U23ADTC01	Mr.R.Vignesh	45	45	44
3	Electromagnetic Theory/ U23EET304	Mrs.T.Porselvi	45	45	49
4	Electrical Machines – I/ U23EET305	Mr.B.Raghunath	45	45	45
5	Electronics – III/ U23EET306	Mr.R.Ragupathy	45	45	46
	Theory Cum Practical				
5	Electric Circuit Analysis/ U23EEB301	Dr.S.Ganeshkumaran	30	30	59
	Practical				
6	General Proficiency – I /U23ENPC01	Mr.A.Antonie Prasad	30	30	39
7	Engineering Mathematics Laboratory/U23MAPC01	Mrs.R.Chandrapraba	30	30	33
8	Programming in Python Laboratory/U23ADPC01	Mr.R.Vignesh	30	30	35
9	Electrical Machines – I Laboratory/U23EEP304	Mr.B.Raghunath	30	30	36
	Ability Enhancement Course				
10	SEC– I: Design of Solar power plant and Installation [SEC I]/ U23EES301	Mr.R.Vignesh	30	30	13
	Mandatory Course				
11	Climate Change/U23EEM303	Mr.R.Ragupathy	30	30	18
	BATCH:2025-2029:I/I/A				
1	Engineering Mathematics – I/U23MATC01	Mr. R. Rajesh	45	45	45
2	Physical Science for Engineers/ U23BSTC01	Mr. K. Oudhayakumar	45	45	45
		Dr. H. Rosi	45	45	45
3	Engineering Mechanics/ U23ESTC02	Dr.B.Ilangovan	45	45	45
4	Electrical Engineering U23EET101/	Mr.K.Thangaraj	45	45	45
5	Electronics – I/ U23EET102	Mrs.A.S.Amathullah	45	45	45

Theory cum Practical					
6	Communicative English – I/ U23ENBC01	Ms.R.Gajalakshmi	30	30	30
Practical					
7	Design Thinking and IDEA Lab/ U23ESPC02	Dr.M.Susitra	30	30	30
8	Electrical Engineering Laboratory/ U23EEP101	Mr.K.Thangaraj	30	30	30
9	Electronics – I Laboratory/ U23EEP102	Mrs.A.S.Amathullah	30	30	30
Mandatory Course					
10.	Induction Programme/ U23EEM101	Mr.S.Elanthamizh	30	30	30
BATCH:2025-2029:I/I/B					
1	Engineering Mathematics – I/U23MATC01	Mrs.S.P.Lavanya	45	45	45
2	Physical Science for Engineers/ U23BSTC01	Mr. K. Oudhayakumar	45	45	45
		Dr. H. Rosi	45	45	45
3	Engineering Mechanics/ U23ESTC02	Dr.B.Ilangovan	45	45	45
4	Electrical Engineering U23EET101/	Mr.S.Elanthamizh	45	45	45
5	Electronics – I/ U23EET102	Mr.K.Thangaraj	45	45	45
Theory cum Practical					
6	Communicative English – I/ U23ENBC01	Ms.R.Gajalakshmi	30	30	30
Practical					
7	Design Thinking and IDEA Lab/ U23ESPC02	Dr.S.Ganesh kumaran	30	30	30
8	Electrical Engineering Laboratory/ U23EEP101	Mr.S.Elanthamizh	30	30	30
9	Electronics – I Laboratory/U23EEP102	Mr.G.Rajavel	30	30	30
Mandatory Course					
10.	Induction Programme/ U23EEM101	Dr.S.Ganesh kumaran	30	30	30

3.2 Use of ICT Tools in Teaching Learning

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Dr. S. Anbumalar	Professional Elective – IV: Fuzzy Logic and Neural Networks - U20ICCM01	MATLAB
2.	Dr. P. Jamuna	Open Elective – IV: U20ADO706 Artificial Intelligence Applications	Multisim, Proteus
		Project phase – I: U20EEW701	GitHub, Google Docs
3.	Dr. D. Raja	PE– IV: U20EEE720 Special Electrical Machines	Multisim, Proteus
		Project phase – I: U20EEW701	GitHub, Google Doc
4.	Dr. M. Prabavathi	U20EET720: Industrial Automation and Control	MATLAB, ETAP
		U20EEP715: Industrial Automation Control Lab	
		U23EEW501 Micro Project	MATLAB/Simulink, LabVIEW
		Project phase – I: U20EEW701	
5.	Dr. M. Susithra	PE– II U23EEE506 Utilization of Electrical Energy	Multisim, Proteus
		Design Thinking and Idea Laboratory	Siemens TIA Portal
		Project phase – I: U20EEW701	

6.	Dr. S. Ganesh Kumaran	U23EEB301: Electric Circuit Analysis	SCADA
		U23HSTC02 Research Methodology	Canva, Fusion 360
		Design Thinking and Idea Laboratory	Canva, Prezi, Microsoft PowerPoint
7.	Dr. D. Sivaraj	U20EECM02 Electric Vehicle Technology	MATLAB Simulink,
		U20EEP716 Electric and Hybrid Vehicle	MATLAB Simulink
		U23HSTC02 Research Methodology	Mentimeter, Google Forms, Kahoot
8.	Dr.P.Meganathan	U23ESTC01 Basics of Electrical and Electronics Engg	MATLAB Simulink
		U23ESPC01 Basics of Electrical and Electronics Engineering Laboratory	Tinkercad
9.	Dr.B.Puspha	U23ESTC01 Basics of Electrical and Electronics Engg	MATLAB Simulink
		U23ESPC01 Basics of Electrical and Electronics Engineering Laboratory	Tinkercad
10.	Mr.B.Parthiban	U23VXT502: Energy Storage and Battery Management System	MATLAB/Simulink, Control Toolbox
		U20EEP716 Electric and Hybrid Vehicle	MATLAB Simulink
		U23EEW501 Micro Project	MATLAB Simulink, PSIM, Multisim
11.	Mr. S.John Powl	U23EET510 Microprocessor and Microcontroller	MATLAB Simulink
		U23EET510 Microprocessor and Microcontroller	Tinkercad
		U23ICP102 Fundamental of Electrical machines Laboratory	MATLAB Simulink
12.	Mr.A.Janagiraman	U20EECM02 Electric Vehicle Technology	MATLAB Simulink
		U23ESTC01 Basics of Electrical and Electronics Engineering	MATLAB Simulink
		U23ESPC01 Basics of Electrical and Electronics Engineering Laboratory	Tinkercad
13.	Mr.K.Thangaraj	U23EET101: Electrical Engineering	Multisim
		U23EEP101: Electrical Engineering Laboratory	Virtual Labs
14.	Mr.J.Muruganandham	U23ITTC02: Programming in Java	Multisim, Proteus
		U23ITPC02:Programming in Java Laboratory	Virtual Labs
		Open Elective – IV:U20ECCM04 Internet of Things	MATLAB Simulink
15.	Mr.R.Ragupathy	U23EET305 Electrical Machines-I	Canva, Google Slides
		U23EEP304 Electrical Machines-I Laboratory	MATLAB Simulink
		U23EET306 Electronics-III	MATLAB Simulink
		U23EEM303 Climate Change	Canva, Google Slides
16.	Mr.R.Rajtilak	U23ESTC01 Basics of Electrical and Electronics Engineering	MATLAB Simulink
		U23ESPC01 Basics of Electrical and Electronics Engineering Laboratory	Tinkercad
17.	Mr.I.Shivasankkar	U23ITTC02:Programming in Java	Canva, Google Slides
		U23ITPC02:Programming in Java Laboratory	Canva, Google Slides
		U23ADTC01 Programming in Python	Google Colab
		U23ADPC01 Programming in Python Laboratory	Google Colab
	Mrs. K.Kavinelavu	U23ESTC01 Basics of Electrical and Electronics	MATLAB Simulink

18.		Engg	
		U23ESPC01 Basics of Electrical and Electronics Engineering Laboratory	Tinkercad
		Electrical Technology	Multisim
		Electrical Technology Laboratory	LabVIEW
19.	Mr. G.Rajavel	U20EET720: Industrial Automation and Control	MATLAB Simulink
		U20EEP715:Industrial Automation and Control Lab	MATLAB Simulink
		U23EEP102: Electronics – I Laboratory	MATLAB Simulink
20.	Mr. R.Vignesh	U23ADTC01 Programming in Python	MATLAB Simulink
		U23ADTC01 Programming in Python	Multisim
		U20EEM707 Professional Ethics	LabVIEW
		U23EES301 SEC-I: Design of Solar Power Plant and Installations	
21.	Ms.T.Abinaya Saraswathy	U23EET306 Electronics-III	MATLAB Simulink
		Electrical Technology	MATLAB Simulink
		Electrical Technology Laboratory	MATLAB Simulink
		U20EEM707 Professional Ethics	Mentimeter, Google Forms, Kahoot
		U23EEM505 Essence of Indian Traditional Knowledge	
22.	Mr.S.Elanthamizh	U23EET509 Electrical Measurement and Instrumentation	Multisim
		U23EET509 Electrical Measurement and Instrumentation Laboratory	MATLAB, COMSOL Multiphysics
		U23EET101: Electrical Engineering	Multisim
		U23EEP101: Electrical Engineering Laboratory	Virtual Labs
23.	Mrs.A.S.Amathullah	U23EET102: Electronics - I	MATLAB Simulink
		U23EEP102: Electronics – I Laboratory	MATLAB Simulink
		U23ESTC01 Basics of Electrical and Electronics Engg	MATLAB Simulink
		U20EEP717 Electrical Software Simulation Lab	ETAP, Multisim
24.	Mr. B.Raghunath	U23EET305 Electrical Machines- I	Google Colab
		U23EEP304 Electrical Machines- I Laboratory	Google Colab
		U23EEB301 Electric Circuit Analysis	MATLAB Simulink
		U23ESPC01 Basics of Electrical and Electronics Engineering Laboratory	MATLAB, Scilab, Octave
25	Mr. S. Mugundhan	U23EET510 Microprocessor and Microcontroller	MATLAB Simulink
		U23EEP508 Microprocessor and Microcontroller Lab	MATLAB Simulink
		U23ESTC01 Basics of Electrical and Electronics Engg	MATLAB, Scilab
		U23ESTC01 Basics of Electrical and Electronics Engineering Laboratory	PowerPoint
26	Mrs. T.Porselvi	U23EET509 Electrical Measurement and Instrumentation	Multisim
		U23EET509 Electrical Measurement and Instrumentation Laboratory	Virtual Labs

		U23EET304 Electromagnetic Theory	Virtual Labs
		U20EEP717 Electrical Software Simulation Lab	
		U23EEM303 Climate Change	
27.	Mrs. R.Vinothini	U23ESTC01 Basics of Electrical and Electronics Engineering	MATLAB Simulink
		U23ESTC01 Basics of Electrical and Electronics Engineering Laboratory	MATLAB Simulink
28.	Mr. K.Kannan	Electrical Technology	MATLAB Simulink, Virtual Labs
		Electrical Technology Laboratory	Virtual Labs

3.3 List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Understanding Transformers: The Backbone of Power Distribution	Mr. M. Sivakumar, Managing Director, Sri Kailash Transformers, Puducherry	9.8.2025	120
2	Electric Vehicle Technology	Mr.Jagan,Kumar, Assistant Manager, TVS Training & Services, Chennai	7.7.2025	30
3	Electric Vehicle Technology	Mr.Jagan,Kumar, Assistant Manager, TVS Training & Services, Chennai	21.7.2025	30
4	Electric Vehicle Technology	Mr.Jagan,Kumar, Assistant Manager, TVS Training & Services, Chennai	18.8.2025	30
5	Electric Vehicle Technology	Mr.Jagan,Kumar, Assistant Manager, TVS Training & Services, Chennai	25.08.2025	19

3.4 Activities for Slow and Advanced Learners

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
BATCH:2025-2029:I/I/A					
1	Engineering Mathematics – I/U23MATC01	Mr. R. Rajesh	Yes	10	Yes
2	Physical Science for Engineers/ U23BSTC01	Mr. K. Oudhayakumar	Yes	5	Yes
		Dr. H. Rosi	Yes		Yes
3	Engineering Mechanics/ U23ESTC02	Dr.B.Ilangovan	Yes	5	Yes
4	Electrical Engineering U23EET101/	Mr.K.Thangaraj	Yes	3	Yes
5	Electronics – I/ U23EET102	Mrs.A.S.Amathullah	Yes	5	Yes
BATCH:2025-2029/I/IB					
1	Engineering Mathematics – I/U23MATC01	Mrs.S.P.Lavanya	Yes	10	Yes
2	Physical Science for Engineers/ U23BSTC01	Mr.K. Oudhayakumar	Yes	5	Yes
		Dr. H. Rosi	Yes		Yes
3	Engineering Mechanics/ U23ESTC02	Dr.B.Ilangovan	Yes	3	Yes

4	Electrical Engineering U23EET101/	Mr.S.Elanthamizh	Yes	5	Yes
5	Electronics – I/ U23EET102	Mr.K.Thangaraj	Yes	5	Yes
BATCH:2024-2028:II/III/A					
1	Probability and Statistics/U23MATC03	Ms. M. Guna	Yes	5	Yes
2	Programming in Python/ U23ADTC01	Mr.I.Shivasankkar	Yes	3	Yes
3	Electromagnetic Theory/ U23EET304	Mr.R.Vignesh	Yes	3	Yes
4	Electrical Machines – I/ U23EET305	Mr.R.Ragupathy	Yes	5	Yes
5	Electronics – III/ U23EET306	Ms.T.Abinayasaraswathy	Yes	5	Yes
BATCH:2024-2028:II/III/B					
1	Probability and Statistics/U23MATC03	Mrs.R.Chandrapraba	Yes	6	Yes
2	Programming in Python/ U23ADTC01	Mr.R.Vignesh	Yes	5	Yes
3	Electromagnetic Theory/ U23EET304	Mrs.T.Porselvi	Yes	5	Yes
4	Electrical Machines – I/ U23EET305	Mr.B.Raghunath	Yes	3	Yes
5	Electronics – III/ U23EET306	Mr.R.Ragupathy	Yes	4	Yes
BATCH:2023-2027:III/V/A					
1	Research Methodology /U23HSTC02	Dr.D.Sivaraj	Yes	5	Yes
2	Programming in Java/ U23ITTC02	Mr.J.Muruganandham	Yes	4	Yes
3	Electrical Measurements and Instrumentation/U23EET509	Mr.S.Elanthamizh	Yes	5	Yes
4	Microprocessor and Microcontroller/U23EET510	Mr.S.John Powl	Yes	3	Yes
5	PE-II:Utilization of Electrical Energy/U23EEE506	Dr.M.Susitra	Yes	3	Yes
6	PE-II:Automotive Electronics for Electrical Engineering/U23EEE509	Mr.G.Rajavel	Yes	3	Yes
7	OE –I:New Product Development/U23HSOC02	Mrs.S.S.Kayalvizhi	Yes	2	Yes
8	OE-I:Marketing Management/U23HSOC05	Mr.S.Amresh	Yes	2	Yes
BATCH:2023-2027:III/V/B					
1	Research Methodology /U23HSTC02	Dr.S.Ganesh kumaran	Yes	5	Yes
2	Programming in Java/ U23ITTC02	Mr.J.Muruganandham	Yes	4	Yes
3	Electrical Measurements and Instrumentation/U23EET509	Mrs.T.Porselvi	Yes	5	Yes
4	Microprocessor and Microcontroller/U23EET510	Mr.S.Mugundan	Yes	3	Yes
5	PE-II:Utilization of Electrical Energy/U23EEE506	Dr.M.Susitra	Yes	3	Yes
6	PE-II:Automotive Electronics for Electrical Engineering/U23EEE509	Mr.G.Rajavel	Yes	2 3	Yes
7	OE –I:New Product Development/U23HSOC02	Mrs.S.S.Kayalvizhi	Yes	2	Yes
8	OE-I:Marketing Management/U23HSOC05	Mr.S.Amresh	Yes	2	Yes
BATCH:2022-2026:IV/VII/A					

1	Industrial Automation and Control/ U20EET720	Mr.G.Rajavel	Yes	2	Yes
2	Electric Vehicle Technology/ U20EECM02	Mr.A.Janagiraman	Yes	2	Yes
3	PE-IV: Special Electrical Machines/ U20EEE720	Dr.D.Raja	Yes	2	Yes
4	PE IV:Fuzzy Logic and Neural Networks/ U20ICCM01	Dr. S.Anbumalar	Yes	2	Yes
5	OE IV:Internet of Things/U20ECCM04	Mr.J.Muruganandham	Yes	2	Yes
6	OE IV :Artificial Intelligence Applications/U20ADO706	Dr.P.Jamuna	Yes	2	Yes
BATCH:2020-2024:IV/VII/B					
1	Industrial Automation and Control/ U20EET720	Dr.M.Prabavati	Yes	2	Yes
2	Electric Vehicle Technology/ U20EECM02	Dr. D.Sivaraj	Yes	2	Yes
3	PE-IV: Special Electrical Machines/ U20EEE720	Dr.D.Raja	Yes	2	Yes
4	PE IV:Fuzzy Logic and Neural Networks/ U20ICCM01	Dr. S.Anbumalar	Yes	2	Yes
5	OE IV:Internet of Things/U20ECCM04	Mr.J.Muruganandham	Yes	2	Yes
6	OE IV :Artificial Intelligence Applications/U20ADO706	Dr.P.Jamuna	Yes	2	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor allocation	Yes	
2	Class wise student profile record maintained.	Yes	
3	Mentor–mentee session record maintained.	Yes	

No. of Students in Department	Number of Mentors in the Department	Mentor : Mentee Ratio
454	28	**1:16**

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous assessment examination conducted as per the academic calender	Yes	
2	Is proper evaluation methods used for courses such as Employability Enhancement Courses, mandatory courses etc.,	Yes	
3	Details of internal marks awarded	Yes	
4	Any grievances raised in internal evaluation?	Yes	

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	
2	Correlation of COs with POs and PSOs for each course available	Yes	
3	Course Exit survey conducted	Yes	

4	Course Outcome Attainment Calculated	Yes	**Batch: 2022 – 2026** Target: 72 % and above of Students Secured ≥ 70 marks **Batch: 2023 – 2027** Target: 73 % and above of Students Secured ≥ 70 marks **Batch: 2024 – 2028** Target: 74 % and above of Students Secured ≥ 70 marks **Batch: 2025 – 2029** Target: 75 % and above of Students Secured ≥ 70 marks
5	Corrective Action Suggestion available for the courses where CO target is not attained	Yes	
6	Program exit survey conducted	Yes	
7	PSO and PO attainment through CO	Yes	
8	Corrective Action Suggestion available where PO target is not attained	Yes	

3.8 Student Performance in End Semester Examination

Semester: VII (2022-2026)

Sr. No	Particular	UG	PG
1	Number of Students appeared	112	
2	Number of All Clear Students	96	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	16	
7	Passing Percentage	**86%**	

Semester :V (2023-2027)

Sr. No	Particular	UG	PG
1	Number of Students appeared	108	
2	Number of All Clear Students	87	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	21	
7	Passing Percentage	**80%**	

Semester :III (2024-2028)

Sr. No	Particular	UG	PG
1	Number of Students appeared	125	
2	Number of All Clear Students	70	
3	Number of Students passed with Distinction	-	

4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	54	
7	Passing Percentage	56%	

Semester :I (2025-2029)

Sr. No	Particular	UG	PG
1	Number of Students appeared	115	-
2	Number of All Clear Students	92	-
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	23	-
7	Passing Percentage	80%	-

3.9 Student Performance of Outgoing Students

Sr. No	Particular	UG	PG
1	Number of outgoing students	88	-
2	Number of students successfully completed the program	82	-
3	Number of students completed the program with no backlogs	-	-
4	Number of students completed the program with backlogs	-	-

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Academic expert feedback on curriculum with analysis and action taken report	Yes	40	
2	Employer feedback on curriculum with analysis and action taken report	Yes	25	
3	Teacher feedback on curriculum with analysis and action taken report	Yes	28	
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes	454	
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	50	
6	Alumni feedback on curriculum with analysis and action taken report	Yes	70	
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	454	
8	Graduate (program) Exit Survey with analysis and action taken report	Yes	88	

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
1	Dr.S.Anbumalar	Investigation on Estimation of state of Charge (SOC) and State of Health (SOH) by machine learning for Lithium-Ion Battery by Digital Twin Framework File Number : ANRF/ARG/2025/011272	ANRF-Advanced Research Grant (ARG)	50 lakhs	5 Years (Applied)

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
1	Mr.B.Parthiban	STM based BLDC motor controller by FOC and 6-step mode	Lucas-TVS Ltd., Puducherry	In progress	01 Year

5.3 Faculty Publications (faculty-wise list)
Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	H-index	Impact Factor range/ Average Impact Factors
1	2024-2025	Raghunath B, Integrating Homomorphic Encryption with Blockchain Technology for Machine Learning Applications, Journal of Machine and Computing, Vol. 5, No.1,2025/ISSN:2788-7669	SCOPUS	-	-	-
2	2024-2025	Parthiban.B, S.Anbumalar, P.Jamuna, D.Raja, S. John Powl, Optimization of Anti Reflecting Coating for Efficiency Improvement of Solar Photovoltaic System using TCAD, ARPN Journal of Engineering and Applied Sciences, Vol. 20, No. 2, pp 59-67, January 2025 / 1819-6608	SCOPUS	-	-	-
3	2024-2025	**G.Rajavel,** Advanced Pollutant degradation using sulphate radical electrochemical oxidation system with heterogeneous catalysts, Oxidation Communications, Vol.47, No.4,630- 638 (2024) / ISSN 02094541	SCOPUS	-	-	-
4	2024-2025	**R Ragupathy,** Analysis of Stability for Thermal System with Parametric Uncertainty, African Journal of Biomedical Research, Vol. 27, No. 3S, Page no. 5388-5400 Oct 2024 / 1119-5096	SCOPUS	-	-	-
5	2024-2025	**Dr. Ganeshkumaran S,** Enhanced Hybrid	SCOPUS	-	-	-

		Power Grid System Using Adaptive Fuzzy Logic Controller by Supraharmonics Reduction, International Journal of Applied Sciences & Development, Vol. 3, pp 176-185, Oct 2024 / E-ISSN: 2945-0454 DOI: 10.37394/232029.2024.3.18				
6	2024-2025	**Dhandapani Meena,** Performance evaluation of bridgeless isolated SEPIC-Luo converter for EV battery charging using PI and ANN controller, International Journal of Power Electronics and Drive Systems, Vol. 15, No. 2,pp. 935~946, Jun 2024 ISSN: 2088-8694, 10.11591/ijpeds.v15.i2.pp935-946	SCOPUS	-	-	-
7	2023-2024	Dr. Jamuna. P, Hybrid Simulated Annealing and Spotted Hyena Optimization Algorithm- Based Resource Management and Scheduling in Cloud Environment, International Journal on Wireless Personal Communications, Volume 133, pages 1123–1147, 2023.	SCOPUS,SCIE	-	-	2.2
8.	2022-2023	Dr. Anbumalar .S, Coal Mine Monitoring Robot, International Journal of Scientific Research in Science, Engineering and Technology, Volume(10), Issue(2), PP-346- 352, March - April 2023 DOI : https://doi.org/10.32628/IJSRSET	UGC	-	-	-
9.	2022-2023	Dr. Jamuna. P, Design of Intelligent Energy Meter, International Journal of Scientific Research in Science, Engineering and Technology, Volume(10), Issue(2), PP-250-254, March - April 2023 DOI: https://doi.org/10.32628/IJSRSET	UGC	-	-	-
10.	2022-2023	Dr. P. Jamuna, Implementation of A 3 Stage Dc-Dc Multiport Converter for Energy Storage System, International Journal of Scientific Research in Science, Engineering and Technology, Volume(10), Issue(2), PP-423-428, March - April 2023 DOI : https://doi.org/10.32628/IJSRSET	UGC	-	-	-
11.	2022-2023	Dr. D. Raja, PLC Based Automatic Control of Hydraulic Press Machine Using LVDT, International Journal of Scientific Research in Science, Engineering and Technology, Volume(10), Issue(2), PP-363-368, March - April 2023 DOI : https://doi.org/10.32628/IJSRSET	UGC	-	-	-
12.	2022-2023	Adrien Periyanayagam. C, IoT-Based Rural Medical ATM System, International Journal of Scientific Research in Science, Engineering and Technology, Volume(10), Issue(2), PP- 237-243, March - April 2023 DOI : https://doi.org/10.32628/IJSRSET	UGC	-	-	-
13.	2022-2023	Adrien Periyanayagam. C, Automated Irrigation System with Internet of Things Capabilities, International Journal of Scientific Research in Science, Engineering and Technology, Volume(10), Issue(2), PP-301- 312, March - April 2023 DOI : https://doi.org/10.32628/IJSRSET	UGC	-	-	-
14.	2022-2023	Muruganandham.J, Greenhouse monitoring and control using IOT, International Journal of Engineering Technology and Management	UGC	-	-	-

		Sciences, Volume(7), Issue(2), PP-9-14, March - April 2023 DOI:10.46647/ijetms.2023.v07i02.002				
15.	2022-2023	Muruganandham. J, Simplified Integrated Microcontroller Based Assistant, International Journal of Scientific Research in Science, Engineering and Technology, Volume(10), Issue(2), PP-418-422, March - April 2023 DOI : https://doi.org/10.32628/IJSRSET	UGC	-	-	-
16.	2022-2023	Dr .D .Sivaraj, Automatic Power Transformer Tester, International Journal for Multidisciplinary Research, Volume(5), Issue(2), PP-1-8, March - April 2023 DOI: 10.36948/ijfmr.2023.v05i02.2085	UGC	-	-	-
17.	2022-2023	Mr.A.Janagiraman, Offline UPS for Regenerative Loads, International Journal for Multidisciplinary Research, Volume(5), Issue(2), PP-1-8, March - April 2023, https://www.ijfmr.com/papers/2023/2/2377.pdf	UGC	-	-	-
18.	2022-2023	Mr.Ragupathy. R, Implementation of E- Bicycle Using Old Alternator, International Journal of Scientific Research in Science, Engineering and Technology, Volume(10), Issue(2), PP-435-439, March - April 2023 DOI : https://doi.org/10.32628/IJSRSET	UGC	-	-	-
19.	2022-2023	Mr.Shivasankkar. I, Design of onboard EV charger using boost converter with reduced harmonics, International Research Journal of Modernization in Engineering Technology and Science, Volume(05), Issue(4), PP-1414-1417, April 2023	UGC	-	-	-
20.	2021-2022	Dr. M.Jayachandran, K.Prasada Rao, Ranjith Kumar Gatla, C. Kalaivani, C. Kalaiarasy Operational concerns and solutions in smart electricity distribution systems, utilities Policy, vol. 74, pp.101329, 2022. ISSN: 0957-1787.	Science Index	01	-	-
20.	2021-2022	Dr. M.Jayachandran, A Unique Interlinking Converter Control for Hybrid AC/DC Islanded Microgrids, In Sustainable Communication Networks and Application. Springer, pp. 177-186, 2022. ISBN: 978-981-16-6605-6.	Science Index	08	-	-
21.	2021-2022	Dr. M.Jayachandran, Operational planning steps in smart electric power delivery system, Scientific Reports, vol. 11, no. 1, pp. 1–21, 2021. ISSN: 2045-2322	Science Index	01	-	-
22.	2021-2022	Dr. M.Jayachandran, power-domain NOMA for massive connectivity in smart grid communication networks, Power Electronics and Renewable Energy Systems. Springer, pp. 205–212, 2022. ISBN: 978-981-16-4943-1.	Science Index	01	-	-
23.	2021-2022	Dr. M.Jayachandran, MPC-based power quality solution using energy storage technology for PV based islanded microgrids, Recent Advances in Manufacturing, Automation, Design and Energy Technologies. Springer, pp. 843–851, 2022. ISBN: 978-981-16-4222-7	Science Index	01	-	-
24.	2021-2022	Dr. K. Gowrishankar, Extended Over Modulation Zone Three-Dimensional SVPWM for Three-Level Neutral-Point-Clamped", Materials Today:	Science Index	-	-	-

		Proceedings, Elsevier, Volume 52, Part 3, 2022, pp.: 1756-1762.				
25.	2021-2022	Ms.N.Swarnalakshmi, Wireless power transmission for E-Vehicle by mutual coupling," Strad Research", Vol 8, Issue 8, Pages: 486 – 49, Aug 2021,ISSN: 0039-2049.	UGC	-	-	-
26.	2021-2022	Dr.S.Anbumalar, A survey on photovoltaic grid system under voltage stability of power grid," International Journal of advances in engineering and management", vol. 03(05),. ISSN: 2395-5252. pp.1044-1050, 2021.	UGC	-	-	-
27.	2021-2022	Dr.S.Anbumalar, Microgrid based wind-solar cogeneration using bi-directional voltage source converters," International Journal of advances in engineering and management", vol. 03(07),. ISSN: 2395-5252. pp.881-895, 2021.	UGC	-	-	-
28.	2021-2022	**Dr.S.Anbumalar,** A survey on photovoltaic grid system under voltage stability of power grid," International Journal of advances in engineering and management", vol. 03(05),. ISSN: 2395-5252. pp.1044-1050, 2021.	UGC	-	-	-

Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	6
Number of Publications in International Journals	2
Number of Publications in National Conferences	-
Number of Publications in International Conferences	3
Number of Books / Book Chapters	3
Number of Patents (Filed)	2
Number of Patents Granted	13
Number of Design Patents (Filed)	-
Number of Design Patents Granted	-

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
1	Optimized MIMO Controller Based High Gain DC-DC Converter for Electric Vehicle Applications	K. S. Kavin, S. Sridevi, **I. Shivasankkar,** S. Ragu	ARPN Journal of Engineering and Applied Sciences	ISSN1819-6608
2	Attainment of Course Outcomes (COs) and Program Outcomes (POs) in Outcome Based Education (OBE)	**K. Thangaraj, S. Anbumalar, P. Jamuna, A. Janagiraman**	Journal of Engineering Education Transformations	Volume 39, No. 1 , July 2025 , ISSN 2349-2473
3	Advanced adaptive neuro-fuzzy inference system controller for optimizing pH neutralization process control	Ramesh Suguna Baldwin Immanuel Thankaraj Usha Kothandaraman **Muruganandham Jeevananthan**	The Canadian Journal of Chemical Engineering	Aug 2025, pp 1-22, ISSN 1939-019X

4	An effective power quality enhancement system for integrated photovoltaic cells utilizing cascaded ANFIS in a unified power quality conditioner	Saritha Kandukuri, Ramesh Guguloth, A. Sivakumar , **I. Shivasankkar,** Ananthan Nagarajan, N. Janaki	Future Technology	Vol. 4, No.3,Aug 2025/, pp 171-181, ISSN 2832-0379
5	Effects of FTP-75 mode vehicle fuel economy on front wheel driven hybrid source electrical vehicle	**Parthiban B., S. Anbumalar, P. Jamuna, D. Raja**	Indian Journal of Technical Education	vol. 48, no. 3, July–September 2025
6	Phase change material integrated geopolymer mortar as an energy efficient building material: Technical insights on formation, characterization, structural/thermal performanceand applications	AnbazhaghanN, Jayaprabakar J, Harish V, **Sivaraj D**	Environmental Progress & Sustainable Energy	45(1), October 2025

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	A Non-Isolated Power Factor Correction Bridgeless High Gain Sepic Employing CPSO-PI Controller for Induction Motor Applications	A. Mohamed Faizal , K. Murugesan , V. Thanka Jebarsan, **S. Elanthamizh,** R. Maheswaran, N. Janaki	International Journal of Electrical and Electronics Engineering	Volume 12 Issue 7, 73-85, July 2025.	Scopus
2	Investigation of Modal Properties of Rotor Systems using FEM and Mathematical Modeling for Turbocharger Optimization	**Mr.G.Rajavel**	International Journal of Vehicle Structures and Systems	2025, Vol 17, Issue 5, p745, 0975-3540	Scopus

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
NIL						

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	High	S. Marisargunam,	2025 International	2025 International	-	IEEE

	efficiency zeta converter with intelligence RBFNN-MPPT for photovoltaic based grid tied system	M. Manusha, S. Sree Dharinya, **ParthibanB,** Chelumala Nirisha, Venkateshwaran	Conference on Intelligent Communication Networks and Computational Techniques (ICICNCT 2025), Sep 2025	Conference on Intelligent Communication Networks and Computational Techniques (ICICNCT 2025), Sep 2025		
2	Portable raspberry pi-based braille and audio reader for the visually impaired	S. Shalini, J.Muruganandham, A. Monika	International Conference on Computational Technologies for Research in Data Analytics, Duy Tan University, Da Nang, Vietnam, in association with Rayat Bahra University, Mohali, Vol. 1, 2025.	International Conference on Computational Technologies for Research in Data Analytics, Duy Tan University, Da Nang, Vietnam, in association with Rayat Bahra University, Mohali, Vol. 1, 2025.	-	SSRN Solutions
3	Hybrid EV battery charging system with IoT monitoring	G.Rajavel, LokeshN. Thamizharasan, R. S. Dinesh	5th International Conference on Artificial Intelligence & Smart Computing (ICAISC-2025)	5th International Conference on Artificial Intelligence & Smart Computing (ICAISC-2025)	-	IEEE

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Improved High Gain DC-DC Luo Converter with Crow search algorithm based MPPT for EV Applications	Dr.V.Balaji, Mr.Kavin.K.S, Dr.Pretty Mary Tom, Dr.Murali Matcha, Dr.R.Senthil Rama, **Mr.K. Thangaraj**	ISBN-13: 978-981-95-0207-3	Springer Nature
2	An Overview of Technologies, Energy Management Systems, and Challenges in Integrating Solar Energy Systems for Energy Transition	G. Jegadeeswari, D. Lakshmi, S. John Powl, A. Janagiraman, S. Suhasini, B. Kirubadurai U. Sowmmiya	ISBN: 979-8-89881-339-0	Bentham Science Publisher
3	Photovoltaic-Powered Underwater Propulsion System with Improved Power Quality Using a Shunt Active Power Filter	G. Jegadeeswari, D. Lakshmi, R. Elavarasi, Arun Agrawal, **S. Ganesh Kumaran**, B. Kirubadurai, T. Beni Steena	979-8-89881-340-6	Bentham Science Publisher

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	SMVEC	1.Mr.Mukeshkumar.R 2.Dr.K. Velmurugan 3. Dr. L. Martin 4. Dr.S. Anbumalar 5. Dr.P. Jamuna 6. Mr.B.Parthiban	Endorest - Smart Dual Section Inflatable Positioning Device for Laryngoscopy and Endoscopy	202541054556 06-06-2025	India	Published
2	SMVEC	1. Mr.W.Herwin 2.Mr.M.Sharan Kumar 3. Dr.S. Anbumalar 4. Dr.P. Jamuna 5. Dr.D.Raja 6. Mr.B.Parthiban	EEG and EMG_Signals based Control of Transhumeral Robotic Prosthetic ARM using NMF Algorithm	202541054557 06-06-2025	India	Published
3	SMVEC	1. A.Ruthresh 2. Dr. K. Velmurugan 3. Dr. L. Martin 4. Mukeshkumar R	Safemate-Ai-Integrated Wearabale Device For Fall Prevention And Health Monitoring In Elderly People	202541055360 09-06-2025	India	Published
4	SMVEC	1.Mr.K.Thangaraj 2. Dr.D.Raja 3.Mr.J.Muruganandham 4. Mr.S.Mugundhan	Electromagnetic-Acoustic Coupled System for Low-Noise PMSM	202541083130 02-09-2025	India	Published
5	SMVEC	1.Dr.S.Anbumalar 2.Mr.S.Lalith Kumar 3.Mr.ArokiaAnandu Prasanthu .A 4.Mr.Vignesh.M 5.Mr.Dharani.E 6.Mr.R.Mukesh kumar	Smart Chlorine Testing Kit for Real-Time Water Quality Monitoring	202541083131 02-09-2025	India	Published
6	SMVEC	1.Dr.S.Anbumalar 2.Mr.B.Parthiban 3.Mr.S.Johnpowl 4.Mr.G.Rajavel	Efficient Hydropower Generation using Impulse Turbine	202541083132 02-09-2025	India	Published
7	SMVEC	1.Mr.S.Johnpowl 2.Dr.S.Ganesh Kumaran 3.Mr.B.Parthiban 4.Mrs.T.Porselvi	Sustainable Energy Harvesting Technology for E-Bicycle	202541083175 02-09-2025	India	Published
8	SMVEC	1.Dr.D.Raja 2.Dr.S.Anbumalar 3.Mr.G.Rajavel 4.Ms.T.Abinayasaraswathy	Sustainable and Affordable BLDC Motor for Next Generation Electric Vehicles	202541083177 02-09-2025	India	Published
9	SMVEC	1.Mr. S. Elanthamizh 2. Dr. D. Raja 3.Mr.J. Muruganandham 4. Mr. K. Thangaraj	IOT Enabled Device for Converting Pet and HDPE Waste into 3D Printer Filament	202541083178 02-09-2025	India	Published
10	SMVEC	1.Mr.S.Johnpowl 2. Dr.D.Sivaraj 3.Dr.S.Ganesh Kumaran 4. Mr.I.Shivasankkar	BLDC Grinder with Integrated Fuzzy Logic Torque Ripple Control	202541083179 02-09-2025	India	Published
11	SMVEC	1.Dr.P.Jamuna	IOT Integrated	202541083205	India	Publis

		2.Mr.R.Vignesh 3.Dr.D.Sivaraj 4.Mr.I.Shivasankkar	Sericulture Assistant and Automatic Food Feeder	02-09-2025		hed
12	SMVEC	1.Mr.B.Parthiban 2. Dr.P.Jamuna 3. Dr.D.Sivaraj 4. Mr.B.Raghunath	NMF-Based Brain-Controlled Bionic ARM with Integrated Home Appliance	202541083206 02-09-2025-	India	Publis hed
13	SMVEC	1.Dr.S.Ganesh Kumaran 2.Dr.P.Jamuna 3.Mr.K.Thangaraj 4.Mr.R.Vignesh	Energy-Efficient Led Lighting and Smart Climate Control in Hydroponic System of Vertical Farming	202541083208 02-09-2025	India	Publis hed
14	SMVEC	1. Dr. P. Jamuna 2. Balaji. A 3. Kishore Kumar. S 4. Elanchezhiyan. S	Compact Energy Storage Device with Enhanced Lithium-Ion Cell Design	202541132801 29-12-2025	India	Filed
15	SMVEC	1. Dr. D. Raja 2.Mr.J. Muruganandham 3. Mr. I. Shivasankkar 4. Dr. D. Sivaraj	Smart Digital Bulletin System Using IOT	202541132802 29-12-2025	India	Filed

Design Patent

S.No	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No
NIL					

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the student	Name of the sponsored industry/Research institute / Partnering Institution	About Internship		
			Duration	From date	To date
1	Keerthana GM	2022-2026	9 Months	15.9.2025	31.5.2026
2	Ishwarya Lakshmi.S	2022-2026	6 Months	7.1.2026	25.7.2026
3	Chandru.A	2022-2026	6 Months	15.12.2025	31.5.2026
4	Mukeshkumar.R	2022-2026	5 Months	19.1.2026	31.5.2026
5	Sanjay.U	2022-2026	6 Months	5.1.2026	25.7.2026
6	Thilipan Siva Hari.S	2022-2026	6 Months	15.12.2026	31.5.2026
7	Surya Prakash .B	2022-2026	5 Months	19.1.2026	31.5.2026
8	Yugandiran.R	2022-2026	5 Months	19.1.2026	31.5.2026
9	Ramya S	2022-2026	6 Months	25.12.2025	25.6.2026
10	Ramkumar.S	2022-2026	5 Months	22.1.2025	31.5.2026
11	Thiruvengadam.P	2022-2026	5 Months	22.1.2025	31.5.2026
12	Lalithkumar.S	2022-2026	5 Months	19.1.2026	31.5.2026
13	Hemachandasanam.S	2022-2026	5 Months	20.1.2026	31.5.2026
14	Arokia Ananadhu Prasanth.R	2022-2026	5 Months	2.2.2026	31.6.2026

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1.	CNC Machine Encoder Elimination	MOHAMAD KASEEM M MADHAV V MOHAMED HARUN RASHEED S ARUNAISH R	Rane Madrass Puducherry	12 Months
2.	Transformer Winding Machine Using PLC	ABHINAYAA M HARINEE P ISHWARYA LAKSHMI S KAVIMANAJARI L	GT Electronics, Tamilnadu	12 Months

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
NIL				

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
NIL				

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	88
Number of Students opted Higher Studies	-
Number of Entrepreneur	-

7.1 Placements

S. No.	Reg. No.	Name of the student Placed	Company Placed	Salary Package
1.	22UEE071	Ramkumar S	Avalon	3.00 LPA
2.	22UEE090	Thiruvengadam P	Avalon	3.00 LPA
3.	22UEE038	Keerthana G M	Avasoft	6.00 LPA
4.	22UEE030	Ishwarya Lakshmi S	Brakes India	5.13 LPA
5.	22UEE015	Callis Joseph E	CTS-GenC	4.00 LPA
6.	22UEE022	Gokulraj R	CTS-GenC	4.00 LPA
7.	22UEE027	Harini L	CTS-GenC	4.00 LPA
8.	22UEE029	Herwin W	CTS-GenC	4.00 LPA
9.	22UEE046	Mahesh R	CTS-GenC	4.00 LPA
10.	22UEE077	Sakthishwari S	CTS-GenC	4.00 LPA
11.	22UEE078	Sanchi Venkatesh	CTS-GenC	4.00 LPA

12.	22UEE016	Chandru A	XPRESS-BEES	4.26 LPA
13.	22UEE052	Mukeshkumar R	Pristyn	3.00 LPA
14.	22UEE007	Arokia Anandu Prasanthu A	Tessolve	4.00 LPA
15.	22EEL002	Bharathkumar S	Yuzhan Technology India Private Limmited	2.76 LPA
16.	22UEE001	Abhinayaa M	Yuzhan Technology India Private Limmited	2.76 LPA
17.	22UEE005	Anandharaman V	Yuzhan Technology India Private Limmited	2.76 LPA
18.	22UEE009	Arunpradaap S	Yuzhan Technology India Private Limmited	2.76 LPA
19.	22UEE013	Balakumaran A	Yuzhan Technology India Private Limmited	2.76 LPA
20.	22UEE028	Hemachandasanam S	Yuzhan Technology India Private Limmited	2.76 LPA
21.	22UEE040	Lalith Kumar S	Yuzhan Technology India Private Limmited	2.76 LPA
22.	22UEE057	Pampana Karuna Prabhas	Yuzhan Technology India Private Limmited	2.76 LPA
23.	22UEE059	Pavinthran U	Yuzhan Technology India Private Limmited	2.76 LPA
24.	22UEE064	Pugazh Selvan P	Yuzhan Technology India Private Limmited	2.76 LPA
25.	22UEE082	Sharan Kumar M	Yuzhan Technology India Private Limmited	2.76 LPA
26.	22UEE084	Srilogeshwaran S	Yuzhan Technology India Private Limmited	2.76LPA
27.	22UEE092	Unilkumar D	Yuzhan Technology India Private Limmited	2.76 LPA
28.	22UEE094	Varunesh S	Yuzhan Technology India Private Limmited	2.76 LPA
29.	22UEE079	Sanjay U	Hyundai Kefico	3.57 LPA
30.	22UEE088	Thilipan Siva Hari S	Schiller Healthcare India	3.30 LPA

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
NIL			

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
NIL				

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1.	Career opportunities in	EEE	28.06.2025	National	112

	renewable energy sector				
2.	Application of Artificial Intelligence and Data Science in the Field of Electrical and Electronics Engineering	EEE	04.07.2025	National	62
3.	Application of Artificial Intelligence and Data Science in the Field of Electrical and Electronics Engineering	EEE	04.07.2025	National	63
4.	Recent Trends and Future Prospects in Electric Vehicle Technology	EEE	07.07.2025	National	63
5.	Smart Manufacturing and Industry 4.0: Opportunities for Electrical Engineers	EEE	17.07.2025	National	62
6.	Emerging Trends in Smart Grid Technology and Digital Power Management	EEE	29.07.2025	National	53
7.	Career Pathways and Innovation in the Renewable Energy Sector	EEE	29.07.2025	National	54
8.	Artificial Intelligence Applications in Power Electronics and Drives	EEE	04.08.2025	National	56
9.	Startup	EEE	08.08.2025	National	53

	Ecosystem in India: Opportunities for Young Entrepreneurs				
10.	AI-Driven Smart Grid: Transforming Power Systems for the Future	EEE	11.08.2025	National	54
11.	Energy Management using IoT and Data Analytics	EEE	15.08.2025	National	107
12.	Transforming Data into Decisions: AI-Powered Data Science Applications	EEE	19.08.2025	National	54
13.	AI-Enhanced Data Science for Industry 4.0	EEE	22.08.2025	National	53
14.	Importance of Sports and Its Benefits	EEE	20.09.2025	National	58
15.	Nutrition and diet awareness talk	EEE	24.09.2025	National	58

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized by	Date of Event	Level (State / National / International)	No. of Participants
1	Two days FDP on Introduction to Artificial Intelligence with Matlab	SMVEC	6th and 7th August 2025.	State	30

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S. No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1.	K. Surendar	Smart India Hackathon (Hardware Edition)	O.P. Jindal University	Rs:1,50,000
2.	Gokul V			

3.	Arokia Anandu Prasanthu.A Lalith kumar.S Arun Pradaap.S Mukesh kumar.R Kavimanjari.L	Smart India Hackathon-2025	Greater Noida,New Delhi	Rs:1,50,000
4.	B. Shibhu	Paper Presentation	Sri Sairam Institute of Technology	Rs.1000
5.	P. Sivaraj			
6.	Shivani Priyal.M	ICT Youth talk 2025	ICT Academy	Participated
7.	Jeena.R	ICT Youth talk 2025	ICT Academy	Participated
8.	Kameshwaran.V	ICT Youth talk 2025	ICT Academy	Participated
9.	Chatenya.S	ICT Youth talk 2025	ICT Academy	Participated
10.	Swetha.P	ICT Youth talk 2025	ICT Academy	Participated
11.	Surendar.V	ICT Youth talk 2025	ICT Academy	Participated
12.	Neeraja.J.L	ICT Youth talk 2025	ICT Academy	Participated
13.	Vaheendrane.R	National level workshop on "Cyber security: Awareness to Action"	B.S.Abdur Rahman Crescent Institute of Science and Technology	Participated
14.	K.Devanadan M.Malaravan V.Puspharaj V.Rajasabari Santosh.BB S.Selva Rahul	Paper Presentation entitled "Hybrid Battery Management system"	Kongunadu College of Engineering and Technology	Participated
15.	A.Rouban	National level 2 Hours Hackathon	Karpagam Academy of Higher Education	Participated

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
NIL		

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1.	Dr. P.Jamuna	Reviewer in IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA 2025)
2.	Dr. D.Raja	Reviewer in IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA 2025)
3.	Dr. S.Ganesh kumaran	Reviewer in IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA 2025)
4.	Dr. D. Sivaraj	Reviewer in IEEE International Conference on Emerging

		Technologies in Engineering Applications (ICETEA 2025)
5.	Dr.P.Meganathan	Reviewer certificate for sustainable energy research 2025 (Springer Nature)
6.	Dr.P.Meganathan	Reviewer certificate for computer and electrical engineering (Elsevier) Feb 2026
7.	Dr.P.Meganathan	Reviewer certificate for scientific reports 2026 (Springer Nature)
8.	Dr.P.Meganathan	Reviewer certificate for Electrical Engineering 2026 (Springer Nature)
9.	Dr.P.Meganathan	Reviewer certificate for Iranian Journal of Science and Technology,Transactions of Electrical Engineering 2026 (Springer Nature)
10.	Dr.P.Meganathan	Reviewer certificate for scientific reports 2025 (Springer Nature)
11.	Dr.P.Meganathan	Reviewer certificate for discover electronics 2025 (Springer Nature)
12.	Dr.P.Meganathan	Reviewer certificate for Journal of Control, Automation and Electrical Systems 2025 (Springer Nature)
13.	Dr.P.Meganathan	Reviewer certificate for Iranian Journal of Science and Technology,Transactions of Electrical Engineering 2025(Springer Nature)
14.	Mr.K.Thangaraj	Reviewer in Journal of Engineering Education Transformations (JEET) - SCOPUS
15.	Mr.K.Thangaraj	Reviewer in IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA 2025)
16.	Mr. B.Parthiban	Reviewer in IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA 2025)
17.	Mr. J.Muruganandham	Reviewer in IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA 2025)
18.	Mr. R.Vignesh	Reviewer in IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA 2025)
19.	Ms. T.Abinaya saraswathy	Reviewer in IEEE International Conference on EmergingTechnologies in Engineering Applications (ICETEA 2025)

9.4 Awards / Prizes and Recognition received by teachers at University, State, National and International level

S.No	Name of the Faculty	Name of Awards / Recognition
1.	Mr.I.Shivasankkar	Advanced Technology Program on AI&ML
2.	Mr.G.Rajavel	Mentor in smart India hackathon 2025
3.	Dr.D.Sivaraj	Mentor in smart India hackathon 2025
4.	Dr.P.Meganathan	AICTE QIP certification program in machine learning and cyber security for physical systems
5.	Mr.K.Thangaraj	Earned a Topper badge on NPTEL Course ""Introduction to Industry 4.0 and Industrial Internet of things" with a score of 90 out of 100"

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	Dr.S.Anbumalar	Fundamentals and Applications of EDGE Computing using JETSON	Sri Sairam College of Engineering	21.07.2025 to 25.07.2025

		ORIN NANO as EDGE DEVICE		
2.	Dr.P.Jamuna	Fundamentals and Applications of EDGE Computing using JETSON ORIN NANO as EDGE DEVICE	Sri Sairam College of Engineering	21.07.2025 to 25.07.2025
3.	Dr.D.Raja	Fundamentals and Applications of EDGE Computing using JETSON ORIN NANO as EDGE DEVICE	Sri Sairam College of Engineering	21.07.2025 to 25.07.2025
4.	Mr.K.Thangaraj	FDP on Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks (July – Oct 2025)
5.	Mr.K.Thangaraj	FDP on Emerging Trends in Digital Twin Technology for Hydrogen Production, Storage and Transport	AICTE Training and Learning (ATAL) Academy	15/12/2025 to 20/12/2025
6.	Mr.K.Thangaraj	Teaching Excellence	Manakula Vinayagar Institute of Technology	10th July-11th July 2025
7.	Dr.P.Meganathan	Introduction to Machine Learning	NPTEL	8 Weeks (July- Sep)2025
8.	Dr.P.Meganathan	Python for Data science	NPTEL	4 Weeks (July-Aug) 2025
9.	Dr.P.Meganathan	Introduction to Internet of things	NPTEL	12 Weeks (July – Oct 2025)
10.	Dr.D.Sivaraj	Emerging Trends in Digital Twin Technology for Hydrogen Production, Storage and Transport	AICTE Training and Learning (ATAL) Academy	15/12/2025 to 20/12/2025.
11.	Mr.S.JohnPowl	Teaching Excellence	Manakula Vinayagar Institute of Technology	10th July-11th July 2025
12.	Mr.S.JohnPowl	IIC regional Meet	St Joseph Institute of Technology	28th November 2025
13.	Dr.D.Sivaraj	IIC Regional Meet	Francis Xavier Engineering College	2nd December 2025
14.	Mr.G.Rajavel	FDP on Emerging Trends in Digital Twin Technology for Hydrogen Production, Storage and Transport	AICTE Training and Learning (ATAL) Academy	15/12/2025 to 20/12/2025
15.	Mr.B.Parthiban	Emerging Trends in Digital Twin Technology for Hydrogen Production, Storage and Transport	Krishnasamy College of Engineering & Technology	15.12.2025 to 20.12.2025
16.	Mr.B.Parthiban	PCB design with KiCad-Updated for KiCad 9	Udemy	03.07.2025
17.	Mr.B.Parthiban	Fundamentals and Applications of EDGE Computing using JETSON ORIN NANO as EDGE DEVICE	Sri Sairam College of Engineering	21.07.2025 to 25.07.2025
18.	Mr.R.Vignesh	Next-Generation Technologies: An Integrated Approach to EV, AI, Embedded Systems, and Custom IC Design	Kamaraj College of Engineering and Technology	12th December 2025 to 18th December 2025,
19.	Mr.R.Vignesh	Next Gen Electric Vehicles:Empowered by Artificial Intelligence and machine learning	Veltech Multitech Dr.Rangarajan Dr.sakuntala Engineering college	8th December to 13th December 2025

9.6 Best Practices followed by the Department.

S.No	Best Practice	Description
1	EV Training	It is a technical skill development program designed to provide knowledge and hands-on experience in electric vehicle technology, maintenance, diagnostics, and safety. The training prepares students, technicians, and engineers to work in the fast-growing EV industry.

9.7 List three distinguished alumni of the department from the recent passes-out batch.

S.No	Name of the Alumni	Contact Details
1	LOKESHWARI D	Engineer, Emerson Electric Co(American multinational corporation), Chennai 88704 83661
2	NIVEDHA G	Engineer, Emerson Electric Co(American multinational corporation), Chennai 90434 27708
3	YUVARAJ N	Product Development Engineer, Lucas – TVS, Puducherry 7397 001 478

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Recommendations:

Criteria	Remarks
Curricular Aspects	Verified
Teaching, Learning and Evaluation	Verified
Structured Feedback	Verified
Research, Innovation and Publications	Greater emphasis is required on strengthening research activities
Collaborations and Linkages	Verified
Student Progression	Verified
Activity Conducted / Organized by the Department	Verified
Achievements	Verified
General Remarks	Verified all documents

Academic and Administrative Audit -Internal Members

Name and Signature
Dr.A.V.Srinath
Associate Professor/Biomedical Engineering
Sri Manakula Vinayagar Engineering College

Name and Signature
Dr.R.Sivakumar
Associate Professor/Master of Business Administration
Sri Manakula Vinayagar Engineering College

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENTS
Academic Year 2025-2026 (ODD Semester)
Internal Audit

SECTION –1: BASIC INFORMATION

Audit Date	13.3.2026
Name of the Department	Department Electronics and Communication Engineering
Year of Establishment	1999
Head of the Department	Dr.P.Raja
Programs Offered	

Name of the Program	Approved Intake
B.Tech – Electronics and Communication Engineering	240
M.Tech – Electronics and Communication Engineering	24
M.Tech – VLSI & Embedded Systems	24

Programs Discontinued if any	Nil

Number of full time Teachers

Designation	Available	Sanctioned	Filled
Professor	7	6	Yes
Associate Professor	9	12	No
Assistant Professor	39	32	Yes

Number of Technical Staff: 05

Number of Students

For UG -------:

Year	M	F	Total
First Year	149	88	237
Second Year	140	82	222
Third Year	138	90	228
Fourth Year	159	83	242
Total	**586**	**343**	**929**

For PG ------:

Year	M	F	Total
First Year	4	2	6
Second Year	-	1	1
Total	**4**	**3**	**7**

Faculty Student Ratio	For UG -------: 1:20	For PG ------: 1:15

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	**Yes**	-
2	Faculty Subject Preferences	**Yes**	-
3	Elective choices from the Students	**Yes**	-
4	Course allotment to the Faculty	**Yes**	-
5	Time Table (UG and PG)	**Yes**	-
6	Lesson plan for each course	**Yes**	-

2.2 Curriculum/syllabus revision

S.No	Program Name	Regulation	Last Revised on
1	B.Tech	R2023	20-03-2025
2	M.Tech – ECE	R2023	20-03-2025
3	M.Tech – VLSI	R2023	20-03-2025

Summary of changes in Curriculum/syllabus

Course / Area	Highlights of the Previous Curriculum / Syllabus	Highlights of the Current Curriculum / Syllabus
Digital Communication	Coverage was more general and did not explicitly include matched filter and its probability of error.	Unit I revised to include matched filter and probability of error, strengthening optimal signal detection concepts.
Digital Communication Laboratory	Lab focus was more conventional and lacked explicit emphasis on simulation based generation of digital modulation schemes.	Simulation tool integrated into the lab for ASK, FSK, PSK, improving practical understanding and hands on learning.
Micro Project	Students worked in teams of four, which limited individual contribution and assessment.	Team size reduced from four to two, enabling better evaluation of student participation and practical exposure.
Introduction to MEMS	Syllabus was considered too extensive, including several advanced topics beyond essential fundamentals.	Syllabus was streamlined to fundamental concepts; topics such as HSR Technology, Parylene, Fluorocarbon, large plane translation actuators, Role of MEMS in IoT, and some industrial applications were removed.
Real Time Operating System	Unit I was overloaded; task and scheduling topics were not optimally structured. Unit V covered fault tolerance techniques.	Unit I reduced for balance; Task and Scheduling treated more distinctly. Unit V revised to include Real Time Databases and Communication instead of fault tolerance techniques.
Hardware Description Languages	Content covered HDL more broadly, with insufficient focus on a single HDL stream.	Units IV and V revised to align with one chosen HDL (instead of splitting focus), improving clarity and depth.
Network Information Security	Unit I lacked enough general foundational topics; Unit II needed better structuring.	Unit I and II modified; Unit II specifically revised as User Authentication and Access Control, making the course more foundational and application-oriented.
Internet of Things (Semester VII)	Syllabus was broader and covered a wide range of topics, making the objectives less focused.	Syllabus reframed to narrow the course objectives and strengthen fundamentals. Unit V now emphasizes IoT applications, helping students connect basics with use cases.
RF and Microwave Communication (Semester VII)	Include more detailed study of RF and microwave frequencies.	Detailed RF/microwave frequency study was suggested to be condensed, with more emphasis on communication standards.
B.Tech Honors – Sensors Transducers Technology	Theory content was appreciated, but experimental exposure was less explicit.	Members recommended executing experiments using simulation, making the Honors course more practice-oriented.

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	III / V	**Cloud Computing Techniques**	U23ECE506	114
2	III / V	**Hardware Description Languages**	U23ECE509	57
3	III / V	**Network Information Security**	U23ECE510	57

4	IV / VII	**Satellite Communication**	U20ECCM05	61
5	IV / VII	**Fuzzy logic and Neural Network**	U20ICCM01	61
6	IV / VII	**Wireless Sensor Networks**	U20ECE720	120
7	I/I	**Professional Elective - I : VLSI Architecture**	P23VEE102	06

2.4 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1	III / V	MBA	New Product Development	U23HSOC02	114
2	III / V	MBA	Marketing Management	U23HSOC05	114
3	IV / VII	BME	Internet of Things for Healthcare	U20BMO705	120
4	IV / VII	ICE	Industrial Automation	U20ICO705	122

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	II/III	4 (Skill Enhancement Course – I: PCB Design)	U23ECS301	222

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	I / I	C++ Programming	U23ECC124	237
2	II / III	Databases	U23ECC371	222
3	III / V	Networking	U23ECC573	228
4	I/I	Certification Course – I: Python Programming	P23ECC131	06

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I / I	Induction Program (UHV-I)	U23ECM101	237
2	II / III	Climate change	U23ECM303	222
3	III / V	Essence of Indian Traditional Knowledge	U23ECM505	228

List of Add-on/Value Added/MOOC Courses conducted by the department

S.No	Year / Sem	Name of the Course	Course Code	Number of Students Registered	Number of Students Successfully Completed
1	II	A Brief Introduction of Micro-Sensor	-	1	1
2	II	Advanced Computer Architecture	-	1	1
3	II	Advanced Robotics Application	-	1	1
4	II	Air Pollution and Control	-	4	4

5	II	Analog Circuits and Systems	-	17	17
6	II	Analog Circuits	-	1	1
7	II	Basics of Semiconductor Microwave Devices	-	1	1
8	II	Cloud Computing and Distributed Systems	-	6	6
9	II	Design of Power Electronic Converters	-	1	1
10	II	Digital Design with Verilog	-	1	1
11	II	Electronic Systems Design: PCB Design with CAD	-	1	1
12	II	Enhancing Soft Skills and Personality	-	2	2
13	II	Evolution of Air Interface towards 5G	-	1	1
14	II	Fundamentals of Electronic Device Fabrication	-	6	6
15	II	Fundamentals of Electronic Materials and Devices	-	3	3
16	II	Introduction to Machine Learning (Tamil)	-	2	2
17	II	Microsensors, Implantable Devices and Rodent Surgeries	-	1	1
18	II	Microelectronics: Devices and Circuits	-	2	2
19	II	Microprocessors and Microcontrollers	-	1	1
20	II	Software Testing	-	4	4
21	II	Foundation of Cloud IoT Edge ML	-	3	3
22	II	Sensor Technologies: Physics, Fabrication and Circuits	-	7	7
23	II	Sensors and Actuators	-	6	6
24	II	The Joy of Computing Using Python	-	2	2
25	II	Introduction to Industry 4.0 and Industrial IoT	-	59	59
26	II	Introduction to Internet of Things	-	195	195
27	II	Python for Data Science	-	18	18
28	II	Problem Solving Through Programming in C	-	3	3
29	II	Soft Skill Development	-	3	3
30	III	Basics of Software Defined Radios and Practical Applications	-	1	1
31	III	CMOS Digital VLSI Design	-	4	4
32	III	Computer Graphics	-	1	1
33	III	Computer Networks and Internet Protocol	-	1	1
34	III	Digital Signal Processing	-	1	1
35	III	Fundamental of Semiconductor Devices	-	1	1
36	III	Integrated Circuit and Application	-	1	1
37	III	Introduction to Graphic Design	-	4	4
38	III	Introduction to Operating Systems	-	2	2
39	III	Introduction to Soft Computing	-	1	1

40	III	Machine Learning	-	1	1
41	III	Numerical Methods	-	2	2
42	III	System Design Through Verilog	-	1	1
43	III	Cloud Computing	-	28	28
44	III	Database Management System	-	4	4
45	III	Digital Circuits	-	5	5
46	III	Programming in Java	-	14	14
47	IV	Big Data Computing	-	1	1
48	IV	Control Systems	-	1	1
49	IV	Design Thinking – A Primer	-	2	2
50	IV	Global Navigation Satellite Systems and Applications	-	1	1
51	IV	Google Cloud Computing Foundations	-	1	1
52	IV	VLSI Design Flow: RTL to GDS	-	2	2

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: I/I

S.No	Name of the Course / Code	Section	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Engineering Mathematics – I U23MATC01	A	Dr.B.Kanimozhi	60	60	63
		B	Dr.S.Rajakumar			64
		C	Mrs.M.Subathra			65
		D	Mrs.M.Subathra			63
2	Physical Science for Engineers U23BSTC01	A	Dr. M. Agalya Mrs.S.Parameswari	45	45	47
		B	Dr. M. Agalya Mrs.S.Parameswari			46
		C	Dr.N.Ilanchezian Mrs.S.Parameswari			46
		D	Dr.N.Ilanchezian Mrs.S.Parameswari			48
3	Basics of Civil and Mechanical Engineering U23ESTC01	A	Mr.V.Murugappan Dr.D.Karunakaran	45	45	46
		B	Mr.V.Murugappan Dr.D.Karunakaran			46
		C	Mr.Raj Govind Chanrasekaran Dr.E.Manikandan			48
		D	Mr.Raj Govind Chanrasekaran Mr.N.Prakash kumar			47
4	Electrical Technology U23EETC01	A	Mrs.T.Porselvi	45	45	48
		B	Mr.S.Mughundhan			46
		C	Mr.B.Raghunath			47
		D	Ms.T.Abinaya Saraswathi			16
5	Circuits and Networks U23ECT101	A	Ms.R.Arthy	60	60	64
		B	Ms.R.Arthy			62
		C	Ms.A.Preetha			63

		D	Dr.Oma Mageshwari			62
6	Communicative English – I U23ENBC01	A	Mrs.G.Namitha	60	60	62
		B	Mrs.G.Namitha			60
		C	Mrs.K.Madhanavathy			61
		D	Mrs.K.Madhanavathy			62
7	Design Thinking and IDEA Lab U23ESPC02	A	Dr.S.Dhivya	30	30	33
		B	Mr.K.Jambulingam			32
		C	Mrs. Krishnalakshmi.A			32
		D	Mrs. S.Sivasankari			33
8	Electrical Technology Laboratory U23EEPC01	A	Mrs.T.Porselvi	30	30	33
		B	Mr.S.Mughundhan			32
		C	Mr.B.Raghunath			33
		D	Ms.T.Abinaya Saraswathi			32
9	Circuits and Networks Laboratory U23ECP101	A	Ms.R.Arthy	30	30	33
		B	Ms.A.Preetha			32
		C	Ms.A.Preetha			34
		D	Dr.Oma Mageshwari			31

Semester:II/III

S.No	Name of the Course / Code	Section	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Probability and Statistics U23MATC03	A	Dr. S. Rajakumar	60	60	62
		B	Dr. B. Kanimozhi			63
		C	Dr. B. Kanimozhi			64
		D	Dr. S. Rajakumar			62
2	Programming in Python U23ADTC01	A	Mrs.Jeevitha.R	45	45	46
		B	Mrs.Jeevitha.R			46
		C	Ms.A.Keethika			47
		D	Ms.A.Keethika			48
3	Electronic Circuits U23ECT302	A	Mr.R.Sivakumar	45	45	46
		B	Mr.S.Yuvaraj			46
		C	Mrs.P.Srividdhya			47
		D	Mrs.S.Anbarasi			46
4	Sensors and their Applications U23ECT304	A	Dr.S.B.Lenin	45	45	46
		B	Mr.Uthayasuriyan.K			48
		C	Mrs.S.Anbarasi			47
		D	Mr.S.Ganesan			46
5	Engineering Electromagnetics U23ECT305	A	Mrs.Janani. C	45	45	46
		B	Mr.Pushparaj . S			48
		C	Mrs.E.Priyanga			47
		D	Mr.P.Mahendra Peruman			46
6	Signals and	A	R.Priya	60	60	62

	Systems U23ECB301	B	Mrs.R.Gayathri			63
		C	Mr.P.Suseendar			64
		D	Mr.P.Suseendar			62
7	General Proficiency – I U23ENPC01	A	Ms.V.Vasumathi	30	30	30
		B	Ms.V.Vasumathi			30
		C	Ms.S.Jasmine			32
		D	Ms.S.Jasmine			30
8	Engineering Mathematics Laboratory U23MAPC01	A	Dr. S. Rajakumar	30	30	30
		B	Dr. B. Kanimozhi			32
		C	Mrs. M.Subathra			30
		D	Mrs. M.Subathra			32
9	Programming in Python Laboratory U23ADPC01	A	Mrs.Jeevitha.R	30	30	32
		B	Mrs.Jeevitha.R			32
		C	Ms.A.Keethika			34
		D	Ms.A.Keethika			30
10	Electronic Circuits Laboratory U23ECP303	A	Mr.R.Sivakumar	30	30	30
		B	Mr.S.Yuvaraj			30
		C	Mrs.P.Srividdhya			32
		D	Mr.S.Anbarasi			30
11	Skill Enhancement Course – I: PCB Design U23ECS301	A	Dr.Vankayala Chethan Prakash	30	30	30
		B	Mrs. Krishnapriya.T. S			32
		C	Mrs.R.Gayathri			32
		D	Mr.Pushparaj . S			30
12	Climate Change U23ECM303	A	Mrs.E.Priyanga	30	30	30
		B	Mrs. Krishnalakshmi.A			30
		C	Mr.Pushparaj . S			30
		D	Mr.R.Ilayaraja			32

Semester : III/V

S.No	Name of the Course / Code	Section	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Research Methodology U23HSTC02	A	Dr.P.Raja	45	45	46
		B	Mrs.K Priethamje Vithya			48
		C	Dr.P.Arunagiri			47
		D	Mrs. S.Sivasankari			46
2	Programming in JAVA U23ITTC02	A	Ms.Madhumitha	45	45	48
		B	Ms.Madhumitha			47
		C	Mr.Praveenkumar			46

		D	Mr.Ranjeeth			48
3	Communication Networks U23ECT508	A	Mr.Sundar Mohan	45	45	46
		B	M.Harikrishnan			48
		C	Dr.A.Jayachitra			47
		D	Ms.R. Priya			46
4	Digital Communication U23ECT509	A	Mrs.S.Jayanthi	45	45	48
		B	Dr. Josephine Mary Juliana			49
		C	Mr.K.Jambulingam			46
		D	Dr.R.Kurinjimalar			47
5	Cloud Computing Techniques (A) U23ECE506	A	Mrs.Kavitha.K	45	45	46
	Cloud Computing Techniques (B)	B	Dr.S.Dhivya			46
	U23ECE506 Hardware Description Languages U23ECE509	C	Mr.S.Mohanram			46
	Network Information Security U23ECE510	D	Mr.M.Harikrishnan			46
6	New Product Development (A) U23HSOC02	A	Mrs.S.S.Kayalvizhi	45	45	46
	New Product Development (B) U23HSOC02	B	Mrs.B.Geetha			46
	Marketing Management (B) U23HSOC05	C	Dr.S.Pougajendy			46
	Marketing Management (A) U23HSOC05	D	Mrs.G.Ramya			46
7	Programming in JAVA Laboratory U23ITPC02	A	Ms.Madhumitha	30	30	30
		B	Ms.Madhumitha			30
		C	Mr.Praveenkumar			32
		D	Mr.Ranjeeth			30
8	Communication Networks Laboratory U23ECP506	A	Mr.Sundar Mohan	30	30	34
		B	M.Harikrishnan			34
		C	Dr.A.Jayachitra			34
		D	Ms.R.Priya			34
9	Digital Communication Laboratory U23ECP507	A	Mrs.S.Jayanthi	30	30	34
		B	Dr. Josephine Mary Juliana			34
		C	Mr.K.Jambulingam			34
		D	Dr.R.Kurinjimalar			34
10	Micro Project U23ECW501	A	Dr.T.Deepa	30	30	36
		B	Dr. R. Subramaniyan			36
		C	Mrs.R.Gayathri			36

		D	Mr.S.Ganesan			
11.	Certification Course – V U23ECC5XX	A	Mr.Sundhar mohan	30	30	36
		B	Mr.M.Harikrishnan			36
		C	Mr.K.Jambulingam			36
		D	Ms.R.Priya			36
12.	Essence of Indian Traditional Knowledge U23ECM505	A	Dr.S.Sathiyapoobalan	30	30	36
		B	Ms.Megalajothy			36
		C	Mrs. Krishnalakshmi.A			36
		D	Mrs.Janani. C			36

SEMESTER:IV/VII

S.No	Name of the Course / Code	Section	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Millimeter and Optical Wave Communication U20ECT716	A	Mr.J.Soundararajan	45	45	46
		B	Mr.J.Dhanapathi			47
		C	Dr.N.Saranya			48
		D	Dr.R.Kalaiyarasan			46
2	Internet of Things U20ECCM04	A	Dr.V.Sugasini	45	45	46
		B	Mr.R.Ilayaraja			47
		C	Mr.Navaneethakrishan.V.M			48
		D	Dr.R.Vijayarani			46
3	Satellite Communication U20ECCM05	A	Mrs.Preethamji vithya	45	45	46
	Fuzzy logic and Neural Network U20ICCM01	B	Dr.C.A.Sathiyamoorthy			46
	Wireless Sensor Networks (A) U20ECE720	C	Mr.S.Mohanram			46
	Wireless Sensor Networks (B) U20ECE720	D	Dr.R.Subramaniyan			46
4	Internet of Things for Healthcare (A) U20BMO705	A	Mrs.M.S. Vandhana	45	45	46

	Internet of Things for Healthcare (B) U20BMO705	B	Mrs.Sivasankari			46
	Industrial Automation U20ICO705	C	Mr.P.Mahendra Peruman			46
	Industrial Automation U20ICO705	D	Mr.J. Soundararajan			46
5	Business Basics for Entrepreneur U20HSP703	A	Ms. H. Divya	45	45	46
		B	Ms.T.Divya			46
		C	Dr.A.Vinoth			45
		D	Ms. R. Keerthana			46
6	High Frequency Communication Laboratory U20ECP713	A	Mr. J. Soundararajan	45	45	46
		B	Mr.J.Dhanapathi			47
		C	Dr.N.Saranya			45
		D	Dr. R. Kalaiyarasan			48
7	Internet of Things Laboratory U20ECP714	A	Dr.V. Sugasani	45	45	48
		B	Mr.R.Ilayaraja			48
		C	Mr.Navaneethakrishan.V.M			48
		D	Dr. R. Vijayarani			48
8	Comprehensive Viva Voce U20ECP715	A	Mr. P. Mahendra Peruman	45	45	46
		B	Mrs.C.Janani			46
		C	Dr.S.Premkumar			46
		D	Mrs. M. S. Vandhana			46
9	Project Phase–I U20ECW701	A	Dr. S. B. Lenin	45	45	50
		B	Dr.C.A.Sathiyamoorthy			50
		C	Dr.N.Saranya			50
		D	Dr. P.Arunagiri			50
10	Internship U20ECW702	A	Mr. J. Soundararajan	45	45	50
		B	Mr.J.Dhanapathi			50
		C	Mr.Navaneethakrishan.V.M			50
		D	Dr. R. Vijayarani			50
11	Professional Ethics U20ECM707	A	Mrs. K. Priethamje Vithyad	30	30	32
		B	Mrs.Geetha.R			30
		C	Mr.Uthayasuriyan.K			32
		D	Ms. E. Priyanga			30

3.2 Use of ICT Tools in Teaching Learning

Semester: I

S.No.	Section	Name of the Faculty	Name of the Course for which ICT tools Used	ICT Tools/Technique used
1.	A	Dr.B.Kanimozhi	Engineering Mathematics - I	Digital board , Simulation tools
	B	Dr.S.Rajakumar		
	C	Mrs.M.Subathra		
	D	Mrs.M.Subathra		
2.	A	Dr. M. Agalya Mrs.S.Parameswari	Physical Science for Engineers	Power Point Presentation
	B	Dr. M. Agalya Mrs.S.Parameswari		
	C	Dr.N.Ilanchezian Mrs.S.Parameswari		
	D	Dr.N.Ilanchezian Mrs.S.Parameswari		
3.	A	Mr.V.Murugappan Dr.D.Karunakaran	Basics of Civil and Mechanical Engineering	Power Point Presentation
	B	Mr.V.Murugappan Dr.D.Karunakaran		
	C	Mr.Raj Govind Chanrasekaran Dr.E.Manikandan		
	D	Mr.Raj Govind Chanrasekaran Mr.N.Prakash kumar		
4.	A	Mrs.T.Porselvi	Electrical Technology	Power Point Presentation
	B	Mr.S.Mughundhan		
	C	Mr.B.Raghunath		
	D	Ms.T.Abinaya Saraswathi		
5.	A	Ms.R.Arthy	Circuits and Networks	Quiz, Video Lectures
	B	Ms.R.Arthy		
	C	Ms.A.Preetha		
	D	Dr.Oma Mageshwari		
6.	A	Mrs.G.Namitha	Communicative English - I	Power Point Presentation
	B	Mrs.G.Namitha		
	C	Mrs.K.Madhanavathy		
	D	Mrs.K.Madhanavathy		
7.	A	Dr.S.Dhivya	Design Thinking and IDEA Lab	Video Lecture
	B	Mr.K.Jambulingam		
	C	Mrs. Krishnalakshmi.A		
	D	Mrs. S.Sivasankari		
8.	A	Mrs.T.Porselvi	Electrical Technology Laboratory	Video Lecture
	B	Mr.S.Mughundhan		
	C	Mr.B.Raghunath		
	D	Ms.T.Abinaya Saraswathi		
9.	A	Ms.R.Arthy	Circuits and Networks Laboratory	Video Lecture
	B	Ms.A.Preetha		
	C	Ms.A.Preetha		
	D	Dr.Oma Mageshwari		

Semester: III

S.No	Section	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	A	Dr. S. Rajakumar	Probability and Statistics	Digital Board
	B	Dr. B. Kanimozhi		
	C	Dr. B. Kanimozhi		
	D	Dr. S. Rajakumar		

2	A	Mrs.Jeevitha.R	Programming in Python	Power Point Presentation
	B	Mrs.Jeevitha.R		
	C	Ms.A.Keethika		
	D	Ms.A.Keethika		
3	A	Mr.R.Sivakumar	Electronic Circuits	Group Discussion, Collaborative Learning, Power Point Presentation, Quiz, Video Lectures
	B	Mr.S.Yuvaraj		
	C	Mrs.P.Srividdhya		
	D	Mrs.S.Anbarasi		
4	A	Dr.S.B.Lenin	Sensors and their Applications	Digital Board
	B	Mr.Uthayasuriyan.K		
	C	Mrs.S.Anbarasi		
	D	Mr.S.Ganesan		
5	A	Mrs.Janani. C	Engineering Electromagnetics	Video Lecture
	B	Mr.Pushparaj . S		
	C	Mrs.E.Priyanga		
	D	Mr.P.Mahendra Peruman		
6	A	R.Priya	Signals and Systems	Group Discussion, Collaborative Learning, Quiz, Project based Learning, Video Lectures
	B	Mrs.R.Gayathri		
	C	Mr.P.Suseendar		
	D	Mr.P.Suseendar		
7	A	Ms.V.Vasumathi	General Proficiency – I	Video Lecture
	B	Ms.V.Vasumathi		
	C	Ms.S.Jasmine		
	D	Ms.S.Jasmine		
8	A	Dr. S. Rajakumar	Engineering Mathematics Laboratory	Simulation
	B	Kanimozhi		
	C	Mrs.M.Subathra		
	D	Mrs. M.Subathra		
9	A	Mrs.Jeevitha.R	Programming in Python Laboratory	Video Lecture
	B	Mrs.Jeevitha.R		
	C	Ms.A.Keethika		
	D	Ms.A.Keethika		
10	A	Mr.R.Sivakumar	Electronic Circuits Laboratory	Virtual Lab- Simulation
	B	Mr.S.Yuvaraj		
	C	Mrs.P.Srividdhya		
	D	Mr.S.Anbarasi		

Semester: V

S.No	Section	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	A	Dr.P.Raja	Research Methodology	Group Discussion, Collaborative Learning, Quiz, Project based Learning, Flipped Class rooms
	B	Mrs.K Priethamje Vithya		
	C	Dr.P.Arunagiri		
	D	Mrs. S.Sivasankari		
2.	A	Ms.Madhumitha	Programming in JAVA	Power Point Presentation
	B	Ms.Madhumitha		
	C	Mr.Praveenkumar		
	D	Mr.Ranjeeth		

3.	A	Mr.Sundar Mohan	Communication Networks	Power Point Presentation
	B	Mr.M.Harikrishnan		
	C	Dr.A.Jayachitra		
	D	Ms.R.Priya		
4.	A	Mrs.S.Jayanthi	Digital Communication	Group Discussion
	B	Dr. Josephine Mary Juliana		
	C	Mr.K.Jambulingam		
	D	Dr.R.Kurinjimalar		
5.	A	Mrs.Kavitha.K	Cloud Computing Techniques	Power Point Presentation
	B	Dr.S.Dhivya		
6.	A,B,C,D	Mr.S.Mohanram	Hardware Description Languages	Power Point Presentation
7.	A,B,C,D	Mr.M.Harikrishnan	Network Information Security	Power Point Presentation
8.	A	Mrs.S.S.Kayalvizhi	New Product Development	Power Point Presentation
	B	Mrs.B.Geetha		
9.	A	Dr.S.Pougajendy	Marketing Management	Power Point Presentation
	B	Mrs.G.Ramya		
10.	A	Ms.Madhumitha	Programming in JAVA Laboratory	Virtual Lab
	B	Ms.Madhumitha		
	C	Mr.Praveenkumar		
	D	Mr.Ranjeeth		
11.	A	Mr.Sundar Mohan	Communication Networks Laboratory	Video Lecture
	B	Mr.M.Harikrishnan		
	C	Dr.A.Jayachitra		
	D	Ms.R.Priya		
12.	A	Mrs.S.Jayanthi	Digital Communication Laboratory	Virtual Lab
	B	Dr. Josephine Mary Juliana		
	C	Mr.K.Jambulingam		
	D	Dr.R.Kurinjimalar		
13.	A	Dr.T.Deepa	Micro Project	Power Point Presentation
	B	Dr. R. Subramaniyan		
	C	Mrs.R.Gayathri		
	D	Mr.S.Ganesan		
14.	A	Mr. Saravanan Boopalan	Essence of Indian Traditional Knowledge	Power Point Presentation
	B	Mr.V.Soubbayav		
	C	Mrs. Krishnalakshmi.A		
	D	Mrs.Janani. C		

Semester: VII

S.No	Section	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	A	Mr.J.Soundararajan	Millimeter and Optical Wave Communication	Group Discussion, Collaborative Learning, Video Lectures, Hands-on Training - Lab Course
	B	Mr.J.Dhanapathi		
	C	Dr.N.Saranya		
	D	Dr.R.Kalaiyarasan		
2.	A	Dr.V.Sugasini	Internet of Things	Power Point Presentation
	B	Mr.R.Ilayaraja		
	C	Mr.Navaneethakrishan.V.M		
	D	Dr.R.Vijayarani		
3.	A	Mr.S.Mohanram	Wireless Sensor Networks	Power Point Presentation
	B	Dr. R. Subramaniyan		
4.	A,B,C,D	Mrs.Preethamji vithya	Satellite Communication	Power Point

				Presentation
5.	A,B,C,D	Dr.C.A.Sathiyamoorthy	Fuzzy logic and Neural Network	Power Point Presentation
6.	A	Mrs.M.S.Vandhana	Internet of Things for Healthcare	Group Discussion, Power Point Presentation, Case Study, Video Lectures
	B	Mrs.Sivasankari		
7	A	Mr.P.Mahendra Peruman	Industrial Automation	Virtual Lab
	B	Mr.J.Soundararajan		
8.	A	Ms.H.Divya	Business Basics for Entrepreneur	Video Lecture
	B	Ms.T.Divya		
	C	Dr.A.Vinoth		
	D	Ms.R.Keerthana		
9.	A	Mr.J.Soundararajan	High Frequency Communication Laboratory	Virtual Lab
	B	Mr.J.Dhanapathi		
	C	Dr.N.Saranya		
	D	Dr.R.Kalaiyarasan		
10.	A	Dr.V.Sugasini	Internet of Things Laboratory	Video Lecture
	B	Mr.R.Ilayaraja		
	C	Mr.Navaneethakrishan.V.M		
	D	Dr.R.Vijayarani		
11.	A	Mr.P.Mahendra Peruman	Comprehensive Viva Voce	Video Lecture, Quiz
	B	Mrs.C.Janani		
	C	Dr.S.Premkumar		
	D	Mrs.M.S.Vandhana		
12.	A	Dr.S.B.Lenin	Project Phase–I	Power Point Presentation
	B	Dr.C.A.Sathiyamoorthy		
	C	Dr.N.Saranya		
	D	Dr.L.M.Varalakshmi		
13.	A	Mr.J.Soundararajan	Internship	Power Point Presentation
	B	Mr.J.Dhanapathi		
	C	Mr.Navaneethakrishan.V.M		
	D	Dr.R.Vijayarani		
14.	A	Mrs.K Priethamje Vithya	Professional Ethics	Power Point Presentation
	B	Mrs.Geetha.R		
	C	Mr.Uthayasuriyan.K		
	D	Ms.E.Priyanga		

Semester : I (M.TECH – VLSI & ES)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.M.Subathra	P23MAT102/Applied Mathematics for VLSI	Digital Board
2	Mr.Imtiaz	P23VET101/Electronic Design Automation Tools	Power Point Presentation
3	Mr.V.Soubbayav	P23VET102/FPGA Based System Design	Power Point Presentation
4	Mrs.R.Geetha	P23VET103/VLSI Design Techniques	Power Point Presentation
5	Dr.J.Pradeep	P23HSTC01/Research Methodology and IPR	Power Point Presentation
6	Dr.Vankayala Chettan Prakash	P23VEE102/Professional Elective – I VLSI Architecture	Power Point Presentation
7	Mr.Pushparaj . S	P23VEP101/VLSI Design Laboratory	Virtual Lab
8	Dr.J.Pradeep	P23HSTC02/Technical Report Writing and	Power Point

		Seminar	Presentation
9	Dr.J.Pradeep	Audit Course - I - Constitution of India	Power Point Presentation

Semester : III (M.TECH – VLSI & ES)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.Punitha. A	P23VEEC04 /Professional Elective - IV Real Time Operating System	Digital Board
2	Mrs.Kanimozhi. R	P23VEE31/Professional Elective - V Advanced Image Processing	Power Point Presentation
3	Mr.Saravanan Boopalan	P23VEE320/Professional Elective - VI Smart Technologies for Pervasive Computing	Power Point Presentation
4	Dr.J. Pradeep	P23VEW301/Project Phase I	Power Point Presentation
5	Dr.J. Pradeep	P23VEW302/Internship	Power Point Presentation
6	Dr.J. Pradeep	P23VEC301/NPTEL / SWAYAM / MOOC	Video Lecture

3.3 List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1.	Innovation to Enterprise: Exploring Startups, Jobs, and Higher Studies	Mr. Surya Trinadh Chodisetty	8/13/2025	III Yr and IV yr Students
2.	VLSI for Beginners: Academic to Industry Transition Path	Ms.Dhanshree Kshirsagar	7/26/2025	III yr Students
3.	Industry Connect: Bridging Emerging Challenges to Innovative Project Solutions	Mr. S. Chandramouli	7/29/2025	III Year students
4.	SKILL BUILDING WORKSHOP ON RACEBOTS	Club Members	8/7/2025	II year and III year students
5.	Workshop In Introduction To Devops And Aws	Mr.V.Durai Murugan	6/28/2025	III YEAR
6.	Interactive Guest Lecture with Hands-on Session on "PCB Design from Fundamentals to Real-Time Implementation"	Mr.V.Sanjieev, Operation Head & CEO, Shazana Infotech	7/17/2025	II YEAR
7.	Robotics and Healthcare Applications	Dr. Renuka Devi. G	26/6/2025	III yr Students
8.	Advanced in Motion Sensing Technology	Dr. Sri Ram Shankar Rajadurai	4/09/2025	II Year students
9.	Expert Lecture on Think Nano, Build Mega: VLSI for Future Engineers	Dr.K.Swaminathan	29/07/2025	III yr Students

10.	Seminar on Transforming the Future of Intelligence: From Concept to Chip Fabrication using Open POWER Platform	Mr.K.Madan	21/03/2025	II Year students
11.	Expert Lecture on Practical Applications and Debugging Tricks for Embedded Controllers – From Code to Circuit	Hareesh ice janakiraman	24/3/2025	III yr Students
12.	Guest Lecture on Exploring Azure Fundamentals and Service Models in Cloud	Mr.R.A.Madhan Ram	29/08/2025	III yr Students
13.	Guest Lecture on Mastering the Cloud Infrastructure with Azure and AWS Platforms	Mr.R.Magesh	30/08/2025	II Year students

3.4 Activities for Slow and Advanced Learners
Semester: III

S.No	Name of the Course	Section	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Probability and Statistics - U23MATC03	A	Dr. S. Rajakumar	Yes	2	Yes
		B	Dr. B. Kanimozhi		3	
		C	Dr. B. Kanimozhi		3	
		D	Dr. S. Rajakumar		2	
2	Programming in Python - U23ADTC01	A	Mrs.Jeevitha	Yes	2	Yes
		B	Mrs.Jeevitha		3	
		C	Ms.A.Keethika		3	
		D	Ms.A.Keethika		2	
3	Electronic Circuits	A	Mr.R.Sivakumar	Yes	2	Yes
		B	Mr.S.Yuvaraj		3	
		C	Mrs.P.Srividdhya		3	
		D	Mrs.S.Anbarasi		2	
4	Sensors and its Applications	A	Dr.S.B.Lenin	Yes	2	Yes
		B	Dr.C.A.Sathiyamoorthy		3	
		C	Mrs.S.Anbarasi		3	
		D	Mr.S.Ganesan		2	
5	Engineering Electromagnetics	A	Dr.A.Jayachitra	Yes	2	Yes
		B	Dr.S.Premkumar		3	
		C	Dr.R.Kalaiyarasan		3	
		D	Mr.P.Mahendra Peruman		2	
6	Signals and Systems	A	R.Priya	Yes	2	Yes
		B	Mrs.R.Gayathri		3	
		C	Mrs.S.Jayanthi		3	

		D	Mr.P.Suseendar		2	
7	General Proficiency - I	A	Ms.V.Vasumathi	Yes	2	Yes
		B	Ms.V.Vasumathi		3	
		C	Ms.S.Jasmine		3	
		D	Ms.S.Jasmine		2	

3.4 Activities for Slow and Advanced Learners
Semester: V

S.No	Name of the Course	Section	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Research Methodology	A	Dr.R.Vijayarani	Yes	2	Yes
		B	Dr.V.Sugasini		3	
		C	Dr. L.M. Varalakshmi		3	
		D	Mrs.R.Gayathri		2	
2	Programming in JAVA	A	Ms.Madhumitha	Yes	2	Yes
		B	Ms.Madhumitha		3	
		C	Mr.Praveenkumar		3	
		D	Mr.Ranjeeth		2	
3	Communication Networks	A	Mr.Sundar Mohan	Yes	2	Yes
		B	M.Harikrishnan		3	
		C	Dr.A.Jayachitra		3	
		D	Ms.R.Priya		2	
4	Digital Communication	A	Mrs.S.Jayanthi	Yes	2	Yes
		B	Ms.A.Preetha		3	
		C	Mr.K.Jambulingam		3	
		D	Dr.R.Kurinjimalar		2	
5	Cloud Computing Techniques (A)	A	Dr.S.B.Lenin	Yes	2	Yes
	Cloud Computing Techniques (B)	B	Dr.S.Dhivya		3	
	Hardware Description Languages	A,B,C,D	Mr.S.Mohanram		3	
	Network Information Security	A,B,C,D	Mr.M.Harikrishnan		2	
6	New Product Development (A)	A	Mrs.S.S.Kayalvizhi	Yes	2	Yes
	New Product Development (B)	B	Mrs.B.Geetha		3	
	Marketing Management (B)	A,B,C,D	Dr.S.Pougajendy		3	
	Marketing Management (A)	A,B,C,D	Mrs.G.Ramya		2	

3.4 Activities for Slow and Advanced Learners
Semester: VII

S.No	Name of the Course	Section	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Millimeter and Optical Wave Communication	A	Mr.J.Soundararajan	Yes	2	Yes
		B	Mr.J.Dhanapathi		3	
		C	Dr.N.Saranya		2	
		D	Dr.R.Kalaiyarasan		2	
2	Internet of Things	A	Mrs.V.Logisvary	Yes	2	Yes
		B	Dr.J.Pradeep		2	
		C	Mr.Navaneethakrishan.V.M		2	
		D	Dr.R.Vijayarani		2	
5	Satellite Communication	A	Mrs.Preethamji vithya	Yes	2	Yes
	Fuzzy logic and Neural Network	B	Dr.C.A.Sathiyamoorthy		2	
	Wireless Sensor Networks (A)	C	Dr.Vankayala Chethan Prakash		2	
	Wireless Sensor Networks (B)	D	Dr. L.M. Varalakshmi		2	
6	Internet of Things for Healthcare (A)	A	Mrs.M.S.Vandhana	Yes	2	Yes
	Internet of Things for Healthcare (B)	B	Mrs.Sivasankari		2	
	Industrial Automation	C	Mr.P.Mahendra Peruman		2	
	Industrial Automation	D	Mr.J.Soundararajan		2	

3.5 Counseling and Mentoring

No. of Students in Department	Number of Mentors in the Department	Mentor : Mentee Ratio

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor allocation	Yes	-
2	Class wise student profile record maintained.	Yes	-
3	Mentor–mentee session record maintained.	Yes	-

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous assessment examination conducted as per the academic calender	Yes	-
2	Is proper evaluation methods used for courses such as Employability	Yes	-

	Enhancement Courses, mandatory courses etc.,		
3	Details of internal marks awarded	**Yes**	-
4	Any grievances raised in internal evaluation?	**No**	-

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	**Yes**	-
2	Correlation of COs with POs and PSOs for each course available	**Yes**	-
3	Course Exit survey conducted	**Yes**	-
4	Course Outcome Attainment Calculated	**Yes**	-
5	Corrective Action Suggestion available for the courses where CO target is not attained	**Yes**	-
6	Program exit survey conducted	**Yes**	-
7	PSO and PO attainment through CO	**Yes**	-
8	Corrective Action Suggestion available where PO target is not attained	**Yes**	-

3.8 Student Performance in End Semester Examination

UG Course June 2025 – November 2025

I Semester – 2025-2029

Sr. No	Particular	B.Tech
1	Number of Students appeared	237
2	Number of All Clear Students	205
3	Number of Students passed with Distinction	-
4	Number of Students passed with First Class	-
5	Number of Students passed with Second Class	-
6	Number of Students Failed	32
7	Passing Percentage	86.49 %

III Semester – 2024-2028

Sr. No	Particular	B.Tech
1	Number of Students appeared	222
2	Number of All Clear Students	178
3	Number of Students passed with Distinction	-
4	Number of Students passed with First Class	-
5	Number of Students passed with Second Class	-
6	Number of Students Failed	44
7	Passing Percentage	80.18 %

V Semester – 2023-2027

Sr. No	Particular	B.Tech
1	Number of Students appeared	228
2	Number of All Clear Students	201
3	Number of Students passed with Distinction	-

4	Number of Students passed with First Class	-
5	Number of Students passed with Second Class	-
6	Number of Students Failed	27
7	Passing Percentage	88.15 %

VII Semester – 2022-2026

Sr. No	Particular	B.Tech
1	Number of Students appeared	242
2	Number of All Clear Students	214
3	Number of Students passed with Distinction	-
4	Number of Students passed with First Class	-
5	Number of Students passed with Second Class	-
6	Number of Students Failed	28
7	Passing Percentage	88.42 %

PG Course June 2025 – November 2025

III Semester – 2024-2026

Sr. No	Particular	M.Tech VLSI
1	Number of Students appeared	01
2	Number of All Clear Students	01
3	Number of Students passed with Distinction	-
4	Number of Students passed with First Class	-
5	Number of Students passed with Second Class	-
6	Number of Students Failed	-
7	Passing Percentage	100 %

3.9 Student Performance of Outgoing Students

UG Course 2021-2025

Sr. No	Particular	M.Tech ECE
1	Number of outgoing Students	227
2	Number of Students successfully completed the program	167
3	Number of Students completed the program with no backlog	126
4	Number of Students completed the program with backlog	99

PG Course 2023-2025

Sr. No	Particular	M.Tech VLSI
1	Number of outgoing Students	03
2	Number of Students successfully completed the program	03
3	Number of Students completed the program with no backlog	02
4	Number of Students completed the program with backlog	01

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Academic expert feedback on curriculum with analysis and action taken report	Yes	29	-
2	Employer feedback on curriculum with analysis and action taken report	Yes	19	-
3	Teacher feedback on curriculum with analysis and action taken report	Yes	56	-
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes	56	-
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	178	-
6	Alumni feedback on curriculum with analysis and action taken report	Yes	621	-
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	643	-
8	Graduate (program) Exit Survey with analysis and action taken report	Yes	210	-

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
1	Dr. P. Raja	Low-Cost Audio and PIR signal based Wild Boars Anomaly Detection and Crop Protection System	IEEE SPS/T4G	1.25,000	6 Months

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
-	-	-	-	-	-

5.3 Faculty Publications (faculty-wise list)

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors
1	2021-2025	14	27	52	4	2.8
		-	10	53	4	-
		-	5	5	2	1.06
		-	-	64	2	-
		-	14	5	1	-
		1	13	273	6	-
		4	8	47	4	2.48

		-	-	24	2	-
		3	12	43	2	2.1
		1	2	71	3	-
		-	2	17	3	-
		2	4	31	4	-
		-	-	17	3	-
		3	7	185	5	2.62
		3	4	58	3	1.69
		-	6	1	1	-
		-	-	7	2	-
		-	-	5	1	-
		1	3	-	1	-
		1	1	43	3	1.3
		-		3	1	-
		6	-	8	2	-
		1	5	15	2	5.25

Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	2
Number of Publications in International Journals	-
Number of Publications in National Conferences	-
Number of Publications in International Conferences	18
Number of Books / Book Chapters	5
Number of Patents (Filed)	26
Number of Patents Granted	1
Number of Design Patents (Filed)	3
Number of Design Patents Granted	-

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
NIL				

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	A Recommendation System for Clinical Decision Support using Reactive Neural Learning	Dr.R.Kalaiyarasan	Iranian Journal of Science and Technology, Transactions of Electrical Engineering	Accepted	WOS
2	Power quality disturbance identification using hybrid deep learning in renewable energy systems	P Mahendra Peruman	Scientific Reports	Nov 2025 Online	SCI

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
NIL						

International Conference

S.No	Title of the Paper	Name of the	Title of the	Name of	ISBN /	Publisher

		Authors	Proceedings of the Conference	the Conference	ISSN	
1	Flexible Metasurface-Loaded RF Coil for 3T MRI Articular Cartilage Imaging	Dr. N. Saranya	2025 International Conference in Advances in Power, Signal, and Information Technology (APSIT)	23-25 May 2025	979-8-3315-2989-5	IEEE
2	Multiband Modified CSRR Antenna for Wireless Applications	Dr. T. Deepa	IEEE International conference on radio engineering communication and networks	19 and 20 June	979-8-3315-1316-0	IEEE
3	Lora Based Remote Monitoring Emergency System For Underground Miners	Suseendhar P	IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA-2025)	5 & 6 June 2025	979-8-3315-1485-3/25	IEEE
4	A Smart Urine Analysis Device For Diabetic Patients	S. Mohanram	IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA-2025)	5 & 6 June 2025	979-8-3315-1485-3/25	IEEE
5	Regenerative Dual Charging System for Vehicle	Raja P	IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA-2025)	5 & 6 June 2025	979-8-3315-1485-3/25	IEEE
6	Continuous Energy Generative Solar Panel Using Infrared Technology	Raja P	IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA-2025)	5 & 6 June 2025	979-8-3315-1485-3/25	IEEE
7	Low-Power Non-Volatile Flip-Flop Design Using Nand-Spin Logic for Energy-Efficient Systems	J Pradeep	IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA-2025)	5 & 6 June 2025	979-8-3315-1485-3/25	IEEE
8	Multiband Wi-Fi and Wi-Max Antenna for IOT	T.Deepa	IEEE International Conference on	5 & 6 June 2025	979-8-3315-1485-	IEEE

	Applications		Emerging Technologies in Engineering Applications (ICETEA-2025)		3/25	
9	A Python Programmed Resnet-50 Cnn Designed For Low Light Image Enhancement	S Ganesan	IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA-2025)	5 & 6 June 2025	979-8-3315-1485-3/25	IEEE
10	A CQ Algorithmic Approach To Stealthy Steganography For Concealing Patient's Medical Data	R.Gayathri	IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA-2025)	5 & 6 June 2025	979-8-3315-1485-3/25	IEEE
11	Smart Traffic Alert System For Mountainous Regions	Navaneetha Krishnan M	IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA-2025)	5 & 6 June 2025	979-8-3315-1485-3/25	IEEE
12	Design of a Highly Stable and Robust 9t SRAM Cell Using CNTFET for Low Power Smart Device Applications	S Jayanthi	IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA-2025)	5 & 6 June 2025	979-8-3315-1485-3/25	IEEE
13	Frequency-Adaptive Low-Light Image Enhancement Using Laplacian Pyramid and Blending Scheme	R.Kurinjimalar	IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA-2025)	5 & 6 June 2025	979-8-3315-1485-3/25	IEEE
14	Integrating Depression Detection system : face speech and text analysis using machine learning	Dr. P. Raja	IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA-2025)	5 & 6 June 2025	979-8-3315-1485-3/25	IEEE
15	Cost-Effective OPtimixation of renewable energy system with hybrid atomic orbitial and binary light spectrum	Suseendhar P	2025 3rd International Conference on Data Science and Information System (ICDSIS)	15.07.2025	979-8-3315-4265-8	IEEE

	algorithm					
16	QNN-IDS: A Quantum Neural Network Framework for Intelligent Intrusion Detection	S Yuvaraj	9th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) I-SMAC 2025	8.10.2025 to 10.10.2025	2768-0673	Tribhuvan University Institute of Engineering
17	Autonomous Vehicle Detection and Classification using Feature Mapping in Generative Adversarial Network	Dr.R.Kalaiyarsan	International Conference on Artificial Intelligence and Secure Data Analytics (ICAISDA-2025).	29.12.2025 to 30.12. 2025	Accepted	Advances in Intelligent Systems Research
18	Cooperative Game-Theoretic Inverse Reinforcement Learning for Smart Grid Scheduling	Dr.Vankayala Chethan Prakash, Mr.R.Sivakumar,	2nd International Conference on Artificial Intelligence and Emerging Technologies 2.0 (AISUMMIT 2025)	19.11.2025 to 21.11.2025	Accepted	Bennett University

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Efficient Arcsine /Arccosine computation using CORDIC with LUT and input –gain compensation	Dr. R. Ramya	Accepted	Springer
2	Non-Invasive Gastric Motility Monitoring Using Electrogastrography: Toward Intelligent Gastroenterological Diagnostics	S. Mohanram	Accepted	IGI Global Publisher
3	Deep Learning-Powered Electroglottogram Analysis for Thyroid and Voice Disorder Detection	S. Mohanram	Accepted	IGI Global Publisher

Patent

S. No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	P.Suseendhar.	Dr. Kapilya Gangadharan Dr. R. Clinktan Dr. M. Siva Ramkumar Dr. K. Balachander Dr. M. Sivaramkrishnan P.Suseendhar	Tracking Band For Domestic Animals	468450-001	India	Published
2	Sri Manakula Vinayagar Engineering College	Dr. P. Raja , Professor & Head, ECE Dr. N. Saranya, Associate Professor/ECE Dr. T. Deepa, Assistant Professor/ECE Vigneshwara, UG Student	Low-cost audio and PIR signal-based Wild boar Anomaly Detection and crop Production System	-	India	Filed
3	Sri Manakula	Dr. S. B. Lenin, Associate	An On-Board	-	India	Filed

	Vinayagar Engineering College	Professor/ECE Dr. P.Raja, Professor /ECE Dr.N.Saranya, Associate Professor /ECE E. Aglian, UG Student T. Deepak kumar, UG Student R. Gokulakrishinan , UG Student	Medical Dispenser System For Passenger Wellbeing On The Tracks Using Iot			
4	Sri Manakula Vinayagar Engineering College	Dr. R. Kalaiyarasan, Associate Professor, ECE Dr. P. Raja ,Professor & Head, ECE Priya. R, Assistant 5Professor, ECE Preetha. A, Assistant Professor, ECE Tamilselvi. D, Assistant Professor, ECE Agalya J, UG Student Dharshini T, UG Student Dhivya Lakshmi V, UG Student	Automated Bike Side Stand System	-	India	Filed
5	Sri Manakula Vinayagar Engineering College	Dr. R. Kurinjimalar, Professor/ECE Dr. P. Raja, Professor & Head /ECE Dr.P. Arunagiri, Associate Professor /ECE Dr.J. Pradeep, Associate Professor /ECE	Medical Ortho Shoe Using Arduino Microcontrollers	-	India	Filed
6	Sri Manakula Vinayagar Engineering College	Dr.R.Kalaiyarasan, Associate Professor/ECE S.Mohanram, Assistant Professor/ECE Dr. N. Saranya, Associate Professor/ECE R.Suganthan,S, UG Student S. Gokulnathan, UG Student J. Gopinathan, UG Student	Gas Leak And Gas Backflow Detection And Alert System For Public Safety.	-	India	Filed
7	Sri Manakula Vinayagar Engineering College	Mr.J.Soundararajan, Assistant Professor/ECE Mahendra Peruman.P, Assistant Professor/ECE Mohanram.S, Assistant Professor/ECE Kogul S, UG Student K. Ranjithkumar, UG Student Prasanth B, UG Student	Smart Heat Recovery Ventilator(HRV) System with Dual Filtration For Optimal Indoor Air Quality	-	India	Filed
8	Sri Manakula Vinayagar Engineering College	Dr.N. Saranya, Associate Professor, ECE Dr. P. Raja, Professor & Head/ECE Dr. T. Deepa, Assistant Professor/ECE	Transit Seat Occupancy Detection And Display	-	India	Filed

		Navaneethakrishnan.V.M, Assistant Professor , ECE Krishnalakshmi.A, Assistant Professor , ECE Yuvashakkthi K, UG Student Kamini S, UG Student Rajasri P, UG Student				
9	Sri Manakula Vinayagar Engineering College	Dr. P. Raja, Professor & Head/ECE Dr. N. Saranya , Associate Professor, ECE Dr.T. Deepa, Assistant Professor/ECE S. Jayanthi, Assistant Professor/ECE Dr. R Vijayarani, Assistant Professor/ECE Jeeva.V, UG Student Jagatheeshwara Moorthy.C, UG Student Hema Prasaad.M, UG Student	Smart Coin-Based Mobile Charging System Using Image Processing.	-	India	Filed
10	Sri Manakula Vinayagar Engineering College	Dr. P. Raja, Professor & Head, ECE Dr. N. Saranya, Associate Professor, ECE Dr.L. M. Varalakshmi, Professor,ECE. R. Gayathir, Assistant Professor/ECE Dr. A. Jayachitra, Professor/ECE Harish K, UG Student Elangumaran S, , UG Student Dhanaveeran V, UG Student	Smart Ambulance Detection And Traffic Control System	-	India	Filed
11	Sri Manakula Vinayagar Engineering College	Dr. P. Raja, Professor & Head/ECE Dr. N. Saranya , Associate Professor, ECE Dr.T. Deepa, Assistant Professor/ECE S.Mohanram, Assistant Professor/ECE Dr.R.Kalaiyarasan, Associate Professor/ECE Jagannath.R, UG Student Jeevaneshvar.S, UG Student Kaarthikeyan. R, UG Student	Smart Shopping Cart System With Barcode Scanner And Item Removal Functionality	-	India	Filed
12	Sri Manakula Vinayagar Engineering College	Dr. P. Raja, Professor & Head/ECE Dr. N. Saranya , Associate Professor, ECE Suseendhar.P Assistant Professor/ECE Dhanapathi.J Assistant	Detection And Prevention Of Foot Boarding In Public Transportations.	-	India	Filed

		Professor/ECE Dr .C .A. Sathiyamoorthy, Professor/ECE R. Harsshita, UG Student A.Hemapriya, UG Student S.Jayasre, UG Student				
13	Sri Manakula Vinayagar Engineering College	Mr.S.Mohanram, Assistant Professor/ECE Dr. S. B. Lenin, Associate Professor, ECE Dr. Vankayala Chethan Prakash, Assistant Professor/ECE Guruju Satya Srisai Prasanth, UG Student Harish Kumar T, UG Student Jawaahar G, UG Student	IoT and LORA Based Mountain Climber Assistance	-	India	Filed
14	Sri Manakula Vinayagar Engineering College	Mr.S.Ganesan, Assistant Professor, ECE Dr. P. Raja, Assistant Professor/ECE Hariharan S, UG Student Harish Jayaraaj S, UG Student Logesh S, UG Student	Automated Rower Belt System For Seamless Patient Transfer	-	India	Filed
15	Sri Manakula Vinayagar Engineering College	Dr. P. Raja , Professor/ECE Dr. N. Saranya, Associate Professor/ECE Dr. T. Deepa, Assistant Professor, ECE S. Jayanthi, Assistant Professor, ECE Yuvaraj. S, Assistant Professor, ECE R. Arthy, Assistant Professor, ECE S. Anbarasi Assistant Professor, ECE M.S. Vandhana, Assistant Professor, ECE	Visible Light Communication Enabled Smart Home	-	India	Filed
16	Sri Manakula Vinayagar Engineering College	Dr. P. Raja , Professor/ECE Dr. N. Saranya, Associate Professor/ECE Dr. T. Deepa, Assistant Professor, ECE Navaneethakrishnan. V. M Assistant Professor, ECE Archana K Assistant Professor, ECE K. Rohith, UG Student V. Kiren, UG Student K. Pavithran, UG Student	Vaccum System To Reduce Dust Pollution From Heavy Duty Vehicles	-	India	Filed
17	Sri Manakula Vinayagar Engineering College	Dr. P. Raja (Faculty) Dr. N. Saranya (Faculty) S. Mohanram (Faculty) Dr. R. Kalaiyarasan	Reconfigurable Bandnotch Filter For Cognitive Radio In Defense	-	India	Filed

		(Faculty)	Electroveil			
18	Sri Manakula Vinayagar Engineering College	Dr. P. Raja (Faculty) Dr. N. Saranya (Faculty) S. Mohanram (Faculty)	Meta-Material Loaded MIMO Antenna For UWB X,and Ku band Application	-	India	Filed
19	Sri Manakula Vinayagar Engineering College	Dr. P. Raja (Faculty), Dr. S. Dhivya. (Faculty), Mr.P.Suseendhar (Faculty), R. Padmasri. (Student), M. Jenifer Sandier (Student), K. Jayasri. (Student)	Real-Time Detection and Alert System for Trains	-	India	Filed
20	Sri Manakula Vinayagar Engineering College	Dr. N. Saranya (Faculty), Dr. P. Raja (Faculty), Dr. T. Deepa (Faculty), Dr. Vankayala Chethan Prakash (Faculty), S. Balaji (Student), R. Devaprakash (Student), J. Balamurugan (Student) B. Dharshan (Student)	IoT-Powered System for Continuous Monitoring of Livestock Health and Location	-	India	Filed
21	Sri Manakula Vinayagar Engineering College	Dr. R. Vijayarani (Faculty), A. Preetha (Faculty), S. Mohanram (Faculty), Dr. C. A. Sathiyamoorthy (Faculty), K. Madhavan (Student), S. Sivakavi (Student), P.Sanjay Ramachandran (Student)	Detection of Clogs in Sewage Pipes using IoT	-	India	Filed
22	Sri Manakula Vinayagar Engineering College	Dr. P. Raja (Faculty), Dr. T. Deepa (Faculty), Dr, N. Saranya (Faculty), Devanesh S (Student) Murugan S(Student) Pratheep P (Student)	Controlling Physical Systems In Real-Time By Virtual Replication	-	India	Filed
23	Sri Manakula Vinayagar Engineering College	Dr. T. Deepa (Faculty) Dr. P. Raja (Faculty), Dr, N. Saranya (Faculty), Dr. R. Kurinjimalar (Faculty) T. Kugan (Student) Niranjan PG (Student) Mohammad Siddiq (Student)	Portable Bio-Responsive Sleep Inducing Device	-	India	Filed
24	Sri Manakula Vinayagar Engineering College	Dr. P. Raja, (Faculty) Dr. T. Deepa , (Faculty) Dr. N. Saranya, (Faculty) Dr. S. B. Lenin, (Faculty) Gogulan V, (Student) Santosh S, (Student) Dharuneshwaran. K (Student)	Network-Independent GPS Tracking And Geofencing System Using Lora Technology	-	India	Filed
25	Sri Manakula	Dr. P. Raja, (Faculty)	Advance	-	India	Filed

	Vinayagar Engineering College	Dr. T. Deepa, (Faculty) Dr. N. Saranya, (Faculty) S. Jayanthi, (Faculty) K. Sarangi, R. (Student) Yuvashri, (Student) K. Vishalini (Student)	Ultrasonic Sensor-Based Non Contact Proximity Detection And Automatic Switching System For Energy Efficient And Hands-Free Device Control			
26	Sri Manakula Vinayagar Engineering College	Dr. P. Raja, (Faculty) Dr. T. Deepa, (Faculty) Dr. N. Saranya, (Faculty) R. Gayathri, (Faculty) P. Suseendhar , (Faculty) S. Shivahari, (Faculty) G. Saravanan, (Faculty) K. Shalideen, (Faculty)	Posture Monitoring And Alert System	-	India	Filed

Design Patent

S.No	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No
1	-	-	Design of a Low-Cost Wild Boar Detection and Crop Protection Unit	Dr. P. Raja Dr. N. Saranya Dr.T. Deepa **Dr.S.Dhivya** **P.Suseendhar**	Filed
2	-	-	Design of a Gas Leak and Backflow Detection Device	Dr. R. Kalaiyarasan Dr. P. Raja Dr. N. Saranya Dr.R.Kurunjimalar Dr.S.B.Lenin	Filed
3	-	-	Design of a Smart Ambulance Detection and Traffic Control Device	Dr. P. Raja S.Mohanram Dr. L. M. Varalakshmi Dr. A. Jayachitra R. Gayathri	Filed

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No.	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration (in weeks)	From date	To date
1	Adapa Goutham	AICTE-Eduskills Internship	10	10/07/2025	30/09/2025
2	Elangumaran S	Sense semiconductor and IT solutions Pvt.Ltd	8	25.05.2025	10.07.2025
3	Gorrela Pavani Mani Swathi	Code tech IT solutions Pvt Ltd	4	15/07/2025	15/08/2025
4	Jayasuriya B	AICTE-Eduskills	10	20/07/25	11/09/25

		Internship			
5	Kesavaraam S	AICTE-Eduskills Internship	10	15/07/2025	1/09/2025
6	Sundaram Srinivas	VEI Technologies PVT LTD	4	03/09/2025	04/10/2025
7	Aadithya G	AICTE-Eduskills Internship	10	July 2025	September 2025
8	Aaisha Shahani	AICTE-Eduskills Internship	10	July 2025	September 2025
9	Abinesh @ Kirthivasen	AICTE-Eduskills Internship	12	July 2025	September 2025
10	Adhitya K	Internpe	5	08/09/2025	05/10/2025
11	Aditya V	AICTE-Eduskills Internship	10	July 2025	September 2025
12	Afziya N	AICTE-Eduskills Internship	10	July 2025	September 2025
13	Agalya J	Learn flu	16	21/06/2025	15/09/2025
14	Agila S	Cherri Technology	2	04.07.2025	19.07.2025
15	Agilan C	Sense Semiconductor and IT Solutions Pvt Limited	4	1/7/2025	1/8/2025
16	Ahamed Saiffullah A	Skill Disk	2	15/09/2025	28/09/2025
17	Ahash S	Edi Globe	9	01.06.2025	30.07.2025
18	Aishwarya V	Cherri Cloud Solution	2	04/7/2025	19/07/2025
19	Ajaikrishnaraj M	Google – Eduskills (AICTE Virtual Internship Program)	10	31/7/2025	27/09/2025
20	Ajay Kumar.D	Aviz Aviation Technologies Private Limited	5	10/08/2025	18/09/2025
21	Ajay V	Cognifyz Technologies	4	16/7/2025	16/8/2025
22	Akash V	Google	10	July 2025	September 2025
23	Amudhavalli S	Eduskills Foundation (in collaboration with AWS Academy & AICTE)	10	July 2025	September 2025
24	Anandha Balu G	Prodigy infotech	5	01/08/2025	31/08/2025
25	Anantanarayanan R	Eduskills Foundation (in collaboration with AWS Academy & AICTE)	10	July 2025	September 2025
26	Anton Dharshini S	Sense semiconductor & IT Solutions Pvt.Ltd	6	25/05/2025	10/07/2025
27	Anumitha G	AICTE-Eduskills Internship	10	July 2025	September 2025
28	Anuth Yara Faris R	AICTE-Eduskills Internship	10	30/07/2025	15/09/2025
29	Aravind T	AICTE-Eduskills Internship	10	July 2025	September 2025
30	Aravindhan B	AICTE-Eduskills Internship	10	July 2025	September 2025
31	Arunkumar	AICTE-Eduskills Internship	8	April 2025	June 2025
32	Aswin Raj S	AICTE-Eduskills Internship	10	July 2025	September 2025
33	A.Bala Aaditya	AICTE-Eduskills Internship	10	July 2025	September 2025

34	Balaji S	AICTE-Eduskills Internship	8	July 2025	September 2025
35	Balamurugan J	AICTE-Eduskills Internship	12	July 2025	September 2025
36	Buvana S T	AICTE-Eduskills Internship	10	July 2025	September 2025
37	Darren Wilber P	Eduskills Foundation (in collaboration with EDUSKILLS & AICTE)	10	July 2025	September 2025
38	Deepakraj S	Eduskills Foundation with AWS Academy	8	July 2025	September 2025
39	Devabharathi M S	D4X	8	16/7/2025	15/8/2025
40	Devanesh S	AICTE-Eduskills Internship	10	10/07/2025	10/09/2025
41	Devaprakash	AICTE-Eduskills Internship	10	July 2025	September 2025
42	Dhanaveeran V	Exor Robotics Pvt.Ltd	12	14/03/2025	14/06/2025
43	Dharshini T	AICTE-Eduskills Internship	6	16/6/2025	24/7/2025
44	Dharuneshwaran. K	AICTE-Eduskills Internship	8	April 2025	June 2025
45	Dhayanandham A	AICTE-Eduskills Internship	10	July 2025	September 2025
46	Dhivya Lakshmi V	EI-SYSTEM TECHNOLOGIES	4	10/07/2025	07/09/2025
47	Divya K	AICTE-Eduskills Internship	10	20.06.2025	20.08.2024
48	Duraisamy.V	AICTE-Eduskills Internship	10	July 2025	September 2025
49	Ezhilarasi K	AICTE-Eduskills Internship	10	July 2025	September 2025
50	Farith Mohamed B	Code tech IT solutions Pvt Ltd	4	17/09/2025	17/10/2025
51	Fouziya Begum	Marcello Tech	4	15/09/2025	14/10/2025
52	Gayathri B	EI Systems Technologies	4	10/07/2025	07/09/2025
53	Gogulan V	AICTE-Eduskills Internship	3	April 2025	June 2025
54	Gokulnathan S	Infosys Springboard	12	06/08/2025	10/10/2025
55	Gopenath P	D4X	8	16.07.2025	15.08.2025
56	Gopinathan J	AICTE-Eduskills Internship	10	July 2025	September 2025
57	Gowtham G	AICTE-Eduskills Internship	10	July 2025	September 2025
58	P.Gowthaman	Internpe	4	04/08/2025	31/08/2025
59	Gunal P	Microchip	10	March 2025	June 2025
60	M.Gunaseelan	SNESTRON SYSTEMS PRIVATE LIMITED	4	25/07/2025	25/08/2025
61	Gurunarayana S	Cognifyz Technologies	4	29/05/2025	29/06/2025
62	Guruprasath R	AICTE-Eduskills Internship -Google	12	July 2025	September 2025
63	Haresh R	AICTE-Eduskills Internship	10	17/07/2025	16/09/2025
64	Hari Haran S	Marcello Tech	4	15.09.2025	14.10.2025
65	Harini R	Ocean academy	5	10/03/2025	14/04/2025
66	Harini V	AICTE-Eduskills	10	July 2025	September 2025

		Internship			
67	Harini.V	Roha Glass Industries Pvt. Ltd.	2	01/08/2025	15/08/2025
68	Harinivasini P	AICTE-Eduskills Internship	10	April 2025	June 2025
69	Harisanthoshini R	Learn flu	10	14/06/2025	31/08/2025
70	T.Harish Dhinakar	Cognifyz Technologies	4	July 2025	August 2025
71	Harish	Code tech IT solutions Pvt Ltd	4	5/7/2025	5/8/2025
72	Harish M	Marcello Tech	4	08/07/2025	07/08/2025
73	Harish M	EXOR Robotics Pvt Ltd	12	14/03/2025	14/06/2025
74	Harrish.T	Snestron Systems Private Limited	4	25/07/2025	25/08/2025
75	Harsshita.R	ALTURISTY	8	20/01/2025	20/03/2025
76	Hema Prasaad . M	EXOR Robotics Pvt Ltd	12	14/03/2025	14/06/2025
77	Hemanth K	Sense Semiconductor & IT Solutions Pvt. Ltd.	6	26/05/2025	10/07/2025
78	Hemapriya A	Learnflu	10	14/06/2025	31/08/2025
79	Ilakiya J G	Sense Semiconductors and IT Solutions Pvt Ltd	6	25/05/2025	10/07/2025
80	Ilakkiyan E K	Amazon	10	July 2025	September 2025
81	Jagan S	VEI Technologies PVT LTD	2	02/09/2025	17/09/2025
82	Jagannath . R	Snestron Systems Private Limited	4	27/07/2025	27/08/2025
83	Jagatheeswara Moorthy C	EXOR Robotics	12	14/03/2025	14/06/2025
84	Janani P	AICTE-Eduskills Internship	10	07/07/2025	27/09/2025
85	Jayanthan.M	Congnifyz	3	03/07/2025	09/08/2025
86	Jayaseelan.M	Amcor Flexibles India Private Limited	4	23/07/2025	19/07/2025
87	Jayasre S	Sense Semiconductor & IT Solutions PVT. LTD.	6	25/5/2025	10/072025
88	Jayasri.K	India edu program google for developers	10	July 2025	September 2025
89	Jean Julien P	Marcello Tech	4	02/07/2025	01/08/2025
90	Jeeva V	Exor robotics	12	14/03/2025	14/06/2025
91	S.Jeevaneshvar	AICTE-Eduskills Internship-Google	10	July 2025	September 2025
92	Jenifer Sandier M	Cherri Cloud Solutions Private Limited	2	04/07/2025	19/07/2025
93	Joe Maxwell Boniface D	Sense Semiconductor & IT Solutions Pvt. Ltd	8	25/05/2025	10/07/2025
94	Kaarthikeyan R	Snestron private limited	4	30/07/2025	30/09/25
95	Kamini S	Ocean Academy	2	03/07/2024	13/07/2024
96	Karan D	AICTE-Eduskills Internship	10	14/7/2025	15/7/2025
97	Karthik B	Exor Robotics	4	16/6/2025	14/6/2025
98	Karthikeyan.G	Pantech e learning	2	27/06/2025	11/07/2025
99	Kashish U	Cognifyz	4	23/05/2025	23/06/2025

		Technologies			
100	Kavin. M	Semi Design	6	03/06/2025	15/07/2025
101	Kavya K	ROHA Glass Industry	2	01/08/2025	15/08/2025
102	Keerthinivasan D	AICTE-Eduskills Internship	10	July 2025	September 2025
103	Keerthivasan .G.S	AICTE-Eduskills Internship	10	July 2025	September 2025
104	Keerthivasan K	Exor Robotics	12	14/3/2025	14/6/2025
105	V Kiren	Cognifyz Technologies	4	29/05/2025	30/06/2025
106	Kiruba Karan A	Semi Design	6	03/06/2025	15/07/2025
107	Kiruthika S	AICTE-Eduskills Internship	10	01/07/2025	30/09/25
108	Kousalya P	Suven Consultants & Technology Pvt. Ltd	4	12/08/2025	14/09/2025
109	Kowsalya V	Microchip	10	10/07/2025	22/09/2025
110	Krishnamurthy M	Amcor Flexibles India Pvt. Ltd.	3	23/06/25	19/07/25
111	L.M.Kritha	Electrical engineering department, IIT Madras	6	5/6/2025	12/07/2025
112	Krithika S	Singtel	4	16/06/2025	14/07/2025
113	Kugan T	AICTE-Eduskills Internship	10	26/04/2025	01/06/2025
114	Leethica S	Sense Semiconductor & IT Solutions Pvt. Ltd.	6	25/05/2025	10/07/2025
115	Logeshvar C	Cognifyz Technologies	4	27/05/2025	12/07/2025
116	Madhavan K	InternPe	2	15/09/2025	28/09/2025
117	B Magaraja Ganapathy	EduSkills (Supported by AICTE NEAT Cell, National Internship Portal)	10	July 2025	September 2025
118	Manisha K	Edunet Foundation	6	18-06-2025	30-07-2025
119	Manojkumar K	Sense Semiconductor & IT Solutions Pvt. Ltd	6	25-05-2025	10-07-2025
120	Manoj Kumar T	Cognify Technologies	4	June 2025	July 2025
121	Marreddi Lakshman Sai Kumar	EduSkills (Supported by Microchip Technology Inc.)	10	10/04/2025	10/06/2025
122	Meena A	AICTE-Eduskills Internship	10	14/07/2025	10/09/2025
123	Mohamed Sajid M	AICTE-Eduskills Internship	10	July 2025	September 2025
124	Mohamed Siddiq R	AICTE-Eduskills Internship	10	July 2025	September 2025
125	Monica Muthu P	Microchip	10	08/04/2025	17/06/2025
126	Monica.S	Prodigy infotech	4	01/06/2025	30/06/2025
127	Monish N	AICTE-Eduskills Internship	10	14/07/2025	19/09/2025
128	Mugesh M	AICTE-Eduskills Internship	10	July 2025	September 2025
129	Muthuselvan K	AICTE-Eduskills Internship	10	July 2025	September 2025
130	Nandhika Vardhini	Nullclass Edtech Private Limited	8	02/07/2025	10/09/2025
131	G Narayanan	VEI Technologies	6	06/09/2025	07/10/2025

		PVT LTD			
132	Naufal Ahamed M	AICTE-Eduskills Internship	10	16/07/2025	01/10/2025
133	Naveen Velayudham K	Cognifyz	5	June 2025	July 2025
134	C Naveenkamal	VEI Technologies PVT LTD	4	08/09/2025	07/10/2025
135	Navin S	AICTE-Eduskills Internship	10	July 2025	September 2025
136	Niranjan P G	AICTE-Eduskills Internship	8	29/05/25	28/07/25
137	Nithin M	AICTE-Eduskills Internship	10	July 2025	September 2025
138	Nithyalakshmi S	Micro IT Services	4	01/06/2025	13/07/2025
139	Padmasri R	AICTE-Eduskills Internship	8	July 2025	September 2025
140	Pavithra K	Eduskills Foundation (in collaboration with AWS Academy & AICTE)	10	July 2025	September 2025
141	Pavithran K	Cognifyz Technologies	4	23/05/2025	23/06/2025
142	Poojasri .P	Suven Consultants & Technology Pvt.Ltd	2	29/8/2025	12/9/2025
143	Pratheep P	AICTE-Eduskills Internship	10	04/07/2025	07/09/2025
144	Pratibha.P	Micro Information Technology Services	4	14/05/2025	14/06/2025
145	Praveen D	Microchip	10	July 2025	September 2025
146	Praveen Kumar B	VEI Technologies PVT LTD	4	05/09/2025	06/10/2025
147	Praveen Kumar M	Nullclass Edtech Private Limited	4	05/07/2025	20/07/2025
148	P R Praveen	Nullclass Edtech Private Limited	4	05/07/2025	20/07/2025
149	Pravin R	VEI Technologies PVT LTD	4	08/09/2025	07/10/2025
150	Priyadarshini S T	Suven Consultants and technology Pvt ltd	4	07/09/2025	28/09/2025
151	O Priyadharshini	Eduskills Foundation (in collaboration with AWS Academy & AICTE)	10	April 2025	June 2025
154	Raghul R	VEI Technologies PVT LTD	4	03/09/2025	04/10/2025
155	Ragunathan M	VEI Technologies PVT LTD	4	15/07/2025	14/08/2025
156	Raguram N	Sense Semiconductor & IT Solutions Pvt. Ltd	6	26/05/2025	10/07/2025
157	Rahul K	ED10T Editions	8	01/07/2025	28/08/2025
158	Rajasri P	Learnflu	10	14/06/2025	31/08/2025
159	Ramkumar A	VEI Technologies Pvt.Ltd	4	10/09/2025	11/10/2025
160	Ramyasri T	Mercury Suzuki Motors	2	16/06/2025	30/06/2025
161	Rathimeena B	Eduskills Foundation (in collaboration with	10	July 2025	September 2025

		AWS Academy & AICTE)			
162	Ravi Varma M	VEI Technologies PVT LTD	4	02/09/2025	01/10/2025
163	Riduvarshini D	Internshala	8	July 2025	September 2025
164	Rithess MA	AICTE-Eduskills Internship	4	20/07/2025	20/08/2025
165	Rohith K	Cognifyz Technologies	4	27/05/2025	30/06/2025
166	Rohith Kishore P C	AICTE-Eduskills Internship	10	July 2025	September 2025
167	Rubika Sakthi	Codealpha	4	20/07/2025	20/08/2025
168	Rudhran .K	VEI Technologies PVT LTD	4	07/09/2025	08/10/2025.
169	Sabtha Sree G.P	Internshala	6	20/7/2025	31/8/2025
170	Sachindelwa R	VEI Technologies Pvt. Ltd.	4	01/09/2025	02/10/2025
171	Sahithya T S	Aws Academy(AICTE Virtual Internship Program)	10	July 2025	September 2025
172	Sakthi Priya K	Marcello Tech	4	16/09/2025	15/10/2025
173	Sandhyaa K	Sense semiconductor and IT solutions Pvt.Ltd	6	10/07/2025	10/07/2025
174	Sangeetha Maamathi K	AICTE-Eduskills Internship -Microchip	10	1/7/2025	30/9/2025
175	Sanjay P	AICTE-Eduskills Internship	10	24/07/2025	26/09/2025
176	Sanjayramachandran P	AICTE-Eduskills Internship -AWS	10	July 2025	September 2025
177	Santhosh S	Google – EduSkills (AICTE Virtual Internship Program)	10	22/07/2025	15/09/2025
178	Sarangi K	Microchip – EduSkills (AICTE Virtual Internship Program)	10	19/06/2025	15/09/2025
179	Sarathi Kannan A	VEI Technologies Pvt. Ltd.	4	9/9/2025	12/10/2025
180	Saravanan G	Amazon Web Services	12	April 2025	June 2025
181	Saravanan S	AICTE-Eduskills Internship -Google	10	April 2025	June 2025
182	Saravanan T	AICTE-Eduskills Internship -Google For Developer	10	July 2025	September 2025
183	Sathish Kumar P S	AICTE-Eduskills Internship	10	08/07/2025	15/09/2025
184	Sathish Narayan S	AICTE-Eduskills Internship	10	July 2025	September 2025
185	Shahana B	AICTE-Eduskills Internship	10	7/7/2025	15/9/2025
186	Shivahari S	Sense Semiconductor and IT Solutions Pvt Ltd	7	25/05/2025	10/07/2025
187	Shivsharan N	Sense semiconductor and IT solutions Pvt.Ltd	7	25/05/2025	10/07/2025
188	Sivakavi S	AICTE-Eduskills Internship	10	10/07/2025	14/09/2025

189	G. Siva Prakash	AICTE-Eduskills Internship	8	21/07/2025	21/09/2025
190	Snega S	EduSkills Foundation (in collaboration with AWS Academy & AICTE)	10	July 2025	September 2025
191	Sreeram D	AICTE-Eduskills Internship	8	30/07/2025	17/09/2025
192	Sri Lakshmi V	RETECH SOLUTIONS PVT.LTD	2	09/06/2025	23/06/2025
193	Sri Nithin Prasanna S S	AICTE-Eduskills Internship	10	July 2025	September 2025
194	Subhiksha K	MERCURY SUZUKI MOTORS	2	16/06/2025	30/06/2025
195	Suganthan R	AICTE-Eduskills Internship	10	16/06/2025	15/06/2025
196	Suganthe M	Eduskills Foundation (in collaboration with AWS Academy and AICTE)	10	July 2025	September 2025
197	Sujitha R	ApexPlanet Software Pvt Ltd	7	01/07/2025	15/08/2025
198	Surendhar K	AICTE-Eduskills Internship	10	July 2025	September 2025
199	Surendhira P	AICTE-Eduskills Internship	8	July 2025	September 2025
200	Surendiran S	Sense semiconductor and IT solutions Pvt.Ltd	6	25/05/2025	10/07/2025
201	Surya Prakash B	AICTE-Eduskills Internship	10	July2025	September2025
202	Swathi S	AICTE-Eduskills Internship -Google	10	15/07/2025	10/09/2025
203	Thanigaivel V	Microchip Technology(India) Pvt. Ltd	10	15/08/2025	15/09/2025
204	Thejeshwaane J S	AICTE-Eduskills Internship -Microchip	10	24/07/2025	10/09/2025
205	Thenmozhi B	AICTE-Eduskills Internship	10	July 2025	September 2025
206	Thinesh V	Cognifyz Technologies	4	June 2025	July 2025
207	Vedhawathi S	Sense semiconductor & IT solutions PVT. LTD	6	25/05/2025	10/07/2025
208	Velkrishnaraja R	VEI technologies Pvt ltd	4	12/08/2025	11/09/2025
209	Venkatesh E	Cognifyz	4	24/06/2025	26/07/2025
210	Vetrivel M	AICTE-Eduskills Internship	10	July 2025	September 2025
211	Vijayaganapathi R	AICTE-Eduskills Internship	8	July 2025	September 2025
212	Vilendiran S	AICTE-Eduskills Internship	06	15.06.2025	26.07.2025
213	Vinodh R	Exor Robotics	4	14/03/2025	14/06/2025
214	Vinothini S	ALTRUISTY	4	20/01/2025	20/02/2025
215	Vishaal	AICTE-Eduskills Internship	10	July 2025	September 2025

216	Vishal R	AICTE-Eduskills Internship	10	July 2025	September 2025
217	Vishali. K	Internpe	4	23/06/2025	20/07/2025
218	Vishalini K	Sense semiconductor and IT solutions Pvt.Ltd	6	25/05/2025	10/07/2025
219	Vishalini N	Sense semiconductor & IT solutions. Pvt. Ltd	6	26/05/2025	10/07/2025
220	Vishnu K	Cognifyz Technology	4	June 2025	July 2025
221	Vishnupriya M	Sense academy	6	26/05/2025	10/07/2025
222	Vishnupriyai R	EduSkills Foundation (in collaboration with EDUSKILLS & AICTE)	10	21/07/2025	23/09/2025
223	Vishvaji T	AICTE-Eduskills Internship -Google	10	July 2025	September 2025
224	Visvaesh.R	AICTE-Eduskills Internship	10	31/07/2025	11/09/2052
225	Visvanesan S	VEI Technologies Pvt Ltd	4	06/09/2025	07/10/2025
226	Yagatheepan S	AICTE-Eduskills Internship	10	July 2025	September 2025
227	Yuvanesh Balaji	Vein Automated Systems Pvt. Ltd.	4	07/07/2025	31/07/2025
228	Yuvanraj M B	AICTE-Eduskills Internship	10	July 2025	September 2025
229	Yuvaraj K	Emertxe - Institute for Embedded Systems and IoT Courses with Placementse	4	08/05/2025	18/06/2025
230	Yuvashakkthi K	AICTE-Eduskills Internship	6	July 2025	September 2025
231	Yuvashree G	YBI foundation	2	13/10/25	28/10/25
232	Yuvashri R	Google – EduSkills (AICTE Virtual Internship Program)	10	12.07.25	02.09.25
233	Aishwarya G	Internpe	5	09/06/2025	06/07/2025
234	Goppika L	Codebind Technologies	5 days	03/06/2025	07/06/2025
235	Keerthana T	Exor Robotics Private Limited	1	09/06/2025	13/06/2025
236	Lakshmi Priya K	LedGeo Lights Pvt.Ltd	1	09/06/2025	14/06/2025
237	Manjineeshwar S	Vi MIcrosystems Pvt.Ltd.,	1	02/06/2025	07/06/2025
238	Menaga. S	Acer private limited, sedarapet, puducherry	1	06/06/2025	13/06/2025
239	Preethi K	LedGeo Lights Pvt.Ltd	1	09/06/2025	14/06/2025
240	Ramya S	LUCAS TVS	4 days	10.06.2025	14.06.2025
241	Reshma M	Internpe	4	16/06/2025	13/07/2025
242	Sandhya I	Eaton Power Quality Private Limited	1	09/06/2025	13/06/2025
243	Sanjay Kumar.S	AICTE-Eduskills Internship	10	July 2025	September 2025
244	Sanjay P	Vi Micro Systems Private Limited	6 days	02/06/2025	07/06/2025

245	Snega A	Internpe	4	02/06/2025	29/06/2025
246	Swathi D	LedGeo Lights Pvt.Ltd	2	03-12-2025	16-12-2025
247	Yuvaasree V	EXOR ROBOTICS	1	09/06/2025	13/06/2025
248	Yuvadharshini. T	AICTE-Eduskills-Microchip	10	July 2025	September 2025
249	Karthika G	Vi microsystems, Chennai	1	02/06/2025	07/06/2025
250	Abhishek.V	GT Electronics India Private Limited	12 days	05/12/2025	16/12/25
251	Kishore B	GT Electronics India Private Limited	12 days	05/12/2025	16/12/25
252	Kubendhiran.V.B	GT Electronic (India) Private Limited	12 days	05/12/2025	16/12/25
253	Rahul S	GT Electronics India Private Limited	12 days	05/12/2025	16/12/2025
254	S Sindhuja Lakshmi	Bigcat Electronics Private Limited	11 days	3/12/2025	13/12/2025
255	Yuvashri Ramesh Babu	Twilight IT solutions Pvt Ltd (App Xperts)	10 days	05/12/2025	15/12/2025

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution		Duration of the Project (Months)
1	22UEC111 22UEC234 22UEC067	Logeshvar C Yuvaraj K Harish M	FPGA-Based Autonomous Disinfection Bot For Scalable Public Health Solutions	Sense Semiconductor & IT Solutions Pvt Ltd Mangalagiri Andhra Pradesh	1 Year
2	22UEC155 22UEC164 22UEC069	Raguram N Rohith K Harish M	Real-Time Sign Language Translation Using FPGA-Enabled Wearable Sensor Networks	Sense Semiconductor & IT Solutions Pvt Ltd Mangalagiri Andhra Pradesh	1 Year
3	22UEC227 22UEC181 22UEC132	Vishvaji T Saravanan T Naveenkamal C	Portable Microfluidic Blood Cell Counter Using Inertial Focusing and Multi-Frequency Impedance for Point-of-Care Diagnostics	Connect & Cure Puducherry Technological University Campus, Pillaichavady, Puducherry 605014.	1 Year
4	22UEC195 22UEC139 22UEC073	S.Srinivas K.Pavithran K.Hemanth	AI-Integrated Body Area Network(BAN) Device for Intelligent Patient Monitoring and Assistance	Widezo Private Limited Puducherry Technological University Campus, Pillaichavady, Puducherry	1 Year

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6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1.	TECH VOLT SOFTWARE PVT LIMITED	09.06.2023	I Year/ II Sem (D Sec)	60
2.	CODEBIND TECHNOLOGIES	10.06.2023	I Year/ II Sem (D Sec)	60

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	Sense Semiconductor and IT Solutions	12.08.2025	1. Career Awareness Session 2. Assistance in Placements & Internships 3. Workshops and Seminars 4. Research and Development Collaboration	03 Years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	166
Number of Students opted Higher Studies	6
Number of Entrepreneur	1

Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1.	Aadhiseshan Rk	Infinity Solutions	3 LPA
2.	Abinav S	TCS Ninja	3.45 LPA
3.	Albhin Rajesh S	TCS Ninja	3.45 LPA
4.	Amalorpava Jeni A	Hexaware	4 LPA
5.	Arokya Jesy A	TCS Ninja	3.45 LPA
6.	Ashwin P	TechM	3.25 LPA
7.	Barath Kumar R	Avalon	3 LPA
8.	Bharani Dharan M	TCS Ninja	3.45 LPA
9.	Chandru B	Integra	2.15LPA
10.	Chintalapudi Yuva Satya Veera Kishore	TCS Digital	7 LPA
11.	Devapriya R	TCS Ninja	3.45 LPA
12.	Dhivagar K	TCS Ninja	3.45 LPA
13.	Dhivakar G	TCS Ninja	3.45 LPA
14.	Gritharan M	Integra	1.70LPA
15.	Guruju Satya Srisai Prasanth	TCS Ninja	3.45 LPA
16.	Harini V	Delphi TVS	2.2 LPA

17.	Hema Varshini V	TCS Ninja	3.45 LPA
18.	Keerthiga V	TCS Ninja	3.45 LPA
19.	Krishnaprasath K	Avalon	3 LPA
20.	Krithik Rojar S	Hexaware	4 LPA
21.	Marshal Regan Raj V	TCS Ninja	3.45 LPA
22.	Millan Prince L	Integra	2.15LPA
23.	Mohamed Yachin C	Integra	1.70LPA
24.	Nishok Raj Rs	Integra	1.70LPA
25.	Nivetha P	Avalon	3 LPA
26.	Oviya P	TCS Ninja	3.45 LPA
27.	Paarthasarathy K	Integra	1.70LPA
28.	Prasanna J	TCS Ninja	3.45 LPA
29.	Preneshvar Sa	Integra	1.70LPA
30.	Raagasudha V	Hexaware	4 LPA
31.	Ramya Devi M	TCS Ninja	3.45 LPA
32.	Sanjay A	Delphi TVS	2.2 LPA
33.	Saranya P	Hexaware	4 LPA
34.	Shagir Parvin J	Hexaware	4 LPA
35.	Sooraj N	Hexaware	4 LPA
36.	Sooriya I	Integra	1.70LPA
37.	Soorya G S	CTS (Gen C)	4 LPA
38.	Srinidhi V	KAAR	6.5 LPA
39.	Subalakshmi A	Delphi TVS	2.2 LPA
40.	Subathra S	Delphi TVS	2.2 LPA
41.	Suvetha K	TCS Ninja	3.45 LPA
42.	Swethaa Vb	Delphi TVS	2.2 LPA
43.	Tharunraj S	TCS Ninja	3.45 LPA
44.	Thepikka M	TCS Ninja	3.45 LPA
45.	Thivakar A	Avalon	3 LPA
46.	Vignesh S	Integra	2.15LPA
47.	Vishal P	Hexaware	4 LPA
48.	Vishnu Priya V	Integra	1.70LPA
49.	Viveka C	Integra	1.70LPA
50.	Abdul Rahman A	Delphi TVS	2.2 LPA
51.	Akash K	Delphi TVS	2.2 LPA
52.	Alexandar Hariharan S	TCS Ninja	3.45 LPA
53.	Aravindha Krishnan K	INTEGRA	1.70LPA
54.	Ashwati Krishna	Integra	1.70LPA
55.	Bhavana S	Delphi TVS	2.2 LPA
56.	Bhavya P	TCS Ninja	3.45 LPA
57.	Chandru G	ZOHO	7 LPA
58.	Dharshan S	Delphi TVS	2.2 LPA
59.	Dharshini M R	Hexaware	4 LPA
60.	Dharshini R	Delphi TVS	2.2 LPA
61.	Dhivakar K	TCS Ninja	3.45 LPA
62.	Elakshme Devi C	Avalon	3 LPA
63.	Gayathri S	Delphi TVS	2.2 LPA
64.	Gokulnath R	Delphi TVS	2.2 LPA
65.	Govind M	INTEGRA	2.15LPA
66.	Gowtham S	TCS Ninja	3.45 LPA
67.	Hariprasad S	Integra	2.15LPA
68.	Janani R	Embed UR	8 LPA
69.	Jayahshri M	TCS Ninja	3.45 LPA
70.	Kavipriya P	TCS Ninja	3.45 LPA
71.	Kogul S	TCS Ninja	3.45 LPA

72.	Logesh R	Hexaware	4 LPA
73.	Madumithan E	TCS Ninja	3.45 LPA
74.	Maneesh Satya Surya Venkat Pampana	Delphi TVS	2.2 LPA
75.	Mohamed Masood N	TCS Ninja	3.45 LPA
76.	Mohamed Riyaif M	TCS Ninja	3.45 LPA
77.	Mohanapriyan I	Delphi TVS	2.2 LPA
78.	Mridhu Malya K I	Hexaware	4 LPA
79.	Pavithra B	Delphi TVS	2.2 LPA
80.	Pavithrakala N	Delphi TVS	2.2 LPA
81.	Prethicksha R	TechM	3.25 LPA
82.	Roghan R	Integra	1.70LPA
83.	Rubert Majala G	Integra	2.15LPA
84.	Sangeethasree P	Delphi TVS	2.2 LPA
85.	Selvaganapathi S	TCS- PEGA (Digital)	7.5 LPA
86.	Sneghaa M	Delphi TVS	2.2 LPA
87.	Sri Priyadarshini B	TCS Ninja	3.45 LPA
88.	Srinivasan B	Delphi TVS	2.2 LPA
89.	Suriya P	Delphi TVS	2.2 LPA
90.	Suvatha V	Delphi TVS	2.2 LPA
91.	Tharani C	Hexaware	4 LPA
92.	Vanaja M	TCS Ninja	3.45 LPA
93.	Vighneshwara B	Avalon	3 LPA
94.	Vishwa R	TCS Ninja	3.45 LPA
95.	Yamuna V	AMI	4 LPA
96.	Yuvasri S	TCS Ninja	3.45 LPA
97.	Aakash P R	Delphi TVS	2.2 LPA
98.	Akshaya S	TCS Ninja	3.45 LPA
99.	Arunachalam S U	Delphi TVS	2.2 LPA
100.	Ashik Ahamed H	Delphi TVS	2.2 LPA
101.	Aswini K	TCS Ninja	3.45 LPA
102.	Balakumaran R	Delphi TVS	2.2 LPA
103.	Bhuvaneshwaran M	Delphi TVS	2.2 LPA
104.	Devanathan R	TCS Ninja	3.45 LPA
105.	Dinakaran.J	TCS Ninja	3.45 LPA
106.	Elavenil R	Delphi TVS	2.2 LPA
107.	Gokulan S	Delphi TVS	2.2 LPA
108.	Gomathi S	Integra	2.15LPA
109.	Goukulan S	Delphi TVS	2.2 LPA
110.	Govardinan S	Delphi TVS	2.2 LPA
111.	Guru Prasath S	Delphi TVS	2.2 LPA
112.	Gurupriyan V	Delphi TVS	2.2 LPA
113.	Hariharan S	TCS Ninja	3.45 LPA
114.	Harini K	Avalon	3 LPA
115.	Harini R	TCS Ninja	3.45 LPA
116.	Harish Jayaraaj S	Delphi TVS	2.2 LPA
117.	Hemachandiran V	TCS Ninja	3.45 LPA
118.	Hussaina Parveen A	Integra	1.70LPA
119.	Imranali H	Integra	2.15LPA
120.	Indhuja R	TCS Ninja	3.45 LPA
121.	Janarthanan M	TCS Ninja	3.45 LPA
122.	Jayasureya B	TCS Ninja	3.45 LPA
123.	Jogi Lalitha Ramkumar	Delphi TVS	2.2 LPA
124.	Josephine Monica A	TCS Ninja	3.45 LPA
125.	Kamali K	TCS Prime	9 LPA

126.	Kavya S	TCS Ninja	3.45 LPA
127.	Keerthana B	Delphi TVS	2.2 LPA
128.	Keerthivasan B	TCS Ninja	3.45 LPA
129.	Koushik Kabilan A	Delphi TVS	2.2 LPA
130.	Kowsalya K	Integra	2.15LPA
131.	Kruthiga T	Integra	2.15LPA
132.	Kumaran C	CTS (Gen C)	4 LPA
133.	Lakshmynarayanan P	Delphi TVS	2.2 LPA
134.	Logesh.S	Delphi TVS	2.2 LPA
135.	Madhubala K	Integra	2.15LPA
136.	Mani Gandane S	Delphi TVS	2.2 LPA
137.	Mega S	Integra	2.15LPA
138.	Monika K	Delphi TVS	2.2 LPA
139.	Nirmal K	Delphi TVS	2.2 LPA
140.	Pachaiyappan S	Avalon	3 LPA
141.	Phavan Annamalai N	TCS Ninja	3.45 LPA
142.	Pranav R	Delphi TVS	2.2 LPA
143.	Rithiga K	TechM	3.25 LPA
144.	Rojasri A	TCS Ninja	3.45 LPA
145.	Sathya Narayanan M	Delphi TVS	2.2 LPA
146.	Sesetti Devi Kota	Integra	2.15LPA
147.	Shakthi Priya Ak	Hexaware	4 LPA
148.	Sharaan V	AMI	4 LPA
149.	Sivalokesh V	TechM	3.25 LPA
150.	Sowndarya A	Delphi TVS	2.2 LPA
151.	Sri Rajadurai S	TCS Prime	9 LPA
152.	Suganya B	Integra	2.15LPA
153.	Swetha M	Avalon	3 LPA
154.	Vijai Sriram G	Delphi TVS	2.2 LPA
155.	Vijayaganesh P	Delphi TVS	2.2 LPA
156.	Viswa M	Delphi TVS	2.2 LPA
157.	Harini V	Integra	2.15LPA
158.	Raagasudha V	TCS Digital	7 LPA
159.	Sanjay A	Integra	1.70LPA
160.	Saranya P	TCS Ninja	3.45 LPA
161.	Sooraj N	TCS Ninja	3.45 LPA
162.	Subalakshmi A	Integra	2.2 LPA
163.	Subathra S	Integra	2.15LPA
164.	Swethaa Vb	Integra	2.15LPA
165.	Tharunraj S	KAAR	6.5 LPA
166.	Bhavana S	Integra	2.15 LPA
167.	Dharshini R	Integra	2.15LPA
168.	Gayathri S	Integra	2.15LPA
169.	Gokulnath R	Integra	1.70LPA
170.	Logesh R	TCS Ninja	3.45 LPA
171.	Mohanapriyan I	Integra	2.15LPA
172.	Pavithrakala N	Integra	1.70LPA
173.	Sangeethasree P	Integra	2.15LPA
174.	Sneghaa M	Integra	2.15LPA
175.	Suvatha V	Integra	1.70LPA
176.	Yamuna V	TCS Digital	7 LPA
177.	Aakash P R	Integra	1.70LPA
178.	Bhuvaneshwaran M	INTEGRA	2.15LPA
179.	Elavenil R	Integra	1.70LPA
180.	Gokulan S	Integra	1.70LPA

181.	Goukulan S	Integra	2.15LPA
182.	Govardinan S	Integra	1.70LPA
183.	Harish Jayaraaj S	Integra	2.15LPA
184.	Keerthana B	Integra	2.15LPA
185.	Koushik Kabilan A	Integra	1.70LPA
186.	Kumaran C	TCS Ninja	3.45 LPA
187.	Lakshmynarayanan P	Integra	1.70LPA
188.	Logesh.S	Integra	1.70LPA
189.	Pachaiyappan S	TCS Ninja	3.45 LPA
190.	Sathya Narayanan M	Integra	1.70LPA
191.	Sharaan V	TCS Ninja	3.45 LPA
192.	Vijayaganesh P	Integra	1.70LPA
193.	Jawaahar G	Foxconn	2.64 LPA
194.	Nishok Raj Rs	Foxconn	2.64 LPA
195.	Sathiyaseelan S	Foxconn	2.64 LPA
196.	Abdul Rahman A	Foxconn	2.64 LPA
197.	Maximus Auguste	Foxconn	2.64 LPA
198.	Jawaahar G	Integra	1.70LPA
199.	Nishok Raj Rs	Integra	1.70LPA
200.	Sathiyaseelan S	Integra	1.70LPA
201.	Abdul Rahman A	Integra	1.70LPA
202.	Maximus Auguste	Integra	1.70LPA

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	Susmitha.J	Virginia Tech,United States	Master of Science in Electrical Engineering
2	Subathra.S	Amrita Vishwa Vidyapeetham, Coimbatore	M.Tech-Embedded System
3	Varsha.S	Sastra Deemed To be University,Thanjavur	M.Tech-VLSI Design
4	Monisha Clemenceau	EcoleSupérieured'Ingénieurs Léonard de Vinci,France	Master in Engineering in Cyber security and Cloud Computing
5	Monika.K	Pondicherry University	M.Tech Data Science and Artificial intelligence
6	Madhumitha S	Melbourne,Australia	Masters in Data Science

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	Vishnubhagavath S	English Aasan	English Language School	237/108, AVS Tower Third Floor, Thiru Vi Ka Street, Villupuram – 605602.

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1	Guest Lecture on "Robotics in Healthcare Applications"	ECE / ISTE	26.06.2025	Intra-college level	115

2	Hands - on Training in Introduction to DevOps and AWS	ECE / IEI	28.06.2025	Intra-college level	57
3	Interactive Guest Lecture with Hands-On Session On "PCB Design from Fundamentals to Real-Time Implementation"	ECE/IEI	17.07.25	Intra-college level	57
4	Hands - on Training on CODE, CONNECT AND PREDICT: TINY ML USING RASPERRY PI	ECE / IEEE	22.07.2025	Intra-college level	47
5	Startup Conclave	ECE/Entrepreneurship club	23.07.2025	Intra-college level	60
6	A Seminar on Exploring AI-Enhanced MATLAB For Curriculum-Based Computing Solutions	ECE/IEI	23.07.25	Intra-college level	110
7	Guest Lecture on AI Tools in Digital Communication	ECE / IEEE	26.07.2025	Intra-college level	120
8	Guest Lecture on VLSI for beginners: Academic to Industry Transition Path	ECE / IEI	26.7.2025	Intra-college level	80 (III yr ECE Students)
9	Expert Talk on Industry Connect: Bridging Emerging Challenges to Innovative Project Solutions	ECE / ISF	29.07.2025	Intra College	240
10	Industry Connect: Bridging Emerging Challenges to Innovative Project Solutions	ECE /IEEE/IETE	29.07.2025	Intra-college level	120

11	Guest Lecture on Advanced Antenna Simulation and Optimization Using CST Studio Suite	ECE / ISF	31.07.2025	Intra-College Level	61
12	Guest Lecture on Understanding your Personality and Managing Emotions Effectively	ECE / ISTE	06.08.2025	Intra-college level	116
13	Placement Perspectives: Guidance for Career Development and Placement Readiness	ECE / ELEKTOR CLUB	07.08.2025	Intra-college level	220
14	3 Days Hands - on Session "ROBOTRON"	ECE / IEEE / ISF / Robotics and Automation Club	7.08.2025 to 09.08.2025	Intra-College level	50
	ROBOTRON RACE				65
15	CodeWave x CircuitPlay	ECE / ELEKTOR CLUB	09.08.2025	Intra-college level	55
16	Precision in Layers: A Practical Approach to PCB Design	ECE / ELEKTOR CLUB	09.08.2025	Intra-college level	55
17	Expert Lecture on Innovation to Enterprise: Exploring Startups, Jobs and Higher Studies	ECE / ISF	13.08.2025	Intra-college level	300 (III yr and IV yr Students)
18	Certification Training Program on VLSI Design and Verification	ECE / IEEE	22.08.2025 to 29.08.2025	Intra-college level	72
19	Expert Lecture on Innovation in Automotive: Steering Research and Development Towards the Future	ECE / IEEE	23.08.2025	Intra-college level	57

20	Expert Lecture on Advances in Motion Sensing Technology	ECE / IEEE	04.09.2025	Intra-college level	222
21	Creative Practices	ECE / ISTE	20.09.2025	Intra-college level	59
22	Creative Practices	ECE / ISTE	20.09.2025	Intra-college level	60
23	Mastering Full Stack Development for the Modern Web	ECE / ELEKTOR CLUB	23.09.2025	Intra-college level	56
24	Startup business idea	ECE/ Entrepreneurship Club	24.09.2025	Intra-college level	58
25	The Startup Podcast	ECE/Entrepreneurship club	30.09.2025	Intra-college level	116
26	ElectroTech Trivia Quiz	ECE / ELEKTOR CLUB	11.10.2025	Intra-college level	50

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized by	Date of Event	Level (State / National / International)	No. of Participants
1	Conference	Sri Manakula Vinayagar Engineering in Association with IEEE	June 5 & 6, 2025	International Conference	201 Papers

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S. No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1	M. Mukesh	State level Marathon	RCC	5th place
2	Devanesh S Yuvanesh Balaji M, P R Praveen Rohith Kishore P C	Robo Soccer	Vellore Institute of Technology, Chennai	1st prize
3	Devanesh S Yuvanesh Balaji M, P R Praveen Rohith Kishore P C	Line Follower	Vellore Institute of Technology, Chennai	2nd prize
4	Madhumitha M Jessena Rose S Mukkesh S, Thayanithy	Innovest – Hackathon	Chennai Institute of Technology	1st prize
5	Rijul Nambiar P Sujith S Arul Balaji	Innotech 2025	SRM Institute of Science and Technology	2nd prize
6	Goutham Kannaa V	Licet Paper Presentation	Loyola College	2nd prize

	Gokul Ram Mohan Raj		of Engineering and Technology	
7	Meera Aravindha J	Ntorq 2025 – Robo Race	Loyola College of Engineering and Technology	2nd prize
8	Goutham Kannaa V	Cryptrix – Tech Takedown	St. Joseph College of Engineering	3rd prize
9	Nithyasree s Madhumita M Thayanithy S Gautham kanna	Robo Sumo	SRM institute of science and Technology, kattankalathur	2nd prize
10	Sujith.S Rijul Nambiar.P Suriya Arul Balaji	Hackathon	Sathyabama Institute of Science and Technology.	1st prize
11	Sriram Vigneshwaran	Robo Fest	SRMIST	3rd prize
12	Sriram Yuvanesh Balaji M	Aarruush (Robo Soccer)	SRMIST	2nd prize
13	Sivapriyan Thanigaivelan Jayapriyan Visvaa S Regis	Robo Thinkers	SRM Trichy	2nd prize
14	Lingesh.R Mohamed Tariq.A Sesha kumar.R	Intellecthon 2025- A National Level Ideathon	Aarupadai Veedu Institute of Technology, Chennai	Best Real-World Applicability
15	Rijul Nambiar Arul Balaji Sujith	Innovators Day	SMVEC	2nd prize
16	Vishvaa s Jayapriyan Varshan	Presentation Competition	SRM Valliammai Engineering College	1st prize
17	Rojitha Harini Kaviya	Robo War	SSN College, Chennai	1st prize
18	Sreeram.M Mahalakshmi.L Harishram.P	Robo Soccer	AMS Engineering college	1st prize
19	A. Rohankkrishna A K. Arshad Hasan AD Praveen S. Venkkataramana	Eureka 2025 (Institution's Innovation Council (Iic))	IIT Bombay	Participation

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	Dr. P. Raja	International Conference Chair (International conference on Emerging Technologies in Engineering Applications)
2	Dr. N. Saranya	International Conference Publication Head (International conference on Emerging Technologies in Engineering Applications)

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1	Dr. N. Saranya	IETE Journal of Research
2	Dr. N. Saranya	ICCSP 2025
3	Dr. N. Saranya	International conference on Emerging Technologies in Engineering Applications
4	Dr. N. Saranya	International Journal of Image and Graphics
5	Sundhar Mohan	International conference on Emerging Technologies in Engineering Applications
6	P. Suseendhar	Journal of Engineering Research and reports
7	A.Preetha	International conference on Emerging Technologies in Engineering Applications
8	R. Arthy	International conference on Emerging Technologies in Engineering Applications
9	K.Jambulingam	International conference on Emerging Technologies in Engineering Applications
9	Dr. S. Sathiya Poobalan	Clean Technologies and Environmental policy
10	Dr. S. Sathiya Poobalan	International conference on Emerging Technologies in Engineering Applications
11	S. Ganesan	International conference on Emerging Technologies in Engineering Applications

9.4 Awards / Prizes and Recognition received by teachers at University, State, National and International level

S.No	Name of the Faculty	Name of Awards / Recognition
1.	Dr. P. Raja	Best Faculty Award from SSN Group of Institution
2.	Dr. N. Saranya	Best Paper award International Conference on Radio Frequency Communication and Networks (RFCoN 2025), SASTRA Deemed University, Thanjavur
3.	Dr. T. Deepa	Best Paper award International Conference on Radio Frequency Communication and Networks (RFCoN 2025), SASTRA Deemed University, Thanjavur, SASTRA Deemed University, Thanjavur
4.	A.Preetha	Guest lecture , Pondicherry University
5.	K. Jambulingam	Mentor for Smart India Hackathon 2024

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	Dr.Vankayala Chethan Prakash	Embedded	Wipro Limited	17 Days
2.	R Arthy	Embedded	Wipro Limited	17 Days
3.	Dr.R.Kalaiyarasan	Cyber Security	Infosys Faculty Enablement Program(FEP)	05 Days
4.	Dr.R.Kalaiyarasan	Next Generation AI Architectures for Multimedia Data Analytics	Lakireddy Bali Reddy College of Engineering	06 Days
5.	A Preetha	Next Generation AI Architectures for Multimedia Data Analytics	Lakireddy Bali Reddy College of Engineering	06 Days
6.	P.Srividdhya	Next Generation AI Architectures for Multimedia Data Analytics	NPTEL AICTE	06 Days

7.	S.Mohanram	Emerging Trends and Challenges in Cyber Security	Guru Nanak Institute of Technology	06 Days
8.	Dr.Vankayala Chethan Prakash	Emerging Trends and Challenges in Cyber Security	Guru Nanak Institute of Technology	06 Days
9.	Sundar Mohan	Recent Advancements in Machine Learning : Emerging Tools Techniques and Applications	Prathyusha Engineering College	05 Days
10.	Sundar Mohan	Recent Trends and Future Perspective of AI in Image Processing tools techniques & Applications: Research Perspective.	Prathyusha Engineering College	05 Days
11.	K Jambulingam	AI Innovation 2025 : Emerging Trends and Challenges in the Real World	SIMATS Engineering	05 Days
12.	A.Punitha	Image Processing and computer vision	Pantech E-Learning	06 Days
13.	A.Punitha	Pedagogy in the digital Era	Velammal College of Engineering and Technology	05 Days
14.	Dr.V.Sugasini	Pedagogy in the digital Era	Velammal College of Engineering and Technology	05 Days
15.	Dr.V.Sugasini	Image Processing and computer vision	Pantech E-Learning	06 Days
16.	S.Yuvaraj	AI Enhanced Educational Technology	Vinayaka Mission Kirupananda Variyar Engineering College	01 Day
17.	S.Yuvaraj	AI Innovations 2025: Emerging Trends and Challenges in the Real World	SIMATS Engineering	05 Days
18.	S.Yuvaraj	Next Generation Semiconductor Devices and circuits	J P College of Engineering	01 Day
19.	S.Yuvaraj	Advances in Biomedical and Healthcare using Artificial Intelligence	ATAL FDP	06 Days
20.	S.Yuvaraj	High-Performance and Intelligent Computing for Next-Generation Communications and Smart Environments	ATAL FDP	06 Days
21.	R.Gayathri	Deep Learning for Computer Vision	ATAL FDP	06 Days
22.	R.Gayathri	Recent Advancements in Machine Learning : Emerging Tools, Techniques and Applications	Prathyusha Engineering College	05 Days
23.	A Preetha	Cloud Enabled Deep Learning with Enhanced Security Protocols	RGM College of Engineering and Technology	05 Days
24.	A. Preetha	Re-Configurable and Compact Antennas: Enabling Real-Time Solutions In Wearable and Healthcare Technologies	Rajalakshmi Engineering College	06 Days
25.	A. Preetha	Demystifying Networking	NPTEL FDP	03 Months
26.	S.Yuvaraj	Recent Advancements in Artificial Intelligence (AI) & ML	St. Joseph's College Of Engineering	05 Days
27.	S.Yuvaraj	Recent Trends and Future Perspective of AI in Image Processing – Tools, Techniques and Applications: Research Perspective.	S.A Engineering College	05 Days
28.	Anbarasi	The Future of movement :Smart Cities	ATAL FDP	06 Days
29.	Vandhana	Wearable Technology: A New Frontier in Healthcare Delivery and Management	CVR College of Engineering	06 Days
30.	Ganesan	AI-ML Driven Massive MIMO for Enhanced 6G Networks	ATAL FDP	06 Days
31.	R.Arthy	Deep Learning for Computer Vision	ATAL FDP	06 Days

32.	M.S.Vandhana	Next-Generation Technologies: An Integrated Approach to EV, AI, Embedded Systems, and Custom IC Design	Kamaraj College of Engineering and Technology	07 Days
33.	SB Lenin	Next-Generation Technologies: An Integrated Approach to EV, AI, Embedded Systems, and Custom IC Design	Kamaraj College of Engineering and Technology	07 Days
34.	Ganesan	Deep Learning for Computer Vision	ATAL FDP	06 Days
35.	Dr.V.Sugasini	Smart Sensing for a Greener Tomorrow: Effective Usage of Electronic Sensors for Environmental Sustainability	ATAL FDP	06 Days
36.	Dr.V.Sugasini	Next Generation Medical Automation: The Role of AI and IoMT in Transforming Healthcare Systems	ATAL FDP	06 Days
37.	Dr.N.saranya	Advancements in Artificial Intelligence and Machine Learning for Real-Time Applications	Krishnasamy College of Engineering & Technology	1 Day
38.	Dr.T Deepa	Advancements in Artificial Intelligence and Machine Learning for Real-Time Applications	Krishnasamy College of Engineering & Technology	1 Day
39.	Dr.R.Vijayarani	Antenna Design for Next Generation Wireless Communications	Electronics & ICT Academy, IIT Roorkee	07 Days
40.	K Jambulingam	AI Innovations 2025: Emerging Trends and Challenges in the Real World	SIMATS Engineering	05 Days
41.	K Jambulingam	Empowering Educators with AI: Tools, Techniques, and Best Practices	Sri Bhagawan Mahaveer Jain First Grade College	1 Day
42.	Dr.S.Dhivya	MATLAB for Research and Innovation	Nanjiah Lingammal Polytechnic College	02 Days
43.	Dr.S.Dhivya	Artificial Intelligence's Impact on Transforming Software, Robotics, Electrical, Electronics & Mechanical Fields	Dhaanis Ahmed College of Engineering	06 Days
44.	Dr.S.Dhivya	Empowering Educators with AI: Tools, Techniques, and Best Practices	Sri Bhagawan Mahaveer Jain First Grade College	1 Day
45.	Dr.S.Dhivya	Next Generation Semiconductor Devices and circuits	J P College of Engineering	1 Day
46.	Ganesan	Wearable Technology: A New Frontier in Healthcare Delivery and Management	CVR College of Engineering	06 Days
47.	R.Gayathri	Recent Trends on AI Text Vision & Hardware Implementation Model	Pantech e Learning	06 Days
48.	Jambulingam K	Emerging Frontiers in Generative AI and Deep Learning	MEASI Institute of Information Technology	05 Days
49.	R.Gayathri	Recent Advancements in AI & ML	St Joseph College of Engineering	05 Days
50.	Dr. R. Kalaiyarasan	Cloud Enabled Deep Learning with Enhanced Security Protocols	RGM College Of Engineering And Technology	05 Days
51.	R Arthy	Image Processing and computer vision	Pantech E-Learning	06 Days
52.	Dr.R.Vijayarani	Radio Frequency Circuits and Systems	Ramaiah Institute of Technology	14 Days
53.	Dr.R.Vijayarani	AI Meets RF: Transforming Antenna and Microwave Technologies Through Intelligence	GH Raisoni College	06 Days

54.	Dr.R.Vijayarani	Wireless Power Transfer: Concepts to Applications	Ramaiah Institute of Technology	05 Days
55.	S Ganesan	Sensor Technologies: Physics, Fabrication, and Circuits	NPTEL FDP	3 Months
56.	R.Sivakumar	Recent Advancements in AI & ML	St Joseph College of Engineering	05 Days
57.	S Ganesan	Th Future of movement :Smart Cities	ATAL FDP	06 Days
58.	Dr.N.Saranya	Re-Configurable and Compact Antennas: Enabling Real-Time Solutions In Wearable and Healthcare Technologies	Rajalakshmi Engineering College	06 Days

9.6 Best Practices followed by the Department.

S.No	Best Practice	Description
1	Guest Lectures for Every Course	Each course includes at least one guest lecture delivered by industry experts or academicians to provide students with exposure to current technologies and real-world applications.
2	Weekly Professional and Club Activities	Professional society activities and department club events are conducted every week to enhance students' technical knowledge, leadership skills, and teamwork abilities.
3	Research Publication for Final Year Students	Final year students are encouraged to publish their project work in conferences, journals, or patents, ensuring that they gain research exposure and contribute to innovation
4	Innovative Teaching–Learning Practices	. Various pedagogical methods such as project-based learning, problem-based learning, flipped classrooms, seminars, and case studies are adopted to improve student understanding and engagement.
5	Industry–Academia Collaboration through MoUs	The department signs Memorandums of Understanding (MoUs) with industries and research organizations to strengthen industry–academia interaction, facilitate internships, and provide practical exposure for students.

9.7 List three distinguished alumni of the department from the recent passes-out batch.

S.No	Name of the Alumni	Contact Details
1	Chandru G	9597830251
2	Kamali K	9500377186
3	Yamuna V	9655433265

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Department IQAC Coordinator
(Dr.R.Ramya)

Head of the Department
(Dr.P.Raja)

Dr. P. RAJA
Professor & Head
Dept. of Electronics and Communication Engg.
Sri Manakula Vinayagar Engineering College
(An Autonomous Institution)
Madagadipet, Puducherry - 605 107

Recommendations:

Criteria	Remarks
Curricular Aspects	(i) Regular BoS review, effective action taken on syllabus suggestions, emerging technology inclusion, Honors/Minor options, and structured academic planning are the key strengths (ii) More industry integrated content, mandatory simulation/design assignments, stronger outcome mapping, interdisciplinary electives are recommended
Teaching, Learning and Evaluation	Structured analysis of lower performing semesters, evidence based remedial monitoring is required
Structured Feedback	It is recommended to strengthen action taken documentation through trend analysis, closure reports
Research, Innovation and Publications	(i) Externally funded projects (ongoing –Nil), (ii) High quality indexed journal displayed is only 2 /sem (iii)Consultancy generation and (iv)Technology transfer need to be improved Proper records of consultancy account transactions and supporting bank statement details shall be maintained.
Collaborations and Linkages	Strengthen formal collaboration through structured MoUs with industry and research organizations,
Student Progression	Focused action is recommended for (i)Backlog reduction (ii) Progression tracking (iii)PG enrollment enhancement.
Activity Conducted / Organized by the Department	The department has conducted several relevant academic and industry oriented activities. More measurable impact indicators may be incorporated,
Achievements	Only 19 student achievements are recorded; considering the overall student strength, the level of participation appears low and needs to be improved through greater encouragement and wider student involvement.
General Remarks	a)To move toward a higher benchmark, focused effort is needed in (i) Research funding, (ii) Consultancy, (iii) Collaborations, (iv) PG admissions b) All documents to be signed with seal c) IETE can be with volume and issue number.Sign need to be included d) In Guest Lecture geo Tagged photo is missing e) Participation is less (2) in 9.2 f)Pedagogy can be used differently

Name and Signature
Dr. N. Thilagavathi
Professor/Department of IT
SMVEC

Name and Signature
Dr.A.Karunamurthy
Associate Professor/Dept of MCA
SMVEC

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

COMPUTER SCIENCE AND ENGINEERING

ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENTS
Academic Year - 2025-26
Internal Audit

SECTION –1: BASIC INFORMATION

Audit Date	13-03-2026
Name of the Department	Computer Science and Engineering
Year of Establishment	1999
Head of the Department	Dr. N. DANAPAQUIAME
Programs Offered	

Name of the Program	Approved Intake
B.Tech (CSE)	300
M.Tech (CSE)	24
M.Tech CSE(BDA)	30
Ph.D	-

Programs Discontinued if any	

Number of full time Teachers

Designation	Available	Sanctioned	Filled
Professor	4	5	4
Associate Professor	9	10	9
Assistant Professor	31	30	31

Number of Technical Staff	06

Number of Students

For UG B.TECH(CSE)

Year	M	F	Total
First Year	146	144	290
Second Year	163	126	298
Third Year	98	79	177
Fourth Year	112	84	196
Total	518	433	961

For PG M.TECH (CSE)

Year	M	F	Total
First Year	5	1	6
Second Year	2	4	6
Total	7	5	12

Faculty Student Ratio	For UG 1:20	For PG 1:12

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	-
2	Faculty Subject Preferences	Yes	-
3	Elective choices from the students	Yes	-
4	Course allotment to the faculty	Yes	-
5	Time Table (UG and PG)	Yes	-
6	Lesson plan for each course	Yes	-

2.2 Curriculum/syllabus revision

S. No	Program Name	Regulation	Last Revised on
1.	B.Tech	R2023	14-03-2025

Summary of changes in Curriculum/syllabus

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus
The current curriculum R-2020 is thoughtfully designed based on stakeholder feedback, incorporating inputs from alumni, industry experts, and academicians. It emphasizes three key aspects: employability, entrepreneurship, and skill development. **Employability Courses:** · Data Science and Digital Marketing Analytics · Animation and Visual Effects · Programming in Python · Programming in C · Android Programming · Fundamentals of Data Design · Engineering Graphics Using AutoCAD **Skill development** · Project **Entrepreneurship** · Entrepreneurship Management · Business Basics for Entrepreneur	The Curriculum R-2023 was developed with a strong foundation of stakeholder feedback similar to R-20. Focusing on Innovation, Skill Development, Industry need and interdisciplinary learning In alignment with these focus areas; several new courses have been introduced, including offerings for honours and minors. The newly introduced courses are listed below: **Employability Courses:** · Web Designing · Devops and Deployment Systems · Designing and building of bots · Modern Computer Architecture · Introduction to Machine Learning **Skill development** · Micro Project · Mini Project · Design Thinking **Entrepreneurship** · Entrepreneurship Management · Business Basics for Entrepreneur · Communicative English **Theory cum Practical Courses:** · Design and Analysis of algorithm · Android Programming · Blockchain Concepts and Applications **Flexible Learning:** Honours and Minor in Cyber Security

2.3 List of Professional Elective Courses offered by the department

S. No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1.	III / V	Network Security	U23CSE507	60
2.	III / V	Software Project Management	U23CSE509	116
3.	IV / VII	Virtual Reality	U20CSCM04	195

2.4 List of Open Elective Courses offered by other departments

S. No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1.	III/V	BME	Biometric Systems	U23BMOC02	118
2.	III/V	ICE	Sensors of Engineering Application	U23ICOC02	58
3.	IV/VII	IT	Automation Techniques and Tools - DevOps	U20ITCM08	195

2.5 List of Skill Development Courses offered by the department

S. No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1.	II/III	Skill Enhancement Course - I (Aptitude - I)	U23CSS301	298
2.	II/ III (M.Tech)	Ability Enhancement Course: NPTEL/SWAYAM/MOOC	P23CSC301	6

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1.	II/III	Cisco Certified Network Associate- Level 1	U23CSC328	298
2.	III/V	Blockchain-IBM Certification	U23CSE565	176
3.	I /I (M.Tech)	Python programming	P23CSC275	6

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1.	I/I	Induction Programme	U23CSM101	290
2.	II/III	Climate Change	U23CSM303	298
3.	III/V	Essence of Indian Traditional Knowledge	U23CSM505	176
4.	IV/VII	Professional Ethics	U20CSM707	195
5.	I / I (M.Tech)	Audit Course: Stress Management by Yoga	P23ACT107	6

2.8 List of Add-on/Value Added/MOOC Courses conducted by the department

S.No	Year / Sem	Name of the Course	Course code	Number of Students Registered	Number of Students Successfully Completed
1.	II/III	Social Network	-	258	258
2.	III/V	3D printing	-	152	152
3.	IV/VII	Quantum Computing	-	161	161

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery : ODD SEM
Semester: I (Batch: 2025-29)

S. No	Course Code / Course Title	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	U23CSTC01 / Programming in C	Dr.M. SHANMUGAM	45	45	48
		Mrs.C.KARTHIKA	45	45	48
		Mr.D. RAJESH	45	45	48

		Mr.B.THIYAGARAJAN	45	45	48
		Mr.AROKIARAJ CHRISTIAN ST. HUBERT	45	45	48
2.	U23CSTC02 /Problem Solving Approach	Mr.S. KUMARAKRISHNAN	45	45	48
		Mrs.BHAVANI. P	45	45	48
		Ms. NIVETHA. V	45	45	48
		Mrs. DEEPA. R	45	45	48
		Mrs.SUBASREE. S	45	45	48
PRACTICAL					
3.	U23CSPC01 / Programming in C Laboratory	Dr. SHANMUGAM. M	30	30	33
		Mrs.KARTHIKA. C	30	30	33
		Mr.RAJESH. D	30	30	33
		Mr.THIYAGARAJAN.B	30	30	33
		Mr.AROKIARAJ CHRISTIAN ST. HUBERT	30	30	33

Semester : III (Batch: 2024-28)

S. No	Course Code / Course Title	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	U23CST301 / Embedded System Architecture and Interfacing	Mrs. KARTHIKA. C	45	45	48
		Ms. NIVETHA. V	45	45	48
		Dr. M. SHANMUGAM	45	45	48
		Ms. SWATHILAKSHMI V	45	45	48
		Mrs. NIRMALADEVI. P	45	45	48
2.	U23CST302 Software Engineering and Testing	Mr. ANBUTHIRUVARANGAN. K	45	45	48
		Mr. RAJESH. D	45	45	48
		Mr. DEEBA. S	45	45	48
		Mrs.PAVITHRA. N	45	45	48
		Ms.SWATHILAKSHMI V	45	45	48
3.	U23CSDC01 / Automata and Compiler Design	Mrs.DEEBA. S	45	45	48
		Dr. RAMACHANDIRAN.R	45	45	48
		Mr.THIYAGARAJAN.B	45	45	48
		Mr.THIYAGARAJAN.B	45	45	48
		Dr. SHANMUGAM. M	45	45	48
4.	U23CST303 Computer Networks	Ms.NIVETHA. V	45	45	48
		Mrs.MOHANA PRIYA. A	45	45	48
		Dr. DANAPAQUIAME.N	45	45	48
		Mrs.HEMALATHA. M	45	45	48
		Mrs.BHAVANI. P	45	45	48
5.	U23CSBC01 / Design and Analysis of	Mrs.DEEPA. R	45	45	48
		Mrs.SUGANYA. N	45	45	48

	Algorithms	Mr.RAJADURAI.R	45	45	48
		Mrs.KARTHIKA. C	45	45	48
		Mr.KUMARAKRISHNAN. S	45	45	48
PRACTICAL					
6.	U23CSP301 / Embedded System Architecture and Interfacing Laboratory	Mrs. KARTHIKA. C	30	30	33
		Ms. NIVETHA. V	30	30	33
		Mrs. HEMALATHA. M	30	30	33
		Ms. SWATHILAKSHMI V	30	30	33
		Mrs.NIRMALADEVI. P	30	30	33
7.	U23CSP302 / Software Engineering and Testing Laboratory	Mr.ANBUTHIRUVARANGAN. K	30	30	33
		Mr. RAJESH. D	30	30	33
		Mrs.DEEBA. S	30	30	33
		Mrs.PAVITHRA. N	30	30	33
		Ms. SWATHILAKSHMI V	30	30	33

Semester : V (Batch: 2023-27)

S. No	Course Code / Course Title	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	U23CST504 / Cloud Computing	Ms. AMALA MARGRET. A	45	45	48
		Mr.RAJADURAI.R	45	45	48
		Mrs.NIRMALADEVI. P	45	45	48
2.	U23CSTC06 / Artificial Intelligence	Ms. SUGANYA. N	45	45	48
		DR. PAZHANIRAJA. N	45	45	48
		Mr. KUMARAKRISHNAN. S	45	45	48
3.	U23CSTC07 / Web Designing	Mr. RAJESH. D	45	45	48
		Mr. KARTHIKEYAN. P	45	45	48
		Mr. ANBUTHIRUVARANGAN.K	45	45	48
4.	U23CSE509 / Professional Elective-II : Software Project Management	Ms. NIVETHA. V	45	45	48
		Ms. AMALA MARGRET. A	45	45	48
		Ms.AMALA MARGRET. A	45	45	48
PRACTICAL					
5.	U23CSP503 / Cloud Computing Laboratory	AMALA MARGRET. A	30	30	33
		RAJADURAI.R	30	30	33
		NIRMALADEVI. P	30	30	33
6.	U23CSPC05 / Artificial Intelligence Laboratory	SUGANYA. N	30	30	33
		DR. PAZHANIRAJA. N	30	30	33
		KUMARAKRISHNAN. S	30	30	33
7.	U23CSPC06 Web Designing Laboratory	RAJESH. D	30	30	33
		KARTHIKEYAN. P	30	30	33
		ANBUTHIRUVARANGAN. K	30	30	33
8.	U23CSW501 Micro Project	AROKIARAJ CHRISTIAN ST. HUBERT	30	30	33
		DR. PAZHANIRAJA. N	30	30	33
		DR. PAZHANIRAJA. N	30	30	33

Semester: VII (Batch: 2022-26)

S. No	Course Code / Course Title	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	U20ITCM03 / IoT and Edge Computing	Dr. GANESAN.M	45	45	48
		Dr. R. Ramachandiran	45	45	48
		Mr. KARTHIKEYAN. P	45	45	48
2.	U20CST718 / Data Science and Digital Marketing Analytics	Mrs.BHAVANI. P	45	45	48
		Mr.AROKIARAJ CHRISTIAN ST. HUBERT	45	45	48
		Mrs. DEEPA. R	45	45	48
3.	U20CSCM04 / Professional Elective IV : Virtual Reality	Dr. SHANMUGAM. M	45	45	48
		Ms. MOHANA PRIYA. A	45	45	48
		Mr. KARTHIKEYAN. P	45	45	48
		Mrs. KARTHIKA. C	45	45	48
		Mr. KUMARAKRISHNAN. S	45	45	48
PRACTICAL					
4.	U20CSP712 / IoT and Edge Computing Laboratory	Dr. GANESAN.M	30	30	35
		Dr. R. Ramachandiran	30	30	35
		Mr. KARTHIKEYAN. P	30	30	35
5.	U20CSP713 / Data Science and Digital Marketing Analytics Laboratory	Mrs. BHAVANI. P	30	30	35
		Mr. AROKIARAJ CHRISTIAN ST. HUBERT	30	30	35
		Mrs.DEEPA. R	30	30	35
6.	U20CSP714 / Comprehensive Viva-Voce	Mr. THIYAGARAJAN.B	30	30	35
		Mr.KARTHIKEYAN. P	30	30	35
		Dr. GANESAN.M	30	30	35
7.	U20CSW701 / Project Phase - I	Dr. GANESAN.M	30	30	35
		Dr. SHANMUGAM. M	30	30	35
		Dr. N.DANAPAQUIAME	30	30	35

ODD SEMESTER : M.TECH : Computer Science and Engineering

Semester : I (Batch: 2025-27)

S. No	Course Code / Course Title	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	P23CSTD01 / Advanced Data Structures and Algorithms	Ms. SWATHILAKSHMI V	45	45	48
2.	P23CST102 / Cloud and Big Data Analytics	Mr. KARTHIKEYAN. P	45	45	48
3.	P23CSTD02 / Speech and Language Processing	Mr. ANBUTHIRUVARANGAN	45	45	48
4.	P23CSE104 /	Mrs. NIRMALADEVI. P	45	45	48

	Professional Elective I : Block Chain and Crypto Currency				
PRACTICAL					
5.	P23CSP101 / Advanced Data Structures and Algorithms Laboratory	Ms. SWATHILAKSHMI V	30	30	35

Semester : III (Batch: 2024-26)

S. No	Course Code / Course Title	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	P23CSE312 / Professional Elective-IV : Pattern Recognition	Ms.AMALA MARGRET. A	45	45	48
2.	P23CSE317 / Professional Elective-V : Intelligent Internet of Things	Dr. N. Danapaquiame	45	45	48
3.	P23CSE320 / Professional Elective-VI : Knowledge Engineering and Expert Systems	Mrs.BHAVANI. P	45	45	48
PRACTICAL					
4.	P23CSW301 / Project Phase - I	Dr. GANESAN.M	30	30	35
5.	P23CSW302 Internship	Dr. S.Saravanan	30	30	35

3.2 Use of ICT Tools in Teaching Learning

S. No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Dr. M. SHANMUGAM	U23CSTC01 / Programming in C	Hands-On, Quizzes for every topics
2.	Ms.SWATHILAKSHMI V	U23CST301 / Embedded System Architecture and Interfacing	PPT Presentation
3.	Mrs.DEEBA. S	U23CST302 Software Engineering and Testing	PPT Presentation, Gmeet
4.	Mr.D.RAJESH	U23CSTC07 / Web Designing	PPT presentation
5.	Mr.KUMARAKRISHNAN. S	U23CSTC06 / Artificial Intelligence	PPT Presentation
6.	Mr.AROKIARAJ CHRISTIAN ST. HUBERT	U20CST718 / Data Science and Digital Marketing Analytics	PPT Presentation

3.3 List of Expert Lectures / Workshops Conducted

1.	Web Designing	Mr. Hercule Kaviarasan, Senior System Engineer, Datatech Genius, Puducherry.	12-07-2025	175

2.	AI in Automata	Dr.G.Balamurugan, Assistant Professor, Dept of Computing Technologies, SRM, Chennai.	09-08-2025	298
3.	Building scalable applications with NODE..JS.	Balaji .R Senior System Analyst TATA Consultancy Services, Chennai	12-07-2025	298
4.	Quantum Networking	Mr.P.Arunachalam, Catalog Associate, Amazon Internet services, Chennai.	26-07-2025	298
5.	Testing for Cloud-Native Applications	Mr.Praveenkumar S, Associate L1 web developer, Integra software services, Pondicherry.	23.08.2025	298
6.	Edge Computing and Embedded AI	Kudupudi chakradhar, Associate Software Engineer, Unisys, Bangalore.	30.08.2025	298

3.4 Activities for Slow and Advanced Learners

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1.	Enginnering Mathematics-I	Mrs.Revathi	Yes	1	Yes
2.	Basics of Electrical and Electronics Engineering	Mrs.Vinothini	Yes	1	Yes
3.	Programming in C	Mr.D.Rajesh	Yes	1	Yes
4.	Problem Solving Approach	Mrs.S.Subasree	Yes	1	Yes
5.	Probability and Statistics	Mr..K.Raja	Yes	1	Yes
6.	Embedded System Architecture and Interfacing	Dr.M.shanmugam	Yes	1	Yes
7.	Automata and Compiler Design	Mrs.S.Deeba	Yes	1	Yes

8.	Cloud Computing	Mrs.P.Nirmaladevi	Yes	1	Yes
9.	Artificial Intelligence	Mr.S.Kumarakrishnan	Yes	1	Yes
10.	Data Science and Digital Marketing Analytics	Mr.Arokiaraj St.Christian Hubert	Yes	1	Yes

3.5 Counseling and Mentoring

No. of Students in Department	Number of Mentors in the Department	Mentor: Mentee Ratio
961	44	1:22

S. No	Particular	Yes / No	Remarks (if any)
1.	Mentor allocation	Yes	-
2.	Class wise student profile record maintained.	Yes	-
3.	Mentor–mentee session record maintained.	Yes	-

3.6 Internal Evaluation Systems

S. No	Particular	Yes / No	Remarks (if any)
1.	Continuous assessment examination conducted as per the academic calendar	Yes	-
2.	Are proper evaluation methods used for courses such as Employability Enhancement Courses, mandatory courses etc.,	Yes	-
3.	Details of internal marks awarded	Yes	-
4.	Any grievances raised in internal evaluation?	Yes	-

3.7 Learning Outcomes

S. No	Particular	Yes / No	Remarks (if any)
1.	PO, PEO, PSO, CO are well stated	Yes	-
2.	Correlation of COs with POs and PSOs for each course available	Yes	-
3.	Course Exit survey conducted	Yes	-
4.	Course Outcome Attainment Calculated	Yes	-
5.	Corrective Action Suggestion available for the courses where CO target is not attained	Yes	-
6.	Program exit survey conducted	Yes	-
7.	PSO and PO attainment through CO	Yes	-
8.	Corrective Action Suggestion available where PO target is not attained	Yes	-

3.8 Student Performance in End Semester Examination

Semester : I (Batch: 2025-29)

Sr. No	Particular	UG	PG
1	Number of Students appeared	289	
2	Number of All Clear Students	234	
3	Number of Students passed with Distinction		

4	Number of Students passed with First Class		
5	Number of Students passed with Second Class		
6	Number of Students Failed	55	
7	Passing Percentage	81%	

Semester : III (Batch: 2024-28)

Sr. No	Particular	UG	PG
1	Number of Students appeared	298	06
2	Number of All Clear Students	272	06
3	Number of Students passed with Distinction		
4	Number of Students passed with First Class		
5	Number of Students passed with Second Class		
6	Number of Students Failed	26	0
7	Passing Percentage	91%	100%

Semester : V (Batch: 2023-27)

Sr. No	Particular	UG	PG
1	Number of Students appeared	175	
2	Number of All Clear Students	171	
3	Number of Students passed with Distinction		
4	Number of Students passed with First Class		
5	Number of Students passed with Second Class		
6	Number of Students Failed	04	
7	Passing Percentage	98%	

Semester: VII (Batch: 2022-26)

Sr. No	Particular	UG	PG
1	Number of Students appeared	195	
2	Number of All Clear Students	190	
3	Number of Students passed with Distinction		
4	Number of Students passed with First Class		
5	Number of Students passed with Second Class		
6	Number of Students Failed	05	
7	Passing Percentage	97%	

3.9 Student Performance of Outgoing Students

Sr. No	Particular	UG	PG
1	Number of outgoing students	188	06
2	Number of students successfully completed the program	182	06
3	Number of students completed the program with no backlogs	90	06
4	Number of students completed the program with backlogs	92	-

100

SECTION – IV: STRUCTURED FEEDBACK

S. No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1.	Academic expert feedback on curriculum with analysis and action taken report	Yes	45	-
2.	Employer feedback on curriculum with analysis and action taken report	Yes	28	-
3.	Teacher feedback on curriculum with analysis and action taken report	Yes	54	-
4.	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes	195	-
5.	Parent Feedback on Curriculum with analysis and action taken report	Yes	22	-
6.	Alumni feedback on curriculum with analysis and action taken report	Yes	250	-
7.	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	195	-
8.	Graduate (program) Exit Survey with analysis and action taken report	Yes	195	-

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S. No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
-	-	-	-	-	-

5.2 Consultancy Works

S. No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
-	-	-	-	-	-

5.3 Faculty Publications (faculty-wise list)

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors
1.	2025 - 2026	1	7			3.9
2.	2024 - 2025	7	-			5.45
3.	2023 - 2024	4	-			6.84
4.	2022 - 2023	5	4			4.71

Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	-
Number of Publications in International Journals	16
Number of Publications in National Conferences	1

Number of Publications in International Conferences	14
Number of Books / Book Chapters	2
Number of Patents (Filed)	-
Number of Patents Granted	-
Number of Design Patents (Filed)	8
Number of Design Patents Granted	–

National Journal

S. No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
-	-	-	-	-

International Journal

S. No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1.	Optimal attention deep learning based in-vehicle intrusion detection and classification model on CAN messages	R. Saravanan, S. Balaji, M.Ganesan, M. Braveen, R. Srinivasa Perumal	Scientific Reports, Nature Portfolio,	15, 33952, 2025	SCIE Indexed
2.	Survey on Ev – Station Finder and Slot Booking	Agil Aadhavan A, Macmillan Pious P, Vignesh M, Dr.M Ganesan	International Journal for Multidisciplinary Research	Volume 7, Issue 1, Jan 2025.	UGC Care
3.	Automated PDF Data Extraction and Retrieval Using NLP and OCR	Dr. M.Ganesan, Suvetha Devi.P	International Journal of Innovative Research in Technology	Volume 11 Issue 11, April 2025.	UGC Care
4.	A Survey on Gold Price Forecasting Model using Machine Learning Techniques	Dr.M.Ganesan, M.P.Saravanakumar, M.Abdul Mafaz, A.Agilan	ternational Journal of Innovative Research In Technology	Volume 11 Issue 11, April 2025	UGC Care
5.	"AI-Agent Powered CCTV Grid System for Vehicle Identification and Tracking"	Mr.Rajesh D,Gnaneswaran J S,Kumaraguru M, Surendar B, Sooriya R	International Journal of Novel Research and Development,	Volume 10, Issue 12, December 2025|,	
6.	Smart Proctor: Lightweight, Privacy-Centric Remote Exam Monitoring"	Mr. D. Rajesh, Hariharan C, Harithira A, Elakkiyan S,Silambarasan B, Kishore R	International Journal for Multidisciplinar y Research	Volume 7, Issue 6, November-December 2025	
7.	Gesture Analysis in Online Meeting Using Ml	S Ramprasanth, Mr. D. Rajesh, V Ram kumar, S Hariprasaad, P Adithya,"	international journal of innovative research in technology	Volume 11 Issue 7 , December 2024	
8.	Deep learning approaches for marine oil spill detection and monitoring	R Sharath, D Rajesh, P Danush, M Balaji,	International Journal Of Novel Research And Development.	Volume 10, Issue 4 April 2025,	

9.	A Dilated Feature Fusion Approach to Optic Cup and Disc Segmentation for Glaucoma Detection and Progression Prediction	Dr. M.Shanmuga, et al.,	IEEE Explore	https://ieeexplore.ieee.org/document/11099982	Scopus
10.	Context - Aware Workflow for Modern Machines and it's Environmental Safety with AIoT	Dr. M.Shanmuga, et al.,	Journal of Environment and Pollution	April 2025	Google Scholar Indexed
11.	A Novel Approach for Enhancing Child Speech Synthesis Using LIESS Algorithm	Dr. N. Danapaquiame, Dr. M.Shanmuga, et al	Gongcheng Kexue Yu Jishu/Advanced Engineering Science	Article Accepted	Scopus
12.	Revolutionizing Education through AI-Driven Personalized E-Learning Systems	Mr.D.Rajesh,Aswini.R,R.Bharkavi,M.Harshini Sree.M,	International Journal of Novel Research and Development	. Volume 9, Issue 4 April 2024,	
13.	Object Measurement App Using Augmented Reality	Dr.M. Shanmugam,et al	ICA6NT 2025	2025 Under Printing	
14.	AI-Powered AR based Attendance	Dr.M. Shanmugam,et al	AIP Conference Proceedings	2025	Web of Science indexed
15.	Early Stage Disease Identification in a Context-aware Environment Leveraging Digital Security and Natural Language Processing	P. Karthikeyan, S. Geetha, S. Tharnidhar, R. Yuvaraj, S. Sriram, S. Jayaraj,"		Vol. 10 No. 18s (2025)	
16.	Stock Market Analysic and Predicition Sentiment Analysic	K. Anbuthiruvarangan	International Journal of Innovative Research in Technology	Volume 11 Issue 9, 2025.	

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Automated Clinical Documentation	Arokiaraj Christian St Hubert	NCICSET'25	Sri Indhu college of Engineering and Technology		

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1.	Deep Feature Extraction with Recurrent	Jansi Sophia Mary C, Dr H Anwer Basha, S. Rajalakshmi, Dr.M.Ganesan,	International Conference on Emerging Trends in Machine Learning, Computer Vision,	ICETMCP-2026	978-81-9918 69-7-2	

	Neural Network Architecture for Enhanced Fire Detection	Dr.R. Saravanan, Dr.S.T.Arokkiya Mary	and Pattern Recognition			
2.	Metaheuristic-Driven Deep Learning Framework for Efficient Hepatocellular Carcinoma Detection Using Biomedical Data	S. Rajalakshmi, Dr. M.Ganesan, Gandhimathi K, Dr. T. Suresh, Dr. R. Saravanan, Mr. S. Prasanna	International Conference on Emerging Trends in Machine Learning, Computer Vision, and Pattern Recognition	ICETMCP-2026	978-81-9918 69-7-2	
3.	A Novel Approach for Enhancing Child Speech Synthesis Using LIESS Algorithm,	Danapaquiame N, Shanmugam M, Arokiaraj Christian St. Hubert, Aishwariya Lakshmi M	International Conference on Artificial Intelligence and Secure Data Analytics (ICAISDA–2025)	ICAISDA 2025		Department of Computer Science and Engineering PUDUCHERRY TECHNOLOGICAL UNIVERSITY PUDUCHERRY - 605 014
4.	Night Time Accident Predicition Using Sequential Monte Carlo Methods for Speed Estimation	Arokiaraj Christian St Hubert	9th International Conference ICMETE'25			
5.	A Dilated Feature Fusion Approach to Optic Cup and Disc Segmentation for Glaucoma Detection and Progression Prediction	Dr. M. Shanmuga, et al.	IEEE Explore	ICETEA 2025	11099982	SMVEC
6.	A Novel Approach for Enhancing Child Speech Synthesis Using LIESS Algorithm	Dr. N. Danapaquiame, Dr. M. Shanmugam, et al.,	ICAISDA 2025	ICAISDA 2025	29-30 December 2025	Pondicherry Technological University
7.	Optimized water quality prediction using LSTM – MEOA	D.Dhivagar, N.Pazhaniraja, M.Ganesan, K.Premkumar	ICAAAI 2025	ICAAAI 2025	Feb 2025	Springer Nature

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	Integration: Advancing Environmental Forecasting					
8.	Object Measurement App Using Augmented Reality	Dr.M. Shanmugam,et al	ICA6NT 2025	ICA6NT 2025	2025	Velammal Institute of technology,Chennai
9.	Context-Aware Fraud Detection in Bank-To-Crypto On-Ramp Transactions Using Hybrid Machine Learning,"	P. Karthikeyan., S. Geetha, K. Thulasie, Jeyvanti and Niha Nafiza Shafi	Springer Nature, First International Conference On Artificial Intelligence and Secure Data Analytics (ICAISDA-2025)	First International Conference On Artificial Intelligence and Secure Data Analytics (ICAISDA-2025)	December 29-30, 2025.	Springer Nature
10	Context Aware AI for Multi-modal Fraud Detection Using IP Pattern and Human Interaction Behavior	P. Karthikeyan, S. Geetha., P. Janani.3, V. Abiya.4, and S. Hemma Villacini	(ICAISDA-2025)	(ICAISDA-2025),	December 29-30, 2025	Springer Nature
11	An IoT-Enabled Context-Aware System for Machine Workflows and Industrial Safety	P. Karthikeyan	(ARET-2025)	(ARET-2025)	26th–28th April 2025	Hinweis Research
12	Harnessing Advanced Machine Learning for Predictive Modeling and Granular Analysis of COVID-19 Epidemic Dynamics	Arokiaraj Christian St Hubert	AMATHE 2025	AMATHE 2025	2025	
13	Data Analytics and Digital Twins	Arokiaraj Christian St Hubert	6TH International conference on Computational Intelligence and Industry 5.0	6TH International conference on Computational Intelligence and Industry 5.0	2025	Vellamal Institute of Technology.
14	Optimized water quality prediction using LSTM – MEOA Integration:	D.Dhivagar, N.Pazhaniraja, M.Ganesan, K.Premkumar	ICAAAI 2025	ICAAAI 2025	Feb 2025	Springer Nature

	Advancing Environmental Forecasting					

Books / Book Chapters

S. No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1.	Leading with Emotional Intelligence in Virtual Workspaces in Strategic Leadership in the Digital Age: Practices and Perspectives	Mrs.E.Aartheeswari, Dr.M.Ganesan		BookBytes International Publications, Nov 2025
2.	Advanced Data Structure using Java	Dr. M. Shanmugam, Mr. P. Karthikeyan	97881990 61651	Aarambh Quill Publications
3.	The Role of VR and AR in Intelligent Computing - Applications in Psychology and Autism (Book Chapter)	Mrs.S.Deeba		https://onlinelibrary.wiley.com/doi/epdf/10.1002/9781394336081.ch13

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1.	Dr. M. Shanmugam	Dr. M. Shanmugam	PERSONALIZED AR/VR INTEGRATED EXPERIENCE (PARVIE): A DEMOCRATIZED APPROACH TO AUGMENTED REALITY/VIRTUAL REALITY	202541047555 22-08-2025	India	Patent Published

Design Patent

S. No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1.	Sri Manakula Vinayagar Engineering College	1. Dr.M. Ganesan 2. Mr.D. Rajesh 3. Mr.Arokiaraj Christian St Hubert 4. Ms.V. Swathilakshmi 5. Mrs.S. Subashree	Air Bag Tracker	202541087511 15-09-2025	India	Patent Published

2.	Sri Manakula Vinayagar Engineering College	1. Dr. M. Shanmugam 2. Mrs. N. Suganya 3. Ms. V. Nivetha 4. Ms. A. Mohanapriya 5. Mrs. P. Nirmala Devi	Underwater Object Detection Using Yolov8 and Fastest R-CNN	202541087512 15-09-2025	India	Patent Published
3.	Sri Manakula Vinayagar Engineering College	1. Dr.K. Premkumar 2. P. Karthikeyan 3. M. Thiyagarajan 4. Kumarakrishnan S 5. P. Bhavani	Smart Helmet System: An Android Application for Coal Miners	202541087488 15-09-2025	India	Patent Published
4.	Sri Manakula Vinayagar Engineering College	1. Dr.S. Saravanan 2. Kumarakrishnan S 3. D. Rajesh 4. S. Subashree 5. C. Karthika	Breast Cancer Prediction Using Transfer Learning Algorithm	202541087530 15-09-2025	India	Patent Published
5.	Sri Manakula Vinayagar Engineering College	1. Dr. N. Pazhaniraja 2. Mrs. S. Deeba 3. Mrs. R. Deepa 4. Mrs. C. Karthika 5. Mr. K. Anbuthiruvarangan	Vehicle Co2 Emission Prediction Using MAWRF-AESL Model	202541087531 15-09-2025	India	Patent Published
6.	Sri Manakula Vinayagar Engineering College	1. Dr. N. Danapaquiame 2. Dr.N. Sakthipriya 3. Mr. P. Sudharsan 4. Mrs. G. Maheshwari	Chores-A Peer-To-Peer Quick Commerce Platform For on-Demand Task Assistance	202541088400 17-09-2025	India	Patent Published
7.	Sri Manakula Vinayagar Engineering College	1. Dr. N. Danapaquiame 2. Mrs. E. Thamizharasi 3. Mrs. M. Viji	V-Kit-A Modern Assistive Tool For Visually Impaired Using Proximity Bands And Image To Speech Glass	202541088401 17-09-2025	India	Patent Published
8.	Sri Manakula Vinayagar Engineering College	1. Dr. N. Danapaquiame 2. Mrs.E. Thamizharasi 3. Mrs. K. Devika 4. Dr. N. Sakthipriya	Neurovoice: Brainprint Based Thought to Speech And Voice Cloning Communication System for Mute and Pe	202541088412 17-09-2025	India	Patent Published

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S. No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1.	SHARATH R	ZOHO(VITIAN)	3 Months	17.12.25	24.01.25
2.	KUMARAGURU M	AGILESOFTLABS	3 Months	17.12.25	27.01.26
3.	GOKUL L	COMATHA AGRO &DIARY ENTERPRISES	3 Months	17.12.25	30.04.26
4.	RUBAN R	SBI LAKSHIMI GROUP	3 Months	23.12.25	23.01.26
5.	AAKASH H	D2DSPOT	3 Months	06.01.26	30.06.26
6.	MADHAN V	D2DSPOT	3 Months	02.01.26	30.06.26
7.	ADHIKESAVAN G	D2DSPOT	3 Months	02.01.26	30.06.26
8.	SOUNDARYA P	SOCIETY GENERAL	4 Months	20.01.26	20.07.26
9.	JANANI P	SOCIETY GENERAL	4 Months	20.01.26	20.07.26
10.	DEVISREE N	ATKINS REALIS	3 Months	20.01.26	20.04.26
11.	KUMARAGURU M	AGILESOFTLABS	3 Months	20.01.26	20.02.26
12.	VARSHA A	MOVOTE	4 Months	21.01.26	21.04.26
13.	KISHORE R	CTS	3 Months	12.01.26	30.03.26
14.	DEVISREE N	ATKINS REALIS	3 Months	03.02.26	28.03.26
15.	SHARATH R	ZOHO	3 Months	05.02.26	06.03.26
16.	DEEPIKA V	CKROWN COMPANY	3 Months	06.02.26	06.03.26
17.	ROSHINI NIVADA P	CKROWN COMPANY	3 Months	06.02.26	06.03.26

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18.	SHARATH R	UNACADEMY	3 Months	09.02.26	09.03.26
19.	DHINESH SARAVANAN V	CTS	3 Months	16.2.26	TILL MARCH END
20.	PRASANTH S	CTS	3 Months	16.2.26	TILL MARCH END
21.	BARANI M	CTS	3 Months	16.02.26	TILL MARCH END
22.	SANTHOSH D	CTS	3 Months	16.02.26	TILL MARCH END
23.	PRAJESH G	CTS	3 Months	16.02.26	TILL MARCH END
24.	KISHORE K M	CTS	3 Months	16.2.26	TILL MARCH END
25.	ANBUSELVAM I	CTS	3 Months	16.02.26	TILL MARCH END
26.	SANJAYKUMAR S	CTS	3 Months	18.02.26	18.06.26
27.	FAZIL AHAMED M	CTS	3 Months	18.02.26	18.06.26
28.	CHANDRAMOULY V	CTS	3 Months	18.02.26	18.06.26
29.	KERTHI M	CTS	3 Months	18.02.26	18.08.26
30.	VARSHA A	MOVATE	3 Months	23.03.26	20.04.26
31.	KEERTHIRAAJAN V	TCS	3 Months	02.03.26	30.4.26

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1.	-	-	-	-

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
	-	-	-	-

6.4 Functional Memorandum of Understanding (MoU)

S. No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	ABE Semiconductor Designs	24/01/2024	Training, Internship, Research	5 years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	119
Number of Students opted Higher Studies	12
Number of Entrepreneur	-

7.1 Placements

S. No	Name of the Student	Name of the Company	Salary Package (per annum)
1.	JANANI P	Societe Generale	5.43
2.	SOUNDARYA.P	Societe Generale	5.43
3.	KAVITHA R	Kaar Technologies	6.50
4.	PRAKASH P	Kaar Technologies	6.50
5.	ASHWINI R	Hexaware	6.00
6.	BOOJA DEVI D	Hexaware	4.00
7.	DHINESH SARAVANAN	Hexaware	4.00
8.	DIVYASRI S B	Hexaware	4.00
9.	FAZIL AHAMED M	Hexaware	4.00
10.	GAJALAKSHMI V	Hexaware	4.00
11.	GOPIKA N	Hexaware	4.00
12.	HAMSANA S	Hexaware	4.00
13.	HARINI.S	Hexaware	4.00
14.	HARITHIRA A	Hexaware	4.00
15.	HEMAPRABA K	Hexaware	4.00
16.	JANANI M	Hexaware	4.00
17.	JANANI V	Hexaware	6.00
18.	JOUSHYA C	Hexaware	4.00
19.	KABILAN S	Hexaware	4.00
20.	PRAJESH G	Hexaware	4.00
21.	RISHABH KUMAR SINGH B	Hexaware	6.00

109.	HAMSANA S	TCS Ninja	3.36
110.	JANANI V	TCS Ninja	3.36
111.	RISHABH KUMAR SINGH B	TCS Ninja	3.36
112.	SILAMBARASAN B	TCS Ninja	3.36
113.	DEVISREE N	Atkins Realis	4.00
114.	REFAYAH SULTHANA	TCS Digital	7.00
115.	JEYVANTI S	TCS Ninja	3.36
116.	DHARSHAN B	TCS Ninja	3.36
117.	HARINI M	TCS Ninja	3.36
118.	YOGESH R	TCS Ninja	3.36
119.	SHARATHJAYAN GM	TCS Ninja	3.36

7.2 Higher Studies

S. No	Name of the Student	Name of the Institution	Name of Program admitted to
1.	ABDUL SATTAR NAFEES	PONDICHERRY UNIVERSITY	MBA (HRM)
2.	ISAIREKHA B	PONDICHERRY UNIVERSITY	MBA DATA ANALYTICS
3.	MOULISHWAR VS	UNIVERSITY OF EDINBURGH	MASTERS IN CYBERSECURITY, PRIVACY AND TRUST
4.	SHREE RAAM B	ESILV ENGINEERING SCHOOL OF VINCI	MASTERS IN CLOUD COMPUTING AND CYBERSECURITY
5.	YOGEESWARAN .S. B	INSTITUT SUPÉRIEUR D'ÉLECTRONIQUE DE PARIS	SOFTWARE ENGINEERING
6.	SUJITHA V K	SHIV NADAR UNIVERSITY, CHENNAI	M.TECH - ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
7.	YEKANTHAVASAN A	VIT, CHENNAI	MTECH COMPUTER SCIENCE AND ENGINEERING
8.	VISHNUPRIYA S	PONDICHERRY UNIVERSITY	MBA BANKING TECHNOLOGY
9.	ACKSHAIYA S	PONDICHERRY UNIVERSITY	MBA HUMAN RESOURCE MANAGEMENT
10.	DARSHINI BALAMURALI	UNIVERSITY OF WINDSOR	MASTER OF APPLIED COMPUTING
11.	PANDI SELVAM	UNIVERSITY OF EAST LONDON	MASTER OF SCIENCE IN ARTIFICIAL INTELLIGENCE
12.	GURURAMAN TN	NATIONAL COLLEGE OF IRELAND	MASTER OF SCIENCE IN DATA ANALYTICS

7.3 Entrepreneur

S. No	Name of the Student	Name of the Company	Nature of Company	Location / Address
-	-	-	-	-

80.	VIJAY P A	Sutherland	3.00
81.	VADAPALLI SURYA ABHIRAM	Sutherland	3.00
82.	KEERTHIRAAJAN V	Vis AI Labs	5.00
83.	KEERTHIRAAJAN V	TCS Digital	7.00
84.	KUMARAGURU M	TCS Digital	7.00
85.	HARITHIRA A	TCS Digital	7.00
86.	SHIVANI S	TCS Digital	7.00
87.	ADHIKESAVAN G	TCS Ninja	3.36
88.	AMUDHINI J	TCS Ninja	3.36
89.	DEVISREE N	TCS Ninja	3.36
90.	DHIVYAPRASATH J	TCS Ninja	3.36
91.	ELAKKIYAN S	TCS Ninja	3.36
92.	GAUTHAAM P	TCS Ninja	3.36
93.	HARIHARAN C	TCS Ninja	3.36
94.	HARINI C	TCS Ninja	3.36
95.	KARMUGILAN S	TCS Ninja	3.36
96.	MOHANAPRIYA S	TCS Ninja	3.36
97.	NANDHAKUMAR B	TCS Ninja	3.36
98.	SHASHANK SEKHAR VS	TCS Ninja	3.36
99.	SURENDAR B	TCS Ninja	3.36
100.	VISHNU PREETHI K	TCS Ninja	3.36
101.	VADAPALLI SURYA ABHIRAM	TCS Ninja	3.36
102.	KISHORE R	TCS Ninja	3.36
103.	GNANESWARAN J S	TCS Ninja	3.36
104.	GOPIKAA T	TCS Ninja	3.36
105.	SUSHIL KUMAR R	TCS Ninja	3.36
106.	SURIYAN S R	TCS Ninja	3.36
107.	ASHWINI R	TCS Ninja	3.36
108.	GOPIKA N	TCS Ninja	3.36

51.	HARINI.S	CTS GenC	4.00
52.	JANANI P	CTS GenC	4.00
53.	JOODI CELESTINA E	CTS GenC	4.00
54.	KUMARAGURU M	CTS GenC	4.00
55.	NIHA NAFIZA SHAFI	CTS GenC	4.00
56.	REFAYAH SULTHANA	CTS GenC	4.00
57.	RISHABH KUMAR SINGH B	CTS GenC	4.00
58.	SHARATHJAYAN GM	CTS GenC	4.00
59.	SURIYAN S R	CTS GenC	4.00
60.	SUSHIL KUMAR R	CTS GenC	4.00
61.	THANUSHIKA K	CTS GenC	4.00
62.	YOGAPRIYA R	CTS GenC	4.00
63.	MADHU GANESUN R	CTS GenC	4.00
64.	ABIYA V	CTS GenC	4.00
65.	BOOJA DEVI D	CTS GenC	4.00
66.	KISHORE R	CTS GenC	4.00
67.	PRADEEP KUMAR A	CTS GenC	4.00
68.	SURIYA S K	CTS GenC	4.00
69.	BARANI M	CTS GenC Next	6.75
70.	ANOUPRIYA P	CTS GenC	4.00
71.	ASWIN S	CTS GenC	4.00
72.	MAGESH A	CTS GenC	4.00
73.	NAGAJEEVITHA N	CTS GenC	4.00
74.	NANDHA KUMAR S	CTS GenC	4.00
75.	AISHWARIYA LAKSHMI. M	TCS Ninja (PEGA)	3.86
76.	SARA S	TCS Ninja (PEGA)	3.86
77.	SHARON JULIANE J	TCS Digital (PEGA)	7.00
78.	VADAPALLI SURYA ABHIRAM	AVA Soft	6.00
79.	VARSHA A	Movate	3.60

22.	SANJAYKUMAR S	Hexaware	4.00
23.	SHALINI D	Hexaware	4.00
24.	SIVASHANKARI	Hexaware	4.00
25.	SOWMIYA S	Hexaware	4.00
26.	KERTHI M	Hexaware	4.00
27.	SHRIYA SURENDRAN C H	Hexaware	4.00
28.	ANBUSELVAM I	CTS GenC Next	6.75
29.	CHANDRAMOULY V	CTS GenC Next	6.75
30.	DHINESH SARAVANAN	CTS GenC Next	6.75
31.	DIVYASRI S B	CTS GenC Next	6.75
32.	FAZIL AHAMED M	CTS GenC Next	6.75
33.	GAJALAKSHMI V	CTS GenC Next	6.75
34.	HARISH M	CTS GenC Next	6.75
35.	JOUSHYA C	CTS GenC Next	6.75
36.	KEERTHANA J K	CTS GenC Next	6.75
37.	KERTHI M	CTS GenC Next	6.75
38.	KISHORE K M	CTS GenC Next	6.75
39.	KOGULARAJAN M	CTS GenC Next	6.75
40.	NITHYASREE S	CTS GenC Next	6.75
41.	PRAJESH G	CTS GenC Next	6.75
42.	PRASANTH S	CTS GenC Next	6.75
43.	SANJAYKUMAR S	CTS GenC Next	6.75
44.	SANTHOSH D	CTS GenC Next	6.75
45.	SHALINI D	CTS GenC Next	6.75
46.	SOUNDARYA.P	CTS GenC Next	6.75
47.	YUVASRI R	CTS GenC Next	6.75
48.	CHANDRAVADHANA T	CTS GenC	4.00
49.	GNANESWARAN J S	CTS GenC	4.00
50.	GOPIKAA T	CTS GenC	4.00

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under (Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1.	Seminar on Digital Defense for Women	Department	08-07-2025	College	450
2.	Workshop on Computer Assembly and Troubleshooting	Digital Defense for Women	07-08-2025	College	298
3.	Workshop on Usage of AI Tools	Computer Assembly and Troubleshooting	23-08-2025	College	298

8.2 FDP /Workshop / STTP / Conference for Faculty

S. No	Name of the Event / Workshop	Organized by	Date of Event	Level (State / National / International)	No. of Participants
-	-	-	-	-	-

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1.	ARJUN SIDHARTH S	OPEN TEAM CHAMPIONSHIP	Sri Ragahevendra Chess Academy	2nd PLACE AND WON ₹7000
2.	ARJUN SIDHARTH S	HUNTER'S QUEEN TROPHY PUDUCHERRY	Hunter's Chess Academy	THIRD PRIZE Rs 4500
3.	NAVIYA JAISANKAR VIDHARSHANA AKSHITHA	CRYPTIC-HUNT/ TECHNOVATION 2K25	Mailam Engineering College	3nd PRIZE and CASH Rs 700 C
4.	JEEVITHA J RANJANI M	TECHNICAL QUEST/ TECHNOVATION 2K25	Mailam Engineering College	2nd PRIZE
5.	RITHIKA.K.V SAHANASRIEE.A BALA MURUGAR.R YUGESH KUMAR J	TECHNICAL QUEST/ TECHNOVATION 2K25	Mailam Engineering College	3rd PRIZE
6.	MANOJ R.M THAARUN AAKASH.I NAVEEN P.S	TECHNICAL QUEST/ TECHNOVATION 2K25	Mailam Engineering College	1st PRIZE
7.	RAJITH SANDROU.S	Tesalam's 25	AIMS College	1st PLACE AND WON ₹4000
8.	J.SWATHIKA JENANI	Roller Skating Federation of India - 2025(Rink-V)	Pondicherry Roller Skating	Silver Medal

		Rink-VI	Association	Silver Medal
		Rink-VII		Bronze Medal
		Road-IV		Bronze Medal
9.	ISHWARYALAKSHMI D	EC Learnix National Level Hackathon	EC Learnix National Level Hackathon	Winner
10.	KEISHORE G KAVIYA VARDHINI MUGILAN SANSKRITHA K.S DHANYASRI T	ADZAP	CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY	1st PRIZE

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
-	-	-

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S. No	Name of the Faculty	Name of Editorial Boards / Conferences
1.	Dr.M. Ganesan	Inder Science Publishers
2.	Dr.M. Ganesan	International Journal of Innovative Research in Technology
3.	Dr.M. Shanmugam	**Deep Science Publishing**", https://doi.org/10.70593.

9.4 Awards / Prizes and Recognition received by teachers at University, State, National and International level

S. No	Name of the Faculty	Name of Awards / Recognition
1.	S. Deeba	Ethical Hacking NPTEL Course Silver medal
2.	S. Deeba	The Joy of Computing Using Python NPTEL - Top Performing Mentor
3.	D .Rajesh	Wipro certified Faculty
4.	Dr. M. Shanmugam	Wipro - CPPE
5.	Nivetha. V	Top performing Mentor (NPTEL)

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	S.Deeba	Introduction to Operating Systems	NPTEL	8 Weeks
		Ethical Hacking	NPTEL	12 weeks
		The Evolving Landscape in Teaching and Research: AI and Data Approaches	ATAL FDP	03-11-2025 to 08-11-2025
		The Rise of Blue Finance	AICTE-VAANI	10-09-2025 to 12-09-2025
		Artificial Intelligence's Impact on Transforming Software,Robotics, Electrical, Electronics and Mechanical fields	Dhannish Ahamed College of Engineering	21-07-2025 to 26-07-2025
		IPR awareness/ Training	NIPAM	04-11-2025
		Ethical Hacking	NPTEL-AICTE	Jul-Oct 2025
		Emerging Frontiers in Generative AI and Deep Learning	MEASI Institute of Information Technology	24.11.2025 to 28.11.2025

		(e.g., Python, UiPath, JMeter) are encouraged.
	Continuous Evaluation and Feedback	6. **Continuous Evaluation and Feedback** ○ A structured feedback mechanism ensures that both academic and non-academic areas are continuously improved. ○ Regular performance tracking through tests, projects, and presentations is conducted to monitor student progress and provide timely interventions.
	Encouraging Research and Publications	7. **Encouraging Research and Publications** ○ Faculty and students are encouraged to collaborate on research projects and publish their findings in reputed journals and conferences. ○ Students are guided to apply for patents and participate in funded research initiatives.
	Community Outreach and Social Responsibility ○ .	8. **Community Outreach and Social Responsibility** ○ The department actively organizes programs such as **technical literacy camps**, **environmental awareness drives**, and **volunteering opportunities** to instill a sense of social responsibility among students.
	MOOCs and Online Certifications	**MOOCs and Online Certifications**: Encourage students to complete free or paid courses from platforms like Coursera, Udemy, or edX, with credits or recognition awarded for completion.
	Career Guidance and Placement Training	**Career Guidance and Placement Training**: Include mock interviews, group discussions, and résumé-building workshops conducted by industry professional

9.7 List three distinguished alumni of the department from the recent passes-out batch.

S. No	Name of the Alumni	Contact Details
1.	Mr.Dayanidhi D	Director of Engineering & Growth Moving Technologies Pvt. Ltd. (Namma Yatri)
2.	Mr. Aravindraj	Senior Software engineer, PayPal, Bangalore
3.	Mr.Eniyanilavan	Software development engineer 2 Amazon India, Bangalore

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department
(Dr. N. DANAPAQUIAME)

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		Recent Trends in computing 4.0	Vishwakarma Institute of technology ,Pune	08.07.2024 to 13.07.2024
2.	Mr.Arokiaraj Christian St Hubert	Cloud Platform Product engineering	Wipro Technologies , Chennai	23.06.2025 to 09.07.2025
		Idea Generation Methods	Raak Arts and Science College (ICT Academy)	17.12.2025 to 19.12.2025
3.	Dr. M. Shanmugam	Cloud Platform Product engineering	Wipro Technologies , Chennai	23.06.2025 to 09.07.2025

9.6 Best Practices followed by the Department.

S.No	Best Practice	Description
	Mentor-Mentee System	2. **Mentor-Mentee System** ○ A dedicated mentor-mentee framework is implemented to provide personalized guidance to students. ○ Special focus is given to **slow learners** by organizing additional coaching sessions and remedial classes to strengthen their foundational knowledge. ○ **Advanced learners** are encouraged to engage in research activities, participate in hackathons, and undertake innovative projects to enhance their technical expertise.
	Encouraging Participation in Co-curricular and Extracurricular Activities	3. **Encouraging Participation in Co-curricular and Extracurricular Activities** ○ Students are motivated to actively participate in national and international events, such as technical symposiums, cultural fests, and sports meets, to foster all-around development. ○ Support is provided in the form of training, mentoring, and financial assistance (where applicable) to participate in these events.
	Workshops and Seminars by Industry Experts	4. **Workshops and Seminars by Industry Experts** ○ Regular workshops, seminars, and guest lectures are organized in collaboration with industry experts to bridge the gap between academics and industry requirements. ○ Focus is placed on emerging technologies such as Artificial Intelligence, Machine Learning, Blockchain, Internet of Things (IoT), and Cybersecurity.
	Skill Development Programs	5. **Skill Development Programs** ○ Dedicated skill enhancement programs are conducted, including soft skills training, coding marathons, and aptitude-building sessions to improve employability. ○ Certification programs and hands-on training in trending tools and technologies



Recommendations:

Criteria	Remarks
Curricular Aspects	All curriculum-related documents are verified and found satisfactory.
Teaching, Learning and Evaluation	The documents related to teaching, learning, and evaluation is authentic and verified.
Structured Feedback	Hard copies of analyzed feedback from various stakeholders have been verified
Research, Innovation and Publications	All documents related to research, innovation, and publications are verified; improvement in Scopus and SCI publications is suggested.
Collaborations and Linkages	Documents are verified; it is suggested to focus more on MoUs and related activities.
Student Progression	Student placement and higher education details are verified
Activity Conducted / Organized by the Department	It is suggested to conduct more activities across all areas.
Achievements	All supporting documents are verified and satisfactory.
General Remarks	Good

J. Pradeep 16/03/26

Name and Signature

Dr.J.Pradeep,

Professor/ECE,

Sri Manakula Vinayagar Engineering College.

(Affiliation of AAA Committee Member -1)

S. Pougajendy

Name and Signature

Dr.S.Pougajendy,

Professor/MBA,

Sri Manakula Vinayagar Engineering College

(Affiliation of AAA Committee Member -2)

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

INFORMATION TECHNOLOGY

ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year 2025-2026
Internal Audit

SECTION –1: BASIC INFORMATION

Audit Date	13.03.2026
Name of the Department	Information Technology
Year of Establishment	1999
Head of the Department	**Dr.R. Raju, Professor**
Programs Offered	Name of the Program: B.Tech (Information Technology); Approved Intake: 240
Programs Discontinued if any	
Number of full time Teachers	Professor: Available 3; Associate Professor: Available 4; Assistant Professor: Available 29 (Sanctioned / Filled: —)
Number of Technical Staff	
Number of Students	For UG -------: First Year 125 / 110 / 235; Second Year 98 / 104 / 202; Third Year 88 / 84 / 172; Fourth Year 109 / 73 / 182; Total 420 / 371 / 791 (M / F / Total). For PG ------: First Year; Second Year; Total
Faculty Student Ratio	For UG -------:1:20 / For PG ------:

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	Department follows the common academic calendar approved by the academic council and distributed through Dean Academics for the UG PG students
2	Faculty Subject Preferences	Yes	A common template is floated among the faculty members to collect their subject preferences and attached
3	Elective choices from the Students	Yes	The process of selection of courses and the supporting documents for the implementation of the process is attached
4	Course allotment to the Faculty	Yes	Course Allotted to the faculty on basis of their course preferences
5	Time Table (UG and PG)	Yes	Follows and adheres to all aspects as per AICTE and institution recommendation
6	Lesson plan for each course	**Yes**	Prepared in alignment with the academic calendar.

2.2 Curriculum/syllabus revision

S.No	Program Name	Regulation	Last Revised on
1	B.Tech	R2023	02.02.2026

Summary of changes in Curriculum/syllabus

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus
There were no Changes made in Previous curriculum/ syllabus	

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	III/V	Professional Elective – II : Software Testing	U23ITE508	172
2	IV/VII	Professional Elective – IV : Machine Learning	U20ITE716	68
3	IV/VII	Professional Elective – IV : Green Computing	U20ITCM06	114

2.4 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1	III/V	AI&DS	Open Elective – II : Introduction to Data Science	U23ADOC01	172
2	IV/VII	AI&DS	Open Elective – IV : Artificial Intelligence Applications	U20ADO706	182

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	II/III	Skill Enhancement Course - I : Technical Seminar	U23ITS301	202

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	I/I	Certification Course - I : Web Application Development (HTML, CSS, JS)	U23ITC176	235
2	II/III	Certification Course - III : Databases	U23ITC372	202
3	III/V	Certification Course V : Cyber Security	U23ITC592	172

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I/I	Induction Programme	U23ITM101	235
2	II/III	Climate Change	U23ITM303	202
3	III/V	Essence of Indian Traditional Knowledge	U23ITM505	172
4	IV/VII	Professional Ethics	U20ITM707	182

2.8 List of Add-on/Value Added/MOOC Courses conducted by the department

S.No	Year / Sem	Name of the Course	Course Code	Number of Students Registered	Number of Students Successfully Completed
Nil					

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: I/I (2025-2029)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	U23MATC01 Engineering Mathematics – I	Mrs.S.P.Lavanya Mr.M.Devanathan Mrs. S.Gokila Mrs. S.Gokila	60	60	60
2.	U23ESTC03 Basics of Electrical and Electronics Engineering	Dr.P.Meganathan Mr.I.Shivasankkar Dr.P.Meganathan Dr.S.Ganesh Kumaran	45	45	45
3.	U23CSTC01 Programming in C	Dr.T.Pradeesshma Mr.M.Venkatesh Ms.V.Keerthana Mr.R.Arun	45	45	45
4.	U23ITT101 IT Essentials	Mr.R.Arun Dr.T.Pradeesshma Mr.M.Venkatesh Ms.V.Keerthana	45	45	45
5.	U23HSTC01 Universal Human Values – II	Mrs.P.Srividdhya Mr.S.Yuvaraj Dr. Vankayala Chethan Prakash Ms.A.Preetha	30	30	30
6.	U23ENBC01 Communicative English - I	Mrs.S.Aswini Ms Vasumathi Dr. A. Velmurugan Mrs.S.Aswini	60	60	60
7.	U23ESPC01 Basics of Electrical and Electronics Engineering Laboratory	Dr.P.Meganathan Mr.I.Shivasankkar Dr.P.Meganathan Mr.I.Shivasankkar	30	30	30
8.	U23CSPC01 Programming in C Laboratory	Dr.T.Pradeesshma Mr.M.Venkatesh Ms.V.Keerthana Mr.R.Arun	30	30	30
9.	U23ESPC03 Engineering Graphics Using AutoCAD	Dr.B.Ilangovan Dr.B.Ilangovan Dr.B.Ilangovan Dr.M.Elangovan	30	30	30

Semester: II/III (2024-2028)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	U23MATC03 Probability and Statistics	Mrs. S.P. Lavanya Mrs. S. Gokila Mr.M.Devanathan	60	60	60
2.	U23CSTC04 Database Management Systems	Mr. P. Praveenkumar Mr.A. Ranjeeth Mrs.N.Kalaiselvi	45	45	45
3.	U23CSTC05 Operating Systems	Mrs. C.Vanaja Ms.A.Sowbarnika Mrs.T.Sindhuja	45	45	45
4.	U23ITT302 Automata Languages And Computation	Mrs. N. Kalaiselvi Mrs.S.Pushpavalli Mrs.K.Poornambigai	45	45	45
5.	U23ITT303 Software Engineering And Project Management	Dr. R. Raju Mr. B.Anandh Ms.L.Durgadevi	45	45	45
6.	U23ITB301 Microcontroller And Its Interfacing	Ms. R. Arthy Mrs.Vandhana Mr.R.Sivakumar	45	45	45
7.	U23MAPC01 Engineering Mathematics Laboratory	Mrs. S. P. Lavanya Mrs. S. Gokila Mr.M.Devanathan	45	45	45
8.	U23CSPC04 Database Management Laboratory	Mr. P. Praveenkumar Mr.A. Ranjeeth Mrs. N. Kalaiselvi	30	30	30
9.	U23ENPC01 General Proficiency-I	Mr. F. John Bosco	30	30	30
10.	U23CSPC04 Operating Systems Laboratory	Mrs. C. Vanaja Ms.A.Sowbarnika Mrs.T.Sindhuja	30	30	30

Semester: III/V (2023-2027)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	U23HSTC02 Research Methodology	Mr.T.Mugilan Dr. B. Ananth Dr. Puspita Dash	30	30	30
2.	U23CSTC06 Artificial Intelligence	Mrs. S. Pushpavalli Mrs. N. Nandhini Dr. N. Thilagavathi	45	45	45
3.	U23ITT506 Information and Network Security	Mr. G. Prabu Ms. L. Durgadevi Mrs.D.Poonguzhali	45	45	45
4.	U23ITT507 Data Analytics	Mrs. E. Valarmathi Mr. R. Suresh Mr. R. Vijaya Prabhu	45	45	45
5.	U23ITE508 Professional Elective II : Software Testing	Mr. D. Prabhu Dr. B. Vijaya Kumar Mr. G. Prabu	45	45	45
6.	U23ADOC01 Open Elective I : Introduction to Data Science	Mrs. S. Indira Mrs. S. Indira Mrs. V. Selvi	45	45	45
7.	U23CSPC05 Artificial Intelligence Laboratory	Mrs. S. Pushpavalli Mrs. N. Nandhini Dr. N. Thilagavathi	30	30	30
8.	U23ITP503 Information and Network Security Laboratory	Mr. G. Prabu Ms. L. Durgadevi Mrs.D.Poonguzhali	30	30	30
9.	U23ITP504 Data Analytics Laboratory	Mrs. E. Valarmathi Mr. R. Suresh Mr. R. Vijaya Prabhu	30	30	30

Semester: IV/VII (2022-2026)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	U20ITCM05 Cloud Computing	Mrs. V. Padmapriya Dr. S. Balaji Dr.R.Saravanan	45	45	45
2	U20ITCM03 Iot And Edge Computing	Mrs. M. Lakshmiprabha Mr.T.Periyasamy Mr.T.Maheshwaran	45	45	45
3	U20ITE716 Machine Learning	Dr.R.Anandkumar	45	45	45
4	U20ITCM06 Green Computing	Ms.M.Banupriya Mr.D.Prabhu	45	45	45
5	U20ADO706 Artificial Intelligence Applications	Mrs. N. Jayapratha Mrs.J.Roselin Lourd	45	45	45
6	U20HSP703 Business Basics For Entrepreneur	Ms. R. Keerthana Mr. S. Amaresh Mrs.S.S.Kayalvizhi	30	30	30
7	U20ITP712 Cloud Computing Laboratory	Mrs. V. Padmapriya Dr. S. Balaji Dr.R.Saravanan	30	30	30
8	U20ITP713 Iot And Edge Computing Laboratory	Mrs. M. Lakshmiprabha Mr.T.Periyasamy Mr.T.Maheshwaran	30	30	30

3.2 Use of ICT Tools in Teaching Learning

Semester: I/I (2025-2029)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mrs.S.P.Lavanya Mr.M.Devanathan Mrs. S.Gokila Mrs. S.Gokila	U23MATC01 Engineering Mathematics – I	PPT
2.	Dr.P.Meganathan Mr.I.Shivasankkar Dr.P.Meganathan Dr.S.Ganesh Kumaran	U23ESTC03 Basics of Electrical and Electronics Engineering	PPT
3.	Dr.T.Pradeesshma Mr.M.Venkatesh Ms.V.Keerthana Mr.R.Arun	U23CSTC01 Programming in C	PPT
4.	Mr.R.Arun Dr.T.Pradeesshma Mr.M.Venkatesh Ms.V.Keerthana	U23ITT101 IT Essentials	PPT
5.	Mrs.P.Srividdhya Mr.S.Yuvaraj Dr. Vankayala Chethan Prakash Ms.A.Preetha	U23HSTC01 Universal Human Values – II	PPT
6.	Mrs.S.Aswini Ms Vasumathi Dr. A. Velmurugan Mrs.S.Aswini	U23ENBC01 Communicative English - I	PPT
7.	Dr.P.Meganathan Mr.I.Shivasankkar Dr.P.Meganathan Mr.I.Shivasankkar	U23ESPC01 Basics of Electrical and Electronics Engineering Laboratory	MANUAL/WORKBOOK
8.	Dr.T.Pradeesshma Mr.M.Venkatesh Ms.V.Keerthana Mr.R.Arun	U23CSPC01 Programming in C Laboratory	MANUAL/WORKBOOK
9.	Dr.B.Ilangovan Dr.B.Ilangovan Dr.B.Ilangovan Dr.M.Elangovan	U23ESPC03 Engineering Graphics Using AutoCAD	MANUAL/WORKBOOK

Semester: II/III (2024-2028)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mrs. S.P. Lavanya Mrs. S. Gokila Mr.M.Devanathan	U23MATC03 Probability and Statistics	PPT/BLACK BOARD
2.	Mr. P. Praveenkumar Mr.A. Ranjeeth Mrs.N.Kalaiselvi	U23CSTC04 Database Management Systems	PPT
3.	Mrs. C.Vanaja Ms.A.Sowbarnika Mrs.T.Sindhuja	U23CSTC05 Operating Systems	PPT
4.	Mrs. N. Kalaiselvi Mrs.S.Pushpavalli Mrs.K.Poornambigai	U23ITT302 Automata Languages And Computation	PPT
5.	Dr. R. Raju Mr. B.Anandh Ms.L.Durgadevi	U23ITT303 Software Engineering And Project Management	PPT
6.	Ms. R. Arthy Mrs.Vandhana Mr.R.Sivakumar	U23ITB301 Microcontroller And Its Interfacing	PPT
7.	Mrs. S. P. Lavanya Mrs. S. Gokila Mr.M.Devanathan	U23MAPC01 Engineering Mathematics Laboratory	MANUAL/WORKBOOK
8.	Mr. P. Praveenkumar Mr.A. Ranjeeth Mrs. N. Kalaiselvi	U23CSPC04 Database Management Laboratory	MANUAL/WORKBOOK
9.	Mr. F. John Bosco	U23ENPC01 General Proficiency-I	MANUAL/WORKBOOK
10.	Mrs. C. Vanaja Ms.A.Sowbarnika Mrs.T.Sindhuja	U23CSPC04 Operating Systems Laboratory	MANUAL/WORKBOOK

Semester: III/V (2023-2027)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mr.T.Mugilan Dr. B. Ananth Dr. Puspita Dash	U23HSTC02 Research Methodology	PPT
2.	Mrs. S. Pushpavalli Mrs. N. Nandhini Dr. N. Thilagavathi	U23CSTC06 Artificial Intelligence	PPT
3.	Mr. G. Prabu Ms. L. Durgadevi Mrs.D.Poonguzhali	U23ITT506 Information and Network Security	PPT
4.	Mrs. E. Valarmathi Mr. R. Suresh Mr. R. Vijaya Prabhu	U23ITT507 Data Analytics	PPT
5.	Mr. D. Prabhu Dr. B. Vijaya Kumar Mr. G. Prabu	U23ITE508 Professional Elective II : Software Testing	PPT
6.	Mrs. S. Indira Mrs. S. Indira Mrs. V. Selvi	U23ADOC01 Open Elective I : Introduction to Data Science	PPT
7.	Mrs. S. Pushpavalli Mrs. N. Nandhini Dr. N. Thilagavathi	U23CSPC05 Artificial Intelligence Laboratory	MANUAL/WORKBOOK
8.	Mr. G. Prabu Ms. L. Durgadevi Mrs.D.Poonguzhali	U23ITP503 Information and Network Security Laboratory	MANUAL/WORKBOOK
9.	Mrs. E. Valarmathi Mr. R. Suresh Mr. R. Vijaya Prabhu	U23ITP504 Data Analytics Laboratory	MANUAL/WORKBOOK

Semester: IV/VII (2022-2026)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mrs. V. Padmapriya Dr. S. Balaji Dr.R.Saravanan	U20ITCM05 Cloud Computing	PPT
2.	Mrs. M. Lakshmiprabha Mr.T.Periyasamy Mr.T.Maheshwaran	U20ITCM03 Iot And Edge Computing	PPT
3.	Dr.R.Anandkumar	U20ITE716 Machine Learning	PPT
4.	Ms.M.Banupriya Mr.D.Prabhu	U20ITCM06 Green Computing	PPT
5.	Mrs. N. Jayapratha Mrs.J.Roselin Lourd	U20ADO706 Artificial Intelligence Applications	PPT
6.	Ms. R. Keerthana Mr. S. Amaresh Mrs.S.S.Kayalvizhi	U20HSP703 Business Basics For Entrepreneur	PPT
7.	Mrs. V. Padmapriya Dr. S. Balaji Dr.R.Saravanan	U20ITP712 Cloud Computing Laboratory	MANUAL/ WORKBOOK
8.	Mrs. M. Lakshmiprabha Mr.T.Periyasamy Mr.T.Maheshwaran	U20ITP713 Iot And Edge Computing Laboratory	MANUAL/ WORKBOOK

3.3 List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Mastering Cyber Forensics through Real World Scenarios-Reg	Dr.Suthendran.K, Professor, Kalasalingam Acadmey of Research and Education	28.06.2025	150
2	NoSQL Revolution: Leveraging MongoDB for Real-World Use Cases	Dr.M.S.Saranya,Assistant Professor, Department of AIML, Vel Teh Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi, Chennai	12.07.2025	150
3	Government funding Opportunities and Schemes for Entreprenuers	Mr.J.Thamizhanban,Technical Officer , District Industries Centre, Puducherry	08.08.2025	150
4	Technical skills for an angular Front End Developer	Mr.Sakresh.S, Angular Frontend Developer, Tata Consultancy Services, Bengaluru	09.08.2025	100
5	AI Unplugged: Understanding AI Disruption and Prompting Framework	Mr.Sanakaranand Balaradjou, Co founder & COO , Willdoo Education, Puducherry	30.09.2025	115

3.4 Activities for Slow and Advanced Learners

Semester: I/I (2025-2029)

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1.	U23MATC01 Engineering Mathematics – I	Mrs.S.P.Lavanya	Yes	8	Yes
		Mr.M.Devanathan	Yes	8	Yes
		Mrs. S.Gokila	Yes	8	Yes
		Mrs. S.Gokila	Yes	8	Yes
2.	U23ESTC03 Basics of Electrical and Electronics Engineering	Dr.P.Meganathan	Yes	8	Yes
		Mr.I.Shivasankkar	Yes	8	Yes
		Dr.P.Meganathan	Yes	8	Yes
		Dr.S.Ganesh Kumaran	Yes	8	Yes
3.	U23CSTC01 Programming in C	Dr.T.Pradeesshma	Yes	8	Yes
		Mr.M.Venkatesh	Yes	8	Yes
		Ms.V.Keerthana	Yes	8	Yes
		Mr.R.Arun	Yes	8	Yes
4.	U23ITT101 IT Essentials	Mr.R.Arun	Yes	8	Yes
		Dr.T.Pradeesshma	Yes	8	Yes
		Mr.M.Venkatesh	Yes	8	Yes
		Ms.V.Keerthana	Yes	8	Yes
5.	U23HSTC01 Universal Human Values – II	Mrs.P.Srividdhya	Yes	8	Yes
		Mr.S.Yuvaraj	Yes	8	Yes
		Dr.Vankayala Chethan Prakash	Yes	8	Yes
		Ms.A.Preetha	Yes	8	Yes
6.	U23ENBC01 Communicative English - I	Mrs.S.Aswini	Yes	8	Yes
		Ms Vasumathi	Yes	8	Yes
		Dr. A. Velmurugan	Yes	8	Yes
		Mrs.S.Aswini	Yes	8	Yes

Semester: II/III (2024-2028)

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1.	U23MATC03 Probability and Statistics	Mrs. S.P. Lavanya	Yes	8	Yes
		Mrs. S. Gokila	Yes	8	Yes
		Mr.M.Devanathan	Yes	8	Yes
2.	U23CSTC04 Database Management Systems	Mr. P. Praveenkumar	Yes	8	Yes
		Mr.A. Ranjeeth	Yes	8	Yes
		Mrs.N.Kalaiselvi	Yes	8	Yes
3.	U23CSTC05 Operating Systems	Mrs. C.Vanaja	Yes	8	Yes
		Ms.A.Sowbarnika	Yes	8	Yes
		Mrs.T.Sindhuja	Yes	8	Yes
4.	U23ITT302 Automata Languages And Computation	Mrs. N. Kalaiselvi	Yes	8	Yes
		Mrs.S.Pushpavalli	Yes	8	Yes
		Mrs.K.Poornambigai	Yes	8	Yes
5.	U23ITT303 Software Engineering And Project Management	Dr. R. Raju	Yes	8	Yes
		Mr. B.Anandh	Yes	8	Yes
		Ms.L.Durgadevi	Yes	8	Yes
6.	U23ITB301 Microcontroller And Its Interfacing	Ms. R. Arthy	Yes	8	Yes
		Mrs.Vandhana			
		Mr.R.Sivakumar			

Semester: III/V (2023-2027)

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1.	U23HSTC02 Research Methodology	Mr.T.Mugilan	Yes	8	Yes
		Dr. B. Ananth	Yes	8	Yes
		Dr. Puspita Dash	Yes	8	Yes
2.	U23CSTC06 Artificial Intelligence	Mrs. S. Pushpavalli	Yes	8	Yes
		Mrs. N. Nandhini	Yes	8	Yes
		Dr. N. Thilagavathi	Yes	8	Yes
3.	U23ITT506 Information and Network Security	Mr. G. Prabu	Yes	8	Yes
		Ms. L. Durgadevi	Yes	8	Yes
		Mrs.D.Poonguzhali	Yes	8	Yes
4.	U23ITT507 Data Analytics	Mrs. E. Valarmathi	Yes	8	Yes
		Mr. R. Suresh	Yes	8	Yes
		Mr. R. Vijaya Prabhu	Yes	8	Yes
5.	U23ITE508 Professional Elective II : Software Testing	Mr. D. Prabhu	Yes	8	Yes
		Dr. B. Vijaya Kumar	Yes	8	Yes
		Mr. G. Prabu	Yes	8	Yes
6.	U23ADOC01 Open Elective I : Introduction to Data Science	Mrs. S. Indira	Yes	8	Yes
		Mrs. S. Indira	Yes	8	Yes
		Mrs. V. Selvi	Yes	8	Yes

Semester: IV/VII (2022-2026)

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1.	U20ITCM05 Cloud Computing	Mrs. V. Padmapriya	Yes	8	Yes
		Dr. S. Balaji	Yes	8	Yes
		Dr.R.Saravanan	Yes	8	Yes
2.	U20ITCM03 Iot And Edge Computing	Mrs. M. Lakshmiprabha	Yes	8	Yes
		Mr.T.Periyasamy	Yes	8	Yes
		Mr.T.Maheshwaran	Yes	8	Yes
3.	U20ITE716 Machine Learning	Dr.R.Anandkumar	Yes	8	Yes
4.	U20ITCM06 Green Computing	Ms.M.Banupriya	Yes	8	Yes
		Mr.D.Prabhu	Yes	8	Yes
5.	U20ADO706 Artificial Intelligence Applications	Mrs. N. Jayapratha	Yes	8	Yes
		Mrs.J.Roselin Lourd	Yes	8	Yes
6.	U20HSP703 Business Basics For Entrepreneur	Ms. R. Keerthana	Yes	8	Yes
		Mr. S. Amaresh	Yes	8	Yes
		Mrs.S.S.Kayalvizhi	Yes	8	Yes
7.	U20ITP712 Cloud Computing Laboratory	Mrs. V. Padmapriya	Yes	8	Yes
		Dr. S. Balaji	Yes	8	Yes
		Dr.R.Saravanan	Yes	8	Yes
8.	U20ITP713 Iot And Edge Computing Laboratory	Mrs. M. Lakshmiprabha	Yes	8	Yes
		Mr.T.Periyasamy	Yes	8	Yes
		Mr.T.Maheshwaran	Yes	8	Yes

3.5 Counseling and Mentoring

No. of Students in Department	Number of Mentors in the Department	Mentor : Mentee Ratio
791	36	1:20

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	Yes	Mentors assigned to students remain the same until completion of the course.
2	Class wise student Profile Record Maintained.	Yes	Available and verified
3	Mentor – Mentee Session Record Maintained.	Yes	Available and verified

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous assessment examination conducted as per the academic calender	Yes	Continuous Assessment Test Record are maintained and verified
2	Is proper evaluation methods used for courses such as Employability Enhancement Courses, mandatory courses etc.,	Yes	Evaluation methods used for courses such as Employability Enhancement Courses, mandatory courses are maintained and verified
3	Details of internal marks awarded	Yes	Photo copies of the galley sheets and internal marks are maintained and verified
4	Any grievances raised in internal evaluation?	No	No

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	Feedback received from all stakeholders and has followed the procedure as per NBA requirements
2	Correlation of COs with POs and PSOs for each course available	Yes	The correlation table and justification stated has been verified and found satisfactory
3	Course Exit survey conducted	Yes	Course Exit survey conducted has been verified and found satisfactory
4	Course Outcome Attainment Calculated	Yes	**Mention the target:** **22-26 batch, the set attainment level is** **Attainment Level 1:**40% to below 50% of students secured C Grade and above. **Attainment Level 2:**50% to 60% of students secured C Grade and above. **Attainment Level 3:** above 60 % of students secured C Grade and above. • Among the 60% of students, the next levels of attainment fixed are 15% of students to secure S and

			A grade **23-27 batch, the set attainment level is** **Attainment Level 1:**40% to below 50% of students secured C Grade and above. **Attainment Level 2:**50% to 60% of students secured C Grade and above. **Attainment Level 3:** above 60 % of students secured C Grade and above. • Among the 60% of students, the next levels of attainment fixed are 18% of students to secure S and A grade **24-28 batch, the set attainment level is** **Attainment Level 1:**40% to below 50% of students secured C Grade and above. **Attainment Level 2:**50% to 60% of students secured C Grade and above. **Attainment Level 3:** above 60 % of students secured C Grade and above. • Among the 60% of students, the next levels of attainment fixed are 10% of students to secure S and A grade **25-29 batch, the set attainment level is** **Attainment Level 1:**40% to below 50% of students secured C Grade and above. **Attainment Level 2:**50% to 60% of students secured C Grade and above. **Attainment Level 3:** above 60 % of students secured C Grade and above. Among the 60% of students, the next levels of attainment fixed are 15% of students to secure S and A grade
5	Corrective Action Suggestion available for the courses where CO target is not attained	Yes	The relevant files are available and one course has been completely verified
6	Program exit survey conducted	Yes	Program exit survey conducted has been verified and found satisfactory
7	PSO and PO attainment through CO	Yes	The relevant files are available and one course has been completely verified
8	Corrective Action Suggestion available where PO target is not attained	Yes	Corrective Action Suggestion available where PO target is not attained stated has been verified and found satisfactory

3.8 Student Performance in End Semester Examination

Semester – I/I(2025-2029)

Sr. No	Particular	B.Tech	PG
1	Number of Students appeared	235	-
2	Number of All Clear Students	165	-
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	70	-
7	Passing Percentage	70%	-

Semester – II/III (2024-2028)

Sr. No	Particular	B.Tech	PG
1	Number of Students appeared	201	-
2	Number of All Clear Students	173	-
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	28	-
7	Passing Percentage	86%	-

Semester – III/V (2023-2027)

Sr. No	Particular	B.Tech	PG
1	Number of Students appeared	172	-
2	Number of All Clear Students	167	-
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	05	-
7	Passing Percentage	97%	-

Semester – IV/VII (2022-2026)

Sr. No	Particular	B.Tech	PG
1	Number of Students appeared	182	-
2	Number of All Clear Students	175	-
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	07	-
7	Passing Percentage	96%	-

3.9 Student Performance of Outgoing Students

Sr. No	Particular	UG	PG
1	Number of outgoing students	186	-
2	Number of students successfully completed the program	182	-
3	Number of students completed the program with no backlogs	110	-
4	Number of students completed the program with backlogs	72	-

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Academic expert feedback on curriculum with analysis and action taken report	Yes	15	Remedial measures were taken base on feedback
2	Employer feedback on curriculum with analysis and action taken report	Yes	20	Remedial measures were taken base on feedback
3	Teacher feedback on curriculum with analysis and action taken report	Yes	36	Remedial measures were taken base on feedback
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes		Remedial measures were taken base on feedback
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	140	Remedial measures were taken based on feedback given by the parents.
6	Alumni feedback on curriculum with analysis and action taken report	Yes	200	Remedial measures were taken based on feedback given by alumni
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	791	QCM conducted regularly and action taken report has been attached and verified.
8	Graduate (program) Exit Survey with analysis and action taken report	Yes	160	Remedial measures were taken base on feedback given by Graduates

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
1	R.Suresh	System Architecture of a Multi-Sensor Wearable Device for Breast Health Monitoring Incorporating a Quantum Dot Fluorescence Module	QMET Tech,DST,IIT Bombay	1,00,000	2 Years (Applied)

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
1	R.Suresh	Quantum Based Replenishment Of Retailstores	Human Quotient Pvt Ltd,Mumbai	Rs 13,000	6 Months

2	R.Suresh	Enhancing Security in Augmented Reality Environments	Unisys,Bangalore	Rs 30,000	9 Months
3	R.Suresh	Efficient Shipping Service Provider by Big Data Analysis integrated with Block Chain Technology	Unisys,Bangalore	Rs 30,000	9 Months
4	R.Suresh	Automated document management system With ocr and image recognition	Unisys,Bangalore	Rs 30,000	9 Months
5	R.Suresh	Continuous Bio-Authentication and Cloud based Access Monitoring System.	Sparkable Digital Solutions	Rs 8,000	3 Months

5.3 Faculty Publications (faculty-wise list)

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors
1	2025-2026	-	1	394	8	2.582

Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	Nil
Number of Publications in International Journals	1
Number of Publications in National Conferences	Nil
Number of Publications in International Conferences	65
Number of Books / Book Chapters	3
Number of Patents (Filed)	10
Number of Patents Granted	Nil
Number of Design Patents (Filed)	Nil
Number of Design Patents Granted	3

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
NIL				

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1.	Generative AI-powered multilingual ASR for seamless language-mixing transcriptions	Dr.Puspita Dash , Sruthi Babu, Logeswari Singaravel, Devadarshini Balasubramanian	Journal of Electrical Systems and Information Technology	Page No:1-16, 2314-7172, July 2025	SCIE, Web of Science (Springer)

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
NIL						

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Comprehensive Study On Voice-Enabled Semantic Grading System for Visually Impaired Students	Dr.R.Raju, Aiswarya.R , Samson Sambavi S, Rukku Kanakadas	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
2	Noise-Tolerant Bearing Fault Diagnosis Using Continuous Wavelet Transform-Enhanced Swin Transformer	Dr. R. Raju, S. G. Sreenidhi, M. Swathika V. Oviya	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
3	Early Detection and Recommendation of Autism Spectrum disorder using Reinforcement Learning	Dr. R. Raju, S Sennila, Priyadharshini S, Monisha T	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
4	A study on transparent and fundraising through Hedera hashgraph-Based Crowdfunding	Dr.R.Saravanan, V.Yogeshwaran, Pranav Jayachandran, C.Satthishvaran	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014,
5	Transformer-based cyber threat intelligence system for real time log anomaly detection and threat attribution	Dr. N Thilagavathi M Nandhitha S Aswini S Gobika	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry - 605014
6	Real time Suspicious Activity detection in Surveillance camera using YOLOv12	Dr.N.Thilagavathi, R.Kaushic, P.Suganthan, N.Sudharshan	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
7	Enhancing Security in Deepfake Detection Systems through hybrid ECDSA (ECC and DSA) cryptographic technique	Dr.N.Thilagavathi, Shriram.S, Sharan.S, Sai Poobbathy.M	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
8	A Communication Bridge Using Sign Language Detection For Hearing Impaired: A Study On Southern Region Of India	Dr. S. Balaji, Sakthivel J, Joseph Augustine J, Thanigaivelan K	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
9	Early Risk Prediction of Fibromyalgia using Symptom Lifestyle Features and Machine Learning Models	Dr. S Balaji, S. Agilavani, B. Madhumithra, Kaviya. M	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India

10	Optimized Comfort Fit for Indians: A Machine Learning Based BHA System Study	Dr.S.Balaji Elakiya R Deshma P Kaviyalakshmi P	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry - 605014
11	A Hybrid Quantum Approach to Unsupervised Image Segmentation for Detecting Breast Cancer Early	Mr. R.Suresh, Bhanuj.G, MugundhanKumar.C, Raghul.K	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
12	Survey on Early Detection of Lung Cancer using Image Processing and Quantum Annealing	Suresh R, Supha Lakshmi A, Jaya Kirthika S , Roshini S , Pavithra N	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry - 605014
13	A Hybrid Efficient net Densenet Deep Learning Framework for Automated Detection of Osteopenia and Osteoporosis	Suresh R, Supha Lakshmi A Keerthika K RajaRagavi Divya B	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry - 605014
14	Intelligent System Log Analysis for Cybersecurity: Implementing Advanced Anomaly Detection	Dr.Puspita Dash, Balaji S, Ragul S, Sriram S	IEEE International Conference on Emerging Technologies in Engineering Applications	ICETEA-2025	ISBN:979-8-3315-1485-3	Sri Manakula Vinayagar Engineering College, Puducherry
15	SymptoSense: An AI assistant with Voice Interaction and Smart Symptom Detection and Doctor-Consultation Features	Dr.Puspita Dash , Madhanraj G, Premkumar B, Agathian B	2nd IEEE International Conference on Computing and Data Science	ICCDS-2025		Rajalakshmi Engineering College, Chennai
16	Secure Digital Forensic Model with XChaCha20 Encryption on Cloud	Puspita Dash, Kavinila J, Ramya G, Mathumitha G	7th International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology	ICSISCET 2025		Madhav Institute of Technology & Science, Gwalior, India
17	Ai Powered Pneumonia Detection and Classification: An Extensive Exploration of Deep Learning And Multi-Modal Imaging Techniques	Dr. Puspita Dash, Sudharshaan VN, Manohar Singh B, Naveen D	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
18	Enhanced Cloud-Native Digital Forensic Framework using XChaCha20-Poly1305, BLAKE3, and Distributed Parallel Orchestration	Dr. Puspita Dash, Kavinila J, Ramya G, Mathumitha G	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India

19	Chronic Disease Management through Predictive Healthcare based on Multi-Agent System	Dr. Puspita Dash, Bhuvaneswari G, Harshini V, Anubhambika MG	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
20	Systematic review of post quantum digital signature algorithms with fragmentation for secure electrical vehicle communication	Mrs. N. Kalaiselvi, Samuel Immanuel J, Vinoth V, Gokul M,	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
21	A Resilient Post Quantum Key Management System for Cloud-based SaaS using CRYSTALS-Kyber and Dilithium	Mrs. N. Kalaiselvi S. Suriya Prasaad A. Jayakandhan C. Madhan	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
22	A Systematic Survey on Security Mechanisms in WiFi-Based Voice Communication: Threats, Countermeasures, Performance Trade-offs	Mrs. N. Kalaiselvi, S. Abishek Palani, M. Thilak Ragav, G. Ubandiran	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
23	Comprehensive Survey on Image Encryption Algorithms for Secure Image Transmission Using Chaotic Mapping Systems	Dr Anandkumar R Shanmugapriyan B, Arun Roshaan RJ,Pathytharan P	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
24	Lightweight Encryption for IOT devices using Fog Computing	Dr. R.Anandkumar, Saranya M , Shree Harini D , Nithya P	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
25	A Hybrid CNN and Transformer with Genetic Algorithm for Intrusion Detection in Wireless IOT devices	Dr. B.Vijayakumar, Yogini S,	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry - 605014
26	Hyper Personalized Risk Assessment for Fintech Using GEN AI	Vijayakumar B, Prasanaa Venkatesh D, Sailesh V, Ariharan A	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India

27	A Survey on Searchable Encryption Techniques with Enhanced Attribute-Based Models	Dr. B . Vijayakumar, Ashigha M, Harshavardhini G, Shobika G	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
28	Hybrid Double DQN LSTM Model for Intelligent Botnet Detection in Evolving Cyber Environments	Dr. B. Ananth, P. Sudharsanam, S. Sriprasath, S. Adithya	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014,
29	Deep learning in Medical Forensics and Neurodegeneration: A Survey on Tampered Image Detection and Alzheimer's Diagnosis	Dr.B.Ananth, Sreenand C, Shyaam L.V, Neyan M.S	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014,
30	Survey on quantum resistant dead drop communication system	Dr.B.Ananth Shivram Alias Vignesh S Pydikondala Venkata Sai Vijay Prasanth Deepak Raj R	Smart Technologies & Systems for Next Generation Computing			IFET College of Engineering, Villupuram
31	Intelligent Systems for Early Dyslexia Detection: A Machine Learning Survey	Mrs.V.Padmapriya, Janani.S, Sulekha.S, Prathisha.P.	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
32	Brainwave-Based Multi-Layer Encryption Using PQC with Time Dilation and Quantum Entanglement P	Mrs. V. Padmapriya, Sachin GP Sivasurya S Yogesh p	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
33	Software Defect Prediction using Reinforcement Learning-Based Optimization	V. Padmapriya, Kritika Ariputhari, C. Swetha, S. Vineetha	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
34	Enhancing UPI Transaction Security Using Color Pattern Authentication and Behavioral Fraud Detection	Prabu G, Nelson G, Gowtham M, Yogesh S	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014,
35	Carbon and Cooling Efficiency Scheduler For Sustainable cloud Operations	G.Prabu B Mona V Nandini M Smitha Keren	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry - 605014

36	Multimodal Emotion Recognition Using Deep Learning With Voice, Text, And Facial Expression Analysis	Mr. P.Praveenkumar, S.Yogithaa, R. Soundarya, M. Harshini	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
37	Phantom Inventory Detection in Retail Supply Chains using Federated Learning	Mr. P. PraveenKumar, Mithra. I, Sanjana. E, Preethi. K	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
38	A Comprehensive Survey on Anomaly Detection in Autonomous Vehicles with a Conceptual LOA ResNet Framework	Mrs. M. Lakshmi Prabha, Nishanth G, Saravanane T, Sarjith G	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
39	AI Based Fake Challan Detection from SMS Using Machine Learning	Mrs. M. Lakshmi Prabha, K. Balaji, B. Madhan S. Thulasiram	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
40	A Survey on Hybrid Learning-Based Anomaly Detection in IOT Networks	Mrs. M. Lakshmi Prabha, Mohamed Ibrahim R, Nithesh Kumar K , Arun Kumar M	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
41	Distinguishing Identical Twins in Biometric Systems: A Survey on Challenges and Advancements in Face Recognition	Mrs.E.Valarmathi, G.Durga, C.Poojashree, M.Swathi	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
42	An Interpretable Hybrid Model for Fraud and Threat Detection in E-commerce	Valarmathi.E, Ragul,J, Ganesh Kumar M, Surya M	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
43	A survey on Artificial intelligence and Deep learning techniques for diabetic retinopathy detection and classification.	Mrs.C.Vanaja, Harikanth R, Sabarinath A, Naveenkumar S	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
44	A Comprehensive Survey on Indoor Navigation Systems Leveraging Augumented Reality	Mrs.C.Vanaja, K. Pavan M. Harishbabu H. Nandha Gopal	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India

45	A Survey on AI-Powered Virtual Herbal Gardens: Gamification and Accessible Learning Approaches	Mr.D.Prabhu ,Saathvic.S , Arawind A.S , Kotteswaran.K	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
46	A Survey on Multimodal Deepfake Detection System D.	D Prabhu, S. Kishore Kanna R. Hemachandiran Madugula Jagadeesh	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
47	IoT-Based Intelligent Railway Safety System for Crack Detection and Collision Avoidance	Maheshwaran T, Seethaaraman D, Kaameshwaran T, Navin T	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
48	Smart Helmet for Digcrafters Using IoT	Maheshwaran T	2024 International Conference on Smart Technologies for Sustainable Development Goals	ICSTSDG		Date Added to IEEE Xplore: 17 June 2025
49	Comprehensive Survey On Adaptive Detection of Cyberbullying and Hate Speech using Natual Language Processing (NLP)	Maheshwaran T, Sreram A Karthik Charan G Mohamed Imran M	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
50	Survey on Energy-Aware Adaptive Key Generation using Genetic Algorithm and Chaotic Devices Maps for IoT Edge	T. Periyasamy, S. Nandhini, B. I. Gomugie, P. Dharani, M.Harini	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
51	Next-Generation Software Engineering: A Multi - Agent System For End-To-End SDLC Automation Using Large Language Models	Mr. Periyasamy. T Anburaj J Fyzal K Jayakrishnan B Prasanth S	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry - 605014
52	Applications of Wireless Sensor Networks in the Healthcare Sector	Mr. Periyasamy. T	: 2024 International Conference on Smart Technologies for Sustainable Development Goals	ICSTSDG		Date Added to IEEE Xplore: 17 June 2025
53	A CNN-Based Continuous Face Liveness Authentication System using Temporal Confidence Analysis	Mr. R. Vijaya Prahu, Divakar.E, Gokulnath.E, Ashwin J.C	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India

54	LoRaWAN for Smart Medical Emergency Service (EMS) Integrating with AI	Mr. Vijaya Prabhu R, Balamurugan S Pradheep R Karthikeyan K	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
55	K-Nearest Neighbors in Machine Learning: Theory, Practice, and Advances	Mr. R. Vijaya Prabhu,	2024 International Conference on Smart Technologies for Sustainable Development Goals	ICSTSDG		Date Added to IEEE Xplore: 17 June 2025
56	Zero-Shot Learning for the Classification of Low-Incidence Medical Conditions in Diagnostic Imaging .	Mr. R. Vijaya Prabhu , T. Periyasamy	6th World Conference on Artificial Intelligence: Advances and Applications	WCAIAA 2025	ISSN 2367-3370	Sardar Patel University, Mandi, i
57	Detecting and Identifying Insider Threat based on HDBSCAN Clustering Methods	Poornambigai K, Jude Lourdes J, Vignesh K, Mathivadhanan C	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
58	A Multi-Agent Context-Aware Access Control and Cryptographic Framework for Secure Cloud Based EHR Systems	Poornambigai K, Logesh S Kubendiran M Prasanna K	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
59	Decentralized Emergency Alert Transmission System Using Device-to-Device Communication	Ms. L. DurgaDevi, Gopinath A , Niitheeshwar and Gokulnath I	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
60	A Survey on Autonomous Mobile Navigation Using Multimodal Agents and Natural Language Commands	Ms. L. Durgadevi, Dinesh Kumar C, Nithish G and Shankar R S	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics (ICAISDA–2025)	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
61	Enhancing Network Intrusion Detection with Random Forest and Federated Learning Algorithms	Ms.M. Madhumitha , Karthik. M Dheeraj. A and Dashvant. S	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
62	Proactive Crowd Safety With Agentic AI and 3D Spatial Interface	Mrs. M. Madhumitha, Surya Pratap Singh.R, Sai Arjun. S, Rithish. L	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
63	Explainable Artificial Intelligence in Anomaly Detection for Threat Management in E-Commerce Platform	Ms V Keerthana Subhiksha S Dhatchayini R Shamshira S B	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry - 605014

64	AI Driven Integrated System for Churn Prediction And Dynamic Pricing	Mr.A.Ranjeeth, Aakshhaya.C, Nithyashrimahalakshmi.C, Abinaya.R	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry – 605014, India
65	AI-Powered ICU Patient Monitoring System using YOLOv8 and Streamlit	Mr. Ranjeeth A Yogapriya P Keerthi S Sengeniammal N	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics	ICAISDA–2025		Puducherry Technological University, Puducherry - 605014

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Book : Reinforcement Learning 2.0: Mastering Intelligent Decision Making	Mr.R.Vijaya Prabhu	ISBN NO: 978-93-5762-263-9 Year of Allotment of ISBN: 2025	Published by: Alpha International Publication August, 2025
2	Book Chapter : SmartSpeak Health: An LLM Driven Virtual Health Assistant With Personalized Recommendations and Geo Based Specialist Routing	Dr Puspita Dash G.Madhanraj B.Premkumar B.Agathian	ISBN13: 9798337356068 ISBN13 Softcover: 9798337356075 EISBN13: 9798337356082	Published by: IGI Global AI, Human Communication, and the Challenges of Digital Addiction Published Scientific Publishing;©2026
3	Book Chapter : Zero-Shot Learning for the Classification of Low-Incidence Medical Conditions in Diagnostic Imaging	Mr.R.Vijaya Prabhu T.Periyasamy	Lecture Notes in Networks and Systems ISBN 978-3-032-13805-7 ISSN 2367-3389 (electronic) ISBN 978-3-032-13806-4 (eBook)	Lecture Notes in Networks and Systems Springer 2025,

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	Dr. S. Balaji Dr. R. Raju Dr. R. Saravanan Dr. N. Thilagavathi Dr. Puspita dash Dr. B. Vijaya kumar Dr. Anandkumar r Mr. R. Suresh Mrs. V. Padmapriya Mrs. N. Kalaiselvi	An AI powered child monitoring and protection model	202541087485 & 15/09/2025	India	
2	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	Dr. R. Raju Dr. R. Saravanan Dr. N. Thilagavathi Dr. S. Balaji Ms. M. Madhumitha Dr. Puspita dash Dr. B. Vijaya kumar Dr. Anandkumar r Dr. B. Ananth Mrs. M. Lakshmi prabha Mrs. E. Valarmathi	Advanced pill dispenser with mobility and monitoring features	202541088429 & 17/09/2025	India	

3	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	Dr. R. Raju Dr. R. Saravanan Dr. N. Thilagavathi Dr. S. Balaji Mrs. M. Lakshmiprabha Dr. Puspita dash Dr. B. Vijaya kumar Dr. Anandkumar r Ms. L. Durgadevi Mr. T. Periyasamy	An IoT powered system for assessing liability in traffic Accidents	202541087486 & 15/09/2025	India	
4	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	Dr. R. Raju Mr. P. Praveenkumar Dr. R. Saravanan Dr. N. Thilagavathi Dr. S. Balaji Dr. Puspita dash Dr. B. Vijaya kumar Dr. Anandkumar r Mr. G. Prabu Mrs. C. Vanaja Ms. V. Keerthana	Intelligent boar intrusion detection and crop protection System	202541087484 & 15/09/2025	India	
5	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	Dr. R. Raju Dr. R. Saravanan Dr. S. Balaji Mrs. N. Kalaiselvi Dr. Puspita dash Mr. R. Suresh Dr. B. Vijaya kumar Mrs. M. Lakshmi prabha Mr. G. Prabu Mr. P.Praveenkumar	Agricultural systems using iot and swarm-based methods	202541091258 & 24/09/2025	India	
6	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	Dr. R Saravanan Dr. R. Raju Dr. N. Thilagavathi Dr. S. Balaji Dr. Puspita dash Dr. B. Vijaya kumar Dr. Anandkumar R Mr. D. Prabhu Mr. A. Ranjeeth Ms. V. Keerthana	Industrial prevention for avoiding disaster events using Iot web server	202541087529 & 15/09/2025	India	
6	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	Dr. R. Raju Dr. R. Saravanan Dr. S. Balaji Dr. Puspita dash Mrs. N. Kalaiselvi Mr. R. Suresh Mr. R. Vijaya prabhu Dr. N. Thilagavathi Mrs. M. Madhumitha Ms. A. Sowbarnika	Digital twin and mixed reality integration for optimized Boiler operations	202541083204 & 02/09/2025	India	
7	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	Dr. R. Raju Dr. R. Saravanan Dr. S. Balaji Dr. Puspita dash Mrs. N. Kalaiselvi Mr. R. Suresh Ms. L.durgadevi Poornambigai k N. Nandhini	Fisherman border security and alert system using iot and Lora technology	202541083203 & 02/09/2025	India	

8	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	Dr. R. Raju Dr. R. Saravanan Dr. N. Thilagavathi Dr. S. Balaji Mrs. N. Kalaiselvi Dr. Puspita dash Dr. B. Vijaya kumar Dr. Anandkumar r Mr. T. Maheshwaran Mr. R. Vijayaprabhu Mrs. Poornambigai	A comprehensive iot and big data framework for smart Sustainable agriculture	202541087487 & 15/09/2025	India	
9	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	Dr. S. Balaji Dr. R. Raju Dr.r. Saravanan Dr.puspita dash Dr. Anandkumar r Mrs.n. Kalaiselvi Mrs.v. Padmapriya Mrs.c. Vanaja Mrs.e.valarmathi Ms. L. Durgadevi	Worker safety system through mining operation Surveillance	202541091257 & 24/09/2025	India	

Design Patent

S.No	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No
1	475201-001	12/12/2025	Fisherman Border Security and Alert System Using IOT and Lora Technology	Dr. R. Raju Dr. S. Balaji Dr. Puspita Dash Dr. Anandkumar R Mrs. N. Kalaiselvi Mr. R. Suresh	
2	475205-001	12/12/2025	Advanced Pill Dispenser with Mobility and Monitoring Features	Dr.R.Raju Dr.R.Saravanan Dr.N.Thilagavathi Dr.S.Balaji. Ms.M.Madhumitha Dr.Puspita Dash	
3	469281-001	11/08/2025	IOT Based Solar Panel Dry Cleaning Robot	Vijaya Prabhu R T Maheshwaran T Periyasamy	

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1	NITHESH KUMAR K	Innobyte services	1 Month	01-09-2025	30-09-2025
2	Ashigha M	Unisys	2 Months	14-07-2025	30-09-2025

3	Dharani P	Unisys	2 Months	14-07-2025	12-09-2025
4	Rajaragavi.R	Innobyte Services	1 Month	01-09-2025	30-09-2025
5	Hemachandiran R	Innobytes	1 Month	01-08-2025	31-08-2025
6	S SENNILA	INNOBYTE SERVICES - FULL STACK DEVELOPER INTERNSHIP	1 Month	01-09-2025	30-09-2025
7	Jayakandhan	Flaunch Technologies	1 Month	07-10-2024	18-11-2024
8	AROUL SHEARIN A	TECHARTLANCE	3 Months	01-01-2025	31-03-2025
9	AROUL SHEARIN A	Globalen Publishing Services	1 Month	13-08-2025	30-09-2025
10	AROUL SHEARIN A	Innobyte Services	1 Month	01-08-2025	31-08-2025
11	LOGESH.S	Innobyte Services	1 Month	01-08-2025	30-08-2025
12	Pradheep R	BLUESTOCK	2 Months	01-07-2025	30-08-2025
13	Pydikondala Venkata Sai Vijay Prasanth	Innobyte Services	1 Month	01-09-2025	30-09-2025
14	Agilavani S	Techartlance	3 Months	01-01-2025	31-03-2025
15	Shree harini D	Infosys Springboard	1 Month	18-08-2025	13-10-2025
16	Pranav jayachandran	Corizo	2 Months	05-06-2025	05-08-2025
17	Shyaam L.V	Innobyte Services	1 Month	01-08-2025	30-08-2025
18	Sulekha	InnoByte Services	1 Month	10-08-2025	10-09-2025
19	Balaji K	Cognifyz Technologies	1 Month	08-09-2025	08-10-2025
20	Aiswarya R	InnoByte Services	1 Month	01-09-2025	30-09-2025
21	Shyaam L.V	Sky Energy Upgrades	6 Months	17-09-2025	17-03-2026
22	Kubendiran	Qtech Industries	2 Months	10-08-2025	10-10-2025
23	Swetha C	InnoByte Services	1 Month	01-08-2025	30-08-2025
24	Shankar RS	QREV BUSINESS SOLUTIONS PVT. LTD.	3 Months	06-06-2025	05-09-2025
25	Thilak Ragav M	Flaunch Emerging Tech Internship	1 Month	07-10-2024	18-11-2024
26	Thamimul Ansari M	FLAUNCH TECHNOLOGIES | AICTE | NEAT | 1M1B	1 Month	07-10-2024	02-11-2024
27	Priyadharshini S	Innobyte services	1 Month	10-08-2025	10-09-2025
28	Madhumithra B	Innobyte	1 Month	01-09-2025	30-09-2025
29	Ramya G	InnoByte Services	1 Month	01-09-2025	30-09-2025
30	Mathumitha G	Innobyte Services	1 Month	01-09-2025	30-09-2025
31	Bhuvaneswari G	Luumi media	3 Months	08-08-2025	08-11-2025
32	Thamimul Ansari M	FLAUNCH TECHNOLOGIES | AICTE | NEAT | 1M1B	1 Month	07-01-2025	09-02-2025
33	Ashigha M	Unisys	9 Months	14-07-2025	14-04-2026
34	Abishek Palani S	Unisys	9 Months	14-07-2025	14-04-2026
35	M.sai poobbathy	Luumi media	3 Months	08-08-2025	08-11-2025
36	Saranya M	Innobyte	1 Month	01-08-2025	25-08-2025
37	Mohamed Ibrahim	Innobyte services	1 Month	01-09-2025	30-09-2025
38	Arawind A S	Innobytes Services	1 Month	20-08-2025	20-09-2025

39	Dhatchayini.R	Innobyte Services	1 Month	01-08-2025	30-08-2025
40	J.Anburaj	Innobyte Services	1 Month	01-08-2025	20-09-2025
41	shamshira	Innobyte services	1 Month	10-08-2025	10-09-2025
42	Vineetha S	Techartlance	3 Months	01-01-2025	31-03-2025
43	Rajaragavi R	Innobyte services	1 Month	01-09-2025	30-09-2025
44	Dhivya B	Innobyte Services	1 Month	01-09-2025	30-09-2025
45	Harshini V	Innobyte services	1 Month	01-09-2025	30-09-2025
46	g ubendiran	Q tech industry	2 Months	02-08-2025	11-10-2025
47	SAILESH V	Tech Artlance	3 Months	01-01-2025	31-03-2025
48	Suganthan P	Innobyte Services	1 Month	10-08-2025	25-08-2025
49	RITHISH L	LUUMI MEDIA	3 Months	11-08-2025	11-11-2025
50	Pavan K	Zoho	#NUM!	21-07-2025	
51	Sreenand C	CORIZO	2 Months	15-06-2025	15-08-2025
52	Hemachandiran R	Innobytes	1 Month	01-08-2025	31-08-2025
53	Smitha Keren M	Innobyte Services	1 Month	01-08-2025	30-08-2025
54	Kaviya M	Innobytes Services	1 Month	01-08-2025	30-08-2025
55	Gomugie B I	Innobyte Services	1 Month	20-08-2025	20-09-2025
56	Prithikaa k	InnoByte Services	1 Month	20-08-2025	20-09-2025
57	Ganeshkumar M	Luumi media	4 Months	04-08-2025	03-12-2025
58	Mithra I	InnoByte Services	1 Month	01-08-2025	31-08-2025
59	Nithya P	InnoByte Service	1 Month	01-09-2025	30-09-2025
60	R. Deepakraj	CodSoft	1 Month	10-06-2025	10-07-2025
61	PREETHI K	INNOBYTE SOLUTIONS	1 Month	09-09-2025	09-10-2025
62	Subhiksha S	SightSpectrum Technology Solutions (P) Ltd	2 Months	04-07-2024	30-09-2025
63	Swathika M	InnoByte Services	1 Month	01-08-2025	30-08-2025
64	Kaushic R	Innobyte Services	1 Month	01-09-2025	30-09-2025
65	Pavithra N	TechArtlance	3 Months	01-01-2025	31-03-2025
66	Nandhini S	Innobyte Services	1 Month	20-08-2025	20-09-2025
67	Roshini S	InnoBytes Services	1 Month	01-09-2025	30-09-2025
68	SARAVANANE T	InternPe	1 Month	26-05-2025	22-06-2025
69	Yogeshwaran V	InnoByte Services	1 Month	20-08-2025	20-09-2025
70	Dheva Roophini S	Innobyte services	1 Month	01-08-2025	31-08-2025
71	Kritika A	Innobyte Services	1 Month	20-08-2025	20-09-2025
72	Jaya Kirthika S	InnoByte Services	1 Month	01-08-2025	30-08-2025
73	Nandini V	InnobyteServices	1 Month	01-08-2025	30-08-2025
74	NISHANTH G	Innobyte	1 Month	01-08-2025	30-08-2025
75	SANJANA E	Innobyte Services	1 Month	01-08-2025	30-08-2025
76	Thulasiram.S	cognifyZ	1 Month	01-09-2025	01-10-2025

77	S Saiarjun	CodSoft	1 Month	05-09-2025	05-10-2025
78	KAAMESHWARAN T	InternPe	1 Month	26-05-2025	22-06-2025
79	Harshavardhini G	InnoByte Services	1 Month	01-09-2025	30-09-2025
80	POOJASHREE C	MINDENIOUS EDUTECH	1 Month	09-08-2025	09-09-2025
81	NELSON G	Innobyte Services	1 Month	20-08-2025	20-09-2025
82	RAGUL J	Innobyte Services	1 Month	20-08-2025	20-09-2025
83	Navin T	InnobyteSerivces	1 Month	01-08-2025	30-08-2025
84	Prasanaa Venkatesh	InnoByte Services	1 Month	01-09-2025	30-09-2025
85	Kishore Kanna S	Innobyte Service	1 Month	01-08-2025	30-08-2025
86	MADHAN B	Innobyte Services	1 Month	20-08-2025	20-09-2025
87	ARIHARAN A	InternPe	1 Month	26-05-2025	22-06-2025
88	ARUNKUMAR.M	BLUESTOCK	2 Months	01-09-2025	30-10-2025
89	Gowtham M	Innobyte Services	1 Month	10-08-2025	05-09-2025
90	Madugula Jagadeesh	Codsoft	1 Month	05-09-2025	05-10-2025
91	Seethaaraman D	Thanjai cloud technologies	3 Months	14-08-2025	14-11-2025
92	Harishbabu M	CORIZO	1 Month	15-06-2025	08-08-2025
93	SARJITH G	CORIZO	2 Months	15-06-2025	15-08-2025
94	Kavinila J	Innobytes	1 Month	10-08-2025	10-09-2025
95	Monisha T	innobyteServices	1 Month	01-08-2025	30-08-2025
96	Neha B	Innovate services	1 Month	01-08-2025	30-08-2025
97	SURYA M	Innobyte Services	1 Month	10-08-2025	10-09-2025
98	JANANI.S.	AERIES INFORMATICS	1 Month	01-08-2025	30-08-2025
99	SWATHI. M	Internz Learn	1 Month	25-06-2025	25-07-2025
100	POOJASHREE C	MINDENIOUS EDUTECH	1 Month	09-08-2025	09-09-2025
101	SAKTHIVEL J	Innobyte Services	1 Month	01-09-2025	30-09-2025
102	Aswini.S	Innobyte Services	1 Month	10-08-2025	10-09-2025
103	S SENNILA	INNOBYTE SERVICES	1 Month	01-09-2025	30-09-2025
104	JERIN LUCIA R	Innobyte Services	1 Month	01-09-2025	30-09-2025
105	SOUNDARYA R	Internzlearn	1 Month	05-06-2025	05-07-2025
106	S SULEKHA	INNOBYTE SERVICES	1 Month	01-09-2025	30-09-2025
107	VIGNESH K	Levicent Software Technologies Private Limited	1 Month	11-07-2025	01-09-2025
108	Aswini.S	Innobyte Services	1 Month	10-08-2025	10-09-2025
109	NANDHITHA M	Innobyte Services	1 Month	10-08-2025	10-09-2025
110	Ashwin	Atharvo India Pvt. Limited	1 Month	16-06-2025	21-07-2025
111	Abinaya.R	Atharvo India Pvt. Limited	1 Month	16-06-2025	21-07-2025
112	GOBIKA S	Innobyte Services	1 Month	10-08-2025	10-09-2025
113	Neha B	InnoByte services	1 Month	01-08-2025	30-08-2025
114	PATHYTHARAN P	Levicent Software Technologies Private Limited	2 Months	16-05-2025	11-08-2025

115	Priyadharshini S	InnoByte Services	1 Month	10-08-2025	10-09-2025
116	KAVIYALAKSHMI P	PRODIGY INFOTECH	1 Month	01-06-2025	30-06-2025
117	Naveen Kumar.S	InnoByte	2 Months	01-08-2025	30-09-2025
118	Durga G	Prodigy Infotech	1 Month	01-07-2025	31-07-2025
119	Mona	Prodigy Infotech	1 Month	01-06-2025	30-06-2025
120	Vinoth.V	InnoByte Services	1 Month	01-08-2025	30-08-2025
121	Mona	Prodigy Infotech	1 Month	01-06-2025	30-06-2025
122	Gokul M	Henly Tech	1 Month	26-05-2025	07-07-2025
123	Harikanth.R	Flaunch Internship	1 Months	16-09-2024	25-10-2025
124	Balaji K	Cognifyz	1 Month	14-08-2025	14-09-2025
125	DASHVANT S	Rapid Technology and Infosolutions	3 Months	16-06-2025	16-09-2025
126	Nandhagopal. H	Prodigy Infotech	1 Month	15-08-2025	15-09-2025
127	Karthik M	Codsoft	1 Month	09-09-2025	16-09-2025
128	Aakshhaya C	PRODIGY INFOTECH	1 Month	01-07-2025	31-07-2025
129	Neyan	Cognifyz	2 Months	09-07-2025	16-09-2025
130	R.J.ArunRoshaan	AERO KNOTZ DRONES SERVICES PRIVATE LIMITED	2 Months	23-06-2025	28-08-2025
131	Sreram A	Aero Knotz Drones Services Private Limited	2 Months	23-06-2025	28-08-2025
132	Naveen D	Henly Tech	1 Month	26-05-2025	07-07-2025
133	SUDHARSANAM .P	Interpe	1 Month	23-06-2025	20-07-2025
134	Rukku kanakadas	Innobyte Services	1 Month	01-09-2025	30-09-2025
135	Monisha.T	inobytes services	1 Month	01-08-2025	31-08-2025
136	Yogapriya P	Innobytes	1 Month	01-08-2025	31-08-2025
137	Harshini M	Innobyte Services	1 Month	01-08-2025	30-08-2025
138	HARINI M	Innobyte Services	1 Month	01-08-2025	30-08-2025
139	Keerthi S	Innobytes	1 Month	01-08-2025	31-08-2025
140	Deshma.P	Prodigy InfoTech	1 Month	01-06-2025	30-06-2025
141	Elakiya Ramesh	Prodigy Infotech	1 Month	01-06-2025	30-06-2025
142	Sengeniammal N	InnoBytes	1 Month	01-08-2025	30-08-2025
143	Naraen M	Qtech industries	2 Months	10-08-2025	10-10-2025
144	Keerthika k	Eduskills Academy	2 Months	10-04-2025	12-06-2025
145	GOKULNATH E	CodSoft	1 Month	15-08-2025	15-09-2025
146	GOKULNATH E	CodSoft	1 Month	15-08-2025	15-09-2025
147	Jayakrishnan B	1M1B(1Million for 1Billion)	1 Month	07-10-2024	18-11-2024
148	KARTHIKEYAN.K	BLUESTOCK	2 Months	01-09-2025	30-10-2025
149	s.prasanth	Innobytes service	1 Month	20-08-2025	20-09-2025
150	Thilak Ragav	Flaunch Emerging Tech Internship	1 Month	07-01-2025	18-02-2025
151	Shriram	Sky Energy upgrades	6 Months	01-09-2025	01-03-2026

152	shiva parvathan	Innobyte services	1 Month	10-08-2025	10-09-2025
153	Naraen Mohandoss	Qtech industries	2 Months	10-08-2025	10-10-2025
154	Anubhambika MG	Feynn Labs Services	1 Month	01-09-2025	10-10-2025
155	Dinesh Kumar C	NUEVERA INFOTECH PRIVATE LIMITED	3 Months	01-05-2025	25-08-2025
156	Saathvic S	Nuevera Infotech Pvt Ltd	3 Months	01-05-2025	25-08-2025
157	Prasanna K	NSIC - TECHNICAL SERVICES CENTRE	1 Month	08-07-2025	15-07-2025
158	Adithya.S	COSGrid Networks	5 Months	14-07-2025	15-12-2025
159	Joseph Augustine J	Flaunch	1 Month	21-08-2024	21-09-2024
160	Naraen M	Qtech industries	2 Months	12-08-2025	10-10-2025
161	SAMSON SAMBAVI S	EduSkills Academy	2 Months	06-01-2025	10-03-2025
162	Surya Pratap Singh R	VKMG	3 Months	03-08-2025	03-11-2025
163	Shivram Alias Vignesh S	NUEVERA INFOTECH PVT LTD	3 Months	01-05-2025	28-08-2025
164	Fyzal K	Nuevera Infotech	3 Months	01-05-2025	01-08-2025
165	SIVASURYA S	CodSoft	1 Month	15-09-2025	15-10-2025
166	JUDE LOURDES.J	CodSoft	1 Month	15-09-2025	15-09-2025
167	Balamurugan	Unisys	9 Months	23-07-2025	23-04-2026
168	Suriya Prasaad S	Zoho Corporation	2 Months	21-01-2025	31-03-2025
169	Sharan S	CodSoft	1 Month	10-06-2025	10-07-2025
170	Kree	Thekssa	1 Month	16-12-2025	13-01-2026
171	Navdeep K	Hyundai MOBIS India Ltd	1 Month	05-06-2025	26-06-2025
172	Sarguru J	Forage	1 Month	01-09-2025	01-10-2025
173	ARAVINDHAN A	Katonic AI	3 Months	19-05-2025	30-08-2025
174	Madhan Kumar B	AICTE	2 Months	10-04-2025	18-06-2025
175	Ashok Kumar.S	IQ Business Advisors	1 Month	04-08-2025	19-08-2025
176	Sarguru J	Tata	1 Month	01-09-2025	01-10-2025
177	Prasanna Babu M	AICTE	2 Months	10-04-2025	18-06-2025
178	Barath Raj	TATA	1 Month	01-09-2025	01-10-2025
179	Swathini J	Atharvo India Pvt. Ltd, Bengaluru	1 Month	19-08-2025	19-09-2025
180	Prassannakumar S	AICTE	2 Months	10-04-2025	18-06-2025
181	Justine	AICTE AI ML Virtual Internship	1 Month	25-09-2023	25-10-2023
182	Abdur Rehman	IQ Business Advisor	1 Month	04-08-2025	19-08-2025
183	A.Arunthamizh	TATA Forage	1 Month	09-09-2025	30-09-2025
184	Balaji M	IQ Business Advisors	1 Month	04-08-2025	19-08-2025
185	Kabilan	GOOGLE AI-ML VIRTUAL INTERNSHIP	2 Months	11-01-2025	15-03-2025
186	N.Goutham	AppXperts	1 Month	07-07-2025	12-07-2025
187	Guhan S	IQ Business Advisors	1 Month	04-08-2025	19-08-2025
188	Leona.P	CodSoft	10 Months	16-12-2004	31-10-2025

189	Sharmilaa R	American axle manufacturing India	1 Month	20-08-2025	12-09-2025
190	Prethebha M	MulticoreWare	5 Months	01-01-2025	31-05-2025
191	Deepa I	American Axle & Manufacturing	1 Month	20-08-2025	12-09-2025
192	Sharan S	AICTE	2 Months	10-04-2025	10-06-2025
193	Rahul G	Kore.ai	7 Months	01-11-2023	31-05-2025
194	A.Arunthamizh	TATA Forage	1 Month	01-09-2025	30-09-2025
195	A.Arunthamizh	TATA Forage	1 Month	01-09-2025	30-09-2025
196	Kishore.L	Govt(AICTE)	2 Months	01-01-2025	15-03-2025
197	Srimathi	AICTE Eduskills Foundation	3 Months	01-04-2025	30-06-2025
198	S.Deebikaasri	AICTE	3 Months	08-04-2024	22-07-2024
199	Dhivya S	AICTE	3 Months	08-04-2024	27-07-2024
200	Srimathi R	Zitrino Innovative Solutions Private limited	2 Months	02-12-2025	12-02-2026
201	Praveena P	AICTE	2 Months	20-01-2026	20-03-2026
202	Harikrishnan A	Tata Consultancy Service	2 Months	04-06-2025	01-08-2025
203	Abiram.N	BlockseBlock	1 Month	01-06-2025	15-07-2025
204	Sudeshnaa P	ApexPlanet	2 Months	21-12-2025	18-02-2026
205	Tejaswini G	Govt(AICTE)	2 Months	14-04-2025	14-06-2025
206	Mukesh S	AICTE / 1M1B	1 Month	07-10-2024	02-11-2024
207	Venkat Narayanan S	Petrichor Techlutions Pvt Ltd	4 Months	11-07-2025	26-11-2025
208	Niranjanna	Rinex technology	1 Month	25-11-2023	25-12-2023
209	SANGEETHA R	AICTE	1 Month	10-04-2025	10-05-2025
210	Sowmmya G	Cognifyz Technologies	1 Month	20-12-2025	20-01-2026
211	HASHVANTHA M	Henly tech	1 Month	26-02-2025	07-03-2025
212	Tharanidharane V	DevTechAi.Org	2 Months	20-06-2025	08-09-2025
213	R VISHAL	Ethical Hacking Virtual Internship by AICTE	2 Months	07-07-2025	08-09-2025
214	Sathyasri S	Cognifyz Technologies	1 Month	20-12-2025	20-01-2026
215	Shanmathy M	Cognifyz Technologies	1 Month	20-12-2025	20-01-2026
216	Selvarathinam G	DevTechAI.org	2 Months	20-06-2025	08-09-2025
217	Rogesh S	AICTE	1 Month	09-09-2025	07-10-2025
218	Thaveensri C	Toast2Host	12 Months	01-06-2025	31-05-2027
219	Sathishvaran E	AICTE - EduSkills Virtual Internship	3 Months	01-07-2025	30-09-2025
220	G Jerrick Austin Manuel	AICTE – EduSkills (India Edu Program) Supported by Google for Developers	2 Months	01-01-2025	01-03-2025
221	Prassitha C	Webstack Academy	1 Month	15-12-2025	15-01-2026
222	Prassitha C	Codsoft	1 Month	15-12-2025	15-01-2026
223	DHANALAKSHMI S	EDUNET FOUNDATION(IBM SKILLSBUILD) - Artificial Intelligence and Cloud Technology	1 Month	09-09-2025	07-10-2025
224	Prassitha C	VaultOfCodes	1 Month	05-09-2025	05-10-2025

225	HARLEEN KAUR	EDUNET FOUNDATION(IBM SKILLSBUILD) - Artificial Intelligence and Cloud Technology	1 Month	09-09-2025	07-10-2025
226	Subeshan Cobalakirouchenin	AICTE	2 Months	03-07-2025	04-09-2025
227	Shyam Sundar	AICTE EduSkills/Palo Alto	1 Month	22-04-2024	07-06-2024
228	SWETHA S	Cognifyz Technologies	1 Month	20-12-2025	20-01-2026
229	Dommeti Praveen Satya Prakash	Technosprint Info Solutions	3 Months	08-12-2024	20-03-2026
230	SARANYA V	The Developer Arena	2 Months	10-12-2025	04-03-2026
231	Ragul SJ	FLAUNCH-1M1B	1 Month	10-09-2024	25-10-2024
232	Abiyshek	Flaunch	1 Month	10-09-2024	25-10-2024
233	Thurika R	Zaalima Development Pvt.Ltd	2 Months	25-12-2025	25-02-2026
234	Selvavarshini M	Zaalima development	2 Months	25-12-2025	25-02-2026
235	Tarun S	Zaalima Development pvt limited	2 Months	26-12-2025	26-02-2025
236	Mohammed Faisar A	1M1B - Flaunch	1 Month	07-10-2024	02-11-2024
237	NISHITA C	VaultOfCodes	1 Month	05-10-2025	05-11-2025
238	Asma Begam M	CodSoft	1 Month	10-07-2025	10-08-2025
239	Shifa.A	AICTE-Cybersecurity Virtual Internship	2 Months	01-04-2024	01-06-2024
240	SHIFA.A	AICTE-Data Analytics Process Automation Virtual Internship	2 Months	01-01-2025	01-03-2025
241	SHIFA.A	AICTE-AI-ML Virtual Internship	2 Months	01-10-2024	01-12-2024
242	SHIFA.A	AICTE-Business Analyst Virtual Internship	2 Months	04-04-2025	26-06-2025
243	Vaishnavi.A	Apex Planet	1 Month	25-12-2025	03-02-2026
244	POOVENDHAN D	AICTE /EduSkills / PALO ALTO	2 Months	05-07-2025	10-09-2025
245	KAVINDRAN K	AICTE / EduSkills /PALO ALTO	2 Months	10-07-2025	25-09-2025

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
Nil				

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1.	STEM Land, Puducherry	11/10/2025	First Year	220

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	Enbott U72900TN2022PTC156494 307, 3F- Akshaya HQ OMR - Chennai-603103	12-10-2025		2 Years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	132
Number of Students opted Higher Studies	07
Number of Entrepreneur	Nil

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	MUGUNDHANKUMAR.C	Alison	12LPA
2	Balamurugan	Unisys	9 LPA
3	BHANUJ.G	Unisys	9 LPA
4	Abishek Palani S	Unisys	9 LPA
5	ASHIGHA M	Unisys	9 LPA
6	Ashigha M	Unisys	9 LPA
7	BHANUJ G	Unisys	9 LPA
8	Shobika G	Unisys	9 LPA
9	Abishek Palani S	Unisys	9 LPA
10	PAVAN K	Zoho	8.4 LPA
11	Dharani P	Codeyoung	8.36 LPA
12	Aroul Shearin	Codeyoung	8.36 LPA
13	AROUL SHEARIN A	Codeyoung	8.36 LPA
14	DHARANI P	Codeyoung	8.36 LPA
15	Nandhini S	TCS Digital	7.09 LPA
16	Gomugie B I	TCS Digital	7.09 LPA
17	Yogithaa S	TCS Digital	7.09 LPA
18	Swetha Cadiressane	TCS Digital	7.09 LPA
19	Anubhambika M G	TCS Digital	7.09 LPA
20	Sreram A	TCS Digital	7.09 LPA
21	Ragul J	TCS Digital	7.09 LPA
22	Shivram Vignesh	TCS Digital	7.09 LPA
23	Monisha T	TCS DIGITAL	7 LPA
24	Banuj	TCS DIGITAL	7 LPA
25	Fyzal K	Cognizant GENC NEXT	6.75 LPA
26	Suganthan P	Cognizant GENC NEXT	6.75 LPA
27	Kaushic R	Cognizant GENC NEXT	6.75 LPA
28	Shree Harini D	Cognizant GENC NEXT	6.75 LPA
29	Dhatchayini R	Cognizant GENC NEXT	6.75 LPA
30	Agilavani	Cognizant GENC NEXT	6.75 LPA
31	Sennila S	Cognizant GENC NEXT	6.75 LPA
32	Subhisha S	Kaar Tech	5.43 LPA

33	Subhiksha S	Societe Generale	5.43 LPA
34	GOPINATH.A	Sparkable Digital Solutions	4.5 LPA
35	Kotteswaran K	Cognizant	4LPA
36	Balaji K	Cognizant	4LPA
37	Mohamed Ibrahim R	Cognizant	4LPA
38	Jayakrishnan B	Cognizant	4LPA
39	Sudharshaan VN	Cognizant	4LPA
40	Roshini S	Cognizant	4LPA
41	Oviya V	Cognizant	4LPA
42	Neha B	Cognizant	4LPA
43	Swetha C	Cognizant	4LPA
44	Aiswarya R	Cognizant GENC	4LPA
45	Keerthika K	Cognizant GENC	4LPA
46	Nelson G	Cognizant GENC	4LPA
47	Shriram S	Cognizant GENC	4LPA
48	Saathvic S	Cognizant GENC	4LPA
49	Suriya Prasaad S	Cognizant GENC	4LPA
50	Gopinath A	Cognizant GENC	4LPA
51	Pavithra N	Cognizant GENC	4LPA
52	Preethi K	Cognizant GENC	4LPA
53	Mithra I	Cognizant GENC	4LPA
54	Harshavardhini G	Cognizant GENC	4LPA
55	Aakshhaya C	Cognizant GENC	4LPA
56	Sulekha S	Cognizant GENC	4LPA
57	Bhuvaneswari G	Cognizant	4LPA
58	Fyzal K	Hexaware	4LPA
59	Saathvic S	Hexaware	4LPA
60	Shriram S	Hexaware	4LPA
61	Shivram @ Vignesh	Hexaware	4LPA
62	Gomugie B I	Hexaware	4LPA
63	Agilavani S	Hexaware	4LPA
64	Durga G	Hexaware	4LPA
65	Nandhini S	Hexaware	4LPA
66	Vineetha S	Hexaware	4LPA
67	Kavinila J	Hexaware	4LPA
68	Yogithaa S	Hexaware	4LPA
69	Yogini S	Hexaware	4LPA
70	Nithyashrimahalakshmi C	Hexaware	4LPA
71	AISWARYA R	HEXAWARE	4LPA

72	Shivram Alias Vignesh	Zoho	4LPA
73	Shivram Alias Vignesh	ZOHO	4LPA
74	Suriya Prasaad S	ZOHO	4LPA
75	Adithya S	COSGRID	3.6 LPA
76	SHANMUGAPRIYAN B	TCS	3.46 LPA
77	NANDHITHA. M	TCS - NINJA	3.46 LPA
78	Shankar Rs	TCS Ninja	3.46 LPA
79	Thamimul Ansari	TCS Ninja	3.46 LPA
80	Sharan S	TCS Ninja	3.46 LPA
81	Saathvic S	TCS Ninja	3.46 LPA
82	Pranav J	TCS Ninja	3.46 LPA
83	Shanmugapriyan	TCS Ninja	3.46 LPA
84	Suriya Prasaad	TCS Ninja	3.46 LPA
85	Nelson G	TCS Ninja	3.46 LPA
86	Sailesh V	TCS Ninja	3.46 LPA
87	Swathika M	TCS Ninja	3.46 LPA
88	J Kavinila	TCS Ninja	3.46 LPA
89	Nandhitha M	TCS Ninja	3.46 LPA
90	Neha B	TCS Ninja	3.46 LPA
91	Keerthi S	TCS Ninja	3.46 LPA
92	Vineetha S	TCS Ninja	3.46 LPA
93	Aroul A	TCS Ninja	3.46 LPA
94	PRADHEEP.R	Tata Caratlane	3.14 LPA
95	SREENAND C	TATA CARATLANE	3.14 LPA
96	Pradheep R	CaratLane	3.12 LPA
97	Sreenand C	CaratLane	3.12 LPA
98	Vinoth V	CaratLane	3.12 LPA
99	Pradheep R	CaratLane	3.12 LPA
100	Vinoth V	CaratLane	3.12 LPA
101	Madhan	Charles Ace media	3 LPA
102	Neyan	Charles Ace Media	3 LPA
103	SHIVA PARVATHAN	Sutherland	3 LPA
104	Shriram S	Sky Energy Upgrades	2.5 LPA
105	Sudharshaan VN	Levicent Software Technologies Pvt Ltd	2.4 LPA
106	RITHISH L	Luumi media	2.3 LPA
107	Saipoobbathy M	Luumi media	2.3 LPA
108	Dinesh Kumar	Flaunch Internship	1.5 LPA
109	Shyaam L.V	InnoByte	1.5 LPA

110	POOJASHREE C	Q- Spider	1.5 LPA
111	PRANAV JAYACHANDRAN	Q- Spider	1.5 LPA
112	MonishaT	Q- Spider	1.5 LPA
113	Dheeraj	Q- Spider	1.5 LPA
114	Agilavani S	Techartlance	1.5 LPA
115	Sailesh V	Techartlance	1.5 LPA
116	Aroul Shearin	Techartlance	1.5 LPA
117	Pavithra N	Techartlance	1.5 LPA
118	Seetharaman D	Techartlance	1.5 LPA
119	Dinesh Kumar	Flaunch Internship	1.5 LPA
120	Gopinath A	Techartlance	1.5 LPA
121	Vineetha S	Techartlance	1.5 LPA
122	Agilavani S	Techartlance	1.5 LPA
123	Sailesh V	Techartlance	1.5 LPA
124	Aroul Shearin	Techartlance	1.5 LPA
125	Pavithra N	Techartlance	1.5 LPA
126	Seetharaman D	Techartlance	1.5 LPA
127	Oviya V	Flaunch	1.5 LPA
128	Neha B	Flaunch	1.5 LPA
129	Swetha C	Flaunch	1.5 LPA
130	Shankar Rs	Flaunch	1.5 LPA
131	Thamimul Ansari	Flaunch	1.5 LPA
132	Sharan S	Flaunch	1.5 LPA

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1.	NANDANA K P	Presidency University, Banglore	M.TECH CSE
2.	ISABEL L	EPITA, Paris, France	M.sc Software engineering
3.	KEERTHANA B	Pondicherry University,Pondy	MBA
4.	ROGIND C	Vels Institute Of Science,Technology And Advanced Studies,Chennai	MBA
5.	KIRAN KUMAR.G	Ecole Supérieure d'Ingénieurs Léonard de Vinci (ESILV) Paris, France	Master's in Data Engineering and Artificial Intelligence
6.	MOHAMMED HANIZ . M	EPITA, Paris, France	Master of Science in Computer Science - Data Science and Analytics
7.	RITHIGA V	Ecole Supérieure d'Ingénieurs Léonard de Vinci (ESILV) Paris, France	

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
Nil				

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1	Seminar on Introduction and Applications of MongoDB in Modern Data Management	Department	12.07.2025	State	60
2	Group Discussion on The Role of AI Among Gen -Z and Millennial	Department	04.08.2025	State	55
3	Seminar on Advanced Web Development: Emerging Technologies and Best Practices	IEI	12.08.2025	National	200
4	Seminar on Startup Launchpad: Entry Strategies and Funding Sources	Department	21.08.2025	State	120
5	Lecture on Technical skills for an Angular Front End Developer	Department	09.08.2025	State	60
6	Technical Presentation on Tableau a data visualization and business intelligence (BI) Tool	Department	11.08.2025	State	90
7	Technical Presentation on Microservices Architecture	Department	22.12.25	State	90
8	Lecture on Data Engineering	Department	27.12.25	State	110
9	Introduction to generative AI studio	Department	03.08.2025	State	30
10	Google Cloud Workshop: Build AI App With google Gemini and firebase	College	23.11.2025	International	30

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized by	Date of Event	Level (State / National / International)	No. of Participants
1	Artificial Intelligence in Teaching, Learning and Research	Department of IT	18.11.2025 - 22.11.2025	National	35

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S. No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1.	Surya Pratap Singh	Horizon Beyond Hacks 2025 hackathon	SRM Institute of Science and Technology.	Second Prize
2.	Shriram	Horizon Beyond Hacks 2025 hackathon	SRM Institute of Science and Technology.	Second Prize
3.	Rajaaditya	Google Arcade Program	Google	Completed
4.	Sakthi Prakash	Google Arcade Program	Google	Completed
5.	Kirthidass	Google Arcade Program	Google	Completed
6.	Nidhin	Google Arcade Program	Google	Completed
7.	Rubi	Google Arcade Program	Google	Completed
8.	Ruba	Google Arcade Program	Google	Completed
9.	Ameera	Google Arcade Program	Google	Completed
10.	Ameera	e1 Testathon 2025	Human Quotient Private Limited,Mumbai.	1st Rank
11.	Eniya A	e1 Testathon 2025	Human Quotient Private Limited,Mumbai.	3rd Rank
12.	Dharoun	Thanjavur International Chess Championship2025		2nd prize
13.	Dharoun	2nd OPEN FIDE Rapid Rating Chess Tournament		3rd prize
14.	Divakar E	Hackerrupt '26 ,National Level 24-hour Hackathon		First Place
15.	Senaaravichandran A	Impact X 3.0 – National Level Hackathon,	St. Joseph's College of Engineering,	Second Prize
16.	Abiyshek S	Impact X 3.0 – National Level Hackathon,	St. Joseph's College of Engineering,	Second Prize
17.	Tharanidharane V	Impact X 3.0 – National Level Hackathon,	St. Joseph's College of Engineering,	Second Prize
18.	Nidhin S	Impact X 3.0 – National Level Hackathon,	St. Joseph's College of Engineering,	Second Prize
19.	Mahalakshmi B	technical workshop	AWS cloud club	participated
20.	Shylu S	technical workshop	AWS cloud club	participated
21.	Pooja J	Classical Dance	SMV celestia	second prize
22.	Pooja J	AWS Academy Graduate	AWS academy	completion
23.	Shylu S	AWS Academy Graduate	AWS academy	completion
24.	Sriram	AWS Academy Graduate	AWS academy	completion
25.	Pooja J	Cyber job simulation certificate	Deloitte	completion
26.	Shir Sakthie	.NET skill test	Scholartest	completion
27.	Ranjitha M	infosys springboard (python for data science)	Infosys	completion

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1.	Dr.R.Raju	Board Chairman
2.	Dr.S.Balaji	Chief Examiner

3.	Dr.N.Thilagavathi	Question Paper Setter
4.	Mrs.N.Kalaiselvi	Question Paper Setter
5.	Mr.G.Prabu	Question Paper Setter

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1.	Mrs. N. Kalaiselvi	International Journal of Reconfigurable and Embedded Systems (IJRES)
2.	Dr. Puspita Dash	Pattern Recognition
3.	Mr.G.Prabu	International Journal of Science, Engineering and Technology (IJSET)

9.4 Awards / Prizes and Recognition received by teachers at University, State, National and International level

S.No	Name of the Faculty	Name of Awards / Recognition
1.	Mr. R. Suresh	Chanakya Fellowship
2.	Mr. R. Suresh	Virtusa Best Mentor Award
3.	Mr. R. Suresh	Unisys Best Mentor Award

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	Dr. R. Raju	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		55th ISTE International Annual Faculty Convention	Sri Manakula Vinayagar Engineering College	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
2.	Dr. N. Thilagavathi	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		55th ISTE International Annual Faculty Convention	Sri Manakula Vinayagar Engineering College	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
3.	Dr. S. Balaji	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		55th ISTE International Annual Faculty Convention	Sri Manakula Vinayagar Engineering College	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day

4.	Mr. R. Suresh	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		55th ISTE International Annual Faculty Convention	Sri Manakula Vinayagar Engineering College	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
		Advances in Deep Learning for Medical Imaging and Disease Diagnosis (DL-MIDD 2025)	Sambalpur University Institute of Information Technology	6 Days
5.	Dr. Puspita Dash	IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA-2025)	Sri Manakula Vinayagar Engineering College	2 Days
		2nd IEEE International Conference on Computing and Data Science (ICCDS-2025)	Rajalakshmi Engineering College	2 Days
		7th International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET 2025)	Madhav Institute of Technology & Science	2 Days
		Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
		Role of Artificial Intelligence and Machine Learning in Smart Grids	indian institute of technology patna	6 Days
		Blockchain and machine learning algorithms in health care	visvesvaraya college of engineering and technology	6 Days
		Future Perspectives of Natural Language Information Interpretation & Representation	Jaypee University Of Engineering And Technology Guna	6 Days
6.	Mrs. N. Kalaiselvi	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		55th ISTE International Annual Faculty Convention	Sri Manakula Vinayagar Engineering College	2 Days
		6-Days National Level Workshop on Think, Generate, Transform: A Workshop on Generative AI Creativity	SRM Institute of Science and Technology, Kattankulathur	6 Days

		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
		Quantum Cryptography Enabled Autonomous Underwater Vehicles	N.B.K.R.Institute Of Science & Technology	6 Days
		Cyber Security and Privacy	NPTEL-AICTE	12 Weeks
7.	Dr Anandkumar R	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
		Defensive AI: Deep Learning in Cyber Security	Anand Institute of Higher Technology	6 Days
		Demystifying Transformers: The Brains Behind Generative AI	Vellore Institute of Technology	6 Days
8.	Dr. B.Vijayakumar	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		55th ISTE International Annual Faculty Convention	Sri Manakula Vinayagar Engineering College	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
9.	Dr. B. Ananth	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		IEEE – International Conference on Smart Technologies & System for Next Generation Computing (ICSTSN 2025) – Fourth Edition	IFET College of Engineering	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
		Demystifying Transformers: The Brains Behind Generative AI	Vellore Institute of Technology	6 Days
10.	Mrs.V.Padmapriya	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day

11.	Mr. G. Prabu	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		55th ISTE International Annual Faculty Convention	Sri Manakula Vinayagar Engineering College	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
		AICTE Training And Learning (ATAL)Academy Faculty Development Program on Secure and Explainable Generative AI for Medical IoT Data Analytics	National Institute of Technology, Puducherry	6 Days
		AICTE Training And Learning (ATAL) Academy Faculty Development Program on Cyber Security & Applications	Vellore Institute of Technology, Andra Pradesh	6 Days
		Aicte training and learning (atal) academy faculty development program on ai-driven solutions for sustainable Development: a faculty development perspective	K. Ramakrishnan college of engineering	6 Days
		AICTE Training And Learning (ATAL) Academy Faculty Development Program on Cutting Edge Advances in Artificial Intelligence and Data science	C.Abdul Hakeem College Of Engineering & Technology	6 Days
		AICTE Training And Learning (ATAL)Academy Faculty Development Program on Artificial Intelligence for Environmental Sustainability and Disaster Resilience	University College Of Engineering, Dindugul	6 Days
		AICTE Training And Learning (ATAL) Academy Faculty Development Program on Explainable AI (XAI): A Deep Dive into AI Transparency and Interpretability.	VIT Bhopal University	6 Days
		AICTE Training And Learning (ATAL)Academy Faculty Development Program on Optimizing Next-Gen Computing for Smart System Development	National Institute of Technology Warangal	6 Days
12.	Mr. P.Praveenkumar	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
		Developing Future-Ready Educators for the NEP 2020 Vision	Vet Institute Of Arts And Science Co Education College	6 Days
		MACHINE LEARNING IN ROBOTICS: SHAPING THE FUTURE OF DIGITAL ADVANCEMENTS	Tagore Institute Of Engineering And Technology	6 Days
13.	Mrs. M. Lakshmi Prabha	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		55th ISTE International Annual Faculty Convention	Sri Manakula Vinayagar	2 Days

			Engineering College	
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
14.	Mrs. E. Valarmathi	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
15.	Mrs. C. Vanaja	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
		Quantum Cryptography Enabled Autonomous Underwater Vehicles	N.B.K.R.Institute Of Science & Technology	6 Days
16.	Mr. D. Prabhu	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
		Design Thinking for HEI towards Education 5.O	NEHRU COLLEGE OF MANAGEMENT	6 Days
		Quantum Computing and its applications in recent domains	South Asian University	6 Days
17.	Mr. Maheshwaran T	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
		Ethical Hacking	NPTEL-AICTE	12 Weeks
18.	Mr. T. Periyasamy	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day

		Defensive AI: Deep Learning in Cyber Security	Anand Institute of Higher Technology	6 Days
		Demystifying Transformers: The Brains Behind Generative AI	Vellore Institute of Technology	6 Days
19.	Mr. R. Vijaya Prahu	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		55th ISTE International Annual Faculty Convention	Sri Manakula Vinayagar Engineering College	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
		Defensive AI: Deep Learning in Cyber Security	Anand Institute of Higher Technology	6 Days
20.	Mrs. Poornambigai K	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
21.	Ms. L. DurgaDevi	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
22.	Mrs. M. Madhumitha	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
23.	Ms V Keerthana	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
24.	Mr. A. Ranjeeth	Proceedings of International Conference on Artificial Intelligence and Secure Data Analytics(ICAISDA–2025)	Puducherry Technological University	2 Days
		IEEE – International Conference on Smart Technologies & System for Next Generation Computing (ICSTSN 2025) – Fourth Edition	IFET College of Engineering	2 Days

		6th International Conference on Smart Electronics and Communication (ICOSEC 2025)	Kongunadu College of Engineering and Technology	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day
		Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL-AICTE	12 Weeks
25.	Dr. T. Pradeesshma	55th ISTE International Annual Faculty Convention	Sri Manakula Vinayagar Engineering College	2 Days
		One-Day seminar on Advanced Web Development: Emerging Technologies and Best Practices	The Institution of Engineers (India) Puducherry State Centre	1 Day

9.6 Best Practices followed by the Department.

S.No	Best Practice	Description
1	Best Practices for Academic Excellence and Student Development	The department adopts various academic initiatives to enhance the quality of teaching and learning. Faculty members implement innovative teaching methods such as project-based learning, coding challenges, seminars, and interactive sessions. Continuous assessment, mentoring, and skill development activities help students improve their academic performance, critical thinking, and overall personality development.
2	Industry-Oriented Skill Development for IT Students through Training, Projects, and Industry Interaction	The department focuses on bridging the gap between academic learning and industry requirements by organizing industry-oriented training programs, workshops, internships, and real-time projects. Guest lectures and technical sessions by industry experts help students gain practical knowledge and exposure to current technologies, thereby improving their employability and professional skills.

9.7 List three distinguished alumni of the department from the recent passes-out batch.

S.No	Name of the Alumni	Contact Details
1.	Mr.P.Naresh	8825564618
2.	Mr.N.Ravi Kiran	9597573563
3.	Mr.R.Aravindhan	6379319612

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Recommendations:

Criteria	Remarks
Curricular Aspects	All relevant documents are verified
Teaching, Learning and Evaluation	All relevant documents are verified
Structured Feedback	All relevant documents are verified
Research, Innovation and Publications	Priority to be given for Funding Projects, Journals and Importance to be given for Grant Patent
Collaborations and Linkages	All relevant documents are verified
Student Progression	All relevant documents are verified
Activity Conducted / Organized by the Department	A minimum of 2 FDP/Workshop/STTP per semester to be conducted
Achievements	All relevant documents are verified
General Remarks	All the documents are arranged properly and maintained

Dr.K.Naveen Kumar
Associate Professor
Department of Instrumentation and Control Engineering
Sri Manakula Vinayagar Engineering College

Dr.N.Pazhaniraja
Associate Professor
Department of Computer Science and Engineering
Sri Manakula Vinayagar Engineering College

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

MECHANICAL ENGINEERING

ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENTS
Academic Year 2025-26 (ODD SEMESTER)
Internal/External Audit

SECTION –1: BASIC INFORMATION

Audit Date	13.03.2026
Name of the Department	Mechanical Engineering
Year of Establishment	2008
Head of the Department	Dr.K.Hemalatha
Programs Offered	Name of the Program: Approved Intake B.Tech Mechanical Engineering: 180 M.Tech Manufacturing Engineering: 24 Ph.D Mechanical Engineering: Tentative
Programs Discontinued if any	NIL
Number of full time Teachers	Designation / Available / Sanctioned / Filled Professor: 7 / 4 / 7 Associate Professor: 10 / 9 / 10 Assistant Professor: 23 / 21 / 25
Number of Technical Staff	
Number of Students	For UG -------: Year / M / F / Total First Year: 105 / 5 / 110 Second Year: 100 / 1 / 101 Third Year: 81 / - / 81 Fourth Year: 84 / 5 / 89 Total: 370 / 11 / 381 For PG ------: Year / M / F / Total First Year: 1 / - / 1 Second Year: 1 / 1 / 2 Total: 2 / 1 / 3
Faculty Student Ratio	1:20

SECTION –2: CURRICULAR ASPECTS

Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	**Yes**	
2	Faculty Subject Preferences	**Yes**	
3	Elective choices from the students	**Yes**	
4	Course allotment to the faculty	**Yes**	

5	Time Table (UG and PG)	**Yes**	
6	Lesson plan for each course	**Yes**	

Curriculum/syllabus revision

S.No	Program Name	Regulation	Last Revised on
1	B.Tech	R23 & R20	2023 - 2024
2	M.Tech	R23	2023 - 2024
3	Ph.D	R23 & R20	2023 - 2024

Summary of changes in Curriculum/syllabus:

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus
• Skill Development Courses • Mandatory Courses • Certification Courses • More Elective Courses	• Design Thinking and Idea Lab • Programming in Python Laboratory • Engineering Mathematics Laboratory • Analysis and Simulation Laboratory • Honors degree • Micro Project • Mini Project

List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	III / V	PE II: Green Manufacturing	U23MEE507	40
2	III / V	PE II: IoT and Smart Manufacturing	U23MEE509	41
4	IV / VII	PE IV: Advanced Welding Technology	U20MEE717	45
5	IV / VII	PE IV: Nano Technology	U20MEE719	44

2.4 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1	IV/VII	**MCRT**	Automation in Manufacturing Systems	U20MCO703	89
2	III/V	**ECE**	Consumer Electronics	U20ECO402	40
3	III/V	**CIVIL**	Energy and Environment	U20CEO401	41

2.5ist of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	II / III	SDC 1:Two wheeler Troubleshooting	U23MES301	101

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	I / I	Python Programming	U23MEC175	110
2	II / III	CATIA	U23MEC339	101
3	III / V	Solid Works	U20MEC582	81

List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I / I	Induction Programme	U23MEM101	110
2	II / III	Climate Change	U23MEM303	101
3	III / V	Essence of Indian Traditional Knowledge	U23MEM505	81

List of Add-on/Value Added/MOOC Courses conducted by the department

S.No	Year / Sem	Name of the Course	Course Code	Number of Students Registered	Number of Students Successfully Completed
-	-	-	-	-	-

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: I

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Engineering Mathematics - I /U23MATC01	Dr. T. Poovaragavan	60	60	60
2	Physical Science for Engineers / U23BSTC01	Dr. Samuvel.K Mr. N. Senthamizh	45	45	45

		Selvan			
3	Engineering Mechanics /U23ESTC02	Dr. L. Martin Dr. M. Elangovan	45	45	45
4	Basics of Electrical and Electronics Engineering / U23ESTC03	Dr. V. Sugashini Mrs. Kanimozhi	45	45	45
5	Concept of Engineering Design / U23MET101	Dr. K. Hemalatha	45	45	45
6	Communicative English - I / U23ENBC01	Mrs. S. Ashwini	60	60	60
7	Basics of Electrical and Electronics Engineering Laboratory / U23ESPC01	Dr. V. Sugashini Mrs. Kanimozhi	30	30	30
8	Design Thinking and IDEA Lab / U23ESPC02	Dr. L. Martin	30	30	30
9	Engineering Mechanics Laboratory / U23ESP101	Dr. K. Hemalatha Dr. E. Manikandan	30	30	30

Semester:III

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Probability and Statistics/ U23MATCO3	Dr. K. Raja Mr. R. Rajesh	60	60	60
2	Programming in Python/ U23ADTCO1	Mrs. N. Pavithra Ms. A. Mohana Priya	45	45	45
3	Applied Thermodynamics/ U23MET303	Dr. A. A. Arivalagar Mr. A. Giriprasath	45	45	45
4	Fluid Mechanics and Hydraulic Machines/ U23MET304	Mr. K. Navanitha Krishnan	45	45	45

5	Manufacturing Processes/ U23MET305	Mr. A. Jeyachandiran	45	45	45
6	Strength of Materials/ U23MEB301	Dr. D. Karunakaran Mr. M. Gunasekar	60	60	60
7	General Proficiency- I/ U23ENPCO1	Mrs. Madanavathani	30	30	30
8	Engineering Mathematics Laboratory/ U23MAPCO1	Dr. K. Raja Mrs. Guna	30	30	30
9	Programming in Python Laboratory/ U23ADTPO1	Mrs. N. Pavithra Ms. A. Mohana Priya	30	30	30
10	Manufacturing Processes Laboratory/ U23MEP302	Mr. A. Jeyachandiran	30	30	30
11	Fluid Mechanics and Hydraulic Machines Laboratory/ U23MEP303	Dr. E. Manikandan Mr. K. Navanitha Krishnan	30	30	30

Semester: V

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Research Methodology /U23HSTC02	Mr. T. Chandramohan	45	45	45
2	Data Structures/ U23CSTC03	Dr. S. Saravanan	45	45	45
3	Dynamics of Machinery/ U23MET508	Dr. P. Jayakumar	45	45	45
4	Design of Machine Elements /U23MET509	Mr. M. Gunasekar	45	45	45
5	Professional Elective – II 1. Green Manufacturing/U23MEE507 2. IoT and Smart Manufacturing/U23MEE509	Dr.J.Pavalavana Pandian Mr. K. Navanitha	45	45	45

6	Open Elective – I 1. Consumer Electronics / U23ECOC01 2. Energy and Environment / U23CEOC01	Mr. G. K. Senthilkumar Dr. S. Sundararaman	45	45	45
7	Data Structures Laboratory / U23CSPC02	Dr. A.Saravanan	30	30	30
8	Analysis and Simulation Laboratory /U23MEP506	Dr.M.Elangovan	30	30	30
9	Dynamics of Machinery Laboratory /U23MEP507	Dr. P.Jayakumar	30	30	30
10	Micro Project / U23MEW501	Dr.J.Pavalavana Pandian	30	30	30

Semester: VII

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Production Planning and Cost Estimation/ U20MET717	Dr. K. Velmurugan Dr. T. Coumaressin	60	60	60
2	Industrial Automation and Robotics/ U20MET718	Mr.A. Giriprasath	45	45	45
3	Professional Elective - IV : Advanced Welding Technology Nano Technology	Dr.G.G.Sozhamannan Dr. A. Thiagarajan	45	45	45
4	Open Elective - IV : Automation in Manufacturing Systems/	Dr.A.G.GaneshKumar	45	45	45
5	Business Basics for Entrepreneur U20HSP703	Dr.D.Karunakaran	45	45	45
6	Automation and Robotics lab U20MEP712	Mr.A. Giriprasath	30	30	30
7	Product Development Lab	Dr. L. Martin	30	30	30

	U20MEP713				
8	Comprehensive Viva VoceU20MEP714	Dr.G.G.Sozhamannan	30	30	30
9	Project Phase - I U20MEW701	Dr. A. Thiagarajan	30	30	30
10	Internship / Inplant Training U20MEW702	Dr.A.G.GaneshKumar Dr. T. Coumaressin	30	30	30

3.2 Use of ICT Tools in Teaching Learning

I Year / I Semester - (2025-2029)

S. No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.L.Martin	Engineering Mechanics / U23ESTC02	Models/PPT
2	Dr.K. Hemalatha	Concept of Engineering Design - U23MET101	PPT

II Year / III Semester - (2024-2028)

S. No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.D.Karunakaran	Strength of Materials - U20MEB301	PPT
2	Mr. K.Navanitha Krishnan	Fluid Mechanics and Hydraulic Machines - U20MET304	PPT

III Year / V Semester - (2023-2027)

S. No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr. P.Jayakumar	Dynamics of Machinery/ U23MET508	PPT
2	Mr. M. Gunasekar	Design of Machine Elements/ U23MET509	PPT

IV Year / VII Semester - (2022-2026)

S. No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.A. Giriprasath	Industrial Automation and Robotics / U20MET718	PPT
2	Mr.G.Harish	Industrial Automation and Robotics / U20MET718	PPT
3	Dr.G.G.Sozhamannan	Advanced Welding Technology/ U20MEE717	PPT

3.3 List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	One Day Workshop On Devops And Aws	Mr V.Durai Murugan, Enterprise Solution Architect,Aon Pvt Ltd	26.07.2025	80 (3rd YEAR -MECH)
2	Career And Entrepreneurship in the Power Sector	Shri A.P.J. Ravi	09.08.2025	300 (1st ,2nd ,3rd YEAR-MECH)
3	Revolutionizing Mechanical Engineering: The Power Of Cloud, Iot, And Ai	Shri Sabapathy Shanmuga Sundaram Senior Vice President/Head Of Product Architecture And Engineering, Anunta Technology	21.08.2025	120 (2nd ,3rd YEAR MECH)
4	Emerging Opportunities Mega Trends of an Auto Industry	Dr.Ravishankar Mr. N. Prakash Kumar, Assistant Professor/Mechanical Engineering	13.09.2025	80 (3rd YEAR-MECH)
5	Product Life Cycle Management (PLM)	Mr.K.Razak Lead PLM Consultant	30.08.2025	50 (2nd YEAR-A - MECH)
6	Advanced Manufacturing Techniques for Electric Vehicles in Industry 4.0	Shri S.Dhanabal Fv-Operations Head With M/S Lucas Tvs Limited, Puducherry	08.08.2025	300 (1st ,2nd ,3rd YEAR-MECH)

7	The Power of Meditation in Improving Learning Ability	Mr. V.M.P Mourougayane Msc.,[Yoga] Master Trainer In Yoga, Puducherry	24.01.2026	60 (1st YEAR SEC-A-MECH)
8	Future For Mechanical Engineers	Dr.Suresh Seetharaman Director,Igen Founder & Ceo Success Sailor Edu Tech	29.01.2026	250 (2nd ,3rd YEAR-MECH)
9	Effects Of Over-The -Counter Medications On Health And Well Being	Mr.S.Mathivanan , M.Pharm School Of Pharmacy Smvec	31.01.2026	60 (1st YEAR SEC-B MECH)
10	Biomechanical Implication of Lifestyle-Induced Disorders and The Role of Postural Correction in Physiotherapy Practice	Dr.S.Priyanka,,Mpt [Neuro] Assistant Professor Smvec	14.02.2026	60 (1st YEAR SEC-A MECH)

3.4 Activities for Slow and Advanced Learners

Semester: I

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Engineering Mathematics - I /U23MATC01	Dr. T. Poovaragavan	Yes	2	Yes
2	Physical Science for Engineers / U23BSTC01	Dr. Samuvel.K Mr. N. Senthamizh Selvan	Yes	2	Yes

3	Engineering Mechanics /U23ESTC02	Dr. L. Martin Dr. M. Elangovan	Yes	2	Yes
4	Basics of Electrical and Electronics Engineering / U23ESTC03	Dr. V. Sugashini Mrs. Kanimozhi	Yes	2	Yes
5	Concept of Engineering Design / U23MET101	Dr. K. Hemalatha	Yes	2	Yes
6	Communicative English - I / U23ENBC01	Mrs. S. Ashwini	Yes	2	Yes

Semester: III

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Probability and Statistics/ U23MATCO3	Dr. K. Raja Mr. R. Rajesh	Yes	2	Yes
2	Programming in Python/ U23ADTCO1	Mrs. N. Pavithra Ms. A. Mohana Priya	Yes	2	Yes
3	Applied Thermodynamics/ U23MET303	Dr. A. A. Arivalagar Mr. A. Giriprasath	Yes	2	Yes
4	Fluid Mechanics and Hydraulic Machines/ U23MET304	Mr. K. Navanitha Krishnan	Yes	2	Yes
5	Manufacturing Processes/ U23MET305	Mr. A. Jeyachandiran	Yes	2	Yes
6	Strength of Materials/ U23MEB301	Dr. D. Karunakaran Mr. M. Gunasekar	Yes	2	Yes
7	General Proficiency- I/ U23ENPCO1	Mrs. Madanavathani	Yes	2	Yes

Semester: V

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Research Methodology /U23HSTC02	Mr. T. Chandramohan	Yes	2	Yes
2	Data Structures/ U23CSTC03	Dr. S. Saravanan	Yes	2	Yes
3	Dynamics of Machinery/ U23MET508	Dr. P. Jayakumar	Yes	2	Yes
4	Design of Machine Elements /U23MET509	Mr. M. Gunasekar	Yes	2	Yes
5	Professional Elective – II 1.Green Manufacturing /U23MEE507 2.IoT and Smart Manufacturing /U23MEE509	Dr.J.Pavalavana Pandian Mr. K. Navanitha	Yes	2	Yes
6	Open Elective – I 1. Consumer Electronics / U23ECOC01 2. Energy and Environment / U23CEOC01	Mr. G. K. Senthilkumar Dr. S. Sundararaman	Yes	2	Yes

Semester: VII

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Production Planning and Cost Estimation/ U20MET717	Dr. K. Velmurugan Dr. T. Coumaressin	Yes	2	Yes
2	Industrial Automation and Robotics/ U20MET718	Mr.A. Giriprasath	Yes	2	Yes

3	Professional Elective - IV : Advanced Welding Technology Nano Technology	Dr.G.G.Sozhamannan Dr. A. Thiagarajan	Yes	2	Yes
4	Open Elective - IV : Automation in Manufacturing Systems/	Dr.A.G.GaneshKumar	Yes	2	Yes

3.5 Counseling and Mentoring

No. of Students in Department	Number of Mentors in the Department	Mentor : Mentee Ratio
382	18	1:20

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor allocation	Yes	
2	Class wise student profile record maintained.	Yes	
3	Mentor–mentee session record maintained.	Yes	

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous assessment examination conducted as per the academic calender	YES	
2	Is proper evaluation methods used for courses such as Employability Enhancement Courses, mandatory courses etc.,	YES	
3	Details of internal marks awarded	YES	
4	Any grievances raised in internal evaluation?	NO	

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	-
2	Correlation of COs with POs and PSOs for each course available	Yes	-
3	Course Exit survey conducted	Yes	-
4	Course Outcome Attainment Calculated	Yes	-
5	Corrective Action Suggestion available for the courses where CO target is not attained	Yes	All courses attained targets
6	Program exit survey conducted	Yes	-
7	PSO and PO attainment through CO		-
8	Corrective Action Suggestion available where PO target is not attained	Yes	All PO targets attained

3.8 Student Performance in End Semester Examination

Semester I

Sr. No	Particular	UG	PG
1	Number of Students appeared	110	-
2	Number of All Clear Students	086	-
3	Number of Students passed with Distinction	018	-
4	Number of Students passed with First Class	068	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	24	-
7	Passing Percentage	78%	-

Semester III

Sr. No	Particular	UG	PG
1	Number of Students appeared	101	02
2	Number of All Clear Students	-	02
3	Number of Students passed with Distinction	-	02
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	-	-
7	Passing Percentage	-	100%

Semester V

Sr. No	Particular	UG	PG
1	Number of Students appeared	81	-
2	Number of All Clear Students	74	-
3	Number of Students passed with Distinction	24	-
4	Number of Students passed with First Class	50	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	07	-
7	Passing Percentage	93%	-

Semester VII

Sr. No	Particular	UG	PG
1	Number of Students appeared	89	-
2	Number of All Clear Students	89	-
3	Number of Students passed with Distinction	82	-

4	Number of Students passed with First Class	07	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	-	-
7	Passing Percentage	100%	-

3.9 Student Performance of Outgoing Students

Sr. No	Particular	UG	PG
1	Number of outgoing students	105	01
2	Number of students successfully completed the program	103	01
3	Number of students completed the program with no backlogs	56	01
4	Number of students completed the program with backlogs	47	-

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Academic expert feedback on curriculum with analysis and action taken report	**Yes**	16	Academic expert feedback on curriculum conducted with action taken report
2	Employer feedback on curriculum with analysis and action taken report	**Yes**	18	Employer feedback on curriculum conducted with action taken report
3	Teacher feedback on curriculum with analysis and action taken report	**Yes**	26	Teacher feedback on curriculum conducted and analyzed
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	**Yes**	85	Course Exit Survey conducted and analyzed
5	Parent Feedback on Curriculum with analysis and action taken report	**Yes**	73	Parent Feedback collected and analyzed
6	Alumni feedback on curriculum with analysis and action taken report	**Yes**	61	Alumni Feedback conducted and analyzed
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	**Yes**	108	Student Feedback on Teaching and Learning conducted with action taken report
8	Graduate (program) Exit Survey with analysis and action taken report	**Yes**	65	Graduate (program) Exit Survey conducted and analyzed

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
-	-	-	-	-	-

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
1	Dr.K.Hemalatha	Designing and IOT integration	Motherson Automotive tech & engineering	50000	One year

5.3 Faculty Publications (faculty-wise list)

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors
1	2025-26	15	7 & 7	0	0	2.43

Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	nil
Number of Publications in International Journals	15
Number of Publications in National Conferences	nil
Number of Publications in International Conferences	12
Number of Books / Book Chapters	01
Number of Patents (Filed)	08
Number of Patents Granted	nil
Number of Design Patents (Filed)	12
Number of Design Patents Granted	nil

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
NIL	NIL	NIL	Nil	nil

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	Unvelling the Functional Potential of Cr2MnAl Heusler	G. Karthik, Shanmugasundaram Kamalakannan, K	Journal of Solid State Sciences	Vol. 174, 108-205, 2026.	Scopus

	Alloy: A combined Experimental and Theoretical Approach	Ravichandiran, Sathish Panne Selvam, Agalya Mathivanan, VSK Venkatachalapathy			
2	Microstructure Characterization, Optimization of Wear Parameters, and Mechanical Properties of SS304 Nanocomposites Produced by Powder Metallurgy for Aerospace Applications"	Ravi Kumar, A.Thiagarajan, K.Velmurugan, Devanadane Mouraliraman, and V.S.K. Venkatachalapathy,	Journal of Materials Engineering and Performance	pp. 1-20, 2025	SCI
3	Surface Chemistry and Tribological Performance of Al–SiC–TiO_2 Composites under Cryogenic Conditions	Jeyachandran, A., Venkatachalapathy, V. S. K., Hemalatha, K. and Martin, L. "",	Malaysian Journal of Chemistry 2025	, Vol. 27(3), 446-454,2025	Scopus
4	Optimization of long-term storage conditions (temperature, period and antioxidant concentration) of waste frying oil biodiesel by RSM,	Pavalavana Pandian, S. Sudagar, M. Pugazhvadivu, and K. Velmurugan	Asian Journal of Research	vol. 1–3, 2025	Scopus
5	Microstructure Characterization, Optimization of Wear Parameters, and Mechanical Properties of SS304 Nanocomposites Produced by Powder Metallurgy for Aerospace Applications	Ravi Kumar, A. Thiagarajan, K. Velmurugan, Devanadane Mouraliraman, and V.S.K. Venkatachalapathy,	Journal of Materials Engineering and Performance	pp 1-20, 2025	SCI
6	Study on Exhaust Gas Recirculation Diesel Engine using Karanja Oil Methyl Ester with Low Heat Rejection in Direct Injection	Ravisankar, R, Venkatachalapathy, VSK,, K. Velmurugan,	Journal of Thermal Engineering (JTE)	Vol 10,PP. 396-403, 2025	SCI
7	A review on industrial optimization approach	Adrayan Angseng , Elammaran Jayamani	Int. Polym. Proc,	Vol 40(4), PP. 347–	SCI

	in polymer matrix composites manufacturing	Jeyanthi Subramanian , R. Ravi Sankar,		372, 2025	
8	Optimization of long-term storage conditions (temperature, period and antioxidant concentration) of waste frying oil biodiesel by RSM	J. Pavalavana Pandian, S. Sudagar, M. Pugazhvadivu, and K. Velmurugan,	Asian Journal of Research	vol. 1–3, PP 7-35, 2025	SCI
9	Optimization of electric vehicle battery cooling systems: Improving thermal management using advanced fluid dynamics simulations	J. Pavalavana Pandian, E. Manikandan, and J. Rabi,	International Journal of System Design and Information Processing	Vol.13, Issue-4, pg.87-93, 2025	Others
10	Microstructure Characterization, Optimization of Wear Parameters, and Mechanical Properties of SS304 Nanocomposites Produced by Powder Metallurgy for Aerospace Applications"	Ravi Kumar, A.Thiagarajan, K.Velmurugan, Devanadane Mouraliraman, and V.S.K. Venkatachalapathy,	Journal of Materials Engineering and Performance	pp. 1-20, 2025	SCI
11	Surface chemistry and tribological performance of Al–SiC–TiO_2 composite under cryogenic conditions	A. Jeyachandran, V. S. K. Venkatachalapathy, and K. Hemalatha,	*Malaysian Journal of Chemistry*	vol. 27, no. 3, pp. 446–454, 2025	Scopus
12	Performance Evaluation of a Vapor Compression Refrigeration System with R600a refrigerant and alumina and Titanium dioxide hybrid Nano lubricants	Praveen Barmavatu. M. Purusothaman, T. Coumaressin. J. Hemanandh. Hussein, M. Ramalinga Viswanathan	Thermal Science and Engineering Progress, Elsevier,	Volume 151, Issue 1, pp. 1-9,2025	SCI
13	Surface chemistry and tribological performance of Al–SiC–TiO_2 composites	A. Jeyachandran, V. S. K. Venkatachalapathy, K. Hemalatha, and L. Martin, "",	Malaysian Journal of Chemistry	vol. 27, no. 3, 2025	Scopus

	under cryogenic conditions				
14	Optimization of electric vehicle battery cooling system: Improving thermal management using advanced fluid dynamics simulations	E. Manikandan,	International Journal of System Design and Information Processing	vol. 13, no. 4, pp. 87–93, 2025	Scopus
15	Surface Chemistry and Tribological Performance of Al–SiC–TiO_2 Composites under Cryogenic Conditions	Jeyachandran, A., Venkatachalapathy, V. S. K., Hemalatha, K. and Martin, L.	Malaysian Journal of Chemistry, 2025	Vol. 27(3), 446-454, 2025	Scopus

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
-	-	-	-	-	-	-

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Non-invasive glucose monitor and smart infusion in intravenous	R. Vithiya, L. Martin, M. Z. Begum, and S. S. Tremot, ","	in Proc Int. Conf. Emerging Technologies in Engineering Applications (ICETEA)	ICETEA	979-833 15-148 5-3	IEEE
2	Modified Tarjan algorithm for controller optimization in SDN	P. Pradeesshma, R. Raju, V. S. K. Venkatachalapathy, and P. Raja,	*AIP Conference Proceedings*		978-073 544 483-6	
3	Integrating Nanofluid Heat -Transfer Experiments for Sustainable Engineering	Dr.R.Ravisankar	in Proc Int. Conf. Emerging Technologies in Engineering Applications (ICETEA)	ICETEA	979-833 15-148 5-3	IEEE

4	Thermochemical Conversion of Millingtonia Hortensis: Particle Size Influence on Product Distribution and Bio-Oil Quality	Dr.B.Ilangovan	in Proc Int. Conf. Emerging Technologies in Engineering Applications (ICETEA)	ICE TEA	979-833 15-148 5-3	IEEE
5	Reimagining Education 5.0 Through Sustainable Home Automation: Transforming Conventional Sinks into Smart Dishwashing Systems	A.Giriprasath	in Proc Int. Conf. Emerging Technologies in Engineering Applications (ICETEA)	ICE TEA	979-833 15-148 5-3	IEEE
6	AI-Driven Multi-Objective Optimization of Biodiesel-Fueled Compression Ignition Engines Using IoT-Based Data Acquisition	M. Elangovan	in Proc Int. Conf. Emerging Technologies in Engineering Applications (ICETEA)	ICE TEA	979-833 15-148 5-3	IEEE
7	Nanofluid-Assisted Microchannel Heat Sinks, A Sustainable Engineering Approach to High-Performance Thermal Systems	Dr. E.Manikandan	in Proc Int. Conf. Emerging Technologies in Engineering Applications (ICETEA)	ICE TEA	979-833 15-148 5-3	IEEE
8	Investigation Of Polyester Based Nanocomposite for Tribological Application	P.Jayakumar	in Proc Int. Conf. Emerging Technologies in Engineering Applications (ICETEA)	ICE TEA	979-833 15-148 5-3	IEEE
9	Understanding The Impact of AI Usage on Technostress, Workload, And Emotional Intelligence Among Engineering Academic Staff: Evidence from A Mixed-Methods Study in Puducherry	D .Karunakaran	in Proc Int. Conf. Emerging Technologies in Engineering Applications (ICETEA)	ICE TEA	979-833 15-148 5-3	IEEE
1	Desirability-Based Multi-	.K.Hemalatha	in Proc Int. Conf.	ICE	979-	IEE

0	Response Optimisation of Al6063/Al_2O_3 Metal Matrix Composites - Framework For Sustainable Materials Engineering		Emerging Technologies in Engineering Applications (ICETEA)	TEA	833 15-148 5-3	E
11	Integrating SDG Indicators into Mechanical Engineering Innovation: A Quantitative Model for Sustainable Industrial Development	J. Pavalavana Pandian	in Proc Int. Conf. Emerging Technologies in Engineering Applications (ICETEA)	ICE TEA	979-833 15-148 5-3	IEEE
12	Automated Robotic Material Transport System	N Prakashkumar	in Proc Int. Conf. Emerging Technologies in Engineering Applications (ICETEA)	ICE TEA	979-833 15-148 5-3	IEEE

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Selection criteria and design of sustainable green materials for specific composite applications	Ravisankar	13, 978-085709 8597	Woodhead series in composites Science and Engineering

Sl. No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar, Dr.G.G. Sozhamannan Dr.A.G.Ganesh Kumar S.Mohanapriyan,G. Ajai. M.Mohamed Nadeem, K.Aravindan.	Dr.A.G.Ganesh Kumar , S.Mohanapriyan,	Autonomous Control and Implementation of Coconut Tree Climbing and Harvesting Robot	**29-8-2025**	**India**	**In Progress**
	Dr.V.S.K Venkatachalapathy, Dr.A.A.Arivalagar Dr.G.G. Sozhamannan Dr.K.Hemalatha, S.Deepak, S.Jothiga, B.	Dr.K.Hemalatha, S.Deepak,	Design and Fabrication of 3D Printing Filament by waste Bottle	**29-8-2025**	**India**	**In Progress**

	Balaji, D.Jenish		with Colouring			
	Dr.V.S.K Venkatachalapathy, Dr.A.A.Arivalagar Dr.G.G. Sozhamannan Dr.L.Martin, R.Aswin Kumar, K.Bharath, D.Danaraj, P.Sooriya	Dr.L.Martin, R.Aswin Kumar,	Smart Agriculture Harnessing 'IOT' for Automated Irrigation	**29-8-2025**	**India**	**In Progress**
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar, Dr.G.G. Sozhamannan Dr.A.G.Ganesh Kumar, V.Nithish Kumar,S.Parthiban,M. M. Akshayakannan	Dr.A.G.Ganesh Kumar, V.Nithish Kumar,	Design And Fabrication Of An Electrical Stable Adjustable Chair	**29-8-2025**	**India**	**In Progress**
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar, Dr.G.G. Sozhamannan Mr. K Navanitha Krishnan,P. Hari Haran. N. Keerthana, A.Premraj.R.Vignesh	Mr. K Navanitha Krishnan,P. Hari Haran.	Design and Fabrication of Long- Range, Intelligent Commercial Electric Vehicles	**29-8-2025**	**India**	**In Progress**
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar, Dr.G.G. Sozhamannan Mr.M.Santhosh Kumar V.Lakshmi kandham , V.Praveen Kumar, S.S.Mohanaraj, S.Krishnakumar	Dr.G.G. Sozhamannan Mr.M.Santhosh Kumar V.Lakshmi kandham ,	Fabrication Of Semi-Automatic Garbage BOT To Protect the Environment for a Sustainable Future	**29-8-2025**	**India**	**In Progress**
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar, Dr.G.G. Sozhamannan Dr.A.Thiagarajan, J.Chandru, S.Anbuselvam, F.Leon Raj, K.Chandrakanth	Dr.A.Thiagarajan, J.Chandru,	Non-Chemical Treatment of Oil Spill Recovery with Magnetic Separation from Ocean	**29-8-2025**	**India**	**In Progress**
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar, Dr.G.G. Sozhamannan Mr.M. Gunasekaran,	Dr.G.G. Sozhamannan Mr.M. Gunasekaran, M.Mohanraj,	Design And Fabrication of Solar Seed Sprayer with	**29-8-2025**	**India**	**In Progress**

	M.Mohanraj, T.Aakash.A. Sripathi, K.Sarvesh		Cultivator			
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar, Dr.G.G. Sozhamannan Mr.M.Gunasekar, A.Amarnath, V.Vivek, S.Surya Prakash, G.Vejayavarman	Dr.G.G. Sozhamannan Mr.M.Gunasekar, A.Amarnath,	Design And Fabrication of Solar Grass Tiller	**29-8-2025**	**India**	**In Progress**
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar Dr.G.G. Sozhamannan Dr.K.Hemalatha, R.Keerthivasan, M.Santhosh, P.Aswin, M.Nandhish.	Dr.K.Hemalatha, R.Keerthivasan,	Design And Performance Analysis of Sintering Tray for Powder Metallurgy Process	**29-8-2025**	**India**	**In Progress**
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar Dr.G.G. Sozhamannan Mr.R.Hemanth Kumar, S.Shreekanth, M.Ramkumar, M.Nithishkumar, V.Kamalesh	Mr.R.Hemanth Kumar, S.Shreekanth,	Solar Scare Crow Bird and Animal Repellent	**29-8-2025**	**India**	**In Progress**
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar, Dr.G.G. Sozhamannan, Dr.S.Jayabharathy, S.Jeevabharathi, R.Kishore, V.Sudarson, Ramanunni Jayapraksh	Dr.S.Jayabharathy , S.Jeevabharathi,	Non -Contact Continuous RPM Measurement in Washer Applications	**29-8-2025**	**India**	**In Progress**
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar, Dr.G.G. Sozhamannan Mr.G. Harish' R.Karthikeyan , C.Aanantha Ruban, S.Sooriya, A.Balaji	Mr.G. Harish' R.Karthikeyan	Reduction Of Drag Coefficient in Electric Car Using CFD Analysis	**29-8-2025**	**India**	**In Progress**
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar, Dr.G.G. Sozhamannan S.Dhinessh Raj, A.Bhuvanessh,	Dr.G.G. Sozhamannan S.Dhinessh Raj,	Design And Fabrication of Pneumatically Enhanced Prosthetic.	**29-8-2025**	**India**	**In Progress**

	N.Danouish kumaran ,R. Dhivagar					
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar, Dr.G.G. Sozhamannan Dr. A.G Ganesh kumar, V.Rohith Kumar, R.G.Joneshwaran, G.Muthukumaran,V. Prakash	Dr. A.G Ganesh kumar, V.Rohith Kumar,	Fabrication of Brick Using Electronic Waste	**29-8-2025**	**India**	**In Progress**
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar, Dr.G.G. Sozhamannan Dr.T. Coumaressin, M.Hari Prasanna, S.Chandru, M.Afrid P.Santhesh kumar	Dr.T. Coumaressin, M.Hari Prasanna,	Design And Fabrication of Hybrid Power Weeder Engine	**29-8-2025**	**India**	**In Progress**
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar, Dr.G.G. Sozhamannan Dr. K. Hemalatha, B.Krishna Raj, S.Krishna Kumaran, R.Mohammed Syed Haffez, V.Thamizharasan	Dr. K. Hemalatha, B.Krishna Raj,	Smart Agricultural Monitoring System	**29-8-2025**	**India**	**In Progress**
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar, Dr.G.G. Sozhamannan Dr.L. Martin, V.Jai Vikknesh, P.Mallesh Raj, M.Narendhiran, M.Yokesh	Dr.G.G. Sozhamannan Dr.L. Martin, V.Jai Vikknesh,	Design And Implementation of Autonomous Pesticide Application System for Greenhouse Tomatoes	**29-8-2025**	**India**	**In Progress**
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar, Dr.G.G. Sozhamannan Mr.A. Giriprasath, A.Mohammed Kaif, M.Dharmesh, P.Subash, D.Ram Kumar	Mr.A. Giriprasath, A.Mohammed Kaif,	Design And Fabrication of IOT Based Portable Sterilizer Using UV Light And Hot Air	**29-8-2025**	**India**	**In Progress**

			Compressor.			
	Dr.V.S.K Venkatachalapathy Dr.A.A.Arivalagar, Dr.G.G. Sozhamannan Dr.R. Ravisankar VKarthikayan,S.G Kailash , V.Dhanush Raj, A.L.Dhineshvar	Dr.R. Ravisankar VKarthikayan,	Design And Fabrication of Safety Riding Jacket Using FRP Material	**29-8-2025**	**India**	**In Progress**

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1	DHANIGAVEL S	DFE PHARMA INDIA PRIVATE LIMITED - CUDDALORE	13	30/6/2025	12/7/2025
2	PUGAZHENDI G	DFE PHARMA INDIA PRIVATE LIMITED - CUDDALORE	13	30/6/2025	12/7/2025
3	GOWDHAM S	DFE PHARMA INDIA PRIVATE LIMITED - CUDDALORE	13	30/6/2025	12/7/2025
4	GOWTHAM R	DFE PHARMA INDIA PRIVATE LIMITED - CUDDALORE	13	30/6/2025	12/7/2025
5	KANDHAVEL V	SWASTHIC PRIVATE LIMITED - PUDUCHERRY	10	1/7/2025	10/7/2025
6	SURYA B	SWASTHIC PRIVATE LIMITED - PUDUCHERRY	10	1/7/2025	10/7/2025
7	SANDEEP KUMAR M	SWASTHIC PRIVATE LIMITED - PUDUCHERRY	10	1/7/2025	10/7/2025
8	HARESH P	SWASTHIC PRIVATE LIMITED - PUDUCHERRY	10	1/7/2025	10/7/2025
9	VALAVAN ARASU P	OIL AND NATURAL GAS CORPORATION LIMITED ONGC - KARAIKAL	16	30-6-2025	15-7-2025
10	SREDHAREAN N	OIL AND NATURAL GAS CORPORATION LIMITED ONGC - KARAIKAL	16	30-6-2025	15-7-2025
11	SANJAI BALA B	BARATHY INDUSTRIES	15	2-7-2025	16-7-2025
12	DONI FRANCIS A	SUZLON ENERGY LIMITED - PUDUCHERRY	50	9/7/2025	27/8/2025
13	GOKUL R	SUZLON ENERGY LIMITED - PUDUCHERRY	50	9/7/2025	27/8/2025
14	DINESH S	SUZLON ENERGY LIMITED - PUDUCHERRY	50	9/7/2025	27/8/2025
15	SHAKEEL UR RAHUMAN J	SUZLON ENERGY LIMITED - PUDUCHERRY	50	9/7/2025	27/8/2025
16	SARVESWARAN M	BHARAT EARTH MOVERS LIMITED (BEML) - BANGALORE	14	7/8/2025	20/8/2025
17	SUKANTHAN J	BHARAT EARTH MOVERS	14	7/8/2025	20/8/2025

		LIMITED (BEML) - BANGALORE			
18	THATCHANAMOOTHY	BHARAT EARTH MOVERS LIMITED (BEML) - BANGALORE	14	7/8/2025	20/8/2025
19	ARIEF Y	BHARAT EARTH MOVERS LIMITED (BEML) - BANGALORE	14	7/8/2025	20/8/2025
20	SAI KRISHNAN S	BHARAT EARTH MOVERS LIMITED (BEML) - BANGALORE	14	7/8/2025	20/8/2025
21	SANJAY G	BHARAT EARTH MOVERS LIMITED (BEML) - BANGALORE	14	7/8/2025	20/8/2025
22	IDRIS T	PRODIGY INFOTECH	16	1/7/2025	16/7/2025
23	SANJAY B	SWASTHIC PRIVATE LIMITED PUDUCHERRY	8	15/9/2025	22/9/2025
24	SARAVANAKUMAR S	SWASTHIC PRIVATE LIMITED PUDUCHERRY	8	15/9/2025	22/9/2025
25	PRAVEEN B	SWASTHIC PRIVATE LIMITED PUDUCHERRY	8	15/9/2025	22/9/2025
26	POOVIARASU B	SWASTHIC PRIVATE LIMITED PUDUCHERRY	8	15/9/2025	22/9/2025
27	MUKESH KUMAR S	SWASTHIC PRIVATE LIMITED PUDUCHERRY	8	15/9/2025	22/9/2025
28	BALA MURUGAN V	SWASTHIC PRIVATE LIMITED PUDUCHERRY	8	15/9/2025	22/9/2025
29	SREDHARAN N	SWASTHIC PRIVATE LIMITED PUDUCHERRY	8	15/9/2025	22/9/2025
30	BALACHANDER G	POCLAIN HYDRAULICS - PUDUCHERRY	12	3/7/2025	14/7/2025
31	DHARANI B	AURORAA AEROSOLS INDIA PRIVATE LIMITED	9	12/9/2025	20/9/2025
32	GOUNALEN S	GEEKAY AUTO COMPONENTS - CHENNAI (AMBATTUR)	60	1/08/2025	30/09/2025
33	PARAMAGURU G	GEEKAY AUTO COMPONENTS - CHENNAI (AMBATTUR)	60	1/08/2025	30/09/2025
34	MOHAMMED AFSAL	GEEKAY AUTO COMPONENTS - CHENNAI (AMBATTUR)	60	1/08/2025	30/09/2025
35	ZIAVUDDIN	GEEKAY AUTO COMPONENTS - CHENNAI (AMBATTUR)	60	1/08/2025	30/09/2025
36	SUNIL	GEEKAY AUTO COMPONENTS - CHENNAI (AMBATTUR)	60	1/08/2025	30/09/2025
37	MANIKANDAN G	RANA MADRAS LIMITED - THIRUBUVANAI	12	24/9/2025	5/10/2025
38	SARVIN V	HINDUSTAN UNILEVER LIMITED - VADAMANGALAM	53	8/9/2025	30/10/2025
39	MOORTHYPRAKASH S	TVS (SUNDRAM FASTENERS LIMITED)	20	2/7/2025	21/7/2025
40	TAMILSELVAN V	THE SUPREME INDUSTRIES LIMITED	17	29/7/2025	14/8/2025
41	VISHWAA C	THE SUPREME INDUSTRIES LIMITED	17	29/7/2025	14/8/2025
42	BHARATH K	THE SUPREME INDUSTRIES LIMITED	17	29/7/2025	14/8/2025
43	CYRIL MARIO C	THE SUPREME INDUSTRIES LIMITED	17	29/7/2025	14/8/2025

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1.	Automation Packaging System Using RFID Component	B.SANJAY BALA P.VALAVAN ARASU V.SARVIN A. TAMILA RASAN	Aparna industry	1 year
2.	Design and fabrication of a semi auto quality inspection and stacking unit for PET Performs	BUVANESH.S SURYAA.R JEEVA.R MURUGAN.A	Swasthik Preforms, Thirubuvanai	1 year
3.	Value stream mapping and process optimization in 2-wheeler starter motor assembly line	S.VISWESVARAN S.MOHAN RAJ S.PRASANNASUDHAN DANDUPROLU.S.S.P.M.L.RAKESH CHANDRA VARMA	**TVS-Lucas**	1 year
4.	Automatic core winding machine using sensors	SUBASH.S LOGESH.S OVIYA.R.S PRIYADHARSHINI.B.K	**GT electronics India**	1 year
5.	Reduce cost of poor quality of problem solving through G8D	B.SANJAY S.SARVANA KUMAR P.RAJA GANESH V.CHANDRA HARI	**Seja Sinters**	1 year

6.2 Sponsored / Industry Projects

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1.	Prasanna Precision Tools	11.10.2025	I Year /I Sem	57
2.	Swasthik preforms Pvt Ltd	11.10.2025	I Year /I Sem	50

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	Unatti 5D Manufacturing	19-1-2026	Research, Internship and Projects	5 Years
2.	360 group – Drone technology	13-2-2025	Research, Internship and Projects	5 Years
3.	Mirrage Garrage	13-2-2025	Research, Internship and Projects	5 Years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	23
Number of Students opted Higher Studies	-
Number of Entrepreneur	-

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	KARNEEDI MANOJ KUMAR	Avalon Technology and Services Pvt. Ltd.	3.00 LPA
2	SARAVANAKUMAR S	Avalon Technology and Services Pvt. Ltd.	3.00 LPA
3	JOHNY MARIA MICHAEL R	Codeyoung	8.09 LPA
4	DHARANI B	Codeyoung	8.09 LPA
5	DHANIGAVEL S	Cognizant Technology Solutions India Pvt. Ltd.	4 LPA
6	SUNIL A	General Optics (Asia) Pvt Ltd.	4.75 LPA
7	HARINI K	Hyundai Kefico India Pvt Ltd	3.57 LPA
8	ROSHINI K	Hyundai Kefico India Pvt Ltd	3.57 LPA
9	SANJAY G	Sutherland Global Services	2.5 LPA
10	AJITH A	Tempel Precision Metal Products India Pvt. Ltd.	3.00 LPA
11	SANJAY B	Tempel Precision Metal Products India Pvt. Ltd.	3.00 LPA
12	SREDHAREAN N	Tempel Precision Metal Products India Pvt. Ltd.	3.00 LPA
13	SURYAA R	Toot MNE Tech Pvt. Ltd.	2.40 LPA
14	DINESH S	Tuticorin Alkali Chemicals and Fertilizers Ltd	4.80 LPA
15	KANDHAVEL V	Tuticorin Alkali Chemicals and Fertilizers Ltd	4.80 LPA
16	BUVANESH S	Yuzhan Technology (India) Pvt Ltd.	2.76 LPA
17	MOORTHYPRAKASH S	Yuzhan Technology (India) Pvt Ltd.	2.76 LPA
18	THATCHANAMOORTHY S	Yuzhan Technology (India) Pvt Ltd.	2.76 LPA
19	BALACHANDER G	Yuzhan Technology (India) Pvt Ltd.	2.76 LPA
20	NARMADHA G	Yuzhan Technology (India) Pvt Ltd.	2.76 LPA
21	SUNIL A	Yuzhan Technology (India) Pvt Ltd.	2.76 LPA
22	VALAVAN ARASU P	Yuzhan Technology (India) Pvt Ltd.	2.76 LPA
23	VISWESVARAN S	Yuzhan Technology (India) Pvt Ltd.	2.76 LPA

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
-	-	-	-

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
-	-	-	-	-

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1	ONE DAY WORKSHOP ON DEVOPS AND AWS	DESIGN CLUB	26.07.2025	State	80
2	CAREER AND ENTREPRENEURSHIP IN THE POWER SECTOR	IEI AND MECHANICAL ENGINEERING	09.08.2025	State	300
3	REVOLUTIONIZING MECHANICAL ENGINEERING: THE POWER OF CLOUD, IOT, AND AI	ISTE AND MECHANICAL ENGINEERING	21.08.2025	State	120
4	EMERGING OPPORTUNITIES MEGA TRENDS OF AN AUTO INDUSTRY	SAE INDIA AND MECHANICAL ENGINEERING	13.09.2025	State	80
5	PRODUCT LIFE CYCLE MANAGEMENT(PLM)	DEPARTMENT PLACEMENT CELL	30.08.2025	State	50
6	ADVANCED MANUFACTURING TECHNIQUES FOR ELECTRIC VEHICLES IN INDUSTRY 4.0	ASM, MECH, MECHATRONICS	08.08.2025	State	300
7	THE POWER OF MEDITATION IN	HEALTH AND YOGA CLUB	24.01.2026	State	60

	IMPROVING LEARNING ABILITY				
8	SDG FOR ENGINEERS	SAE INDIA AND MECHANICAL ENGINEERING	29.01.2026	State	250
9	EFFECTS OF OVER-THE -COUNTER MEDICATIONS ON HEALTH AND WELL BEING	HEALTH AND YOGA CLUB	31.01.2026	State	60
10	BIOMECHANICAL IMPLICATION OF LIFESTYLE-INDUCED DISORDERS AND THE ROLE OF POSTURAL CORRECTION IN PHYSIOTHERAPY PRACTICE	HEALTH AND YOGA CLUB	14.02.2026	State	60

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized by	Date of Event	Level (State / National / International)	No. of Participants
-		-	-	-	-

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1.	N.Manish	Taekwondo	Pondicherry state	Gold
2.	N.Manish	Taekwondo	Pondicherry state	Gold
3.	N.Manish	7th State Wrestling Championship	Pondicherry state	Silver
4.	Ajith C, Dharani E, Kirubanithi K, Prabakaran P	INNOVATORS DAY – 2025 (Mega Project Contest)	SMVEC	First Prize
5.	K.Kirubanithi,	Think fest	CMR THINKFEST 2.0, CMR College of Engineering	Top 10 Teams (Sixth Place)
6.	E.Dharani	Smart India	GL Bajaj, Institute	First Prize, Rs.

		Hackathon-2025	of Technology & Management	1,50,000
7.	M.Sri Nivaas	Technical Quiz	Christ College of Engineering and Technology	First Prize
8.	Abdul Raseeth A, Mohamed Faazil M, Richard S, Thirukumaran D	Science Tech Fest	Dhanalakshmi Srinivasan University	First Prize
9.	Sanjeev Parthi V, Vignesh M	INAE YOUTH CONCLAVE 2025	Anurag University	7th Position among 250 teams
10.	M.Vignesh	Livestock Hackethon	Kumaraguru College of Engineering	Participated
11.	M.Vignesh	Workshop on Cybersecurity	Prime Vector	Course Completed
12.	S.Rakesh Kumar, Reno	Paper Presentation	Vellamal Institute of Technology	First Prize
13.	S.Ahilan	Paper Presentation	Vellamal Engineering College	Participated
14.	S.Ahilan	AI Impact Buildathon	GUVI HCL	Participated
15.	S.Ahilan	Workshop on Python	Top Engineers	Participated
16.	S.Ahilan	Boot Camp on Cybersecurity	Shiv Nadar University	Participated
17.	S.Ahilan	IBM Dev Day	IBM	Participated
18.	S.Ahilan	Advent of Cyber	Tryhackme	Participated
19.	R.Naresh, G.Muralidharan, R. Dhiyaneswar, S.DharaniDharan, K. Sumirsun	Elect-Era-2026	Coimbatore institute of Technology	Participated
20.	S.Ahilan	Workshop on Power BI	SRM	Participated
21.	S.Richard	Project Expo	Dhanalakshmi Srinivasan University	First Prize
22.	S.Dhilip Kumar	Workshop on Industrial Automation & Robotics	Velammal Institute of Technology	Participated
23.	J. Malcolm Antony	Paper Presentation	Velammal Institute of Technology	Participated
24.	Kanishka C	Paper Presentation	Velammal Institute of Technology	Participated

25.	Abinaya B	Paper Presentation	Velammal Institute of Technology	Participated
26.	Sabarinathan S	Paper Presentation	Velammal Institute of Technology	Participated
27.	Praveen Kumar S	Workshop on Industrial Automation & Robotics	Velammal Institute of Technology	Participated
28.	Ganeshram G	Paper Presentation	Velammal Institute of Technology	Participated
29.	Mathu Nithesh	Workshop on Industrial Automation & Robotics	Velammal Institute of Technology	Participated

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1.	Dr.D.Karunakaran	Webinar - Resource person
2.	Dr.D.Karunakaran	Seminar - Resource person
3.	Dr. L.Martin	FDP - Resource person
4.	Dr.K.Hemalatha	FDP-Resource person

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1.	NIL	NIL

9.4 Awards / Prizes and Recognition received by teachers at University, State, National and International level

S.No	Name of the Faculty	Name of Awards / Recognition
1.	Dr.D.Karunakaran	Adarsh Vidyaratna Samman 2025
2.	Dr.D.Karunakaran	NPTEL Believer
3.	Dr.D.Karunakaran	NPTEL Motivated Learner
4.	Dr. L.Martin	IIC Regional Meet- Participated
5.	Mr.A.Giriprasath	NPTEL Discipline Star

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	Dr. A.A.Arivalagar	Technical Communication for Engineers	NPTEL FDP	4 weeks
2.	Dr.D.Karunakaran	AI in Education: Tools and Trends in Teaching	MLR Institute of Technology	6
3.	Dr.T.Coumaressin	Innovative Applications of AI, ML and IOT in Engineering: Trends and	GMR Institute of Technology	5

		Future Perspectives		
4.	Dr. L.Martin	Emerging Materials and Advanced Technologies for Sustainability	Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Enginering College	6
5.	Dr.P.Jayakumar	Green Hydrogen and Advanced Storage Technologies for a Sustainable and Carbon-Free Future	GRT Institute of Engineering and Technology	6
6.	Mr.A.Jeyachandran	Quantum AI: Educating the Next Generation of Professionals	Sri Venkateswara College of Engineering	5
7.	Mr.A.Jeyachandran	Recent Trends and Advancements in Mechanical Science	Rathinam Technical Campus	6
8.	Mr.A.Jeyachandran	Green Hydrogen and Advanced Storage Technologies for a Sustainable and Carbon-Free Future	GRT Institute of Engineering and Technology	6
9.	Dr.J.Pavalavana Pandian	Cloud Enabled Deep Learning with Enhanced Security Protocols	RGM College of Engineering and Technology	5
10.	Dr.L.Martin	Empowering Change: Energy Technologies and Sustainable Development	E.G.S. Pillay Engineering College	6
11.	Dr.B.Ilangovan	Agricultural Waste Volorization	Rathinam Technical Campus	6
12.	Mr.A.Giriprasath	Cloud Enabled Deep Learning with Enhanced Security Protocols	RGM College of Engineering and Technology	5
13.	Mr.A.Giriprasath	Design Thinking & Innovation for Engineering Interdisciplinary Academics	Dhaanish Ahmed Institute of Technology and University of Edenberg	5
14.	Mr.A.Giriprasath	Recent Trends and Advancements in Mechanical Science	Rathinam Technical Campus	6
15.	Mr.A.Giriprasath	Empowering Change: Energy Technologies and Sustainable Development	E.G.S. Pillay Engineering College	6
16.	Mr.A.Giriprasath	Applications of AI in Automobile Engineering	Rustamji Institute of Technology	6
17.	Mr.A.Giriprasath	Artificial Intelligence and Machine Learning	Rajiv Gandhi University	5
18.	Mr.A.Giriprasath	Artificial Intelligence for	Dr.M.G.R.	5

		Mechanical Industry	Educational and Research Institute	
19.	Mr.A.Giriprasath	Emerging Materials and Advanced Technologies for Sustainability	Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Enginering College	6
20.	Mr.A.Giriprasath	Quantum AI: Educating the Next Generation of Professionals	Sri Venkateswara College of Engineering	5
21.	Mr.A.Giriprasath	Smart Manufacturing and Industry 4.0: Bridging the Gap between Academia and Industry	Amity University	6
22.	Mr.A.Giriprasath	Green Hydrogen and Advanced Storage Technologies for a Sustainable and Carbon-Free Future	GRT Institute of Engineering and Technology	6
23.	Mr.A.Giriprasath	Sustainable Development through Renewable Energy Integration	Engineering College, Bikaner	6
24.	Mr.M.Gunasekar	Artificial Intelligence for Mechanical Industry	Dr.M.G.R. Educational and Research Institute	5
25.	Mr.M.Gunasekar	Smart Manufacturing and Industry 4.0: Bridging the Gap between Academia and Industry	Amity University	6
26.	Mr.M.Gunasekar	Green Hydrogen and Advanced Storage Technologies for a Sustainable and Carbon-Free Future	GRT Institute of Engineering and Technology	6
27.	Mr.M.Gunasekar	Sustainable Development through Renewable Energy Integration	Engineering College, Bikaner	6
28.	Mr.M.Gunasekar	AI-Driven Advances in Mechanical Engineering	Shreeyash Pratishthan's, Shreeyash College of Engineering & Technology	6
29.	Mr.M.Gunasekar	Applications of AI in Automobile Engineering	Rustamji Institute of Technology	6
30.	Mr.M.Gunasekar	Design Thinking & Innovation for Engineering Interdisciplinary Academics	Dhaanish Ahmed Institute of Technology and University of Edenberg	5

31.	Mr.M.Gunasekar	Empowering Change: Energy Technologies and Sustainable Development	E.G.S. Pillay Engineering College	6

9.6 Best Practices followed by the Department.

S.No	Best Practice	Description
1	Industry Interaction and Guest Lectures	Regular guest lectures, seminars, and technical talks are organized with experts from industries and academia to expose students to recent technological advancements and industry expectations.
2	Mentoring System	Each faculty member acts as a mentor for a group of students to monitor their academic performance, attendance, personal development, and career guidance.
3	ICT in Teaching	Modern teaching tools such as PowerPoint presentations, online learning platforms, simulation software, and digital resources are used to enhance the effectiveness of classroom teaching.
4	Industrial Visits and Internships	Regular industrial visits and internship opportunities are arranged for students to gain exposure to modern industrial processes, machinery, and professional work environments.

9.7 List three distinguished alumni of the department from the recent passes-out batch.

S.No	Name of the Alumni	Contact Details
1	Shanmugapriya V	Ford Chennai-9003713639
2	Vignesh R	ETON Power Quality Pvt Ltd- 8870071319
3	Hari Prasanna M	SRINSOFT TECHNOLOGY-9384778029

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Recommendations:

Criteria	Remarks
Curricular Aspects	Verified
Teaching, Learning and Evaluation	Verified
Structured Feedback	Verified
Research, Innovation and Publications	Needs improve the Funded project and consultancy work Needs to improve the publications of international journals
Collaborations and Linkages	Verified
Student Progression	Verified and students more participation required
Activity Conducted / Organized by the Department	Verified
Achievements	Verified
General Remarks	Further focus is required on strengthening research activities and enhancing faculty achievements.

Name and Signature
Dr.S.B.Lenin
Professor /Dept.of ECE

Name and Signature
Dr.S.GaneshKumar
Associate Professor/ Dept. of EEE

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

INSTRUMENTATION AND CONTROL ENGINEERING

ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENTS
Academic Year 2025-2026
Internal Audit (ODD 2025)

SECTION –1: BASIC INFORMATION

Audit Date	13.03.2026
Name of the Department	Instrumentation and Control Engineering
Year of Establishment	2002
Head of the Department	Dr. P. Arunagiri
Programs Offered	Name of the Program: B.Tech; Approved Intake: 60
Programs Discontinued if any	

Number of full time Teachers

Designation	Available	Sanctioned	Filled
Professor	1	1	1
Associate Professor	3	2	3
Assistant Professor	11	6	11

Number of Technical Staff

Number of Students

For UG -------:

Year	M	F	Total
First Year	32	19	51
Second Year	40	21	61
Third Year	25	24	49
Fourth Year	31	15	46
Total	128	79	207

For PG ------:

Year	M	F	Total
First Year			
Second Year			
Total			

Faculty Student Ratio: For UG -------: 1:14; For PG-------- NIL

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	
2	Faculty Subject Preferences	Yes	
3	Elective choices from the Students	Yes	
4	Course allotment to the Faculty	Yes	
5	Time Table (UG and PG)	Yes	
6	Lesson plan for each course	Yes	

2.2 Curriculum/syllabus revision

S.No	Program Name	Regulation	Last Revised on
1	B.Tech - Instrumentation and Control Engineering	R-2023	20.03.2025

Summary of changes in Curriculum/syllabus

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus
• Updated curriculum aligned with recent industry requirements and emerging technologies. • Inclusion of AI, IoT, and advanced automation concepts. • Mini projects, internships, and major projects for industry exposure. • Skill enhancement and certification courses to improve employability. • Focus on interdisciplinary and industry-relevant subjects. • Emphasis on innovation, research, and problem-solving skills.	• **Professional Elective Bucket (PEB) system for specialization in Control, Instrumentation, Electronics, Electrical, and Computing.** • **Introduction of AI Tools for Instrumentation Engineers and Machine Learning for Control Systems Integration of Industry 5.0 concepts in the curriculum.** • **Mini project, internship, and two-phase major project for practical exposure.**

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	III / V	Professional Elective II Calibration Systems	U23ICE505	49
2	IV / VII	Professional Elective - IV Power Plant Instrumentation	U20ICE716	46

2.4 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1	III / V	**MBA**	Open Elective I New Product Development	U23HSOC02	49
2	IV / VII	**AI&DS**	Open Elective – IV Artificial Intelligence Applications	U20ADO706	46

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	II / III	Skill Enhancement Course I Application of Arduino	U23ICS301	60

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	II / III	Certification Course III IOT Using Python	U23ICC352	60
2	III / V	Certification Course V Cyber Security	U23ICC592	49

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	II / III	Climate Change	U23ICM303	60
2	III / V	Essence of Indian Traditional Knowledge	U23ICM505	49
3	IV / VII	Professional Ethics	U20ICM707	46

2.8 List of Add-on/Value Added/MOOC Courses conducted by the department

S.No	Year / Sem	Name of the Course	Course Code	Number of Students Registered	Number of Students Successfully Completed
NIL					

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery
ODD Semester
Semester: IV Year / VII Semester (2022 – 2026)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Computer Control of Processes / U20ICT717	Mrs. T. Sudha	45	45	45
2.	Process Automation / U20ICT718	Mr.W.Godfrey Daniel	45	45	45
3.	Professional Elective - IV - Power Plant Instrumentation / U20ICE716	Dr.M.Rekha	45	45	45
4.	Open Elective – IV Artificial Intelligence Applications / U20ADO706	Ms.M.Subashini	45	45	45
5.	Business Basics for Entrepreneur /U20HSP703	Mr.S.Amaresh	30	30	30
6.	Computer Control of Processes Lab / U20ICP712	Mrs. T. Sudha	30	30	30
7.	Process Automation Lab/ U20ICP713	Mr.W.Godfrey Daniel	30	30	30

Year / Semester: III Year / V Semester - (2023-2027)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Research Methodology / U23HSTC02	Dr.P.Arunagiri	30	30	30
2	Programming in Java / U23ITTC02	Dr. Sathiyapoobalan S	45	45	45
3	Industrial Instrumentation / U23ICT505	Ms. C.MuthuPraba	45	45	45
4	Embedded System Design / U23ICT506	Mrs. P. Kiruthika	45	45	45
5	Professional Elective II Calibration Systems / U23ICE505	Mr.W.Godfrey Daniel	45	45	45
6	Open Elective I New Product Development / U23HSOC02	Mrs.B.Geetha	45	45	45
7	Programming in Java Laboratory / U23ITPC02	Dr. Sathiyapoobalan S	30	30	30
8	Embedded System Design Laboratory / U23ICP506	Mrs. P. Kiruthika	30	30	30
9	Industrial Instrumentation Laboratory / U23ICP507	Dr. K. NaveenKumar Ms. C.MuthuPraba	30	30	30

Year / Semester: II Year / III Semester - (2024-2028)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Probability and Statistics / U23MATC03	Mrs. T.Kalaiselvi	60	60	60
2	Programming in Python / U23ADTC01	Dr.S. Sathiyapoobalan	45	45	45
3	Linear Integrated Circuits / U23ICTC01	Mr. J. Jeevanantham	45	45	45
4	Digital Logic Circuits / U23ICTC02	Dr. K. NaveenKumar	45	45	45
5	Electrical and Electronic Instrumentation / U23ICT303	Ms. C.MuthuPraba	45	45	45
6	Circuit Theory / U23ICB301	Dr. D. Sivanandakumar	60	60	60
7	General Proficiency – I /	Ms.V. Vasumathi	30	30	30
8	Engineering MathematicsLaboratory	Ms.S.Gokila	30	30	30
9	Programming in Python Laboratory	Dr. Sathiyapoobalan S	30	30	30
10	Linear and Digital Integrated Circuits Laboratory	Mr. J. Jeevanantham	30	30	30

Year / Semester: I Year / I Semester - (2025-2029)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Engineering Mathematics - I / U23MATC01	Mrs Chandrapraba	60	60	60
2	Physical Science for Engineers / U23BSTC01	Dr. Samuel (Physics) / Ms. Sivaranjani (Chemistry)	45	45	45
3	Basics of Civil and Mechanical Engineering / / U23ESTC01	Dr. M. Elangovan (Mechanical) / Mr M.C.K Jaminraja (Civil)	45	45	45
4	Problem Solving Approach / U23CSTC02	Dr. S. Sathiyapoobalan	45	45	45
5	Fundamentals of Electrical Machines / U23ICT101	Dr. D. Sivanandakumar	45	45	45
6	Communicative English - I / U23ENBC01	Ms. Jasmine	60	60	60
7	Design Thinking and IDEA Laboratory / U23ESPC02	Dr. L. Martin	30	30	30
8	Problem Solving Approach Laboratory / U23 ICP101	Dr. S. Sathiyapoobalan	45	45	45
9	Fundamentals of Electrical Machines Laboratory / U23ICP102	Mr B. Parthiban	45	45	45

3.2 Use of ICT Tools in Teaching Learning
Year / Semester: IV Year / VII Semester (2022 – 2026)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs. T. Sudha	Computer Control of Processes / U20ICT717	PPT, Video, Chalk & Board, LMS
2	Mr.W.Godfrey Daniel	Process Automation / U20ICT718	PPT, Video, Chalk & Board, LMS
3	Dr.M.Rekha	Professional Elective - IV - Power Plant Instrumentation / U20ICE716	PPT, Video, Chalk & Board, LMS
4	Ms.M.Subashini	Open Elective – IV Artificial Intelligence Applications / U20ADO706	PPT, Video, Chalk & Board, LMS

Year / Semester: III Year / V Semester - (2023-2027)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.P.Arunagiri	Research Methodology / U23HSTC02	PPT, Chalk & Board, LMS
2	Dr. Sathiyapoobalan S	Programming in Java /	PPT, Video, Chalk & Board,

		U23ITTC02	LMS
3	Ms. C.MuthuPraba	Industrial Instrumentation / U23ICT505	PPT, Video, Chalk & Board, LMS
4	Mrs. P. Kiruthika	Embedded System Design / U23ICT506	PPT, Video, Chalk & Board, LMS
5	Mr.W.Godfrey Daniel	Professional Elective II Calibration Systems / U23ICE505	PPT, Video, Chalk & Board, LMS
6	Mrs.B.Geetha	Open Elective I New Product Development / U23HSOC02	PPT, Video, Chalk & Board, LMS

Year / Semester: II Year / III Semester - (2024-2028)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs. T.Kalaiselvi	Probability and Statistics / U23MATC03	PPT, Chalk & Board, LMS
2	Dr.S. Sathiyapoobalan	Programming in Python / U23ADTC01	PPT, Video, Chalk & Board, LMS
3	Mr. J. Jeevanantham	Linear Integrated Circuits / U23ICTC01	PPT, Video, Chalk & Board, LMS
4	Dr. K. NaveenKumar	Digital Logic Circuits / U23ICTC02	PPT, Video, Chalk & Board, LMS
5	Ms. C.MuthuPraba	Electrical and Electronic Instrumentation / U23ICT303	PPT, Video, Chalk & Board, LMS
6	Dr. D. Sivanandakumar	Circuit Theory / U23ICB301	PPT, Video, Chalk & Board, LMS
7	Ms.V. Vasumathi	General Proficiency – I /	PPT, Video, Chalk & Board, LMS

Year / Semester: I Year / I Semester - (2025-2029)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs Chandrapraba	Engineering Mathematics - I / U23MATC01	PPT, Chalk & Board, LMS
2	Dr. Samuel (Physics) / Ms. Sivaranjani (Chemistry)	Physical Science for Engineers /U23BSTC01	PPT, Video, Chalk & Board, LMS
3	Dr. M. Elangovan (Mechanical) / Mr M.C.K Jaminraja (Civil)	Basics of Civil and Mechanical Engineering / U23ESTC01	PPT, Video, Chalk & Board, LMS
4	Dr. S. Sathiyapoobalan	Problem Solving Approach / U23CSTC02	PPT, Video, Chalk & Board, LMS
5	Dr. D. Sivanandakumar	Fundamentals of Electrical Machines / U23ICT101	PPT, Video, Chalk & Board, LMS
6	Ms. Jasmine	Communicative English - I / U23ENBC01	PPT, Video, Chalk & Board, LMS

3.3 List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1.	Fundamentals and Advances in Calibration Systems	Mr. Manikandan Senior Executive, Accent Pharma Ltd.,	26.07.2025	III Year
2	Workshop on "Robotics & IOT"	Mr.Asborn.T Engineering Manager R&D - AI&IOT MRL Tech Solutions Pvt.Ltd.	19.08.2025 & 20.8.2025	II Year

3.4 Activities for Slow and Advanced Learners
Semester: IV Year /VII Semester (2022-2026)

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Computer Control of Processes/ U20ICT717	Mrs. T. Sudha	Yes	02	Yes
2	Process Automation/ U20ICT718	Mr.W.Godfrey Daniel	Yes	02	Yes
3	Power Plant Instrumentation/ U20ICE716	Dr.M.Rekha	Yes	02	Yes
4	Artificial Intelligence Applications/ U20ADO706	Ms.M.Subashini	Yes	02	Yes

Year/Semester: III Year /V Semester (2023-2027)

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Research Methodology/ U23HSTC02	Dr.P.Arunagiri	Yes	05	Yes
2	Programming in Java/ U23ITTC02	Dr. Sathiyapoobalan S	Yes	05	Yes
3	Industrial Instrumentation/ U23ICT505	Ms. C.MuthuPraba	Yes	02	Yes
4	Embedded System Design/ U23ICT506	Mrs. P. Kiruthika	Yes	02	Yes
5	Calibration Systems/ U23HSOC02	Mr.W.Godfrey Daniel	Yes	02	Yes

Year/Semester: II Year /III Semester (2024-2028)

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Probability and Statistics/ U23MATC03	Mrs. T.Kalaiselvi	Yes	05	Yes
2	Programming in Python/ U23ADTC01	Dr.S. Sathiyapoobalan	Yes	05	Yes
3	Linear Integrated Circuits/ U23ICTC01	Mr. J. Jeevanantham	Yes	03	Yes

4	Digital Logic Circuits/ U23ICTC02	Dr. K. NaveenKumar	Yes	03	Yes
5	Electrical and Electronic Instrumentation/ U23ICT303	Ms. C.MuthuPraba	Yes	02	Yes
6	Circuit Theory/ U23ICB301	Dr. D. Sivanandakumar	Yes	05	Yes

Year/Semester: I Year /I Semester (2025-2029)

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Engineering Mathematics – I (U23MATC01)	Mrs.R.Chandrapraba	Yes	05	Yes
2	Physical Science for Engineers (U23BSTC01)	Dr.K.Samuvel (Physics) Ms.R.Sivaranjani (Chemistry)	Yes	05	Yes
3	Basics of Civil and Mechanical Engineering (U23ESTC01)	Dr.M. Elangovan (Mechanical) Dr..N.C.K. Jaminraja (Civil)	Yes	03	Yes
4	Problem Solving Approach (U23CSTC02)	Dr.S.Sathiyapoobalan	Yes	03	Yes
5	Fundamentals of Electrical Machines (U23ICT101)	Dr.D.Sivanandakumar	Yes	02	Yes
6	Communicative English – I (U23ENBC01)	Ms. S.Jasmine	Yes	04	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor allocation	Yes	
2	Class wise student profile record maintained.	Yes	
3	Mentor–mentee session record maintained.	Yes	

No. of Students in Department	Number of Mentors in the Department	Mentor : Mentee Ratio
207	14	15:1

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous assessment examination conducted as per the academic calender	Yes	
2	Is proper evaluation methods used for courses such as Employability Enhancement Courses, mandatory courses etc.,	Yes	
3	Details of internal marks awarded	**Yes**	
4	Any grievances raised in internal evaluation?	**No**	

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	
2	Correlation of COs with POs and PSOs for each course available	Yes	
3	Course Exit survey conducted	Yes	
4	Course Outcome Attainment Calculated	Yes	
5	Corrective Action Suggestion available for the courses where CO target is not attained	No	
6	Program exit survey conducted	Yes	
7	PSO and PO attainment through CO	**Yes**	
8	Corrective Action Suggestion available where PO target is not attained	**No**	

3.8 Student Performance in End Semester Examination

Semester I

Sr. No	Particular	UG	PG
1	Number of Students appeared	51	-
2	Number of All Clear Students	29	-
3	Number of Students passed with Distinction	02	-
4	Number of Students passed with First Class	28	-
5	Number of Students passed with Second Class	21	-
6	Number of Students Failed	22	-
7	Passing Percentage	57	-

Semester-III

Sr. No	Particular	UG	PG
1	Number of Students appeared	60	-
2	Number of All Clear Students	49	-
3	Number of Students passed with Distinction	8	-
4	Number of Students passed with First Class	38	-
5	Number of Students passed with Second Class	14	-
6	Number of Students Failed	11	-
7	Passing Percentage	81	-

Semester-V

Sr. No	Particular	UG	PG
1	Number of Students appeared	49	-
2	Number of All Clear Students	47	-
3	Number of Students passed with Distinction	10	-
4	Number of Students passed with First Class	35	-
5	Number of Students passed with Second Class	04	-
6	Number of Students Failed	02	-
7	Passing Percentage	96	-

Semester-VII

Sr. No	Particular	UG	PG
1	Number of Students appeared	46	-
2	Number of All Clear Students	45	-
3	Number of Students passed with Distinction	26	-
4	Number of Students passed with First Class	17	-
5	Number of Students passed with Second Class	03	-
6	Number of Students Failed	01	-
7	Passing Percentage	98	-

3.9 Student Performance of Outgoing Students

Sr. No	Particular	UG	PG
1	Number of outgoing students	42	-
2	Number of students successfully completed the program	42	-
3	Number of students completed the program with no backlogs	23	-
4	Number of students completed the program with backlogs	19	-

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Academic expert feedback on curriculum with analysis and action taken report	Yes	10	
2	Employer feedback on curriculum with analysis and action taken report	Yes	5	
3	Teacher feedback on curriculum with analysis and action taken report	Yes	5	
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes	206	
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	10	

6	Alumni feedback on curriculum with analysis and action taken report	Yes	20	
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	12	
8	Graduate (program) Exit Survey with analysis and action taken report	Yes	42	

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
	Dr K Naveenkumar	Two-Day National Seminar on "Next Generation Technology and Research Horizons in Medical Instrumentation"	ANRF	0.84	21.08.2025 - 22.08.2025 (2 Days)

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
NIL					

5.3 Faculty Publications (faculty-wise list)
Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors
1	2024-2025	17	01	325	9	2.5
2	2023-2024	03	01	298	8	-
3	2022-2023	13	05	122	15	2.8
4	2021-2022	10	11	115	14	-

Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	-
Number of Publications in International Journals	03
Number of Publications in National Conferences	05
Number of Publications in International Conferences	01
Number of Books / Book Chapters	01
Number of Patents (Filed)	12
Number of Patents Granted	-
Number of Design Patents (Filed)	-
Number of Design Patents Granted	-

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
		-		

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	Revolutionizing Industry 4.0 with MEMS-Based Energy Harvesting Solutions	K. Naveenkumar S. Sathiyapoobalan. C. Poongothai	FMDB Transactions on Sustainable Energy Sequence	Vol. 3, No. 1, pp. 30–38, July 2025 ISSN:2995-3995	Scopus
2	Cost-Efficient and Scalable PMU Placement Strategies for Enhanced Power Grid Monitoring and Management	K. Naveenkumar P. M. Bharath C. Poongothai	AVE Trends in Intelligent Management Letters	Vol. 1, No. 2, pp. 83–96, July 2025. ISSN:3069-1117	Scopus
3	Design and Analysis of a Reconfigurable Triangular Microstrip Patch Antenna for C-Band Television Applications	P. Arunagiri K. Naveenkumar D. Meena	FMDB Transactions on Sustainable Energy Sequence	Vol. 3, No. 2, December 2025. ISSN : 2995 3995	Scopus

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1.	Enabling Sustainable Learning Environments Using AI and Immersive Technologies in Education 5.0	Dr. Naveenkumar kaliyan Jeevanantham J	Reimagining Education 5.0 Emerging Technology in Sustainable Future	29.11.2025 – 30.11.2025	-	SMVEC, Puducherry
2.	Sustainable and Adaptive Education Through Extended Reality	Dr.P.Arunagiri	Reimagining Education 5.0 Emerging Technology in Sustainable Future	29.11.2025 – 30.11.2025	-	SMVEC, Puducherry
3.	IoT-Driven Smart Classrooms for Interactive Education	Dr D. Sivanandakumar	Reimagining Education 5.0 Emerging Technology in Sustainable Future	29.11.2025 – 30.11.2025	-	SMVEC, Puducherry
4.	AI-Powered Comprehensive Classroom Monitoring System Using Computer Vision and IoT for Enhanced Efficiency and Engagement	Dr.S.Sathiyapoobalan Godfrey Daniel W	Reimagining Education 5.0 Emerging Technology in Sustainable Future	29.11.2025 – 30.11.2025	-	SMVEC, Puducherry
5.	Emotion-Sensitive Immersive Learning System	Dr. M. Rekha Mrs. T. Sudha	Reimagining Education 5.0 Emerging Technology in Sustainable Future	29.11.2025 – 30.11.2025	-	SMVEC, Puducherry

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1.	An Exclusive Survey on Embedded Metamaterial and Superstrate Metamaterial Antennas	Rasheeda Bibi, P Arunagiri, E Aravindraj, G Nagarajan	International Conference on Emerging Technologies in Engineering Applications (ICETEA) 2025	05.06.2025 - 06.06.2025	979-8-3315-1485-3	SMVEC, Puducherry

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1.	IoT In Industrial Automation	Dr. G. Mahendran Dr P Arunagiri Mr. M. Karthikeyan Dr. S. Renganathan Dr. T. Vandarkuzhali	978-93-47046-70-4	RK Publications

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	SMVEC	Dr. D Sivanandakumar Dr. P. Arunagiri	Smart Battery Degradation Prediction for Hybrid Electric Vehicles	202541083173 A & 24/10/2025	India	Applied
2	SMVEC	W. Godfrey Daniel Dr. K. Naveenkumar D.Sivanandakumar J. Jeevanantham Dr. S.Sathiyapoobalan	Lora And Iot Based Real Time Refinery Monitoring and Automated Control System	202541083180 A & 26/09/2025	India	Applied
3	SMVEC	Dr. P. Arunagiri Dr. K. Naveenkumar J. Jeevanantham S.sathiyapoobalan D.sivanandakumar	Smart Food Security with Integrated Spectral and Ph Sensing and IOT	202541083181 A & 26/09/2025	India	Applied
4	SMVEC	C. Muthu Praba T.Sudha Dr. P. Arunagiri Dr. M. Rekha	Power Generation Using Thermoelectric Generator Integrated with Solar Radiation	02541083182 A & 26/09/2025	India	Applied
5	SMVEC	T.Sudha Dr. P. Arunagiri C. Muthu Praba Dr. M. Rekha P. Kiruthika	Personalized Music Therapy for Stress Alleviation with Real-Time Monitoring and Digital Twins	202541083207 A & 26/09/2025	India	Applied
6	SMVEC	Dr. K. Naveenkumar Dr. P. Arunagiri W.Godfrey Daniel	Smart Shopping Trolley with Automated Billing	202541087513 A & 17/10/2025	India	Applied

		J. Jeevanantham Dr. D. Sivanandakumar Dr.S. Sathiyapoobalan	and Payment System			
7	SMVEC	Dr.M. Rekha C. Muthuprabha T. Sudha Dr.P. Arunagiri Dr. K. Naveenkumar	Automatic Fire Detection and Control Using Projectile Extinguishing	202541087514 A & 17/10/2025	India	Applied
8	SMVEC	J. Jeevanantham Dr. K. Naveenkumar Dr. P. Arunagiri Dr.S. Sathiyapoobalan Dr. D. Sivanandakumar	Micro Controller Based Automated Anti-Collision Braking System	202541087515 A & 17/10/2025	India	Applied
9	SMVEC	Mr. J. Jeevanantham Dr.K. Naveenkumar Dr.M. Rekha T. Sudha	Enhance CSTR System Performance Using Hybrid Control Strategies with Intelligent Optimization	202541087516 A & 17/10/2025	India	Applied
10	SMVEC	Dr. D. Sivanandakumar Dr. P. Arunagiri Dr. K. Naveenkumar J. Jeevanantham W. Godfrey Daniel	Health Monitoring and Fault Detection in Power Distribution Transformer Using SCADA	202541087517 A & 17/10/2025	India	Applied
11	SMVEC	Dr.K. Naveenkumar Dr. D. Sivanandakumar Dr. M. Rekha Mrs. T. Sudha Mr. J. Jeevanantham Mr. W. Godfrey Daniel Mr. N. Muthukumaran Mrs. R. Revathi	MEMS based energy harvesting for industrial application	-	India	Under Progress
12	SMVEC	Mrs. T. Sudha Mr. J. Jeevanantham Dr. M. Rekha Dr. D. Sivanandakumar Dr. K. Naveenkumar Mr. W. Godfrey Daniel Mr. N. Muthukumaran Mrs. R. Revathi	Garbage Collection Monitoring System using IOT with Optimized Collection Efficiency	-	India	Under Progress

Design Patent

S.No	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1.	Harish .S	Benlab	5 Days	08.12.2025	12.12.2025
2.	Hariprabu.U	Benlab	5 Days	08.12.2025	12.12.2025
3.	Raaghul.S	Chennai Petrochemical corporation Ltd.	5 Days	11.12.2025	15.12.2025
4.	Mohanapriya.M	Whirlpool of India Ltd.	5 Days	08.12.2025	12.12.2025
5.	Sharulakshmi .K	Whirlpool of India Ltd.	5 Days	08.12.2025	12.12.2025
6.	Monisha.J	Whirlpool of India Ltd.	5 Days	08.12.2025	12.12.2025

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1.				

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1.	Coromandel International Limited, Cuddalore	15.10.2025	I YEAR	51

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	Benlab	27.10.2025	Practical Training & Certification	3 Years
2.	Technocrat automation Pvt. Ltd	15.02.2024	Skill Development Placement Assistance	3 Years
3.	Emerald Global Automation India	08.02.2024	Placement Assistance Workshops & Seminars	3 Years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	31
Number of Students opted Higher Studies	02
Number of Entrepreneur	NIL

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1.	Rathika M	CTS GENC PRO	5.4L
2.	Namachivayam.	HEXAWERE	4.L
3.	Rathika M	MITSOGO	4.L
4.	Deepak Kumar R	CTS GENC	4L
5.	Kalyani V	CTS GENC	4L
6.	Ajai. P	TCS	3.35L
7.	Harishwaran.M	TCS	3.35L
8.	Amrish P	TCS	3.35L
9.	Toshikka G	TCS	3.35L
10.	Deepak Kumar R	TCS	3.35L
11.	Prisha A	MOTHERSON	2.5L
12.	Abishek.R	ZF CLOBAL BUSINESS	3.0L
13.	Ravindaran N	WORLD ONE AUTOMATION	2.5L
14.	Sanjai Kumar R G	WORLD ONE AUTOMATION	2.5L
15.	Ragurajan N	WORLD ONE AUTOMATION	2.5L
16.	Balakumaran M	WORLD ONE AUTOMATION	2.5L
17.	Anas S	WORLD ONE AUTOMATION	2.5L
18.	Nepolian. A	WORLD ONE AUTOMATION	2.5L
19.	Dinesh. R	WORLD ONE AUTOMATION	2.5L
20.	Goutham.K	EQUATION CALIBRARTIONS	2.2L
21.	Dharan S	EQUATION CALIBRARTIONS	2.2L
22.	Senguttuvan A	EQUATION CALIBRARTIONS	2.2L
23.	Yokesh U	BENLAB CALIBRARTIONS	2.0L
24.	Hemachandran V	BENLAB CALIBRARTIONS	2.0L
25.	Durga S	BENLAB CALIBRARTIONS	2.0L
26.	Sarumathy N	BENLAB CALIBRARTIONS	2.0L
27.	Vennila P	LUCAS -TVS	2.3 L After internship
28.	Mohan ram. S	LUCAS -TVS	2.3 L After internship
29.	Dhanushwar J P	LUCAS -TVS	2.3 L After internship
30	Logesh.D	DELPHI -TVS	2.3 L After internship
31	Balachandar	Varsha Automation	2.0L

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	Hemachandran V	Pondicherry Institute of Technology	M.Tech
2	Vishwa	Pondicherry Institute of Technology	M.Tech

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
NIL				

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1	Guest Lecture on "Fundamentals and Advances in Calibration Systems"	Department of Instrumentation and Control Engineering	26.07.2025	State	49
2	Workshop on "Robotics & IOT"	Department of Instrumentation and Control Engineering	19.08.2025 &20.8.2025	State	61

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized by	Date of Event	Level (State / National / International)	No. of Participants

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S. No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1.	Atchaya.S	Thirukkural Speech Competition	Puthuyugam Channel & Sriram Finance Tamil Ilakiya Kazhagam	2nd Place
2.	Atchaya.S	Elocution Competition	Sri Manakula Vinayagar Engineering College	2nd Place
3.	Kadiravan.	Reels Making Competition	Sri Manakula Vinayagar Engineering College	Gift Voucher (5000 Rs)
4.	Atchaya.S	Viksit Bharat Young Leaders Dialogue (VBYLD) 2026.(State Level)	Rashtriya Raksha University, Puducherry	1st Place
5.	V. Lawanya Sri	Best Short Film	Providence Women's College, Coonoor.	Special Jury Award
6.	Atchaya.S	Student as Chief Guest	Motilal Nehru Polytechnic College	Award
7.	Atchaya.S	Technical quiz	Kings Engineering College	2nd Place with Cash Prize
8.	Atchaya.S	Viksit Bharat Young Leaders Dialogue (VBYLD) 2026.(National Level)	Ministry of Sports and Youth Affairs,GOI,New Delhi.	Award
9.	Mohammad Abdul Kadhar	Technical quiz	Kings Engineering College	2nd Place with Cash Prize
10.	Atchaya.S	Paper presentation/ On the title "automated fire detection and extinguish using projectile extinguisher"	SRM Institute of Science and Technology,Chennai	1st Place
11.	Atchaya.S	Elocution Competition	Pondicherry Beautician And	1st Place

			Hairdressing Association	
12.	Atchaya.S	Elocution Competition	DMK IT wing	3rd Place
13.	Hema V	Technical Quiz	AVC College of Engineering, Mayiladuthurai	3rd Place
14.	Sharulakshmi K	Technical Quiz	AVC College of Engineering, Mayiladuthurai	3rd Place
15.	Misba Bee Bejaan S	Technical Quiz	AVC College of Engineering, Mayiladuthurai	3rd Place
16.	Yogethaa I	Electroino Quiz	Puducherry Technological University, Pondicherry	1st Prize
17.	Dharunesh M	Technical Quiz	Sri Manakula Vinayagar Engineering College	2nd place
18.	Sebastien Appaire	Technical Quiz	Sri Manakula Vinayagar Engineering College	2nd place

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1.	Dr.P.Arunagiri	Indian Society for Technical Education
2.	Mrs.T.Sudha	Instrumentation society of India
3.	Mr.W. Godfrey Daniel	International Association of Engineers (IAENG)
4.	Dr.D.Sivanandakumar	Indian Society for Technical Education
5.	Mr.J.Jeevanandham	Institute of Electrical and Electronics Engineers
6.	Mr.J.Jeevanandham	Instrumentation society of India
7.	Mr.J.Jeevanandham	Instrumentation society of India
8.	C. Muthu Praba	International Association of Engineers (IAENG)
9.	Dr.M.Rekha	Instrumentation society of India
10.	Dr.M.Rekha	Indian Society for Technical Education
11.	Mrs.T.Sudha	Indian Society for Technical Education
12.	Dr.K.Naveen Kumar	Indian Society for Technical Education
13.	Dr.K.Naveen Kumar	International Association of Engineers (IAENG)
14.	Dr.K.Naveen Kumar	Institution of Engineers (India)
15.	Mrs.R.Revathi	International Association of Engineers
16.	Mrs.R.Revathi	International Test and Evaluation Association
17.	Mr.N.Muthukumaran	Institute For Educational Research and Publication

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1.	Dr.K.Naveen Kumar	Reviewer(International Conference on Electrical Computer and Energy Technologies)
2.	Dr.K.Naveen Kumar	Reviewer(International Conference on Artificial Intelligence, Computer Data Sciences and Applications)
3.	Mrs.T.Sudha	Reviewer(IEEE International Conference on Emerging Technologies in Engineering Applications)
4.	Dr.M.Rekha	Reviewer(IEEE International Conference on Emerging Technologies in Engineering Applications)

9.4 Awards / Prizes and Recognition received by teachers at University, State, National and International level

S.No	Name of the Faculty	Name of Awards / Recognition
1.	Dr.K.Naveen Kumar	Paper Presented at 55th ISTE National Annual Faculty Convention (Paper Titled Enabling Sustainable Learning Environment using AI and Immersive Technologies in Education 5.0)

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	Dr.D. Sivanandakumar	Integration of Renewable Energy Sources into EV Charging Networks	ATAL sponsored organized by the Solamalai College of Engineering	6 Days
2	Mrs.T.Sudha	Artificial Intelligence's Impact on Transforming Software, Robotics, Electrical, Electronics & Mechanical fields	Dhaanish Ahmed College of Engineering, Chennai	6 Days
		Emerging Frontiers in Generative AI and Deep Learning	MEASI Institute of Information Technology	5 Days
		IP Awareness	Intellectual Property Office, India.	1 Day
		Autonomous Mobility and Digital Infrastructure for Future Ready Cities	ATAL sponsored organized by the A.V.C. College of Engineering	6 Days
3	Dr. M. Rekha	Introduction to mrubyfor Electric Vehicle control System: A Lightweight Approach to Battery Management	ATAL sponsored organized by Christ College of Engineering and Technology	6 Days
4	W. Godfrey Daniel	Research Documentation and Proposal writing, LaTex, IPR & Beyond	Department of EEE, CVR College of Engineering, Telangana	5 Days

9.6 Best Practices followed by the Department.

S.No	Best Practice	Description
1	Mentoring	Mentoring student to perform well in both academics and extracurricular activities.
2	GATE coaching	Mock test and classes conducted to prepare students for GATE exam.
3	Hands on Workshop	Hands on Workshop is conducted on every Saturday for students to enhance their employability and gain practical experience.

9.7 List three distinguished alumni of the department from the recent passes-out batch.

S.No	Name of the Alumni	Contact Details
1	Namasivayam S	6369357737
2	Deepak Kumar R	8122538102
3	Toshikka G	8489954976
4	Rathika M	9080548928

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Recommendations:

Criteria	Remarks
Curricular Aspects	**Good**
Teaching, Learning and Evaluation	**Good**
Structured Feedback	**Maintained Properly**
Research, Innovation and Publications	**Satisfactory**
Collaborations and Linkages	**Consultancy Works can be concentrated**
Student Progression	**Satisfactory**
Activity Conducted / Organized by the Department	**Conducted actively**
Achievements	**Need more students participation**
General Remarks	**Good**

Name and Signature

(Dr. S. Ganesh Kumaran)
Associate Professor / EEE

Name and Signature

SB.dm

(Dr. S. B. Lenin)
Professor / ECE

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

CIVIL ENGINEERING

ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENTS

Academic Year: 2025-2026

Internal Audit

SECTION –1: BASIC INFORMATION

Audit Date	13.03.2026
Name of the Department	Civil Engineering
Year of Establishment	2012
Head of the Department	Dr.S.Sundararaman
Programs Offered	Name of the Program: U.G Program -B.Tech Civil; Approved Intake: 60
Programs Discontinued if any	Nil
Number of full time Teachers	Professor: Available 02; Associate Professor: Available 01; Assistant Professor: Available 11 (Sanctioned / Filled blank)
Number of Technical Staff	
Number of Students	For UG: First Year 18 M, 4 F, 22 Total; Second Year 19, 6, 25; Third Year 16, 11, 27; Fourth Year 10, 02, 12; Total 63, 23, 86. For PG: First Year - - NA; Second Year - - NA; Total - - NA
Faculty Student Ratio	For UG - 1:15 / For PG : - Nil

SECTION –2: CURRICULAR ASPECTS

2.1. Academic Plan

Sl.No.	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	-
2	Faculty Subject Preferences	Yes	-
3	Elective choices from the students	Yes	-
4	Course allotment to the faculty	Yes	-
5	Time Table (UG and PG)	Yes	-
6	Lesson plan for each course	Yes	-

2.2. Curriculum/syllabus revision

Sl.No.	Program Name	Regulation	Last Revised on
1	B.Tech	R-2023	08.03.2025

2.3. List of Professional Elective Courses offered by the department

Sl.No.	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	III / V	**Professional Elective – II:** Green Building Technology	U23CEE510	27
2	IV / VII	**Professional Elective – IV:** Site Investigation Methods and Practices	U20CEE716	12

2.4. List of Open Elective Courses offered by other department

Sl.No.	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1.	III / V	MBA	**Open Elective – I:** Marketing Management	U23HSOC05	27
2.	IV / VII	ECE	**Open Elective – IV** IOT and its Applications	U20ECO705	12

2.5. List of Skill Development Courses offered by the department

Sl.No.	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	II / III	**Skill Enhancement Course – I:** Basic Vasthu	U23CES301	27
2	III / V	**Skill Development Course 4:** Career and Professional Skill Development Program - I	U20CES504	12
3	III / V	**Skill Development Course 5:** Presentation Skill using ICT	U20CES505	12

2.6. List of Certification Courses offered by the department.

Sl.No.	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1.	I / I	**Certification Course – I** Autodesk AutoCAD - ACU	U23CEC107	22
2.	II / III	**Certification Course – III** Total Station	U23CEC360	25
3.	III / V	**Certification Course – V** Autodesk 3ds Max - ACU	U23CEC511	27

2.7. List of Mandatory Courses offered by the department

Sl.No.	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1.	I / I	Induction Programme	U23CEM101	22
2.	II / III	Climate Change	U23CEM303	25
3.	III / V	Essence of Indian Traditional Knowledge	U23CEM505	27
4.	IV / VII	Professional Ethics	U20CEM707	12

2.8. List of Add-on/Value Added/MOOC Courses conducted by the department

Sl. No.	Year / Sem	Name of the Course	Course Code	Number of Students Registered	Number of Students Successfully Completed
1.	I / I	**Certification Course – I** Autodesk AutoCAD - ACU	U23CEC107	22	22
2.	II / III	**Certification Course – III** Total Station	U23CEC360	25	25
3.	III / V	**Certification Course – V** Autodesk 3ds Max - ACU	U23CEC511	27	27
4.	II/III	Innovation by Design	-	2	2
5.	II/III	Sustainable Engineering concept life cycle assessment	-	21	8
6.	III/V	Geotechnical Engineering Laboratory	-	7	4
7.	III/V	Sustainable Engineering concept life cycle assessment	-	1	1
8.	IV/VII	Sustainable Engineering concept life cycle assessment	-	6	3
9.	IV/VII	Introduction to Urban Planning	-	1	1

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

I Year / I Semester/ 2025-2029

S.No.	Course Title	Course Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Engineering Mathematics - I	U23MATC01	Mrs.S.Revathi	45	45	
2.	Physical Science for Engineers	U23BSTC01	Dr. K.Samuvel Dr. E.Bharathi	45	45	

3.	Basics of Civil and Mechanical Engineering	U23ESTC01	Mr.M. Karthikeyan Dr. J.Pavalavana Pandian	45	45	
4.	Engineering Mechanics	U23ESTC02	Mr. S.Sasidharan	45	45	
5.	Basics of Electrical and Electronics Engineering	U23ESTC03	Mr.J. Muruganandham	45	45	
THEORY CUM PRACTICAL						
6.	Communicative English-I	U23ENBC01	Dr. A.Velmurugan	45	45	
PRACTICAL						
7.	Basics of Electrical and Electronics Engineering Laboratory	U23ESPC01	Mr.J. Muruganandham	30	30	
8.	Design Thinking and Idea Lab	U23ESPC02	Mrs.Dr.C.Raj Govind	30	30	
9.	Civil Engineering Practice Laboratory	U23CEP101	Mr. M. Karthikeyan	30	30	

II Year / III Semester / 2024-2028

S.No.	Course Title	Course Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Probability and Statistics	U23MATC03	Mr. M. K. Gurusamy	45	45	53
2.	Programming in Python	U23ADTC01	Mrs. K. Jeevitha	45	45	54
3.	Fluid Mechanics and Machinery	U23CET303	Mr.MCK.Jamenraja	45	45	51
4.	Construction Techniques Equipment Practice	U23CET304	Mrs. A. Kalyani	45	45	51
5.	Mechanics of Solids - II	U23CET305	Mrs. J. Jayapriya	45	45	55
THEORY CUM PRACTICAL						
6.	Surveying and Geomatics	U23CEB301	Mr. R. Badhrinadhan	45	45	43
PRACTICAL						
7.	General Proficiency I	U23ENPC01	Mrs.K.Madanavathy	30	30	26
8.	Engineering Mathematics Laboratory	U23MAPC01	Mrs. B. Kavitha	30	30	26
9.	Programming in Python Laboratory	U23ADPC01	Mrs. R. Abirami	30	30	25
10.	Fluid Mechanics and Machines Laboratory	U23CEP303	Mr.MCK.Jamenraja	30	30	26

III Year / V Semester / 2023-2027

S.No.	Course Title	Course Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Research Methodology	U23HSTC02	Dr. C. Raj Govind	60	60	54
2.	Programming in Java	U23ITTC03	Mrs. L.Durgadevi	45	45	45
3.	Foundation Engineering	U23CET508	Mr. K. Srinivasan	45	45	45
4.	Water supply and Wastewater Engineering	U23CET509	Dr. S. Jayakumar	45	45	45
5.	**Professional Elective - II** Green Building Technology	U23CEE510	Mr.V.Murugappan	45	45	45
6.	**Open Elective – I** Marketing Management	U23HSOC05	Ms. R. Keerthana	45	45	45
PRACTICAL						
7.	Programming In Java Laboratory	U23ITPC03	Mrs. L.Durgadevi	30	30	30
8.	Water and Wastewater Engineering Laboratory	U23CEP505	Mr. K. Srinivasan	30	30	30
9.	REVIT Architecture Laboratory	U23CEP506	Mrs. J. Jayapriya	30	30	30
PROJECT WORK						
10.	Micro Project	U23CEW501	Mrs. D.Sathiyashree	30	30	30

IV Year / VII Semester / 2022-2026

S.No.	Course Title	Course Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Construction Management	U20CET718	Mr. C. Raj Govind	45	45	45
2.	Hydrology and Water Resource Engineering	U20CET719	Mr.J.Subash Chandra Boss	45	45	45
3.	**Professional Elective - IV** (Site Investigation Methods and Practices)	U20CEE716	Dr. S. Sundararaman	45	45	45
4.	**Open Elective – IV** (IoT and its Applications)	U20EC0705	Ms.A.Arthy	45	45	45
PRACTICAL						
5.	Business Basics for Entrepreneur	U20HSP703	Ms. T. Divya	30	30	30
6.	Irrigation and Environmental	U20CEP715	Mr.J.Subash Chandra Boss	30	30	30

	Engineering Drawing					
7.	Simulation Software Laboratory (Ansys)	U20CEP716	Mr.V.Murugappan	30	30	30
8.	Comprehensive Viva Voce	U20CEP717	Mrs.P.Saranya	30	30	30
PROJECT WORK						
9.	Project Phase – I	U20CEW701	Dr. S. Sundararaman	30	30	30

3.2 Use of ICT Tools in Teaching Learning

S.No.	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mrs.S.Revathi	Engineering Mathematics - I	PPT/Lecture Videos, Digital writing Board
2.	Dr. K.Samuvel Dr. E.Bharathi	Physical Science for Engineers	PPT/Lecture Videos
3.	Mr. M. Karthikeyan Dr. J.Pavalavana Pandian	Basics of Civil and Mechanical Engineering	PPT/Lecture Videos
4.	Mr. S.Sasidharan	Engineering Mechanics	PPT/Lecture Videos, Digital writing Board
5.	Mr. J. Muruganandham	Basics of Electrical and Electronics Engineering	PPT/Lecture Videos
6.	Dr. A.Velmurugan	Communicative English I	PPT/Lecture Videos ,Digital writing Board
7.	Mr. M. K. Gurusamy	Probability and Statistics	PPT/Lecture Videos
8.	Mrs. K. Jeevitha	Programming in Python	PPT/Lecture Videos, Digital writing Board
9.	Mr.MCK.Jamenraja	Fluid Mechanics and Machinery	PPT/Lecture Videos
10.	Mrs. A. Kalyani	Construction Techniques Equipment Practice	PPT/Lecture Videos , Digital writing Board
11.	Mrs. J. Jayapriya	Mechanics of Solids II	PPT/Lecture Videos
12.	Mr. R. Badhrinadhan	Surveying and Geomatics	PPT/Lecture Videos
13.	Dr. C. Raj Govind	Research Methodology	PPT/Lecture Videos
14.	Mrs. L.Durgadevi	Programming in Java	PPT/Lecture Videos
15.	Mr. K. Srinivasan	Foundation Engineering	PPT/Lecture Videos
16.	Dr. S. Jayakumar	Water supply and Wastewater Engineering	PPT/Lecture Videos
17.	Mr.V.Murugappan	**Professional Elective - II** Green Building Technology	PPT/Lecture Videos
18.	Ms. R. Keerthana	**Open Elective – I** Marketing Management	PPT/Lecture Videos
19.	Mr. C. Raj Govind	Construction Management	PPT/Lecture Videos
20.	Mr.J.Subash Chandra Boss	Hydrology and Water Resource Engineering	PPT/Lecture Videos

S.No.	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
21.	Dr. S. Sundararaman	**Professional Elective - IV** (Site Investigation Methods and Practices)	
22.	Ms.R.Arthi	**Open Elective – IV** (IoT and its Applications)	

3.3 List of Expert Lectures / Workshops Conducted

Sl. No.	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1.	Strategic Preparation for Civil Engineering Government Exams: Tamil Nadu & Puducherry Insights	Er. J. Hemachander, Junior Engineer, Public Works Department, Government of Puducherry, Puducherry	28.06.2025	64
2.	Underground Metros: Driving the Future of Urban Mobility	Er. P. Sathiya Narayanan, Assistant Engineering Manager–(Design), L&T Construction, Chennai, India	12.07.2025	80
3.	Modern Earthmoving Equipment and Site Preparation Techniques	Er. N.Murugan, B.Tech, MBA, Project Manager, Execution, SMVET, Puducherry	21.07.2025	61
4.	Real Time Applications for Strength of Materials	Er.P.Muthaiyan, Senior Design Engineer, RSB Arch, Project Consultant Pvt. Ltd, Chennai.	26.07.2025	64
5.	World Nature Conservation Day 2025 under theme "Connecting People and Plants, Exploring Digital Innovation in Wildlife Conservation"	Dr. M. Bubesh Guptha, Ph.D., Founder and Director of Universal Eco Foundation. Dr. Bubesh Guptha is also a Senior Wildlife Biologist, Wildlife Concept & Creative Artist, and General Body Member of Wetlands International South Asia.	28.07.2025	214
6.	The Role of Intellectual Property Rights in Modern Infrastructure and Construction Technologies	Adv. J. Gopinath, Senior Advocate, Joint Secretary CCBA, Villupuram Combined cour	04.08.2025	64
7.	Integration of Sustainability in Architectural Design	Er. R.J. Rishienathan, Architectural Technologist and Founder of VCAD Studio, Puducherry	08.08.2025	87
8.	International Youth Day 2025 under theme Local Youth Actions for the SDGs and Beyond	Dr. Mathimaran Natarajan, Associate Professor, Coordinator – Centre for Sustainability and Climate Studies, and Special Officer – Green Campus, Pondicherry University, Puducherry	12.08.2025	445

Sl. No.	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
9.	Venture Capital Funding Opportunities for Early-Stage Entrepreneurs	Dr.P.G.Arul, Professor, Department of International Business, School Of Management, Pondicherry University, Puducherry	13.08.2025	120
10.	One day workshop Real-World Simulation in ANSYS	Mr.J.Jagan, Chairman, Vector Solutions, Puducherry	19.08.2025	64
11.	Online Webinar on Quantity surveying with Planswift software	Er. Mohammed Suhaib, Managing Director, Samsco Constructions, Chennai, India.	26.08.2025	80
12.	Online Webinar Awareness session on Green Buildings	Mrs. Priadarshni Puranam Counsellor – Green Education Team, Confederation of Indian Industry – Indian Green Building Council (CII–IGBC)	08.09.2025	80
13.	Best Practices in Civil Construction	Dr. A. K. Kaliluthin, Associate Professor, Department of Civil Engineering, Crescent University, Chennai	06.10.2025	23
14.	World Bamboo Day 2025 under theme "Innovating with Bamboo: Designing a Sustainable World"	Mr. D. Saravanan, Founder and Director of Aranya Forest, Villupuram District, Tamil Nadu	09.10.2025	120
15.	Jalam Jeevanam Asti - Water is Life: Preserving Our Most Precious Resource	Er.S.Nivedita, Junior Engineer, Public Works Department, Government of Puducherry, Puducherry	10.10.2025	87
16.	World Standards Day – 2025 under the theme "A Shared Vision for a Better World: Spotlight on SDG 17 – Partnerships for the Goals"	Dr. Gangineni Ramesh Babu, Associate Professor, Department of Physics, Pondicherry University, Puducherry	14.10.2025	225

3.4 Activities for Slow and Advanced Learners

Sl.No.	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
I Year / I Semester / 2025-2029					
1.	Engineering Mathematics - I	Mrs.S.Revathi	Yes	5	Yes
2.	Physical Science for Engineers	Dr. K.Samuvel Dr. E.Bharathi	Yes	3	Yes

3.	Basics of Civil and Mechanical Engineering	Mr.MCK.Jamenraja Dr. J.Pavalavana Pandian	Yes	4	Yes
4.	Engineering Mechanics	Mrs. J. Jayapriya	Yes	3	Yes
5.	Basics of Electrical and Electronics Engineering	Mr.J.Muruganandham	Yes	5	Yes
6.	Communicative English I	Dr. A.Velmurugan	Yes	4	Yes
II Year / III Semester / 2024-2028					
1.	Probability and Statistics	Mr. M. K. Gurusamy	Yes	4	Yes
2.	Programming in Python	Mrs. K. Jeevitha	Yes	4	Yes
3.	Fluid Mechanics and Machinery	Mr.MCK.Jamenraja	Yes	6	Yes
4.	Construction Techniques Equipment Practice	Mrs. A. Kalyani	Yes	5	Yes
5.	Mechanics of Solids - II	Mrs. J. Jayapriya	Yes	5	Yes
6.	Surveying and Geomatics	Mrs. P.Saranya	Yes	4	Yes
III Year / V Semester / 2023-2027					
1.	Research Methodology	Dr. C. Raj Govind	Yes	5	Yes
2.	Programming in Java	Mrs. L.Durgadevi	Yes	5	Yes
3.	Foundation Engineering	Mr. K. Srinivasan	Yes	5	Yes
4.	Water supply and Wastewater Engineering	Dr. S. Sundararaman	Yes	5	Yes
5.	**Professional Elective - II** Green Building Technology	Mr.V.Murugappan	Yes	5	Yes
6.	**Open Elective – I** Marketing Management	Ms. R. Keerthana	Yes	5	Yes
IV Year / VII Semester / 2022-2026					
1.	Construction Management	Mr. C. Raj Govind	Yes	5	Yes
2.	Hydrology and Water Resource Engineering	Mr. K. Srinivasan	Yes	5	Yes
3.	Professional Elective – IV Site Investigation Methods and Practices	Dr. S. Sundararaman	Yes	5	Yes
4.	Open Elective – IV Artificial Intelligence Applications	Ms.A.Arthy	Yes	5	Yes

3.5 Counseling and Mentoring

No. of Students in Department	No. of Mentors in the Department	Mentor: Mentee Ratio
86	12	1:7

Sl.No.	Particular	Yes / No	Remarks (if any)
1	Mentor allocation	Yes	-
2	Class wise student profile record maintained.	Yes	-
3	Mentor–mentee session record maintained.	Yes	-

3.6 Internal Evaluation Systems

Sl.No.	Particular	Yes / No	Remarks (if any)
1	Continuous assessment examination conducted as per the academic calendar	**Yes**	-
2	Are proper evaluation methods used for courses such as Employability Enhancement Courses, mandatory courses etc.,	**Yes**	-
3	Details of internal marks awarded	**Yes**	-
4	Any grievances raised in internal evaluation?	**Yes**	-

3.7 Learning Outcomes

Sl.No.	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	**Yes**	-
2	Correlation of COs with POs and PSOs for each course available	**Yes**	-
3	Course Exit survey conducted	**Yes**	-
4	Course Outcome Attainment Calculated	**Yes**	-
5	Corrective Action Suggestion available for the courses where CO target is not attained	**Yes**	-
6	Program exit survey conducted	**Yes**	-
7	PSO and PO attainment through CO	**Yes**	-
8	Corrective Action Suggestion available where PO target is not attained	**Yes**	-

3.8 Student Performance in End Semester Examination

ODD SEMESTER

I Year / I Semester / 2025-2029

Sl. No.	Particular	B.Tech	M. Tech
1	Number of Students appeared	22	Nil
2	Number of All Clear Students	17	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	05	
7	Passing Percentage	77.27%	

II Year / III Semester / 2024-2028

Sl. No.	Particular	B.Tech	M. Tech
1	Number of Students appeared	25	Nil
2	Number of All Clear Students	13	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	12	
7	Passing Percentage	52.00%	

III Year / V Semester / 2023-2027

Sl. No.	Particular	B.Tech	M. Tech
1	Number of Students appeared	27	Nil
2	Number of All Clear Students	22	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	05	
7	Passing Percentage	81.48%	

IV Year / VII Semester / 2022-2026

Sl. No.	Particular	B.Tech	M. Tech
1	Number of Students appeared	12	Nil
2	Number of All Clear Students	12	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	-	
7	Passing Percentage	100.00%	

3.9 Student Performance of Outgoing Students

Sl. No	Particular	UG	PG
1	Number of outgoing students	42	-
2	Number of students successfully completed the program	39	-
3	Number of students completed the program with no backlogs	-	-
4	Number of students completed the program with backlogs	03	-

SECTION – IV: STRUCTURED FEEDBACK

Sl.No.	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Academic expert feedback on curriculum with analysis and action taken report	Yes	15	-
2	Employer feedback on curriculum with analysis and action taken report	Yes	27	-
3	Teacher feedback on curriculum with analysis and action taken report	Yes	20	-
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes	35	-
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	53	-
6	Alumni feedback on curriculum with analysis and action taken report	Yes	40	-
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	126	-
8	Graduate (program) Exit Survey with analysis and action taken report	Yes	40	-

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

Sl.No.	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
Nil					

5.2 Consultancy Works

Sl. No.	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
1.	Mrs. A. Kalyani	Cube Testing	JSW Cements	600	June 2025
2.	Mrs. A. Kalyani	Cube Testing	JSW Cements	1200	September 2025
3.	Dr. V. Murugappan	Cube Testing	JSW Cements	1250	February 2025
4.	Mrs. J. Jayapriya	Cube Testing	Coromandel Cements Pvt. Ltd.	450	October 2025

Sl. No.	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
			Chennai		
5.	Dr. MCK Jamenraja	Cube Testing	Rutan Enviro System Pvt Ltd., Chennai	1800	June 2025
6.	Mr. K. Srinivasan	Cube Testing	Rutan Enviro System Pvt Ltd., Chennai	3000	July 2025
7.	Mrs. J. Jayapriya	Cube Testing	Concept Consortium	600	December 2025
8.	Mrs. A. Kalyani	Cube Testing	VA5.Constructio n Pvt. Ltd	1400	December 2025
9.	Dr. C. Raj Govind	Bitumen Testing	P.W.D, Mahe	8250	November 2025

5.3 Faculty Publications (faculty-wise list)
Publication Details (Last Four Years)

Sl. No.	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	H-index	Impact Factor range / Average Impact Factors
1	2022-2023			-	-	-
2	2023-2024		4	-	-	-
3	2024-2025		8	-	-	-
4	2025-2026		2	-	-	-

Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	-
Number of Publications in International Journals	07
Number of Publications in National Conferences	02
Number of Publications in International Conferences	03
Number of Books / Book Chapters	-
Number of Patents (Filed)	-
Number of Patents Granted	-
Number of Design Patents (Filed)	04
Number of Design Patents Granted	05

Books / Book Chapters

Sl.No.	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher

Design Patent

Sl. No.	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No
1.	426452-001	20/05/2025	IoT BASED Solar Agricultural Robot	Dr. S. Sundararaman	Serial No. : 199734
2.	202541093212	31/10/2025	Sustainable Bricks Using Sewage Sludge And Green Cement	Mr. K. Srinivasan, Ms. Amija C Ms. Pradheepa S Ms. Jayashree R	Published (Yet to be granted)
3.	202541093213	31/10/2025	Sustainable Concrete With Seaweed Fiber And Moringa Oleifera Gum	Mr. V. Murugappan Mr. A. Kalyani Mr. S. Keerthivasan Mr. J. Sanjay Mr. S. Akash	Published (Yet to be granted)
4.	202541132090	31/10/2025	Integrated Ai Based Rainfall Monitoring System For Real Time Flood Risk Assessment	Mrs. J. Jayapriya Mr. K. Srinivasan Ms. Swetha Anil Dohu Yakap	Filed (DC)

Patent

Sl. No.	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
Nil						

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

Sl. No.	Name of the Students	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration		
			Duration	From	To
1.	Vishnu V	PHD., Public Works Department, Puducherry.	18 Days	25.05.2025	13.06.2025
2.	Arunachalam S	RDR Construction, Panruti.	18 Days	25.05.2025	13.06.2025
3.	Dhineshkumar C	PHD., Public Works Department, Puducherry.	18 Days	25.05.2025	13.06.2025
4.	Gokul S	PHD., Public Works Department, Puducherry.	18 Days	25.05.2025	13.06.2025
5.	Hariharan A	Kun Construction & Building, Puducherry.	18 Days	25.05.2025	13.06.2025
6.	Mohanathan U	Kun Construction & Building	18 Days	25.05.2025	13.06.2025
7.	Panneer Selvham K	PHD., Public Works Department, Puducherry.	18 Days	25.05.2025	13.06.2025
8.	Prasanth P	RDR Construction, Panruti.	18 Days	25.05.2025	13.06.2025
9.	Sezhiyan O	RDR Construction, Panruti.	18 Days	25.05.2025	13.06.2025
10.	Sooriya K	Kun Construction & Building, Puducherry.	18 Days	25.05.2025	13.06.2025

Sl. No.	Name of the Students	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration		
			Duration	From	To
11.	Sri Dharshini T	PHD., Public Works Department, Puducherry.	18 Days	25.05.2025	13.06.2025
12.	Vasundradevi V	RDR Construction, Panruti.	18 Days	25.05.2025	13.06.2025

6.2 Sponsored / Industry Projects

Sl.No.	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
Nil				

6.3 Industrial Visit

Sl.No.	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	Hostel Building – UNIQCORE Construction Company	26.06.2025	Structure Engineering	62
2	Bharath Ready Mix Concrete, Thavalakuppam, at Pondicherry	09.08.2025	Concrete Technology	62
3	Sri Lakshmi M. Sand, Perumpakkam (near Thiruvakkarai)	09.08.2025	Geotechnical Engineering	62
4	Fine Wood Products Pvt Ltd, Cuddalore road, Madukarai, Puducherry	19.09.2025	Building Material	62
5	Dakshinachitra Museum and Mahabalipuram, Chennai	11.10.2025	Building Material and Constructions	22

6.4 Functional Memorandum of Understanding (MoU)

Sl. No.	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	DMS Inefra, Puducherry	28/07/2025	Curriculum Design , Industrial Training & Visits, Internships and Placements of Students, Research and Development Guest Lectures	5 Years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	-
Number of Students opted Higher Studies	03
Number of Entrepreneur	-

7.1 Placements

Sl. No.	Name of the Student	Name of the Company	Salary Package (Lakhs/Annam)
Nil			

7.2 Higher Studies

Sl.No.	Name of the Student	Name of the Institution	Name of Program admitted to
1.	Rajesh Kumar G	Kumaraguru College of Technology, Coimbatore	M.Tech Structural Engineering
2.	Gokul K	Puducherry Technological University	M.Tech Structural Engineering
3.	Tharun A	Puducherry Technological University	M.Tech Structural Engineering

7.3 Entrepreneur

Sl. No.	Name of the Student	Name of the Company	Nature of Company	Location / Address
Nil				

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

Sl. No.	Name of the Event / Workshop	Organized under (Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	Strategic Preparation for Civil Engineering Government Exams: Tamil Nadu & Puducherry Insights	Indian Concrete Institute (ICI)	28.06.2025	National	64
2	Underground Metros: Driving the Future of Urban Mobility	Institution of Engineers (India) IEI	12.07.2025	National	80
3	Modern Earthmoving Equipment and Site Preparation Techniques	Civil Engineering Department	21.07.2025	National	61
4	Real Time Applications for Strength of Materials	Indian Concrete Institute (ICI)	26.07.2025	National	64

Sl. No.	Name of the Event / Workshop	Organized under (Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
5	World Nature Conservation Day 2025 under theme "Connecting People and Plants, Exploring Digital Innovation in Wildlife Conservation"	Association of Consulting Civil Engineers (India)	28.07.2025	National	214
6	The Role of Intellectual Property Rights in Modern Infrastructure and Construction Technologies	Bamboo society of India (BSI)	04.08.2025	National	64
7	Integration of Sustainability in Architectural Design	Institution of Engineers (India) (IEI)	08.08.2025	National	87
8	International Youth Day 2025 under theme Local Youth Actions for the SDGs and Beyond	Civil Engineering Department	12.08.2025	National	445
9	Venture Capital Funding Opportunities for Early-Stage Entrepreneurs	Civil Engineering Department	13.08.2025	National	120
10	One day workshop Real-World Simulation in ANSYS	Institution of Engineers (India) IEI	19.08.2025	National	64
11	Online Webinar on Quantity surveying with Planswift software	Indian Concrete Institute (ICI)	26.08.2025	National	80
	Online Webinar Awareness session on Green Buildings	Indian green building council	08.09.2025	National	80
	Best Practices in Civil Construction	Indian Society of Technical Education (ISTE)	06.10.2025	National	23
	World Bamboo Day 2025 under theme "Innovating with Bamboo: Designing a Sustainable World"	Bamboo society of India (BSI)	09.10.2025	National	120
	Jalam Jeevanam Asti - Water is Life: Preserving Our Most Precious Resource	Indian Plumbing Association (IPA)	10.10.2025	National	87
	World Standards Day – 2025 under the theme "A Shared Vision for a Better World: Spotlight on SDG 17 – Partnerships for the Goals"	Bureau of Indian Standards (BIS)	14.10.2025	National	225

8.2 FDP /Workshop / STTP / Conference for Faculty

Sl. No.	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
Nil					

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

Sl.No.	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1.	Sharmila Banu A	State Level Thirukkural Competition	Sri Raam Illakiya Kazhagam, Chennai	III Prize
2.	Anbuselvam	16th State-level Championship Hand Ball Competition	Puducherry State Amateurs Rocketball Association	IV Place
3.	Department of Civil Engineering	International Yoga Day	SMVEC	Best Performance
4.	Department of Civil Engineering	March Past, Independence Day'25	SMVEC	I Place
5.	SB Varsha	Geotechnical Engineering Lab (NPTEL)	AICTE	Elite Certificate (80%)
6.	Vishnu V & Prasanth P	Paper Presentation (SPARKGALLO'25-National Level Technical Symposium),	University of Engineering, Panruti	I Place
7.	Paneer Selvham K & Gokul S	Paper Presentation (SPARKGALLO'25-National Level Technical Symposium)	University of Engineering, Panruti	II Place
8.	Sri Dharshini T & Vasundhara Devi V	Poster Presentation (SPARKGALLO'25-National Level Technical Symposium)	University of Engineering, Panruti	I Place
9.	Vishnu V & Prasanth P	CADD Design (SPARKGALLO'25-National Level Technical Symposium)	University of Engineering, Panruti	I Place
10.	Sandhiya Rajendiran & Sharmila Banu	Technical Quiz (SPARKGALLO'25-National Level Technical Symposium),	University of Engineering, Panruti	I Place

Sl.No.	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
11.	Prasanth P	Technical Quiz (SPARKGALLO'25- National Level Technical Symposium),	University of Engineering, Panruti	II Place
12.	Anbuselvam	2nd Under-19 National Level Handball Championship	Puducherry State Amateurs Rocketball Association	I Place
13.	Er. R. Guruprassat	Tug of War Championship	15th Asian Tug of War Championship held in Malaysia	Gold Medal in Indian Boys' Team (Under-23)
14.	Er. R. Guruprassat	Tug of War Championship	15th Asian Tug of War Championship held in Malaysia	Bronze Medal in Indian Mixed Team (Under-23)
15.	Amija C	Pondicherry-level Inter-College Swimming Competition	Pondicherry University	Gold Medal
16.	Dhivya Bharathi S	Brush and Paint Mega Drawing Competition	Exclusive Academy, Puducherry	Best Painting Award

9.1.1 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No.	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	Dr.S.Sundararaman	ACCE, ICI ,IEI, ISTE, Puducherry (State Level)
		Participated as chairperson for valuation Board at Pondicherry university (University Level)
		Question Paper Setter for Dhanalakshmi Srinivasan Engineering College and Anurag Engineering College, External Examiner to Evaluate the Thesis for Bharath University.
2	Dr.S.Jayakumar	ACCE,ISTE, ICI, PONCEA & IEI
3	Mrs.A.Kalyani	ISTE & External Examiner
4	Mr. K.Srinivasan	ICI & External Examiner
5	Mrs.D.Sathiyasree	ACCE & External Examiner
6	Mrs.J.Jayapriya	IPA
7	Dr.C.Raj Govind	ACCE
8	Mr. V. Murugappan	ACCE
9	Mr. MCK Jamenraja	ACCE

9.2 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers bodies

S.No.	Name of the Faculty	Name of Editorial Boards / Conferences
Nil		

9.3 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S.No.	Name of the Faculty	Name of Awards / Recognition
1	Dr. S. Sundararaman, Professor & Head, Department of Civil Engineering	Best Engineering Faculty Award 2025 Best Academic Excellence Awards 2025
2	Mrs. A. Kalyani, Assistant Professor, Department of Civil Engineering	Best Academic Excellence Awards 2025
3	Dr. C. Raj Govind, Assistant Professor, Department of Civil Engineering	Best Academic Excellence Awards 2025
4	Mr. K. Srinivasan, Assistant Professor, Department of Civil Engineering	Best Academic Excellence Awards 2025
5	Dr. MCK Jamenraja	Best Engineering Faculty Award 2025

9.4 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

Sl.No.	Faculty Name	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	Mrs. A. Kalyani	Workshop on "AI Tools in Teaching: ChatGPT, Perplexity & Edu AI"	KG Reddy College of Engineering & Technology	01
2.	Dr. V. Murugappan	National Level Online FDP on "Research Writing, Proposals, Funding & IPR"	TSSM's Bhivarabai Sawant College of Engineering & Research, Pune	07
3.	Dr. S. Sundararaman	Special Programme Design Techniques for 3R of Structures (3R - Repairs, Restoration and Retrofitting)	INSTRUCT & ACCE(I) Puducherry Centre	02
4.	Dr. S. Sundararaman	Faculty Development Programme conducted Online on "Sustainability Trends in Civil Engineering"	Sri Sairam Engineering College, Chennai	06
5.	Mrs. J. Jayapriya	Workshop on "AI Tools in Teaching: ChatGPT, Perplexity & Edu AI"	KG Reddy College of Engineering & Technology	01
6.	Dr. MCK Jamenraja	Special Programme Design Techniques for 3R of Structures (3R - Repairs, Restoration and Retrofitting)	INSTRUCT & ACCE(I) Puducherry Centre	02

Sl.No.	Faculty Name	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
7.	Mrs. A. Kalyani	Special Programme Design Techniques for 3R of Structures (3R - Repairs, Restoration and Retrofitting)	INSTRUCT & ACCE(I) Puducherry Centre	02
8.	Mr. K. Srinivasan	National Level Online FDP on "Research Writing, Proposals, Funding & IPR"	TSSM's Bhivarabai Sawant College of Engineering & Research, Pune	07
9.	Dr. MCK Jamenraja	National Level Online FDP on "Research Writing, Proposals, Funding & IPR"	TSSM's Bhivarabai Sawant College of Engineering & Research, Pune	07
10.	Dr. C. Raj Govind	Faculty Development Programme conducted Online on "Sustainability Trends in Civil Engineering"	Sri Sairam Engineering College, Chennai	06

9.6. Best Practices followed by the Department

Sl.No.	Best Practice	Description
1	Mentor - Mentee	-

9.7. List three distinguished alumni of the department from the recent passes-out batch

S.No.	Name of the Alumni	Contact Details
1	Sathish Kumar I	sathishsk1652004@gmail.com 9345894184
2	V.Lokeshwaran	civil211009@smvec.ac.in 9843123286
3	Swetha Anil	swethanil2004@gmail.com 7907613664

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Dr.S. SUNDARARAMAN, M.Tech., Ph.D.,
Professor & Head
Department of Civil Engg
Sri Manakula Vinayagar Engg. College
Madagadipet, Puducherry, India

Recommendations:

Criteria	Remarks
Curricular Aspects	Verified and found Satisfactory
Teaching, Learning and Evaluation	Documents Verified, Good
Structured Feedback	All feedback available
Research, Innovation and Publications	Consultancy to be verified Publication and Book chapter need improvement
Collaborations and Linkages	Good
Student Progression	Good
Activity Conducted / Organized by the Department	Good. All activities are properly documented
Achievements	Satisfactory
General Remarks	Good

Signature of the Internal Academic Audit Experts

L. Martin

Dr. L. Martin
Associate Professor
Department of Mechanical Engineering,
SMVEC

Dr. M. Shanmugam
Associate Professor
Department of Computer Science Engineering,
SMVEC

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

MECHATRONICS

ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENTS
Academic Year 2025-2026
Internal Audit

SECTION –1: BASIC INFORMATION

Audit Date	13.03.2026
Name of the Department	MECHATRONICS
Year of Establishment	2019
Head of the Department	Dr.A.Thiagarajan
Programs Offered	Name of the Program: B.Tech Mechatronics — Approved Intake: **60**
Programs Discontinued if any	No

Number of full time Teachers	Designation	Available	Sanctioned	Filled
	Professor	1		
	Associate Professor			
	Assistant Professor	10		

Number of Technical Staff

Number of Students

For UG -------:

Year	M	F	Total
First Year	46	14	60
Second Year	32	9	41
Third Year	36	3	39
Fourth Year	41	3	44
Total			**184**

For PG ------:

Year	M	F	Total
First Year			
Second Year			
Total			

Faculty Student Ratio	For UG 1:15	For PG ------:

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	**Yes**	-
2	Faculty Subject Preferences	**Yes**	-
3	Elective choices from the Students	**Yes**	-
4	Course allotment to the Faculty	**Yes**	-
5	Time Table (UG and PG)	**Yes**	-
6	Lesson plan for each course	**Yes**	-

2.2 Curriculum/syllabus revision

S.No	Program Name	Regulation	Last Revised on
1	Mechatronics	2023	29/01/2026 BOS 10

Summary of changes in Curriculum/syllabus

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus
Highlights of the previous curriculum/syllabus Courses included in the R- 2023 curriculum are • Design Thinking and IDEA Lab • Engineering Graphics using AutoCAD • Universal Human Values II • Theory cum practical courses • Micro and Mini projects • Honours / Minor degree Courses • Research methodology • Embedded Systems and Deign • Ability enhancement courses • Value added courses • Mandatory Courses introduced as per NEP • Climate Change • Right to Information and Good Governance • Essence of Indian Traditional Knowledge • Gender Equality	Introduced R2026 new courses focusing on Mechatronics applications, advanced technologies for Industries Distinctive Features The field of Mechatronics is distinguished by its integration of multiple engineering disciplines to create intelligent and automated systems. One of its key features is the combination of mechanical engineering, electronics, control systems, and computer programming in a single framework, enabling the design of smart machines and automated equipment. Mechatronics emphasizes the use of sensors and actuators to monitor and control mechanical processes, allowing systems to respond automatically to changes in their environment.. Distinctive Features • Theory-cum-practical structure enhancing experiential and hands-on learning. • 20–30% of the syllabus is periodically revised to incorporate recent technological advancements and to ensure alignment with evolving industry requirements and professional practices.. • New professional and open electives addressing emerging Industry domains. Industry Relevance In manufacturing industry mechatronics plays a key role in Industrial automation, Robotics, and sensors and actuators system to helping companies improve productivity and reduce human error.

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	III / V	Professional Elective – I: Computer Integrated Manufacturing	U23MCE501	37
2	IV / VII	Professional Elective – IV Non-Destructive Testing Methods	U20MCE716	44

2.4 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1	III / V	MCTR	Open Elective – I: Consumer Electronics	U23ECOC02	37
2	IV / VII	MCTR	Open Elective – IV Supply Chain Management	U20MEO707	44

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	II/III	Skill Enhancement Course- I: 3D Printing	U23MCS301	41

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	I/I	Certification Course – I : IoT using Python	U23MCC159	60
2	II/III	Certification Course – III: Electro Hydraulic Automation with PLC	U23MCC342	41
3	III/V	Certification Course – V: Machine Learning	U23MCC561	37

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I/I	Induction Program	U23MCM101	60
2	II/III	Climate Change	U23MCM303	41
3	III/V	Essence of Indian Traditional Knowledge	U23MCM505	37

2.8 List of Add-on/Value Added/MOOC Courses conducted by the department

S.No	Year / Sem	Name of the Course	Course Code	Number of Students Registered	Number of Students Successfully Completed
1	I/I	Basics of Intellectual property rights for innovators and Entrepreneurs	-	60	60
2	II/III	Basics of Intellectual property rights for innovators and Entrepreneurs	-	15	15

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: I First year (2025-2029) batch

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Engineering Mathematics – I/ U23MATC01	Mr.K.Gurusamy	60	62	62
2	Physical Science for Engineers/ U23BSTC01	Dr.K.Samuvel	45	45	45
3	Programming in C/ U23CSTC01	Mr.S.Anandhan	45	45	45
4	Basics of Civil and Mechanical Engineering/ U23ESTC01	Mr.S.Jagan	45	45	45
5	Engineering Mechanics/ U23ESTC02	Mr.S.Prakash	45	45	45
6	Communicative English – I/ U23ENBC01	Dr.A.Velmurugan	60	60	60
7	Engineering Graphics using AutoCAD/ U23ESPC03	Mr.S.Jagan	30	30	30
8	Programming in C Laboratory/ U23CSPC01	Mr.S.Anandhan	30	30	30
9	Design Thinking and IDEA Lab/ U23ESPC02	Mr.S.Velmurugan	30	30	30

Semester: III Second year (2024-2028) batch

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Probability and Statistics/ U23MATC03	Mr.R.Rajesh	60	62	62
2	Programming in Python/ U23ADTC01	Ms.S.Keertika	45	45	45
3	Analog and Digital Electronics/ U23MCT303	Mrs.S.Kalaimani	45	45	45

4	Applied Fluid Mechanics and Machinery/ U23MCT304	Mr.S.Jagan	45	45	45
5	Mechanics of Solids/ U23MCT305	Mr.S.Prakash	45	45	45
6	Sensors, Transducers and Measurement systems/ U23MCB306	Ms.M.Subitha	45	45	45
7	Engineering Mathematics Laboratory/ U23MAPC01	Mr.K.Gurusamy	30	30	30
8	General Proficiency – I/ U23ENPC01	Dr.A.Velmurugan	30	30	30
9	Programming in Python Laboratory/ U23ADPC01	Mrs.S.Indra	30	30	30

Semester: V Third year (2023-2027) batch

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Research Methodology/ U23HSTC02	Mr.S.Pushparaj	30	30	30
2.	PLC and Industrial Automation Systems/ U23MCT510	Ms.M.Subitha	45	45	45
3.	Fluid Power Systems/ U23MCT511	Mr.S.Jagan	45	45	45
4.	Linear Control Systems/ U23ICTC03	Ms.T.Sudha	60	60	60
5.	Professional Elective – I: Computer Integrated Manufacturing/U23MCE501	Dr.G.Balamuruga Mohanraj	45	45	45
6.	Open Elective – I: Consumer Electronics/U23ECOC02	MR.G.K.Senthilkumar	45	45	45
7.	Industrial Automation Laboratory/ U23MCP505	MR.W.Godfrey Daniel	30	30	30
8.	Simulation of Instrumentation	Ms.M.Subitha	30	30	30

	Laboratory/ U23MCP506				
9.	Fluid Power Systems Laboratory/ U23MCP507	Mr.S.Prakash	30	30	30

Semester: VII Final year (2022-2026) batch

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	PLC and Data Acquisition Systems/U20MCT717	Mr.S.Pushparaj	45	45	45
2.	Design of Mechatronics System /U20MCT718	Mrs.S.Kalaimani	60	60	60
3.	Professional Elective-IV: Non-Destructive Testing Methods/U20MCE716	Dr.G.Balamuruga Mohanraj	45	45	45
4.	Open Elective-IV: Supply Chain Management /U20MEO707	Mr.S.Prakash	45	45	45
5.	Business Basics for Entrepreneur/U20HSP703	Mr.T.Chandramohan	18	18	18

3.2 Use of ICT Tools in Teaching Learning

Semester: I First year (2025-2029) batch

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.K.Gurusamy	Engineering Mathematics – I/ U23MATC01	Black Board & PPT
2	Dr.K.Samuvel	Physical Science for Engineers/ U23BSTC01	PPT&Video
3	Mr.S.Anandhan	Programming in C/ U23CSTC01	PPT&Video
4	Mr.S.Jagan	Basics of Civil and Mechanical Engineering/ U23ESTC01	PPT&Video
5	Mr.S.Prakash	Engineering Mechanics/ U23ESTC02	Black Board & PPT
6	Dr.A.Velmurugan	Communicative English – I/ U23ENBC01	PPT

Semester: Semester: III Second year (2024-2028) batch

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.R.Rajesh	Probability and Statistics/ U23MATC03	Black Board & PPT

2	Ms.S.Keertika	Programming in Python/ U23ADTC01	Black Board & PPT
3	Mrs.S.Kalaimani	Analog and Digital Electronics/ U23MCT303	PPT&Video
4	Mr.S.Jagan	Applied Fluid Mechanics and Machinery/ U23MCT304	Black Board ,PPT&Video
5	Mr.S.Prakash	Mechanics of Solids/ U23MCT305	Black Board ,PPT&Video
6	Ms.M.Subitha	Sensors, Transducers and Measurement systems/ U23MCB306	PPT&Video

Semester: Semester: V Third year (2023-2027) batch

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.S.Pushparaj	Research Methodology/ U23HSTC02	PPT
2	Ms.M.Subitha	PLC and Industrial Automation Systems/ U23MCT510	PPT& Video demonstration
3	Mr.S.Jagan	Fluid Power Systems/ U23MCT511	PPT& Video demonstration, fluidsim Tool
4	Ms.T.Sudha	Linear Control Systems/ U23ICTC03	PPT
5	Dr.G.Balamuruga Mohanraj	Professional Elective – I: Computer Integrated Manufacturing/U23MCE501	PPT& Video demonstration
6	MR.G.K.Senthilkumar	Open Elective – I: Consumer Electronics/U23ECOC02	PPT

Semester: Semester: VII Final year (2022-2026) batch

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.S.Pushparaj	PLC and Data Acquisition Systems/U20MCT717	PPT&Video
2	Mrs.S.Kalaimani	Design of Mechatronics System /U20MCT718	PPT
3	Dr.G.Balamuruga Mohanraj	Professional Elective-IV: Non-Destructive Testing Methods/U20MCE716	PPT&Video
4	Mr.S.Prakash	Open Elective-IV: Supply Chain Management /U20MEO707	PPT

3.3 List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Guest Lecture on Empowering India through MSME Entrepreneurship	Mr. A. Krishan MSME Technology Centre, Puducherry	02-07-2025	
2	Emerging Trends in Cloud Infrastructure and career opportunities	Mr. Arun Kumar AWS DevOps Lead Experience: 7+ Years Location: Chennai, India	22.02.2026	

3.4 Activities for Slow and Advanced Learners

Semester: I First year (2025-2029) batch

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Engineering Mathematics – I/ U23MATC01	Mr.K.Gurusamy	Yes	3	Yes
2	Physical Science for Engineers/ U23BSTC01	Dr.K.Samuvel	Yes	3	Yes
3	Programming in C/ U23CSTC01	Mr.S.Anandhan	Yes	3	Yes
4	Basics of Civil and Mechanical Engineering/ U23ESTC01	Mr.S.Jagan	Yes	3	Yes
5	Engineering Mechanics/ U23ESTC02	Mr.S.Prakash	Yes	3	Yes
6	Communicative English – I/ U23ENBC01	Dr.A.Velmurugan	Yes	2	Yes

Semester: III Second year (2024-2028) batch

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Probability and Statistics/ U23MATC03	Mr.R.Rajesh	Yes	3	Yes
2	Programming in Python/ U23ADTC01	Ms.S.Keertika	Yes	3	Yes
3	Analog and Digital Electronics/ U23MCT303	Mrs.S.Kalaimani	Yes	3	Yes
4	Applied Fluid Mechanics and Machinery/ U23MCT304	Mr.S.Jagan	Yes	3	Yes
5	Mechanics of Solids/ U23MCT305	Mr.S.Prakash	Yes	3	Yes

6	Sensors, Transducers and Measurement systems/ U23MCB306	Ms.M.Subitha	Yes	3	Yes

Semester: V Third year (2023-2027) batch

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Research Methodology/ U23HSTC02	Mr.S.Pushparaj	Yes	3	Yes
2	PLC and Industrial Automation Systems/ U23MCT510	Ms.M.Subitha	Yes	3	Yes
3	Fluid Power Systems/ U23MCT511	Mr.S.Jagan	Yes	3	Yes
4	Linear Control Systems/ U23ICTC03	Ms.T.Sudha	Yes	3	Yes
5	Professional Elective – I: Computer Integrated Manufacturing/U23MCE501	Dr.G.Balamuruga Mohanraj	Yes	3	Yes
6	Open Elective – I: Consumer Electronics/U23ECOC02	MR.G.K.Senthilkumar	Yes	3	Yes

Semester: Final year (2022-2026) batch

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	PLC and Data Acquisition Systems/U20MCT717	Mr.S.Pushparaj	Yes	2	Yes
2	Design of Mechatronics System /U20MCT718	Mrs.S.Kalaimani	Yes	2	Yes
3	Professional Elective-IV: Non-Destructive Testing Methods/U20MCE716	Dr.G.Balamuruga Mohanraj	Yes	2	Yes
4	Open Elective-IV: Supply Chain Management /U20MEO707	Mr.S.Prakash	Yes	2	Yes

3.5 Counseling and Mentoring

No. of Students in Department	Number of Mentors in the Department	Mentor: Mentee Ratio
181	12	1:15

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor allocation	Yes	
2	Class wise student profile record maintained.	Yes	
3	Mentor–mentee session record maintained.	Yes	

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous assessment examination conducted as per the academic calender	Yes	
2	Is proper evaluation methods used for courses such as Employability Enhancement Courses, mandatory courses etc.,	Yes	
3	Details of internal marks awarded	Yes	
4	Any grievances raised in internal evaluation?	No	

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	
2	Correlation of COs with POs and PSOs for each course available	Yes	
3	Course Exit survey conducted	Yes	
4	Course Outcome Attainment Calculated	Yes	
5	Corrective Action Suggestion available for the courses where CO target is not attained	Yes	
6	Program exit survey conducted	Yes	
7	PSO and PO attainment through CO	Yes	
8	Corrective Action Suggestion available where PO target is not attained	Yes	

3.8 Student Performance in End Semester Examination

Semester I Year / I semester (2025-2029)

Sr. No	Particular	UG	PG
1	Number of Students appeared	60	-
2	Number of All Clear Students	51	
3	Number of Students passed with Distinction	13	
4	Number of Students passed with First Class	38	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	09	
7	Passing Percentage	88	

Semester II Year / III semester (2024-2028)

Sr. No	Particular	UG	PG
1	Number of Students appeared	40	-
2	Number of All Clear Students	33	
3	Number of Students passed with Distinction	**8**	
4	Number of Students passed with First Class	**23**	
5	Number of Students passed with Second Class	**02**	
6	Number of Students Failed	**07**	
7	Passing Percentage	**87.5**	

Semester III Year / V semester (2023-2027)

Sr. No	Particular	UG	PG
1	Number of Students appeared	37	-
2	Number of All Clear Students	34	
3	Number of Students passed with Distinction	**6**	
4	Number of Students passed with First Class	**28**	
5	Number of Students passed with Second Class	**-**	
6	Number of Students Failed	**03**	
7	Passing Percentage	**91.8**	

Semester IV Year / VII semester (2022-2026)

Sr. No	Particular	UG	PG
1	Number of Students appeared	44	-
2	Number of All Clear Students	42	
3	Number of Students passed with Distinction	**28**	
4	Number of Students passed with First Class	**14**	
5	Number of Students passed with Second Class	**-**	
6	Number of Students Failed	**02**	
7	Passing Percentage	**91.8**	

3.9 Student Performance of Outgoing Students

Sr. No	Particular	UG	PG
1	Number of outgoing students	42	Nil
2	Number of students successfully completed the program	40	
3	Number of students completed the program with no backlogs	10	
4	Number of students completed the program with backlogs	30	

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Academic expert feedback on curriculum with analysis and action taken report	Yes	10	
2	Employer feedback on curriculum with analysis and action taken report	Yes	10	
3	Teacher feedback on curriculum with analysis and action taken report	Yes	10	
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes	181	
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	10	
6	Alumni feedback on curriculum with analysis and action taken report	Yes	40	
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	181	
8	Graduate (program) Exit Survey with analysis and action taken report	Yes	39	

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
		NIL			

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
1.	Mr.S.Prakash	Five sense Dojo & Eye mind hand coordinatios	Adroiit Technovations	51,250	6 MONTH

5.3 Faculty Publications (faculty-wise list)

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors
1	2022-2023	-		-	-	-
2	2023-2024	04	Scopus	-	-	-
3	2024-2025	05	UGC	-	-	-
4	2025-2026	-	-	-	-	-

Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	
Number of Publications in International Journals	09
Number of Publications in National Conferences	02
Number of Publications in International Conferences	
Number of Books / Book Chapters	
Number of Patents (Filed)	
Number of Patents Granted	
Number of Design Patents (Filed)	
Number of Design Patents Granted	

5.4 National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	Experimental investigation on electrochemical behavior of NiS reinforced with rGO (1%, 3%, and 5%) composites synthesized by electrodeposition method for energy storage and green vehicle applications	P. Praveen Raj, G. Balamuruga Mohan Raj, N. Ramadoss K. Yesuraj	Scopus	43578-023-01263-8	h-index
2	Intelligent controller design and fault prediction for renewable energy sources using bi-directional GRU and GEO Methods	Parijat saurabh, . K.Velmurugan, Nagabhooshanam N,Gajanan patange, G.Balamuruga mohan raj, Chennapragada Amarendra & M.V Kumar Reddy	SCI	1532-5008	h-index
3	Characterization of PVA composites for EMI shielding using waste jackfruit husk biocarbon	D. R. Srinivasan Nagarajan Nagabhooshanam· Bala muruga Mohan Raj	SCI	s13399-023-05153-1	h-index

	and Plectranthus amboinicus extracted cobalt nanoparticle	G · Rajesh Verma · D. Sendil Kumar Raffiunnisa · G. Prakash			
4	Optimization of Heat Transfer Parameter in Fractal Tree Microchannel with Al2O3 Nano-Fluids Using Taguchi and GRA Method	E. Manikandan, K. Velmurugan, G.G. Sozhamannan G. Balamuruga Mohan Raj V.S.K. Venkatachalapathy	SCI	1229-9162	h-index
5	Digital Twin Based Real –Time Augumented Vision Sytem for Healthcare	Pushparaj.S Arjun.T Gunaseelan.N Anuja K Sathiya S	Journal of Emerging Technologies and Innovative Research (UGC)	Volume 12,Issue 4 2349-5162	-
6	Laser Engraving Using low Cost SCARA Robot	Jagan S Benson Nestor Lebel E Bruno Anto E Harishwar B Jeevabaskar A	Journal of Emerging Technologies and Innovative Research (UGC)	Volume 12,Issue 4 2349-5162	-
7	Human Detection in Rescue Operations Using Drones	Kalaimani S Arun Prakash NA Hariharan N Shakthivelu D Sneha	Journal of Emerging Technologies and Innovative Research (UGC)	Volume 12,Issue 4 2349-5162	-
8	Automated Robotic Material Transport System	Jagan S Harishwaran S Mathews Talma A Deepak Alex Thomas Chandru M	Journal of Emerging Technologies and Innovative Research (UGC)	Volume 12,Issue 4 2349-5162	-
9	Sewage Gas Monitoring and Alerting System	Dr.G.Balamuruga Mohanraj Rakesh A Harri Prasad R Jeeva Harish R Jeyachandiran D	International Journal of Engineering Research & Technology (IJERT)	Volume 14 Issue 03 2278-0181	-

5.5 National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
	Nil					

5.6 International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Advanced Materials and Their Applications	Dr.A. Thiagarajan, Dr.A.A Arivalagar Mr. S. Prakash, Mr. S. Jagan	International conference on advanced materials and their Applications	Merimax International Publications	December,2025 ISBN	Merimax International Publications
2	Advanced Materials and Their Applications	Dr.V.S.K.Venkatachalapathy, Dr.K.Velmurugan, Dr.A. Thiagarajan,	International conference on advanced materials and their Applications	Merimax International Publications	December,2025 ISBN	Merimax International Publications

5.7 Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Advanced Materials and Their Applications	Dr.A. Thiagarajan, Dr.A.A Arivalagar Mr. S. Prakash, Mr. S. Jagan	December,2025 ISBN	Merimax International Publications
2	Advanced Materials and Their Applications	Dr.V.S.K.Venkatachalapathy, Dr.K.Velmurugan, Dr.A. Thiagarajan,	December,2025 ISBN	Merimax International Publications

5.8 Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	Sri Manakula Vinayagar Engineering College	Dr.V.S.K.Venkatachalapathy Dr.A.A.Arivalagar Dr.A.Thiagarajan S.Prakash S.Pushparaj	Automatic Headlight Controller Using LDR Sensor	202541087549 A	India	Published
2	Sri Manakula Vinayagar Engineering College	Dr.V.S.K.Venkatachalapathy Dr.K.Velmurugan Dr.A.Thiagarajan S.Prakash S.Jagan	Revolutionizing Road Safety Through V2V Communication	202541087550A	India	Published

5.9 Design Patent

S.No	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No
Nil					

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1.	ALWINE CANDIDA R	VIGNESH MOTEURX PRIVATE LIMITED	1 WEEK	17.01.25	23.01.25
2.	ARAVINDAN K	NLC INDIA LIMITED	9 DAYS	13.01.25	21.01.25
3.	AVINASH R	METAL DECORATING ENGINEERING LIMITED	1 MONTH	12.07.24	08.08.24
4.	CHANDRESH KUMAR RAJ J	SHREE MOTHER PLAST INDIA PRIVATE LIMITED	1 WEEK	18.12.25	24.12.25
5.	CHANDRU R	SRI SABTHAGIRI FOOD PRODUCTS	10 DAYS	11.12.24	21.12.24
6.	DEEPAK M	SHREE MOTHER PLAST INDIA PRIVATE LIMITED	1 WEEK	18.12.25	24.12.25
7.	DHILIPKUMAR T	ONGC LIMITED	1 WEEK	10.01.25	18.01.25
8.	DHINESH BABU E	TRR INDUSTRY TURNING CENTRE	1 WEEK	16.09.25	23.09.25
9.	DHYANESHWAR H	ITC LIMITED	1 WEEK	20.05.25	27.05.25
10.	GANESHKUMAR S	HAWASHIN AUTOMOTIVE INDIA PRIVATE LIMITED	10 DAYS	14.12.24	26.12.24
11.	KAILASANATHAN D	CODTECH IT SOLUTIONS	1 MONTH	20.04.25	20.05.25
12.	KAVYA M	SPARKABLE DIGITAL SOLUTIONS	3 MONTHS	15.07.25	15.10.25
13.	LOGARANJAN M	TRR INDUSTRY TURNING CENTRE	1 WEEK	16.09.25	23.09.25
14.	MOHAMAD FAZIL J	NLC INDIA LIMITED	9 DAYS	13.01.25	21.01.25
15.	MOHAMED RIYAS M	NLC INDIA LIMITED	9 DAYS	13.01.25	21.01.25
16.	MONISHKUMAR N	SCHWING STETTER INDIA PRIVATE LIMITED	10 DAYS	16.12.24	26.12.24
17.	NAMIDHA S	SPARKABLE DIGITAL SOLUTIONS	1 MONTH	15.07.25	23.08.25
18.	NARESH M	TRR INDUSTRY TURNING CENTRE	1 WEEK	16.09.25	23.09.25
19.	NITHISH KUMAR E	TRR INDUSTRY TURNING CENTRE	1 WEEK	16.09.25	23.09.25
20.	PRABANDHAN T	VIGNESH MOTEURX PRIVATE LIMITED	1 WEEK	17.01.25	23.01.25
21.	ROHITH B	SRI SABTHAGIRI FOOD PRODUCTS	10 DAYS	11.12.24	21.12.25
22.	SAI VISHVA V	LUCAS TVS LIMITED	1 MONTH	13.08.25	13.09.25
23.	SANTHOSH A	ZHETA INDUSTRIAL CONSULTANCY PRIVATE LIMITED	3 MONTHS	26.01.25	27.04.25

24.	SENTHIL NATHAN A	ZHETA INDUSTRIAL CONSULTANCY PRIVATE LIMITED	3 MONTHS	26.01.25	27.04.25
25.	SREE VARSHAN S	TRR INDUSTRY TURNING CENTRE	1 WEEK	16.09.25	23.09.25
26.	SUTHARSAN S	SUNDRAM FASTENERS LIMITED	16 DAYS	11.12.24	25.12.24
27.	SWAMINATH R	ONGC LIMITED	1 WEEK	10.01.25	18.01.25
28.	THANESH T	TRR INDUSTRY TURNING CENTRE	1 WEEK	16.09.25	23.09.25
29.	THIRUMURUGAN S	TRR INDUSTRY TURNING CENTRE	1 WEEK	16.09.25	23.09.25
30.	VIGNESH S	ZHETA INDUSTRIAL CONSULTANCY PRIVATE LIMITED	3 MONTHS	27.01.25	27.04.25
31.	VIJAY @ ADHITHIYA S	THE FORAGE(TATA GROUPS PRIVATE LIMITED)	1 MONTH	09.07.25	09.08.25
32.	VIJAYA DURGA R	LUMMI MEDIA	1 MONTH	15.7.25	23.08.25
33.	ADHITHYARAJ D	ONGC LIMITED	1 WEEK	10.01.25	18.01.25
34.	ANUSH RAGHAV V	AEROBIOSIS INNOVATIONS	15 DAYS	14.12.24	26.12.24
35.	KABILAN I	ONGC LIMITED	1 WEEK	26.01.25	27.04.25
36.	KALIMUTHU C	HAWASHIN AUTOMOTIVE INDIA PRIVATE LIMITED	10 DAYS	26.01.25	27.04.25
37.	NARESH B	ZHETA INDUSTRIAL CONSULTANCY PRIVATE LIMITED	3 MONTHS	26.01.25	27.04.25
38.	RAJKUMAR B	ZHETA INDUSTRIAL CONSULTANCY PRIVATE LIMITED	3 MONTHS	26.01.25	27.04.25
39.	RITHICK ROSAN A	ZHETA INDUSTRIAL CONSULTANCY PRIVATE LIMITED	3 MONTHS	26.01.25	27.04.25
40.	SURYA K	ZHETA INDUSTRIAL CONSULTANCY PRIVATE LIMITED	3 MONTHS	26.01.25	27.04.25
41.	VIGNESH M	LUCAS TVS LIMITED	1 MONTH	13.08.25	13.09.25

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1.	Automatic Fan Control in Cooling Tower using PLC	RITHICK ROSAN A CHANDRESH KUMAR RAJ J SREE VARSHAN S VIGNESH S	Solara Active Pharma Science, Kalapet, Puducherry-605014	12 Months

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1.	Industry Visit at MSME Technology Centre, Puducherry	26-07-2025	35	35

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	360 Group of Companies	13.02.2026	Training and internship	Five Years
2.	Mirai Garage	13.02.2026	Training and internship	Five Years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	**27**
Number of Students opted Higher Studies	**04**
Number of Entrepreneur	**-**

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	KAVYA M	TCS NINJA	3.46 LAKHS/ ANNUM
2	MOHAMED RIYAS. M	COGNIZANT GENC	4 LAKHS/ ANNUM
3	VIJAYA DURGA R	ENDURANCE	3.75 LAKHS/ ANNUM
4	VIJAY@ADHITHIYA S	TEMPEL	3LAKHS/ ANNUM
5	CHANDRU S	TEMPEL	3LAKHS/ ANNUM
6	ABILASH. G. S	FOXCONN INDIA PVT	2.76 LAKHS/ ANNUM
7	DEEPAK. M	FOXCONN INDIA PVT	2.76 LAKHS/ ANNUM
8	DHILIPKUMAR. T	FOXCONN INDIA PVT	2.76 LAKHS/ ANNUM
9	GANESH KUMAR. S	FOXCONN INDIA PVT	2.76 LAKHS/ ANNUM
10	KAILASANATHAN. D	FOXCONN INDIA PVT	2.76 LAKHS/ ANNUM
11	SENTHILNATHAN. A	FOXCONN INDIA PVT	2.76 LAKHS/ ANNUM
12	SREE VARSHAN. S	FOXCONN INDIA PVT	2.76 LAKHS/ ANNUM
13	SWAMINATH. R	FOXCONN INDIA PVT	2.76 LAKHS/ ANNUM
14	ANUSH RAGHAV. V	FOXCONN INDIA PVT	2.76 LAKHS/ ANNUM
15	HARISH SEN. S. V	FOXCONN INDIA PVT	2.76 LAKHS/ ANNUM
16	KALIMUTHU. C	FOXCONN INDIA PVT	2.76 LAKHS/ ANNUM
17	RAJKUMAR. B	FOXCONN INDIA PVT	2.76 LAKHS/ ANNUM
18	RITHICK ROSAN. A	FOXCONN INDIA PVT	2.76 LAKHS/ ANNUM

19	SURYA. K	FOXCONN INDIA PVT	2.76 LAKHS/ ANNUM
20	SUTHARASAN S	SL LUMAX PVT	2.16LAKHS/ ANNUM
21	KAVYA M	TCS NINJA	3.46 LAKHS/ ANNUM
22	MOHAMED RIYAS. M	COGNIZANT GENC	4 LAKHS/ ANNUM
23	VIJAYA DURGA R	ENDURANCE	3.75 LAKHS/ ANNUM
24	VIJAY@ADHITHIYA S	TEMPEL	3LAKHS/ ANNUM
25	CHANDRU S	TEMPEL	3LAKHS/ ANNUM
26	ABILASH. G. S	FOXCONN INDIA PVT	2.76 LAKHS/ ANNUM
27	DEEPAK. M	FOXCONN INDIA PVT	2.76 LAKHS/ ANNUM

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	HARIHARAN N	HMT college	Marine Engineering
2	PARANJOTHI A	HMT college	Marine Engineering
3	NAVINKUMAR A	Sri Manakula Vinayagar Engineering College	M.Tech
4	MARIA JEFFREY S	Loyal Institute of Business Administration	MBA

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
	Nil			

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1	Powder Metallurgy	A.Harish, Eaton Power Quality Pvt. Ltd, Puducherry	31-01-2026	State	60
2	Challenges and Future scope in Automotive Engineering and Supply Chain Management	Ms.A.Roopashree Mr.A.Anandhan Renault Nissan Technology and Business center, Chennai.	20.02.2026	State	200
3	3D Modelling using Autodesk Fusion 360 and FDM 3D Printing Workshop	Mr.Daniel, Adroiit Technovations, Puducherry	08-10-2025	State	38
4	Engine Diagnostics and Troubleshooting	Mr.S.Sidharth, Managing Director, MIRAI GARAGE,	25.07.2025 (Friday) & 26.07.2025	State	30

	Techniques	Puducherry.	(Saturday)		

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized by	Date of Event	Level (State / National / International)	No. of Participants
1	Mechatron skyfest 2K26	Mechatronics	13.02.2026	National	467

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S. No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1.	Yeshwant N (24UMT040) Arulganesh S (24UMT009)	International Conference On Advanced Materials And Their Applications 2025 (ICAMA'25)	V.O. Chidambaram College, Thoothukudi	2nd Prize (No Cash Prize)
2.	Logeshwaran N (23MTL001) Raghul R (23UMT029)	Robofest 2025 – Robowar	SRM University, Kattankulathur, Chennai	3rd Prize – Cash Prize ₹7000
3.	Afridh S (23UMT003)	Idea Pitch	Sri Manakula Vinayagar Medical College	3rd Prize – Cash Prize ₹10,000
4.	Keren (23UMT015)	PAPER FUSION 2025 – National Level Paper Presentation	Bangalore Institute of Technology	3rd Prize – Cash Prize ₹2000

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1.	Nil	

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1.	NIl	

9.4 Awards / Prizes and Recognition received by teachers at University, State, National and International level

S.No	Name of the Faculty	Name of Awards / Recognition
1.	Nil	

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	S.Jagan	ISTE National Annual Faculty Convention	Sri Manukula Vinayagar Engineering College	2

2	S.Prakash	ISTE National Annual Faculty Convention	Sri Manukula Vinayagar Engineering College	2
3	S.Kalaimani	ISTE National Annual Faculty Convention	Sri Manukula Vinayagar Engineering College	2
4	M.Subitha	ISTE National Annual Faculty Convention	Sri Manukula Vinayagar Engineering College	2
5	S.Jagan	Inteligent Industrial Automation	Velammal Institute of Technology	5
6	S.Jagan	Quantum AI: Eduacting the Next Generation of Professionals	Sri Venkateswara college of Engineering	5
7	S.Jagan	Cloud Enabled deep Learning with Enhanced Security Protocols	RGM College of Engineering and Technology	5
8	S.Jagan	Smart Manufacturing Technologies Aligned with industry 4.0 scenario	T.J.S College of Engineering	5
9	S.Jagan	"IoT In Focus: Emerging Trends And Real World Challenges"	Sri Sai Ram Engineering College	5
10	S.Kalaimani	Advances In Manufacturing Special Processes And Practices	BIT Sindri	5
11	S.Kalaimani	Smart Manufacturing Technologies Aligned With Industry 4.0:Scenario	T.J.S Engineering College	5
12	S.Kalaimani	Emerging Trends Innadvanced Engineering Research Opportunities And Challenges	Sree Sakthi Engineering College	5
13	S.Kalaimani	Emerging Trends In Research Innovation And Intellectual Funding Opportunities	Takshashila University	5
14	S.Kalaimani	Advancements in Instrumentation Engneering through AI	AICTE	5
15	M.Subitha	Embedded System Design with ARM	Indian Institute of Technology Kharagpur	Jan-Mar 2025 8-week course
16	S.Prakash	Sustainable Development through Renewable Energy Integration	AICTE Training and Learning (ATAL) Academy	6 days
17	S.Prakash	Development Program on Intelligent Industrial Automation	Velammal Institute of Technology	5 days
18	S.Prakash	Quantum AI: Educating the next Generation of Professionals	Sri Venkateswara College of Engineering	5 days

9.6 Best Practices followed by the Department.

S.No	Best Practice	Description
1	Micro and Mini Project Based Learning	Students develop micro and mini projects to enhance innovation, practical skills and application of engineering concepts.

2	Industrial Visit	Students visit the automation industries to gain practical exposure to manufacturing processes, system testing, quality control, and real-time applications of automated systems.
3	Technical Competitions and Hackathons	Students in Mechatronics involved actively participate in technical competitions and hackathons to design innovative automated systems, robotics solutions, and intelligent engineering applications.
5	Alumni Interaction Programs	Alumni share professional experiences, guiding students about career opportunities in Mechatronics field.

9.7 List three distinguished alumni of the department from the recent passes-out batch.

S.No	Name of the Alumni	Contact Details
1	Ms.A.Roopashree	Renault Nissan Technology and Business center, Chennai.
2	Mr.A.Anandhan	Renault Nissan Technology and Business center, Chennai.
3	Mr.S.Amarnaath	Lucas TVS Limited Puducherry.

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

DEPARTMENT OF MECHATRONICS

Academic & Administrative Audit – Recommendations

Recommendations:

Criteria	Remarks
Curricular Aspects	The department is advised to ensure strict adherence to the academic plan, including a transparent process for collecting student elective preferences and obtaining formal approval for subject allocation. Structured lesson plans must be prepared and implemented effectively, with regular monitoring to identify and correct deviations.
Teaching, Learning and Evaluation	Faculty members are advised to develop clear understanding and guidelines for setting measurable targets aligned with Course Outcomes (COs) and Program Outcomes (POs) for both theory and laboratory courses. Structured training and standard rubrics may be implemented to ensure consistency in defining and assessing target attainment levels.
Structured Feedback	Structured feedback is collected from students, alumni, and employers, and it is reviewed regularly at the departmental level.
Research, Innovation and Publications	Faculty members are encouraged to publish research articles in reputed Q1 and Q2 journals and actively present their work at national and international conferences..
Collaborations and Linkages	Efforts should be made to improve funded research projects and strengthen industry collaborations.
Student Progression	Student progression is satisfactory, and proper documentation is maintained within the department.
Activity Conducted / Organized by the Department	The department regularly organizes workshops, seminars, guest lectures, and hands-on training programs. Relevant documentation is well maintained.
Achievements	Faculty participation in academic and research activities needs to be further enhanced.
General Remarks	• More focus should be given to research and development activities. • It is recommended to encourage students to actively participate in international-level competitions and engage in research activities to enhance their exposure and competencies. • It is recommended that all documents be periodically reviewed, duly signed, and systematically maintained to ensure accuracy, accountability, and compliance.

Dr.N.Thilagavathi
Professor
Department of Information Technology
Sri Manakula Vinayagar Engineering College

Dr. A.Karunamurthy
Associate professor
Department of Master of Computer Appications
Sri Manakula Vinayagar Engineering College

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

BIO MEDICAL ENGINEERING

ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENT OF BIOMEDICAL ENGINEERING
Academic Year 2025-26
Internal Audit

SECTION –1: BASIC INFORMATION

Audit Date	14.03.2026
Name of the Department	BIOMEDICAL ENGINEERING
Year of Establishment	2019
Head of the Department	Dr.A.Vijayalakshmi
Programs Offered	Name of the Program: B.Tech. Biomedical Engineering; Approved Intake: 60
Programs Discontinued if any	
Number of full time Teachers	Professor: Available 1, Sanctioned 1, Filled 1 Associate Professor: Available 3, Sanctioned 2, Filled 2 Assistant Professor: Available 11, Sanctioned 6, Filled 12
Number of Technical Staff	2
Number of Students	For UG -------: First Year 22 M 32 F 54; Second Year 18 M 39 F 57; Third Year 22 M 24 F 46; Fourth Year 21 M 34 F 55; Total 83 M 129 F 212 For PG ------: Year / First Year / Second Year / Total (M, F, Total blank)
Faculty Student Ratio	For UG: 1:15 / For PG ------:

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	
2	Faculty Subject Preferences	Yes	
3	Elective choices from the students	Yes	
4	Course allotment to the faculty	Yes	
5	Time Table (UG and PG)	Yes	
6	Lesson plan for each course	Yes	

2.2 Curriculum/syllabus revision

S.No	Program Name	Regulation	Last Revised on
1	B.Tech Biomedical Engineering	R 2026	30.01.2026

Summary of changes in Curriculum/syllabus

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus
Courses included in the R- 2023 curriculum are • Design Thinking and IDEA Lab • Universal Human Values II • Theory cum practical courses	Introduced R2026 new courses focusing on biomedical applications, advanced technologies for healthcare diagnosis

• Micro and Mini projects • Honours / Minor degree Courses • Research methodology • Embedded Systems for Healthcare • Ability enhancement courses • Value added courses • Mandatory Courses introduced as per NEP • Climate Change • Right to Information and Good Governance • Essence of Indian Traditional Knowledge Gender Equality	Distinctive Features • Theory-cum-practical structure enhancing experiential and hands-on learning. • 20–40% syllabus revision aligning with recent technologies and industry needs. • New professional and open electives addressing emerging healthcare domains. • Improved employability through hospital equipment management and regulatory awareness. Industry Relevance • Application-oriented courses: Medical Robotics, Device Design, Medical Informatics. • Focus on diagnostic, therapeutic, and clinical engineering practices. • Strengthened analytical, problem-solving and system-level design skills. Emerging Technologies Integration • Advanced electives: Haptics, VR/AR/MR in Medicine, MEMS Applications. • Domains: Bioanalytical Techniques, Assistive Technology, Expert Systems. • Exposure to smart healthcare, digital systems, and Industry 4.0 ecosystem.

2.3 List of Professional Elective Courses offered by the department

ODD Semester

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	IV/VII	Nanotechnology in Medicine	U20BME720	55
2	III/V	Laser and Fiber Optics in Medicine	U23BME505	46

2.4 List of Open Elective Courses offered by other department

ODD Semester

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1	IV/VII	ECE	Sensors for Industrial Applications	U20ECO706	55
2	III/V	MBA	Intellectual Property Rights	U23HSOCO1	46

2.5 List of Skill Development Courses offered by the department

ODD Semester

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	II / III	Testing and Troubleshooting of Medical Equipment	U23BMS301	57

2.6 List of Certification Courses offered by the department

ODD Semester

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	III/V	Android Medical App Development	U23BMC537	46
2	II/III	Python Programming	U23BMC375	57
3	I/I	C Programming	U23BMC123	54

2.7 List of Mandatory Courses offered by the department

ODD Semester

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	IV/VII	Professional Ethics	U20BMM707	55
2	III/V	Essence of Indian Traditional Knowledge	U20BMM505	46
3	II/III	Climate Change	U23BMM303	57
4	I/I	Induction Program	U23BMM101	54

2.8 List of Add-on/Value Added/MOOC Courses conducted by the department

S.No	Year / Sem	Name of the Course	Course Code	Number of Students Registered	Number of Students Successfully Completed
1	III / V	Cloud Computing		14	12
2	III / V	Introduction to Internet of things		7	7
3	II / III III / V	Forest and Their Management		8	2
4	III / V	Think Biology		1	1
5	III / V	Biomechanics of Joints & orthopedic Implants		4	3
6	II / III	Foundation of Cloud IOT Edge		3	1
7	IV / VII	Embedded System Design with Arm		3	1
8	IV / VII III / V	Sensors and Actuators		15	14
9	IV / VII III / V	Microsensors and Nanosensors		3	1
10	III / V	Introduction to Large Language Models (LLMs)		4	2
11	II / III	Introduction to Industry 4.0 and Internet of Things		1	1

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

ODD Semester

IV Year / VII Semester / 2022-2026

Sl.No.	Course Title	Course Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Virtual Bioinstrumentation	U20BMT718	Mrs.D.Yuvasri	45	45	57
2.	Medical Image Processing	U20BMT719	Mr.S.Suguna	45	45	54
3.	Professional Elective – IV Nanotechnology in Medicine	U20BME720	Mrs.T.Logasundari	45	45	48

4.	Open Elective – IV / Sensor for Industrial Applications	U20ECO706	Mr.P.Diwakaranand	45	45	51
PRACTICAL						
5.	Business Basics for Entrepreneur	U20HSP703	Mrs.R.Keerthana	30	30	26
6.	Virtual Bioinstrumentation Laboratory	U20BMP713	Mrs.D.Yuvasri	30	30	32
7.	Medical Image Processing Laboratory	U20BMP714	Mr.S.Suguna	30	30	29
8.	Comprehensive Viva-voce	U20BMP715	Mr.A.Aravind	30	30	29
PROJECT WORK						
9.	Project Phase – I	U20BMW701	Dr.A.Vijayalakshmi	30	30	48

III Year / V Semester / 2023-2027

Sl.No.	Course Title	Course Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Research Methodology	U23HSTC02	Dr.A.Vijayalakshmi	45	45	47
2.	Programming in Java	U23ITTC02	Mrs.S.Subasree	45	45	47
3.	Microcontroller and its Medical Applications	U23BMT507	Mr.K.Babu	45	45	59
4.	Professional Elective – II / Laser and Fiber Optics in Medicine	U23BME505	Mr.A.Aravind	45	45	50
5.	Open Elective – I / Intellectual Property Rights	U23HSOCO1	Mrs.S.Rajalakshmi	45	45	50
THEORY CUM PRACTICAL						
6.	Biocontrol Systems	U23BMB502	Mrs.N.Radha	45	45	50
PRACTICAL						
7.	Programming in Java Laboratory	U23ITPC02	Mrs.S.Subasree	30	30	32
8.	Microcontroller and its Medical Applications Laboratory	U23BMP505	Mr.K.Babu	30	30	33
9.	Hospital Training	U23BMP506	Mr.R.Vignesh Raj	30	30	31
PROJECT WORK						
10.	Microproject	U23BMW501	Mr.P.Diwakaranand	30	30	33

II Year / III Semester / 2024-2028

Sl.No.	Course Title	Course Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Probability and Statistics	U23MATC03	Mrs.M.Sugasini	60	60	62
2.	Programming in Python	U23ADTCO1	Mrs.S.Subasree	45	45	48
3.	Biosignals and Systems	U23BMT301	Mr.P.M.Bharath	60	60	62
4.	Linear Integrated Circuits	U23ICTCO1	Mr.R.Vigneshraj	45	45	50
5.	Digital Logic Circuits	U23ICTCO2	Mrs.S.Arunthathi	45	45	64

THEORY CUM PRACTICAL						
6.	Pathology and Microbiology /	U23BMB301	Dr.A.V.Srinath	45	45	47
PRACTICAL						
7.	General Proficiency – I	U23ENPCO1	Dr.A.Velmurgan	30	30	33
8.	Engineering Mathematics Laboratory	U23MAPCO1	Mrs.M.Sugasini	30	30	33
9.	Programming in Python Laboratory	U23ADPCO1	Mrs.S.Subasree	30	30	36
10.	Linear and Digital Integrated Circuits Laboratory	U23ICPC01	Mrs.S.Arunthathi	30	30	33

I Year / I Semester/ 2025-2029

Sl.No.	Course Title	Course Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Engineering Mathematics – I	U23MATC01	Mrs.M.Sugasini	60	60	62
2.	Physical Science for Engineers	U23BSTC01	Dr.K.Samuvel Dr.E.Bharathi	45	45	46
3.	Human Anatomy and Physiology	U23BMT101	Mr.S.Ashwin	45	45	48
4.	Basic Electrical Circuits	U23BMT102	Mr.M.Vadivelan	60	60	64
5.	Fundamentals of Civil and Mechanical Engineering	U20ESTC01	Dr.M.Elangovan Mrs.A.Kalyani	45	45	48
THEORY CUM PRACTICAL						
6.	Communicative English-I	U23ENBC01	Ms.V.Vasumathi	60	60	64
PRACTICAL						
7.	Physiology Laboratory	U23BMP101	Mr.S.Ashwin	30	30	30
8.	Basic Electrical Circuits Laboratory	U23ESPC02	Mr.M.Vadivelan	30	30	30
9.	Design Thinking and IDEA Lab	U23MATC01	Mr.S.Ashwin	30	30	27

3.1 Use of ICT Tools in Teaching Learning

IV Year / VII Semester / 2022-2026

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.D.Yuvasri	Virtual Bioinstrumentation	PPT&Video
2	Mr.S.Suguna	Medical Image Processing	PPT
3	Mrs.T.Logasundari	Professional Elective – IV / Nanotechnology in Medicine	PPT&Video
4	Mr.P.Diwakaranand	Open Elective – IV / / Sensor for Industrial Applications	PPT
5	Mrs.R.Keerthana	Business Basics for Entrepreneur	PPT
6	Mrs.D.Yuvasri	Virtual Bioinstrumentation Laboratory	PPT&LabVIEWVideo
7	Mr.S.Suguna	Medical Image Processing Laboratory	PPT&Matlab Simulation Video demonstration

8	Mr.A.Aravind	Comprehensive Viva-voce	PPT
9	Dr.A.Vijayalakshmi	Project Phase – I	PPT

III Year / V Semester / 2023-2027

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.A.Vijayalakshmi	Research Methodology	PPT
2	Mrs.S.Subasree	Programming in Java	PPT&Video
3	Mr.K.Babu	Microcontroller and its Medical Applications	PPT&Video
4	Mr.A.Aravind	Professional Elective – II / Laser and Fiber Optics in Medicine	PPT
5	Mrs.S.Rajalakshmi	Open Elective – I / Intellectual Property Rights	PPT&Video
6	Mrs.N.Radha	Biocontrol System	PPT
7	Mrs.S.Subasree	Programming in Java Laboratory	PPT& Video demonstration
8	Mr.K.Babu	Microcontroller and its Medical Applications Laboratory	PPT& Video demonstration
9	Mr.R.Vignesh Raj	Hospital Training	PPT

II Year / III Semester / 2024-2028

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.M.Sugasini	Probability and Statistics	PPT
2	Mrs.S.Subasree	Programming in Python	PPT&Video
3	Mr.P.M.Bharath	Biosignals and Systems	PPT&Video
4	Mr.R.Vigneshraj	Linear Integrated Circuits	PPT&Video
5	Mrs.S.Arunthathi	Digital Logic Circuits	PPT&Video
6	Dr.A.V.Srinath	Pathology and Microbiology	PPT&Video
7	Dr.A.Velmurgan	General Proficiency – I	PPT
8	Mrs.M.Sugasini	Engineering Mathematics Laboratory	PPT& Video demonstration
9	Mrs.S.Subasree	Programming in Python Laboratory	PPT& Video demonstration
10	Mrs.S.Arunthathi	Linear and Digital Integrated Circuits Laboratory	PPT& Video demonstration

I Year / I Semester/ 2025-2029

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.M.Sugasini	Engineering Mathematics – I	PPT
2	Dr.K.Samuvel Dr.E.Bharathi	Physical Science for Engineers	PPT&Video
3	Mr.S.Ashwin	Human Anatomy and Physiology	PPT&Video
4	Mr.M.Vadivelan	Basic Electrical Circuits	PPT&Video
5	Dr.M.Elangovan Mrs.A.Kalyani	Fundamentals of Civil and Mechanical Engineering	CAD Software
6	Ms.V.Vasumathi	Communicative English-I	PPT&Video
7	Mr.S.Ashwin	Physiology Laboratory	PPT& Video demonstration
8	Mr.M.Vadivelan	Basic Electrical Circuits Laboratory	PPT& Video demonstration
9	Mr.S.Ashwin	Design Thinking and IDEA Lab	PPT&Video

3.2 List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1.	How to use real-time data acquisition using MATLAB	Mr.Vivek	06-07-2024	46
2.	Harnessing AI in Healthcare Product Development	Mr.Nagarajan VSKM	12.07.2025	55
3.	Design and Development of Bone Implants using 3D printed Biomaterials	Mr.K.Venkatesan	19.07.2024	46
4.	Creative Problem-Solving and prototype Development in Healthcare	Er.K.V.Praveen Kumar	25.07.2025	103
5.	Empowering Futures: Biomedical Engineering Higher Studies & Job Opportunities Abroad	Mrs.Carmel Elakkiya and Mrs.Ruby Chauncy	27.07.2024	103
6.	Session on Startups Launches,Entry Strategies,Funding and Growth Perspectives	Dr,S,Elam Cheran	29.07.2024	158
7.	IoT based Healthcare Product Development using Arduino and Raspberry Pi	Mr.M Tamizharasan and Mr.N Harinath	31.07.2025 & 01.08.2025	46
8.	Patenting Biomedical Devices and Health-Tech Innovations	Mr.Jayakumar	31.07.2024	54
9.	INNOVATION TO ENTERPRISE: Startup Ideas and Product Development Workshop	Er.K.V.Praveen Kumar	12.08.2025 & 13.08.2025	46
10.	Human Anatomy and Ergonomics for Archieving Problem-Solution fit	Er.D.Murugan	14.08.2024	111
11.	Testing and Calibration of Biomedical Equipment	Er.K.Vinoth Kumar	19.09.2025	158

3.3 Activities for Slow and Advanced Learners

IV Year / VII Semester / 2022-2028

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Virtual Bioinstrumentation	Mrs.D.Yuvasri	Yes	2	Yes
2	Medical Image Processing	Mr.S.Suguna	Yes	2	Yes
3	Professional Elective – IV / Nanotechnology in Medicine	Mrs.T.Logasundari	Yes	2	Yes

4	Open Elective – IV / Cloud Technology and its Applications	Mr.P.Diwakaranand	Yes	2	Yes

III Year / V Semester / 2023-2027

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Research Methodology	Dr.A.Vijayalakshmi	Yes	2	Yes
2	Programming in Java	Mrs.S.Subasree	Yes	2	Yes
3	Microcontroller and its Medical Applications	Mr.K.Babu	Yes	2	Yes
4	Professional Elective – II / Laser and Fiber Optics in Medicine	Mr.A.Aravind	Yes	2	Yes
5	Open Elective – I / Intellectual Property Rights	Mrs.S.Rajalakshmi	Yes	2	Yes
6	Biocontrol System	Mrs.N.Radha	Yes	2	Yes

II Year / III Semester / 2024-2028

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Probability and Statistics	Mrs.M.Sugasini	Yes	2	Yes
2	Programming in Python	Mrs.S.Subasree	Yes	2	Yes
3	Biosignals and Systems	Mr.P.M.Bharath	Yes	2	Yes
4	Linear Integrated Circuits	Mr.R.Vigneshraj	Yes	2	Yes
5	Digital Logic Circuits	Mrs.S.Arunthathi	Yes	2	Yes
6	Pathology and Microbiology	Dr.A.V.Srinath	Yes	2	Yes

I Year / I Semester / 2025-2029

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Engineering Mathematics – I	Mrs.M.Sugasini	Yes	2	Yes
2	Physical Science for Engineers	Dr.K.Samuvel Dr.E.Bharathi	Yes	2	Yes
3	Human Anatomy and Physiology	Mr.S.Ashwin	Yes	3	Yes
4	Basic Electrical Circuits	Mr.M.Vadivelan	Yes	2	Yes

5	Fundamentals of Civil and Mechanical Engineering	Dr.M.Elangovan Mrs.A.Kalyani	Yes	2	Yes
6	Communicative English-I	Ms.V.Vasumathi	Yes	1	Yes

3.4 Counseling and Mentoring

No. of Students in Department	Number of Mentors in the Department	Mentor: Mentee Ratio
212	14	1:15

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor allocation	Yes	
2	Class wise student profile record maintained.	Yes	
3	Mentor–mentee session record maintained.	Yes	

3.5 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous assessment examination conducted as per the academic calendar	Yes	
2	Are proper evaluation methods used for courses such as Employability Enhancement Courses, mandatory courses etc.,	Yes	
3	Details of internal marks awarded	Yes	
4	Any grievances raised in internal evaluation?	No	

3.6 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	
2	Correlation of COs with POs and PSOs for each course available	Yes	
3	Course Exit survey conducted	Yes	
4	Course Outcome Attainment Calculated	Yes	
5	Corrective Action Suggestion available for the courses where CO target is not attained	Yes	
6	Program exit survey conducted	Yes	
7	PSO and PO attainment through CO	Yes	
8	Corrective Action Suggestion available where PO target is not attained		

3.7 Student Performance in End Semester Examination

Odd Semester

IV Year / VII Semester / 2022-2028

Sr. No	Particular	UG	PG
1	Number of Students appeared	55	
2	Number of All Clear Students	51	
3	Number of Students passed with Distinction	15	
4	Number of Students passed with First Class	36	
5	Number of Students passed with Second Class	-	

6	Number of Students Failed	4	
7	Passing Percentage	92.7%	

III Year / V Semester / 2023-2027

Sr. No	Particular	UG	PG
1	Number of Students appeared	46	
2	Number of All Clear Students	39	
3	Number of Students passed with Distinction	7	
4	Number of Students passed with First Class	32	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	7	
7	Passing Percentage	84.7%	

II Year / III Semester / 2024-2028

Sr. No	Particular	UG	PG
1	Number of Students appeared	57	
2	Number of All Clear Students	50	
3	Number of Students passed with Distinction	9	
4	Number of Students passed with First Class	41	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	7	
7	Passing Percentage	84.7%	

I Year / I Semester / 2025-2029

Sr. No	Particular	UG	PG
1	Number of Students appeared	54	
2	Number of All Clear Students	45	
3	Number of Students passed with Distinction	17	
4	Number of Students passed with First Class	28	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	9	
7	Passing Percentage	87.7%	

3.8 Student Performance of Outgoing Students

Sr. No	Particular	UG	PG
1	Number of outgoing students	-	
2	Number of students successfully completed the program	-	
3	Number of students completed the program with no backlogs	-	
4	Number of students completed the program with backlogs	-	

2	2024-2025	-	-	-	-	-
3	2023-2024	12	Scopus	-		2.7
4	2022-2023	11	-	-	-	-
5	2021-2022	-	-	-	-	-

Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	-
Number of Publications in International Journals	1
Number of Publications in National Conferences	3
Number of Publications in International Conferences	-
Number of Books / Book Chapters	6
Number of Patents (Filed)	15
Number of Patents Granted	-
Number of Design Patents (Filed)	-
Number of Design Patents Granted	-

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	Cost effective and Scalable PMU Placement Strategies for Enhanced Power Grid Monitoring and Management	Mr.P.M.Bharath	AVE Trends in Intelligent Management Lettters	June, 2025 / 3069-1117 Vol 1, No 2. pp. 83–96	Scopus

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	AI-Powered Pnemonia Detection using YOLOv8 and ONNX Runtime Web	P.M.Bharath, A.Vijayalakshmi, S.Suguna	Reimagining Education 5.0 Emerging Technology for a Sustainable Future	29 – 30, November 2025 & 2 Days		
2	Design of Chitosan Grafted E-Skin with Natural Polymer Crosslinking and Embedded Ai Chips	M.Vadivalan	Reimagining Education 5.0 Emerging Technology for a Sustainable Future	29 – 30, November 2025 & 2 Days		
3	A Unified Smart Learning Environment Framework for Clinical and Biomedical Education	Srinath.A.V, Babu.K, P.M.Bharath	Reimagining Education 5.0 Emerging Technology for a Sustainable Future	29 – 30, November 2025 & 2 Days		

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Academic expert feedback on curriculum with analysis and action taken report	Yes	20	
2	Employer feedback on curriculum with analysis and action taken report	Yes	15	
3	Teacher feedback on curriculum with analysis and action taken report	Yes	15	
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes	212	
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	18	
6	Alumni feedback on curriculum with analysis and action taken report	Yes	60	
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	197	
8	Graduate (program) Exit Survey with analysis and action taken report	Yes	39	

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
1	Dr.K.Naveenkumar Mrs.T.Logasundari	Two Days National Seminar on "Next Generation Technology and Research Horizons in Medical Instrumentation"	SERB	0.84	2 Days
2	Dr.A.Vijayalakshmi	One-day Workshop On "Testing and Calibration of Biomedical Equipment"	IEI	0.2	1 Day

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy

5.3 Faculty Publications (faculty-wise list)

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors
1	2025-2026	1	-	-	-	-

6	Mrs.T.Logasundari	Mrs.T.Logasundari Mrs. S.Suguna Mrs. N. Radha Mr.M.Vadivelan B.Madhimalar	Detection of Dopamine in blood using Spectroscopic analysis	-	-	Filed
7	Mr.M.Vadivelan	Mr.M.Vadivelan Mr.A.Aravind Mrs. S. Suguna Mrs. N. Radha L.Gayathri	Self-Operative Creatinine Test Kit	-	-	Filed
8	Mr.A. Aravind	Mr.A. Aravind Mr.M.Vadivelan Mrs.T.Logasundari Mrs. S. Suguna R.Rajaprakash	Automated Phlebotomy Sampler	-	-	Filed
9	Dr.A.Vijayalakshmi	Dr.A.Vijayalakshmi Mr.K.Babu Mr.M.Vadivelan Mrs.T.Logasundari V.Shanjaya	Wearable Body Posture Detection System with Physiological Response Monitoring Using IoT	-	-	Filed
10	Mr.K.Babu	Mr.K.Babu Dr.A.Vijayalakshmi Mr.A. Aravind Mrs.T.Logasundari R.Sathish Kumar	Acquisition of Excreta by Dual Sectioning using Clutching Techniques	-	-	Filed
11	Dr.A.Vijayalakshmi	Dr.A.Vijayalakshmi Mrs. S. Suguna Mr.A.Aravind Mr.K.Babu Kavipriya	Life-Saving Wearable Device to Predict Myocardial Infarction	-	-	Filed
12	Dr.A.V.Srinath	Dr.A.V.Srinath Mrs.T.Logasundari Mr.P.M.Bharath Mr.A.Aravind N.Salmabegam	A Fusion of IOT and AI Powered Gloves for Rehabilitation and Gesture Recognition	-	-	Filed
13	Mr.P.M.Bharath	Mr.P.M.Bharath Dr.KAV.Nekaa Nithya Sre Dr.A. Vijayalakshmi Mrs. S. Suguna A.Madhanagopal	Real-Time Cardiac Monitoring and Disease Prediction Using Digital Stethoscope	-	-	Filed
14	Mrs. N. Radha	Mrs. N. Radha Mr.K.Babu Mrs.T.Logasundari Dr.A.V.Srinath J.Pavitra	IoT enabled wearable mask integrated with AI&ML for fibrosis	-	-	Filed
15	Mrs.T.Logaundari	Mrs.T.Logaundari Dr.KAV.Nekaa Nithya Sre Mr.M.Vadivelan Mrs.N.Radha V.Anandhavelan	Noninvasive measurement of Hemoglobin and cholesterol using PPG signal	-	-	Filed

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Advanced Pathways in Electrical, Communication and automation	Mrs.T.Logasundari		CRC Press Taylor & Francis Group
2	Non-Invasive Phototherapy Device Using LED for Psoriasis, Eczema and Wound Healing	A. Vijayalakshmi, P. Nevedhaa, K. Soorya, M. Hemachandran		Springer Publication
3	Life-Saving Wearable Device to Predict Myocardial Infarction / Sensors Imaging System and Techniques – Volume I and Volume II	Dr.A.Vijayalakshmi, Nevedhaa P Indhumathi P Mahalakshmi S Malathi K	On Progress	Bentham Science Publication
4	Wearable device for epilepsy / Sensors Imaging System and Techniques - Volume I and Volume II	Mrs.N.Radha Padmasri.S.R Anushiya.A Anandajothy.S	On Progress	Bentham Science Publication
5	Early Detection and Smart Pain Relief Device for Varicose Vein using IoT / Sensors Imaging System and Techniques - Volume I and Volume II	Mrs. N. Radha Krishnaa S Mithun Pranesh Sharma G Vignesh Kumar P	On Progress	Bentham Science Publication
6	Smart Stammering Speech Convertor Using Ai And Neural Network / Sensors Imaging System and Techniques - Volume I and Volume II	Mr.M.Vadivelan Aruni .P Marie Jenifer .R Vijayalakshmi .B	On Progress	Bentham Science Publication

Patent

S. No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	Dr.A.Vijayalakshmi	Dr.A.Vijayalakshmi Mr.P.M.Bharath Dr.A.V.Srinath Mr.A.Aravind M.Janani	Next generation Smart bandages with AI-driven solutions for chronic wound management	-	-	Filed
2	Dr.A.V.Srinath	Dr.A.V.Srinath Mrs.T.Logasundari Mr.K.Babu Mr.P.M.Bharath J.Joeqhim Veroni	A Non-Invasive Mucus Detection and Control by using Spectral Sensor and PID Controller	-	-	Filed
3	Mr.P.M.Bharath	Mr.P.M.Bharath Dr.A.V.Srinath Dr.A.Vijayalakshmi Mrs. S. Suguna M.Rathish	Automated Insulin Modelling	-	-	Filed
4	Mrs. N. Radha	Mrs. N. Radha Dr.A.Vijayalakshmi Mr.P.M.Bharath Dr.A.V.Srinath V.Dhivya	Early Detection and Smart Pain Relief Device for Varicose Vein using IoT	-	-	Filed
5	Mrs. S. Suguna	Mrs. S. Suguna Mrs. N. Radha Mr.K.Babu Mr.P.M.Bharath K.S.Sujitha Sree	Portable Pain-Relieving Device Using Electro - Magnetic Induction	-	-	Filed

19	Sujitha S	KV Biomedicals, Chennai.	1 Month	17.12.2025	17.01.2026
20	Sobiya M	KV Biomedicals, Chennai.	1 Month	17.12.2025	17.01.2026
21	Sajini navab N	KV Biomedicals, Chennai.	1 Month	17.12.2025	17.01.2026
22	Abirami V	KV Biomedicals, Chennai.	1 Month	17.12.2025	17.01.2026
23	Gouri nanda R	KV Biomedicals, Chennai.	1 Month	17.12.2025	17.01.2026
24	Jency K	KV Biomedicals, Chennai.	1 Month	17.12.2025	17.01.2026
25	Yuvasri S	KV Biomedicals, Chennai.	1 Month	17.12.2025	17.01.2026
26	Anbarasi I	Medfit Diagnostics Center	1 week	09.06.2025	14.06.2025
27	Nirlipta Meghamala Sahoo N	Medfit Diagnostics Center	1 week	09.06.2025	14.06.2025
28	Ramya D	Medfit Diagnostics Center	1 week	09.06.2025	14.06.2025
29	Charumathi R	Medfit Diagnostics Center	1 week	09.06.2025	14.06.2025
30	Abdul Rahaman J	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 weeks	01.06.2025	15.06.2025
31	Annamalai S	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 weeks	01.06.2025	15.06.2025
32	Anuretha V	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 weeks	01.06.2025	15.06.2025
33	Anusha O	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 weeks	01.06.2025	15.06.2025
34	Arvindhan B	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 weeks	01.06.2025	15.06.2025
35	Benci Caroleena AB	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 weeks	01.06.2025	15.06.2025
36	Bhavani M	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 weeks	01.06.2025	15.06.2025

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1.	Akash.T	Schiller Healthcare Pvt. Ltd, Puducherry	1Month	07.12.2025	06.012026
2.	Gokularamanan.K	Schiller Healthcare Pvt. Ltd, Puducherry	1Month	07.12.2025	06.012026
3.	Gopesh Anand	Schiller Healthcare Pvt. Ltd, Puducherry	1Month	07.12.2025	06.012026
4.	Syed Feroz Ahamad.N	S Schiller Healthcare Pvt. Ltd, Puducherry	1Month	07.12.2025	06.012026
5.	Thanigaivel.V.R	Schiller Healthcare Pvt. Ltd, Puducherry	1Month	07.12.2025	06.012026
6.	Kamali.T	Schiller Healthcare Pvt. Ltd, Puducherry	1Month	07.12.2025	06.012026
7	Sri Lakshmi.S	Schiller Healthcare Pvt. Ltd, Puducherry	1Month	07.12.2025	06.012026
8	Geetha.D	Atal Incubation Center, Puducherry Technological University.	2 Month	24.12.20255	24.02.2026
9	Logadevi.E	Atal Incubation Center, Puducherry Technological University..	2 Month	24.12.20255	24.02.2026
10	Sharmila.P	Atal Incubation Center, Puducherry Technological University..	2 Month	24.12.20255	24.02.2026
11	Padmaja.J	Atal Incubation Center, Puducherry Technological University.	2 Month	24.12.20255	24.02.2026
12	Rajarajeswari G	KV Biomedicals, Chennai.	1 Month	17.12.2025	17.01.2026
13.	Lavanya V	KV Biomedicals, Chennai.	1 Month	17.12.2025	17.01.2026
14	Monika M	KV Biomedicals, Chennai.	1 Month	17.12.2025	17.01.2026
15	Sampriti V	KV Biomedicals, Chennai.	1 Month	17.12.2025	17.01.2026
16	Pooranamithra K	KV Biomedicals, Chennai.	1 Month	17.12.2025	17.01.2026
17	Sai sabure Sonali R	KV Biomedicals, Chennai.	1 Month	17.12.2025	17.01.2026
18	Keerthana S	KV Biomedicals, Chennai.	1 Month	17.12.2025	17.01.2026

37	Janani M	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 weeks	01.06.2025	15.06.2025
		Mahatma Gandhi Medical College and Research Institute	8 days	9.12.2025	16.12.2025
38	Kavipriya	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 weeks	01.06.2025	15.06.2025
39	Kalaiselvan K	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 weeks	01.06.2025	15.06.2025
40	Mohamed Jasim Y	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 weeks	01.06.2025	15.06.2025
41	Mohamed Tharik M	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 weeks	01.06.2025	15.06.2025
42	Pavithra Marty P	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 weeks	01.06.2025	15.06.2025
43	Pooja B	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 week	01.06.2025	15.06.2025
44	Rudrapriya K	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 week	01.06.2025	15.06.2025
45	Shriven J	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 week	01.06.2025	15.06.2025
46	Sujitha Sree KS	Ibme India(Training Division of V.M.Meditech Pvt.Ltd.)	2 week	01.06.2025	15.06.2025
		Appasamy Associates(P) Ltd	1 week	09.12.2025	15.12.2025
47	Dhivya V	Vijay Multi Speciality Hospital	1 week	07.06.2025	14.06.2025

48	Anadhavelan V	KAV Biomedical Equipment Training and Education	1 week	04.06.2025	09.06.2025
49	Dineshkumar P	KAV Biomedical Equipment Training and Education	1 week	04.06.2025	09.06.2025
50	Joeqim Veronin J	KAV Biomedical Equipment Training and Education	1 week	04.06.2025	09.06.2025
51	Madhanagopal A	KAV Biomedical Equipment Training and Education	1 week	04.06.2025	09.06.2025
52	Salmabegam N	Sree Health Care	1 week	06.06.2025	14.06.2025
53	Pavitra J	Sree Health Care	1 week	06.06.2025	14.06.2025
		Mahatma Gandhi Medical College and Research Institute	8 days	9.12.2025	16.12.2025
54	Sathish Kumar R	Sree Health Care	1 week	04.06.2025	12.06.2025
55	Rathish M	Sree Health Care	1 week	04.06.2025	12.06.2025
56	Rajaprakash R	Sree Health Care	1 week	04.06.2025	12.06.2025
		Schiller Healthcare India Pvt.Ltd	2 days	04.07.2025	05.07.2025
57	Kayalvizhi R	Es.Hospital(Multispecialty Hospital & Linit of Shantha Medical Foundation)	5 days	09.06.2025	13.06.2025
58	Actchaya V	In-Plant Training Intern at Medishines Laboratories	1 week	09.06.20205	14.06.2025
59	Akshaya J	In-Plant Training Intern at Medishines Laboratories	1 week	09.06.20205	14.06.2025
60	Gayathri L	Appasamy Associates(P) Ltd	1 week	09.12.2025	15.12.2025
61	Madhimalar B	Appasamy Associates(P) Ltd	1 week	09.12.2025	15.12.2025
		Shree Health care	1 week	04.06.2025	12.06.2025
62	Shanjay V	Sree Health Care	1 week	08.06.2025	14.06.2025

		Schiller Healthcare India Pvt.Ltd	3 days	05.06.2025	07.06.2025
64	Sakthi Ganapathy G	Sree Health Care	1 week	04.06.2025	16.06.2025
65	Rubesh G	Sree Health Care	1 week	04.06.2025	16.06.2025
66	Sanjay S	Sree Health Care	1 week	04.06.2025	16.06.2025

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
1.				

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1.	Appasamy Associates, Pondicherry	11.10.2025	54	54

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	KV's Biomedical Innovative Learning Hub	06.02.2026	Faculty Development Programmes, Industrial Visit, Seminars, Workshops, Guest Lectures	5 Years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	18
Number of Students opted Higher Studies	-
Number of Entrepreneur	-

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	Florida Alan.A	CTS (Gen C)	4 LPA
2	Oviya.S	CTS (Biomed)	4 LPA
3	Padmaja.	CTS (Gen C)	4 LPA
4	Praveen.M	CTS (Biomed)	4 LPA
5	Poornamithra.	TCS (Ninja)	4 LPA
6	Adithyamoorthy.S	TCS (Ninja)	3.46 LPA
7	Florida Alan.A	TCS (Ninja)	3.46 LPA
8	Praveen.M	TCS (Ninja)	3.46 LPA
9	Sujitha.S	TCS (Ninja)	3.46 LPA
10	Adithyamoorthy.S	Schiller Healthcare Pvt. Ltd.	3.6 LPA
11	Gopesh Anand.M	Schiller Healthcare Pvt. Ltd.	3.6 LPA
12	Hari Prasath.P	Schiller Healthcare Pvt. Ltd.	3.6 LPA
13	Akash.T	Tempel Precision	3 LPA
14	Thanigaivel.V.R	Tempel Precision	3 LPA

15	Gouri Nanda.R	Lumina Datamatics	2.04 LPA
16	Kamali.T	Lumina Datamatics	2.04 LPA
17	Sujitha.S	Lumina Datamatics	2.04 LPA
18	Yuvasri S	Lumina Datamatics	2.04 LPA

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1			

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1				

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under (Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1.	How to use real-time data acquisition using MATLAB	International Society for Technology in Education	06-07-2024	National	46
2.	Harnessing AI in Healthcare Product Development	Biomedical Engineering Society of India	12.07.2025	National	55
3	Design and Development of Bone Implants using 3D printed Biomaterials	Biomedical Engineering Society of India	19.07.2024	National	46
4.	Creative Problem-Solving and prototype Development in Healthcare	Research and Development	25.07.2025	National	103
5.	Empowering Futures: Biomedical Engineering Higher Studies & Job Opportunities Abroad	IEI Student Chapter	27.07.2024	National	103
6.	Session on Startups Launches,Entry Strategies,Funding and Growth Perspectives	Institute of Electrical and Electronics Engineers	29.07.2024	National	158
7.	IoT based Healthcare Product Development using Arduino and Raspberry Pi	Biomedical Engineering Society of India	31.07.2025 & 01.08.2025	National	46
8.	Patenting Biomedical Devices and Health-Tech Innovations	International Society for Technology in Education	31.07.2024	International	54
9.	INNOVATION TO ENTERPRISE: Startup Ideas and Product Development Workshop	Institute of Electrical and Electronics Engineers	12.08.2025 & 13.08.2025	National	46
10	Human Anatomy and Ergonomics for Archieving Problem-Solution fit	International Society for Technology in Education	14.08.2024	National	111

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1		

9.4 Awards / Prizes and Recognition received by teachers at University, State, National and International level

S.No	Name of the Faculty	Name of Awards / Recognition
1	Dr.A.Vijayalakshmi	CII – Indian Women Network Appreciation Award

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	Dr.A.Vijayalakshmi	Bio-Inspired Computing and Intelligent Optimization: Bridging Nature and AI	Sri Sai Ram Institute of Technology	6 Days
		Design Thinking & Innovation for Engineering Interdisciplinary Academics	Dhaanish Ahamed Institute of Technology & University of Edenberg, Africa	5 Days
		Revolutionizing Healthcare: Role of AI in Drug Development, Clinical Trials and Practice	Indian Institute of Information Technology Allahabad	6 Days
		The Future of Healthcare: AI-Infused Med-Tech Innovations	Vinayaka Missions Research Foundation (School of Arts and Science)	6 Days
2	Dr.A.V.Srinath	Microbial Instrumentation – An Overview	Sacred Heart College (Autonomous), Tirupattur	15 Days
		ATAL – Sensors and their Applications	St. Mother Theresa Engineering College	6 Days
		ATAL – Advanced Biomaterials for Orthopedic and Tissue Engineering Applications	Annamacharya Institute of Technology and Sciences	6 Days
3	Mr.P.M.Bharath	Bio-Inspired Computing and Intelligent Optimization: Bridging Nature and AI	Sri Sairam Institute of Technology	6 Days
		ATAL FDP on 3D Printing for Biomedical Applications: Shaping the Future of Healthcare in Industry 4.0	National Institute of Technology Kurukshetra	6 Days
		ATAL FDP on Advanced Research Trends for New Semiconductor Chip Designing	Saveetha Engineering College	6 Days
		ATAL FDP on AI-Driven Wearables and Robotics	Sarvajanik College of Engineering and Technology	6 Days
		Research Methodology	NPTEL	8 Weeks
		ATAL FDP on Recent Advances and Applications of Manufacturing in Industry 4.0	IPS College of Technology & Management	6 Days
		ATAL FDP on Wearable Electronics for Biomedical Applications	Sri Eshwar College of Engineering	6 Days

11	Testing and Calibration of Biomedical Equipment	IEI Student Chapter	19.09.2025	National	158

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized by	Date of Event	Level (State / National / International)	No. of Participants
1	How to Use Real-Time Data Acquisition Using MATLAB	Biomedical Engineering Society of India	23-07-2025	National	8
2	Embedded System for Healthcare	IEI Student Chapter	29.07.2025	National	9

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1	Dhivya V	Technical Competition	Karpagam Academy of Higher Education, Coimbatore	First
2	Benci Caroleena A B Dhivya V	24-Hour Hackathon	K.Ramakrishnan Engineering College, Tiruchirapalli	Second
3	Benci Caroleena A B Dhivya V	Paper Presentation – Ideatex	Mailam Engineering College	First
4	Sumitha Devi.B Keerthana Nandakumar Anu.S Kavyaselvi.M	Healthcare solutions product development competition 2025	Sri Manakula Vinayagar Engineering College	Second
5	Sasmita G Sathyapriya	poster presentation	Sri Manakula Vinayagar Engineering College	Second

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1.	Dr.A.Vijayalakshmi	BOS Chairman, Academic Council Member
2	Dr.A.V.Srinath	BOS Member
3	Mr.P.M.Bharath,	BOS Member
4	Mrs.N.Radha	BOS Member
5	Mrs. S.Suguna	BOS Member
6	Mrs.T.Logasundari	BOS Member
7	Mr.A.Aravind,	BOS Member
8	Mr.M.Vadivelvan	BOS Member
9	Mr.K.Babu	BOS Member

		ATAL FDP on Smart Communication in IoT: Security & Future Applications	St. Joseph College of Engineering	6 Days
		ATAL FDP on Cultivating Innovation: AI in Healthcare	Mahendra College of Engineering	6 Days
4	Mrs. N. Radha	Design Thinking & Innovation for Engineering Interdisciplinary Academics	Dhaanish Ahamed Institute of Technology & University of Edenberg, Africa	5 Days
		Malaviya Mission Teacher Training Programme on NEP Orientation and Sensitization	Malaviya Mission Teacher Training Centre, Sri Ram College of Commerce, Ministry of Education	9 Days
		ATAL FDP on Introduction to mruby for Electric Vehicle Control System: A Lightweight Approach to Battery Management	Christ College of Engineering and Technology, Puducherry	6 Days
		ATAL FDP on Next-Generation Healthcare: Integrating IoT and AI for Predictive Diagnostics and Monitoring	Sri Venkateswara College of Engineering	6 Days
		Bio-Inspired Computing and Intelligent Optimization: Bridging Nature and AI	Sri Sai Ram Institute of Technology	6 Days
		ATAL FDP on The Future of Movement: Smart Cities	Mailam Engineering College	6 Days
		Recent Trends in Biomedical Engineering	Dr. M.G.R Research and Educational Institute	5 Days
		ATAL FDP on Innovative Healthcare: Leveraging AI and ML for Advanced Biomedical Signal Analysis	Aarupadai Veedu Institute of Technology, VMRF	5 Days
		ATAL FDP on Next Generation Medical Automation: Role of AI and IoMT in Healthcare Systems	Kongunadu College of Engineering and Technology	6 Days
4	Mrs.S.Suguna	NEP 2020 Orientation & Sensitization Programme	Pondicherry University	9 Days
		ATAL FDP on Secure and Explainable Generative AI for Medical IoT Data Analytics	SRM Institute of Science and Technology	6 Days
		ATAL FDP on Next-Gen Electronics and Communication Systems Empowered by ML and AI	Saveetha Engineering College	6 Days
		ATAL FDP on Next-Gen Medical Devices: AI and 3D Printing	Rajalakshmi Engineering College	6 Days
		ATAL FDP on Semiconductor Innovation & Technology for Next-Gen Electronics	Sri Sairam Institute of Technology	6 Days
5	Mrs.T.Logasundari	Empowering Energy & Environment through Innovation and Sustainable Practices – 2025	Hindusthan College of Engineering & Technology, Coimbatore	5 Days
		Bio-Inspired Computing and Intelligent Optimization	Sri Sairam Institute of Technology	6 Days
		Biomedical Nanotechnology	NPTEL	12 Weeks

		Testing and Troubleshooting of Biomedical Equipment	Leeway Biomedical, Bengaluru.	2 Days
		Testing and Calibration of Biomedical Equipment.	KAV Biomedical Equipment Training & Education, Madurai.	2 Days
		Empowering Energy & Environment through Innovation and Sustainable Practices – 2025	Hindusthan College of Engineering & Technology, Coimbatore	5 Days
6	Mr.M.Vadivelan	VLSI Design for IoT and Edge Computing	Paavai Engineering College	6 Days
		Recent Trends in Biomedical Engineering	Dr.MGR Educational Research Institute	5 Days
		Recent Trends and Future Directions in AI for Medical Imaging	St. Joseph Engineering College	6 Days
		Advances in Instrumentation: Bridging Engineering and Healthcare	Presidency University	5 Days
		AI Innovation 2025: Emerging Trends and Challenges in the Real world	SIMATS ENGINEERING	5 Days
		Indo-Taiwan Joint Workshop on Semiconductor Packaging and Testing	SASTRA University	2 Days
		Bio-Inspired Computing and Intelligent Optimisation	Sri Sairam Institute of Technology.	6 Days
7	Mr.A.Aravind	Bio-Inspired Computing and Intelligent Optimization: Bridging Nature and AI	Sri Sairam Institute of Technology	6 Days
		Revolutionizing Healthcare: Role of AI in Drug Development, Clinical Trials and Practice	Indian Institute of Information Technology Allahabad	6 Days
		The Future of Healthcare: AI-Infused Med-Tech Innovations	Vinayaka Missions Research Foundation (School of Arts and Science)	6 Days
		Advances in Biomedical and Healthcare using Artificial Intelligence	Jaya Sakthi Engineering College	6 Days
8	Mr.K.Babu	Emerging Trends and Challenges in Real World	SIMATS	5 Days
		Recent Trends in Biomedical Engineering	AICTE	5 Days
		Design Thinking and Innovation for Interdisciplinary Activities	AICTE	5 Days
		Bio-Inspired Computing and Intelligent Optimization	AICTE	5 Days

9.6 Best Practices followed by the Department.

S.No	Best Practice	Description
1	Micro and Mini Project Based Learning	Students develop micro and mini biomedical projects to enhance innovation, practical skills and application of engineering concepts.
2	Industrial Visit to Biomedical Industries	Students visit biomedical industries to understand manufacturing, testing, quality control, and real-time medical device applications.
3	Technical Competitions and Hackathons	Students participate in technical contests and hackathons to develop innovative healthcare technology solutions.
4	Innovation and Startup Awareness	Sessions encourage students to develop healthcare innovations and explore biomedical startup opportunities.
5	Alumni Interaction Programs	Alumni share professional experiences, guiding students about career opportunities in biomedical engineering and healthcare sectors.

9.7 List three distinguished alumni of the department from the recent passes-out batch.

S.No	Name of the Alumni	Contact Details
1	M. Medwin Devakumar	7094029057
2	S.Varshini	9789722296
3	S. Premkumar	8270752358

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Recommendations:

Criteria	Remarks
Curricular Aspects	
Teaching, Learning and Evaluation	PO, PEO, PSO, CO clearly defined and attainment systematically evaluated.
Structured Feedback	
Research, Innovation and Publications	Encourage faculty to undertake consultancy projects with hospitals and biomedical industries.
Collaborations and Linkages	Focus should be increased on securing more sponsored and industry-funded research projects
Student Progression	
Activity Conducted / Organized by the Department	
Achievements	
General Remarks	

Dr. K.Naveen Kumar
Associate Professor,
Department of Instrumentation and Control Engineering,
Sri Manakula Vinayagar Engineering College.

Dr.N.Pazhaniraja
Associate Professor,
Department of Computer Science and Engineering,
Sri Manakula Vinayagar Engineering College

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENTS

Academic Year 2025 - 2026 (odd semester)

Internal Audit

SECTION –1: BASIC INFORMATION

Audit Date	14.03.2026
Name of the Department	Artificial Intelligence and Data Science
Year of Establishment	15.06.2020
Head of the Department	Dr. J.MADHUSUDANAN
Programs Offered	

Name of the Program	Approved Intake
B.Tech(Artificial Intelligence and Data Science)	300
M.Tech(Artificial Intelligence and Data Science)	30

Programs Discontinued if any	NIL

Number of full time Teachers

Designation	Available	Sanctioned	Filled
Professor	2	4	2
Associate Professor	7	6	7
Assistant Professor	34	27	34

Number of Technical Staff: 2

Number of Students

For UG -------:

Year	M	F	Total
First Year	158	123	281
Second Year	124	64	188
Third Year	77	46	123
Fourth Year	72	50	122
Total	431	283	714

For PG ------:

Year	M	F	Total
First Year	5	13	18
Second Year	5	4	9
Total	10	17	27

Faculty Student Ratio	For UG -------: 1:20	For PG ------: 1:15

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	
2	Faculty Subject Preferences	Yes	
3	Elective choices from the Students	Yes	
4	Course allotment to the Faculty	Yes	
5	Time Table (UG and PG)	Yes	
6	Lesson plan for each course	Yes	

2.2 Curriculum/syllabus revision

S.No	Program Name	Regulation	Last Revised on
1	B.Tech(Artificial Intelligence and Data Science)	R2020	21.07.2023
2	B.Tech(Artificial	R2023	30.01.2026

	Intelligence and Data Science)		
3	M.Tech (Artificial Intelligence and Data Science)	R2023	30.01.2026

2.3 Summary of changes in Curriculum/syllabus

Highlights of the Previous Curriculum/Syllabus (R-2020)	Highlights of the Current Curriculum/Syllabus (R-2023)
Curriculum designed with 164 total credits covering foundational engineering, AI, and data science courses.	Curriculum revised to 172 credits, providing broader academic exposure and additional skill-based learning opportunities.
Limited focus on interdisciplinary and management-oriented subjects.	Humanities, communication, and management courses increased significantly (7 → 16 credits) to enhance professional competency and leadership skills.
Professional core courses are heavily concentrated on conventional AI, ML, Big Data, NLP, and automation topics.	Professional core updated with emerging technologies such as Cloud Computing, Intelligent Systems, Data Management Architectures, and advanced analytics, aligning with Industry 4.0 requirements.
Learning structure mainly consisted of theory courses and laboratory sessions.	Experiential learning is strengthened through Micro Projects, Mini Projects, Design Thinking Labs, and industry-oriented practical courses.
Certification courses and skill development opportunities were limited.	Ability Enhancement Courses (AEC) expanded with industry certifications from platforms such as AWS, CISCO, Autodesk and other professional training providers.
Limited integration of research-oriented learning components.	Research Methodology was introduced to promote research culture, innovation, and higher education preparedness among students.
No provision for advanced academic specialization beyond the regular degree.	Honours Degree Programme was introduced, enabling students to earn additional credits and specialisation in advanced AI and Data Science domains.
Project work was mainly concentrated in the final year.	Project-based learning is distributed across semesters through micro projects, mini projects, and capstone project phases to improve problem-solving skills.
The curriculum had fewer courses addressing emerging ethical and societal challenges of technology.	Courses on ethics, governance, and societal impact, such as Climate Change, Gender Equality, and Good Governance introduced.
Elective options mainly focused on traditional AI applications.	Electives expanded to include modern areas such as Prompt Engineering, Quantum AI, Augmented Analytics, AI in Healthcare, and Sustainable AI, ensuring curriculum relevance to current technological trends.

2.4 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	III/V	PE II :Java Programming: Essential Concepts to Advanced Mastery	U23ADE507	123
2	IV/VII	PE IV : AI Ethics	U20ADE717	122
3	I/I	Professional Elective – I Python for Data Science (PE-1 : PDS)	P23ADE101	18
4	II/III	Professional Elective-V: Internet of Things (IoT) Data Analytics	P23ADE322	9
5	II/III	Professional Elective-VI: Ethics in AI and Data	P23ADE328	9

		Science		

2.5 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1	III/V	ICE	OE II: Sensors for Engineering Applications	U23ICOC02	123
2	IV/VII	IT	PE II / OE IV: Automation Techniques and Tools - DevOps	U20ITCM08	122

2.6 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	II/III	Skill Enhancement Course-I* (Aptitude - I)	U23ADS301	188

2.7 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	I/I	Certification Course-I** (Web Application development (HTML, CSS, JS)	U23ADC176	281
2	II/III	Certification Course-III** (Java Programming)	U23ADC373	188
3	III/V	Certification Course-V** (Cloud Practitioner)	U23ADC516	123
4	I/I	Ability Enhancement Course-I: Python Programming	P23ADC175	18

2.8 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I/I	Induction Programme	U23ADM101	281
2	II/III	Climate Change	U23ADM303	188
3	III/V	Essence of Indian Traditional Knowledge	U23ADM505	123
4	I/I	Audit Course - I : Stress Management by Yoga	P23ACT107	18

2.9 List of Add-on/Value Added/MOOC Courses conducted by the department

S.No	Year / Sem	Name of the Course	Course Code	Number of Students Registered	Number of Students Successfully Completed
1	II/III	Introduction to Machine Learning	NPTEL	175	101
2	III/V	Java Programming	NPTEL	67	60
3	III/V	Introduction to Machine Learning	NPTEL	1	1
4	III/V	Programming with Generative	NPTEL	1	1

		AI			
5	III/V	Data structures and Algorithms in Java	NPTEL	13	13
6	III/V	Getting Started with Competitive Programming	NPTEL	1	1
7	III/V	Python for Data Science	NPTEL	7	7
8	III/V	Deep Learning	NPTEL	1	1
9	III/V	Introduction To Large Language Models(LLMs)	NPTEL	1	1
10	II/III	Introduction to Machine Learning	NPTEL	7	7
11	II/III	Gen-AI	EduSkill	188	188
12	III/V	Gen-AI	EduSkill	123	123
13	II/III	Introduction to Machine Learning	NPTEL	8	8

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery
UG: Semester: I

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Engineering Mathematics - I U23MATCO1	Mrs.B.Kavitha Mr.V.Vasanth Mrs.M.Guna Mrs.M.Sugasini	60	60	60
2.	Basics of Electrical and Electronics Engineering U23ESTCO3	Mr.Sundhar Mohan Mrs.R.Arthi Mrs.A.Punitha Mr.J.Dhanapathi	45	45	45
3.	Programming In C U23CSTCO1	Mrs.R.Abirami Mr.K.Muthu kumaran Dr. J.Madhusudanan Mr.Rajan Mrs. Samundeeswari	45	45	45
4.	Digital System Design U23ADT101	Mr.K. Babu Mrs.S.Vandhana Ms.K.Archana Mrs.A.Punitha Mrs.R.Kanimozhi	45	45	45
5.	Fundamental of DataScience U23ADTI02	Mrs.S.Aishwarya Mrs.S.Indira Mrs.M.Meenakshi Mr.V. Arularasu Ms.M.Subhashini	45	45	45
6.	Communicative English-I U23ENBCO1	Mr. F..John Bosco Ms.Subhavathi Mr.Antoine prasad	60	60	60
7.	Programming in C Laboratory U23CSPCO1	Mrs.R.Abirami Mr.K.Muthu kumaran	30	30	30

		Dr. J.Madhusudanan Mr.Rajan A. Keerthika			
8.	Engineering Graphics using AutoCAD U23ESPCO3	Mr.Elengovan Mr.N.Prakash	30	30	30
9.	Fundamental of Data Science Laboratory U23ADP101	Mrs.S.Aishwarya Mrs.S.Indira Mrs.M.M.Meenakshi Mr.V. Arularasu Ms.M.Subhashini	30	30	30

Semester: III

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Probability and Statistics U23MATC03	Mr.R.Vijayakumar	60	60	60
2.	Software Engineering and Agile Software Development U23ADT304	Mrs.M.Meenakshi Mrs. M. Sangeetha Mr. B. Sriram	45	45	45
3.	Artificial Intelligence and Expert System U23ADT305	Ms.Rubavathi Mr.K.Muthukumaran	45	45	45
4.	Basic Machine Learning Techniques U23ADT306	Mrs. V.Vinnarasi Mr.Kaliaperumal Mr.G.Dhanapathy	45	45	45
5.	Universal Human Values-II U23HSTC01	Mr.K.Pragash Ms. R.Shanmuga priya	30	30	30
6.	Design and Analysis of Algorithms U23CSBC01	Mrs.V.Selvi Mrs. J.Roselin Lourd Mrs. M. Saranya	60	60	60
7.	General Proficiency – I U23ENPC01	Mr.R.Vijayakumar Mrs.G.Namita	30	30	30
8.	Engineering Mathematics Laboratory U23MAPC01	Ms.Rubavathi Mr.R.Vijayakumar	30	30	30
9.	Artificial Intelligence and Expert System Laboratory U23ADP303	Mr.K.Pragash Mr.Kaliaperumal	30	30	30
10.	Basic Machine Learning Techniques Laboratory U23ADP304	Mrs. V.Vinnarasi Ms. V.Shivaeeshwary	30	30	30

Semester: V

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Research Methodology / U23HSTC02	Mr.R.Rajesh	30	30	30
2.	Cloud Computing and Data Management Architectures U20ADT508	Ms. V. Shivaeeshwary Mrs.M..M.Meenakshi	45	45	45
3.	Deep Learning U20ADT509	Mr.R.Rajan Ms.Karishma	45	45	45

4.	Data Visualization U20ADT510	Mrs.A.Ilakkia Mrs. S. Lakshmipriya	45	45	45
5.	Professional Elective - II (Java Programming: Essential Concepts to Advanced Mastery) U20ADE507	Mrs. I. Sasikala	45	45	45
6.	Open Elective – II (Sensors for Engineering Applications) U23ICOC02	Dr. M.Rekha Mrs.P.Kiruthuka	45	45	45
7.	Deep Learning Laboratory U20ADP508	Mr. R.RAJAN Ms.ASHTALAKSHMI	30	30	30
8.	Cloud Computing and Data Management Architectures Laboratory U23ADP507	Ms. V. Shivaeeshwary Ms.KARISHMA	30	30	30
9.	Data Visualization Laboratory U23ADP509	Mr. SOMORJTH LAISRAM Mr.VASANTHARAJ	30	30	30
10.	Micro project U23ADW501	Mrs.A.ILAKKIA Mrs. S. LAKSHMIPRIYA	30	30	30

Semester: VII

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Robotic and Automation /U20ADT715	Ms.Kavitha	45	45	45
2.	IoT Systems and Analytics/ U20ADT716	Dr. M. Auxilia Mrs. Revathy	45	45	54
3.	AI Ethics (Professional Elective – IV)/ U20ADE717	Ms. Sangeetha Mrs. D. KANIMOZHI	45	45	52
4.	Automation Techniques & Tools- DevOps (Open Elective – IV) / U20ITCM08	Ms. Priyadharshini	45	45	54
5.	Business Basics for Entrepreneur/U20HSP703	Mr. Mathiazhagan	30	30	30
6.	IoT Systems and Analytics Laboratory/ U20ADP714	Dr. M. Auxilia Mrs. Revathy	30	30	30
7.	Robotic and Automation Laboratory/ U20ADP715	Ms. Kavitha	30	30	30
8.	Comprehensive Viva -Voce/ U20ADP716	Mrs. K. Jeevitha	30	30	30

PG: Semester: I

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Probability and Statistics P23MAT105	Dr.T.Gayathri	60	60	60
2.	Machine Learning Algorithms P23ADT101	Ms.Kanimozhi	45	45	45

3.	Computing Systems for Data Science P23ADT102	Mrs. A. Keerthika	45	45	45
4.	Artificial Intelligence and Intelligent Systems P23ADT103	Ms.Sharmila Devi	45	45	45
5.	Research Methodology and IPR P23HSTC01	Mrs. S. Indira	30	30	30
6.	Professional Elective-I: Python for Data Science P23ADE101	Ms.Ruthyesekiya	45	45	45
7.	Machine Learning Algorithms Laboratory P23ADP101	Ms.Ruthyesekiya	45	45	45
8.	Technical Report Writing and Seminar P23HSPC01	Ms.Sasikala	45	45	45

Semester: III

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Professional Elective – IV Introduction to Large Language Models (LLMs) P23ADE315	Dr. J. Madhusudanan	45	45	45
2	Professional Elective – V: Internet of Things (IoT) Data Analytics P23ADE322	Mr. G. Dhanapathy	45	45	45
3	Professional Elective – VI: Ethics in AI and Data Science P23ADE328	Mr. K. Muthukumaran	45	45	45
4	Project Phase - I P23ADW301	Mrs. P. KanchanDevi	30	30	35
5	Internship P23ADW302	Mrs. Abirami R	20	20	20

3.2 Use of ICT Tools in Teaching Learning
UG: Semester: I

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mrs.B.Kavitha Mr.V.Vasanth Mrs.M.Guna Mrs.M.Sugasini	Engineering Mathematics - I U23MATCO1	PPT / lecture videos

2.	Mr.Sundhar Mohan Mrs.R.Arthi Mrs.A.Punitha Mr.J.Dhanapathi	Basics of Electrical and Electronics Engineering U23ESTCO3	PPT / lecture videos/animated videos
3.	Mrs.R.Abirami Mr.K.Muthu kumaran Dr. J.Madhusudanan Mr.Rajan Mrs. Samundeeswari	Programming In C U23CSTCO1	PPT /lecture videos/animated videos
4.	Mr.K. Babu Mrs.S.Vandhana Ms.K.Archana Mrs.A.Punitha Mrs.R.Kanimozhi	Digital System Design U23ADT101	PPT /lecture videos/animated videos
5.	Mrs.S.Aishwarya Mrs.S.Indira Mrs.M.Meenakshi Mr.V. Arularasu Ms.M.Subhashini	Fundamental of DataScience U23ADTI02	PPT /lecture videos/animated videos
6.	Mr. F..John Bosco Ms.Subhavathi Mr.Antoine prasad	Communicative English-I U23ENBCO1	PPT / lecture videos

Semester: III

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mr.R.Vijayakumar	Probability and Statistics U23MATC03	PPT /lecture videos
2.	Mrs.M.Meenakshi Mrs. M. Sangeetha Mr. B. Sriram	Software Engineering and Agile Software Development U23ADT304	PPT/lecture videos/animated videos
3.	Ms.Rubavathi Mr.K.Muthukumaran	Artificial Intelligence and Expert System U23ADT305	PPT /lecture videos/animated videos
4.	Mrs. V.Vinnarasi Mr.Kaliaperumal Mr.G.Dhanapathy	Basic Machine Learning Techniques U23ADT306	PPT /lecture videos/animated videos
5.	Mr.K.Pragash Ms. R.Shanmuga priya	Universal Human Values-II U23HSTC01	PPT /lecture videos/animated videos
6.	Mrs.V.Selvi Mrs. J.Roselin Lourd Mrs. M. Saranya	Design and Analysis of Algorithms U23CSBC01	PPT /lecture videos/animated videos

Semester: V

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mr.R.Rajesh	Research Methodology / U23HSTC02	PPT /lecture videos
2.	Ms. V. Shivaeeshwary Mrs.M..M.Meenakshi	Cloud Computing and Data Management Architectures U20ADT508	PPT /lecture videos/animated videos
3.	Mr.R.Rajan Ms.Karishma	Deep Learning U20ADT509	PPT /lecture videos/animated videos
4.	Mrs.A.Ilakkia Mrs. S. Lakshmipriya	Data Visualization U20ADT510	PPT /lecture videos/animated videos

5.	Mrs. I. Sasikala	Professional Elective - II (Java Programming: Essential Concepts to Advanced Mastery) U20ADE507	PPT /lecture videos/animated videos
6.	Dr.M.Rekha Mrs.P.Kiruthuka	Open Elective – II (Sensors for Engineering Applications) U23ICOC02	PPT /lecture videos/animated videos

Semester: VII

S.No	Name of the Faculty Ms.Kavitha	Name of the Course for which ICT used Robotic and Automation U20ADT715	ICT Tool / Technique Used PPT /lecture videos/animated videos
1	Dr. M. Auxilia Mrs. Revathy	IoT Systems and Analytics U20ADT716	PPT /lecture videos/animated videos
2	Ms.Sangeetha Mrs. D. KANIMOZHI	AI Ethics (Professional Elective – IV) U20ADE717	PPT /lecture videos/animated videos
3	Ms.Priyadharshini	Automation Techniques & Tools- DevOps (Open Elective – IV) U20ITCM08	PPT /lecture videos/animated videos

PG: Semester: I

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Dr.T.Gayathri	Probability and Statistics P23MAT105	PPT / lecture videos
2.	Ms.Kanimozhi	Machine Learning Algorithms P23ADT101	PPT / lecture videos/animated videos
3.	Mrs. A. Keerthika	Computing Systems for Data Science P23ADT102	PPT /lecture videos/animated videos
4.	Ms.Sharmila Devi	Artificial Intelligence and Intelligent Systems P23ADT103	PPT /lecture videos/animated videos
5.	Mrs. S. Indira	Research Methodology and IPR P23HSTC01	PPT /lecture videos/animated videos
6.	Ms.Ruthyesekiya	Professional Elective-I: Python for Data Science P23ADE101	PPT / lecture videos

Semester: III

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Dr. J. Madhusudanan	Professional Elective – IV Introduction to Large Language Models (LLMs) P23ADE315	PPT / lecture videos/ animated videos
2.	Mr. G. Dhanapathy	Professional Elective – V: Internet of Things (IoT) Data Analytics P23ADE322	PPT / lecture videos/ animated videos
3.	Mr. K. Muthukumaran	Professional Elective – VI: Ethics in AI and Data Science P23ADE328	PPT /lecture videos/ animated videos

3.3 List of Expert Lectures / Workshops Conducted

S.No	Topic of Expert Lecture	Expert Speaker / Resource Person	Date of Conduction	Target Audience	Count
1	AI Career Compass	Rohit SK Product Manager Zoho	4/9/25 & 10 am to 1:30 pm	IV	62
2	Entrepreneurship & Innovation as Career Opportunities	Mr Vishnu Varadan Chief executive officer Aic-pecf	13/11/25 1:00 pm to 4pm	II	60
3	Transfer Learning for Image Recognition	Keerthana R Big Data Engineer Societe Generale Global Solution Center	13/11/25 1:00 pm to 4pm	III	60
4	Chatbots for Customer Service	Abitha S AI&ML Engineer INVSYS	14/6/25 1pm to 4pm	IV	60
5	AI in Drug Discovery	Akshitha R Data Engineer Unisys	4/7/25 9am to 1pm	IV	62
6	Predictive Analytics in Healthcare	Anupriya R Program Analyst CTS	28/6/25 9am to 1pm	II	62
7	Dynamic Pricing Algorithm	Aravindan A Junior Data scientist Katonic AI	20/6/25 9am to 1pm	III	61
8	Autonomous Weapons	Janane AI Developer CTS	20/6/25 9am to 1pm	IV	60
9	Drones and AI	Pravina E	17/10/25	I	57

		Assistant System Engineer TCS	9am to 1pm		
10	The Future of AI work	Sharanjey G Programmer Analyst CTS	4/7/25 9am to 1pm	II	64
11	Neurosymbolic AI	A.mohammed feroz Ai engineer Techolution	28/6/25 9am to 1pm	III	60
12	AI in Quantum Computing	N.sanjay Java backend developer Deerak solutions	28/6/25 9am to 1pm	IV	62
13	Predictive Analytics using Machine Learning	S.niranjan Ai engineer Contentstack	22/10/25 9am to 1pm	I	57
14	Agentic AI: The Rise of Autonomous AI Systems	Sakthimalai P Software Engineer Multicoreware	12/7/25 9am to 1pm	II	60
15	Generative AI and Large Language Models	Yuvanthikhaa A Data Engineer Societe Generale	4/7/25 9am to 1pm	III	60
16	Multimodal AI: Integrating Text, Image, Audio, and Video	Deepak P Member Technical staff ZOHO	4/7/25 9am to 1pm	IV	60
17	Edge AI and Real-Time Intelligent Systems	Abilash K Testing Hexaware	25/10/25 9am to 1pm	I	55

18	Explainable AI (XAI) and Responsible AI	Andrew jason r Testing Hexaware	18/7/25 9am to 1pm	II	62
19	AI Agents as Digital Co-Workers	Anupriya R Testing Hexaware	12/7/25 9am to 1pm	III	60
20	AI Democratization: Low-Code and No-Code AI	Ashika SA Testing Hexaware	12/7/25 9am to 1pm	IV	62
21	TinyML: Running Machine Learning on Microcontrollers	Hiruthik R Business Analyst Hexaware	27/10/25 9am to 1pm	I	55
22	Synthetic Data Generation using AI	Lekashree E Testing Hexaware	26/7/25 9am to 1pm	II	64
23	AI Model Optimization and Efficient AI Systems	Arthi M Testing Hexaware	26/7/25 9am to 1pm	III	60
24	Prompt Engineering for Generative AI Applications	Nancy Dhivya G Associate System Engineer TCS	1/8/25 9am to 1pm	IV	60
25	AI Model Optimization and Efficient AI Systems	Priyadharshani A Testing Hexaware	31/10/25 9am to 1pm	I	56
26	AI in Cybersecurity and Threat Detection	Aiswarya S Testing Hexaware	1/8/25 9am to 1pm	II	60

27	AI for Blockchain and Web3 Applications	Sharan Arvind B Data engineer cts	9/8/25 9am to 1pm	III	60
28	AI in 6G Communication Networks	Sowmiya Lakshmi A Data Engineer,Cts	8/8/25 9am to 1pm	IV	62
29	Quantum Machine Learning	Suganya S Testing Hexaware	7/11/25 9am to 1pm	I	57
30	Small Language Models and Efficient AI Systems	Tarun V Data Analyst CTS	9/8/25 9am to 1pm	II	62
31	Future Trends in Artificial Intelligence	Sathish V Member Technical Staff ZOHO	14/8/25 9am to 1pm	III	60
32	Transfer Learning in Machine Learning	Vijayasurya M Member Technical Staff ZOHO	8/11/25 9am to 1pm	IV	60
33	MLOps for Machine Learning Lifecycle	Visakan V Data Analyst CTS	8/11/25 2pm to 4pm	I	57
34	Introduction to Generative AI	Yogithadevi V Data Analyst CTS	23/8/25 9am to 1pm	II	64
35	Transformer Architectures and Scaling Laws in Large Language Models	Feron arockiam s Associate software engineer Kore.ai	23/8/25 9am to 1pm	III	60
36	Retrieval-Augmented Generation (RAG) for Knowledge-Intensive AI Systems	Rahul Associate Software Engineer KORE.AI	13/8/25 9am to 1pm	IV	62

37	Parameter-Efficient Fine-Tuning Techniques for Large Language Models	Chandrakumar K Associate Software Engineer KORE.AI	24/1/26 9am to 1pm	I	55
38	Alignment Techniques in Large Language Models (RLHF and DPO)	Hema Arularasi. M Data Analyst CTS	30/8/25 9am to 1pm	II	60
39	Mitigating Hallucinations in Large Language Models	Keerthanaa G Data Analyst CTS	30/8/25 9am to 1pm	III	60
40	Efficient Inference and Model Optimization for LLM Deployment	Naresh S Data Analyst CTS	22/8/25 9am to 1pm	IV	60
41	Building Domain-Specific Large Language Models	Vaithiyanathan K Data Analyst CTS	31/1/26 9am to 1pm	I	55
42	Multimodal Foundation Models: Integrating Vision, Language, and Audio	Vijay S Data Analyst CTS	13/9/25 9am to 1pm	II	62
43	LLM-Powered Autonomous Agents for Task Automation	Selvi.M SAP Data Analyst KAAR	13/9/25 9am to 1pm	III	60
44	Evaluation and Benchmarking of Large Language Models	Deepak K Data Analyst CTS	29/8/25 9am to 1pm	IV	62
46	Chain-of-Thought and Tree-of-Thought Prompting Techniques	Harini A Data Engineer CTS	27/9/25 9am to 1pm	II	64
47	Program-Aided Language Models (PAL) for Complex Problem Solving	Harish Bhalaa s Data engineer CTS	19/9/25 9am to 1pm	III	60
48	Prompt Injection Attacks and Secure Prompt Design	Indumathi B Data Engineer CTS	4/9/25 9am to 1pm	IV	60
50	Prompt Optimization using Reinforcement Learning	Leka Shree E Data Engineer CTS	3/10/25 9am to 1pm	II	60
51	Prompt-Based Learning and In-Context Learning in LLM	Lingeshwaran G Data Engineer CTS	19/12/25 9am to 1pm	III	60

52	Designing Scalable Prompt Pipelines for Enterprise AI	Manoj Kiran D Data Engineer CTS	12/9/25 9am to 1pm	IV	62
54	Self-Supervised Learning for Representation Learning	Sowmiya R Data Engineer CTS	19/12/25 9am to 1pm	II	62
55	Contrastive Learning Techniques in Deep Neural Networks	Tarun V Data Engineer CTS	27/12/25 9am to 1pm	III	60
56	Graph Neural Networks for Complex Relational Data	Thalirnila S Data Engineer CTS	19/9/25 9am to 1pm	IV	60
58	Federated Learning for Privacy-Preserving Machine Learning	Visakan V Data Engineer CTS	27/12/25 9am to 1pm	II	64
60	Meta-Learning: Learning to Learn with AI	Velan S Associate AI&ML Engineer Virtusa	26/9/25 9am to 1pm	IV	62
64	MLOps for Scalable AI Model Lifecycle Management	Sathyanarayanan S Software Engineer TCS	3/10/25 9am to 1pm	IV	60
67	Knowledge Graphs in Intelligent AI Systems	Nimoshinin M Assistant System Engineer TCS	26/12/25 9am to 1pm	IV	62

3.4 Activities for Slow and Advanced Learners
Semester: I

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Engineering Mathematics – I	Mrs.B.Kavitha Mr.V.Vasanth Mrs.M.Guna Mrs.M.Sugasini	Yes	02	Yes
2	Basics Electrical and Electronics Engineering	Mr.Sunder Mohan Mrs.R.Arthi Mrs.A.Punitha Mr.J.Dhanapathi	Yes	02	Yes

3	Programming In C	Mrs.R.Abirami Mr.K.Muthu kumaran Dr. J.Madhusudanan Mr.Rajan Mrs. Samundeeswari	Yes	02	Yes
4	Digital System Design	Mr.K. Babu Mrs.S.Vandhana Ms.K.Archana Mrs.A.Punitha Mrs.R.Kanimozhi	Yes	02	Yes
5	Fundamentals of Data Science	Mrs.S.Aishwarya Mrs.S.Indira Mrs.M.Meenakshi Mr.V. Arularasu Ms.M.Subhashini	Yes	02	Yes
6	Communicative English - I	Mr. F..John Bosco Ms.Subhavathi Mr.Antoine prasad	Yes	02	Yes

Semester: III

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1.	Probability and Statistics	Mr.R.Vijayakumar	Yes	03	Yes
2.	Software Engineering and Agile Software Development	Mrs.M.Meenakshi Mrs. M. Sangeetha Mr. B. Sriram	Yes	03	Yes
3.	Artificial Intelligence & Expert System	Ms.Rubavathi Mr.K.Muthukumaran	Yes	03	Yes
4.	Basic Machine Learning Techniques	Mrs. V.Vinnarasi Mr.Kaliaperumal Mr.G.Dhanapathy	Yes	03	Yes
5.	Universal Human Values-II	Mr.K.Pragash Ms. R.Shanmuga priya	Yes	03	Yes
6.	Design and Analysis of Algorithms	Mrs.V.Selvi Mrs. J.Roselin Lourd Mrs. M. Saranya	Yes	03	Yes

Semester : V

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
	Research Methodology	Mr.R.Rajesh	Yes	03	Yes

	Cloud Computing and Data Management Architectures	Ms. V. Shivaeeshwary Mrs.M..M.Meenakshi	Yes	03	Yes
	Deep Learning	Mr.R.Rajan Ms.Karishma	Yes	03	Yes
	Data Visualization	Mrs.A.Ilakkia Mrs. S. Lakshmipriya	Yes	03	Yes
	Professional Elective – II (Java Programming: Essential Concepts to Advanced Mastery)	Mrs. I. Sasikala	Yes	03	Yes
	Open Elective – I (Sensors for Engineering Applications)	Dr.M.Rekha Mrs.P.Kiruthuka	Yes	03	Yes

Semester : VII

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1.	Robotic and Automation	Ms.Kavitha Mrs.Priyadharshini	Yes	03	Yes
2.	IOT Systems and Analytics	Mrs.S.Aishwarya Mrs. Revathy	Yes	03	Yes
3.	AI Ethics	Ms.Sangeetha Mrs.Ashtalakshmi	Yes	03	Yes
4.	Automation Techniques and Tools - DevOps	Mrs.P.Lakshmi Prabha Mrs.M.Vanaja	Yes	03	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor allocation	Yes	
2	Class-wise student profile record maintained.	Yes	
3	Mentor–mentee session record maintained.	Yes	

No. of Students in Department	Number of Mentors in the Department	Mentor : Mentee Ratio
714	43	1:20

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous assessment examination conducted as per the academic calender	Yes	
2	Is proper evaluation methods used for courses such as Employability Enhancement Courses, Mandatory Courses etc.,	Yes	
3	Details of internal marks awarded	Yes	

4	Any grievances raised in internal evaluation?	No	

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	
2	Correlation of COs with POs and PSOs for each course available	Yes	
3	Course Exit survey conducted	Yes	
4	Course Outcome Attainment Calculated	Yes	
5	Corrective Action Suggestion available for the courses where CO target is not attained	Yes	
6	Program exit survey conducted	Yes	
7	PSO and PO attainment through CO	Yes	
8	Corrective Action Suggestion available where PO target is not attained	Yes	

3.8 Student Performance in End Semester Examination

Semester I

Sr. No	Particular	UG	PG
1	Number of Students appeared	280	NA
2	Number of All Clear Students	187	NA
3	Number of Students passed with Distinction	65	NA
4	Number of Students passed with First Class	121	NA
5	Number of Students passed with Second Class	1	NA
6	Number of Students Failed	91	NA
7	Passing Percentage	66.8	NA

Semester III

Sr. No	Particular	UG	PG
1	Number of Students appeared	188	9
2	Number of All Clear Students	161	9
3	Number of Students passed with Distinction	80	9
4	Number of Students passed with First Class	81	-
5	Number of Students passed with Second Class	0	-
6	Number of Students Failed	27	-
7	Passing Percentage	86	100

Semester V

Sr. No	Particular	UG	PG
1	Number of Students appeared	122	NA
2	Number of All Clear Students	111	NA
3	Number of Students passed with Distinction	55	NA
4	Number of Students passed with First Class	54	NA
5	Number of Students passed with Second Class	3	NA

6	Number of Students Failed	9	NA
7	Passing Percentage	90.98	NA

Semester VII

Sr. No	Particular	UG	PG
1	Number of Students appeared	122	NA
2	Number of All Clear Students	117	NA
3	Number of Students passed with Distinction	54	NA
4	Number of Students passed with First Class	-	NA
5	Number of Students passed with Second Class	-	NA
6	Number of Students Failed	63	NA
7	Passing Percentage	NIL	NA

3.9 Student Performance of Outgoing Students

Sr. No	Particular	UG	PG
1	Number of outgoing students	**112**	**7**
2	Number of students successfully completed the program	**111**	**-**
3	Number of students completed the program with no backlogs	**87**	**-**
4	Number of students completed the program with backlogs	**24**	**-**

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Academic expert feedback on curriculum with analysis and action taken report	Yes	7	
2	Employer feedback on curriculum with analysis and action taken report	Yes	10	
3	Teacher feedback on curriculum with analysis and action taken report	Yes	43	
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes	112	
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	30	
6	Alumni feedback on curriculum with analysis and action taken report	Yes	35	
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	713	
8	Graduate (program) Exit Survey with analysis and action taken report	Yes	52	

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
NIL					

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
NIL					

5.3 Faculty Publications (faculty-wise list)

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors
1	2025-2026		-			
2	2024-2025				-	
3	2023-2024	2	-	-	-	
4	2022-2023	-	-	-	-	-
5	2021-2022	-	-	-	-	-

Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	-
Number of Publications in International Journals	2
Number of Publications in National Conferences	25
Number of Publications in International Conferences	3
Number of Books / Book Chapters	1
Number of Patents (Filed)	-
Number of Patents Granted	4
Number of Design Patents (Filed)	-
Number of Design Patents Granted	-

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
NIL				

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	A Comprehensive Survey on Image Processing and Deep Learning Techniques in Medical Imaging	MaragadhavalliMeenakshi M, Subashini C S, Amirtha V, Aparnaa R, Lishanthiga	International Journal of Research Publication and Reviews	6(12), PP:8529-8535 2582-7421	Google Scholar
2	AI Powered Financial Wellness and Sustainable Lifestyle	Mr. G.Dhanapathy, Arun Kumaran A , Aravinth S , Krishnakumari,Dravid V	International Journal of Research Publication andReviews	6(12) PP: 8374-8378 2582-7421	Google Scholar

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Eduguard AI: A Multimodal Real-Time System for Intelligent Classroom Behavior Monitoring	Mr.K.Vaishal Malu Mr.S.Siddarth Dr.J. Madhusudhanan Mr. R. Rajan	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET`25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET`25	978-93-91977-94-8	Trueline Academic and Research Centre
2	Dreamops: An AI Agent For Efficient On-Call Debugging in Complex Production Systems	Harini.P Mohanapriya.K Mr. Pragash	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET`25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET`25	978-93-91977-94-8	Trueline Academic and Research Centre
3	Smart Skin Health Analyzer – Ai-Driven Skin Disease Prediction System	Pragash K Sanjivkumar J Nitish M	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET`25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET`25	978-93-91977-94-8	Trueline Academic and Research Centre
4	EASYQUES: An Intelligent Framework for Automated Examination Question Digitization Using Deep Learning and Semantic Analysis	Rajan R Meenaloshani M Anushree N	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET	978-93-91977-94-8	Trueline Academic and Research Centre

			`25	`25		
5	AI Automatic Face Attendance System for Special Students	M. Maragadhavalli Meenakshi Nithyasri.B Sri Aishwarya. K	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre
6	Real-Time Neurological Monitoring System Using Computer Vision and Machine Learning	M. Maragadhavalli Meenakshi Lokitha K Nityasri R S	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre
7	Mediscan: An AI-Powered System for Prescription Recognition and Automated Medicine Recommendation with Cart Updation	M. Maragadhavalli Meenakshi Vishnu Prasath P G Logeshwar R	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre
8	Retinadx: AI-Powered System for Automated Diabetic Retinopathy Detection and Classification	Muthukumaran K Arun Srinivas A Ganesh Deepak N	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre
9	Phishing URL Detection System Using Machine Learning and Thread Intelligence API's	Hafzafarzana H Indhuja S Muthukumara	The National Conference on AI-Driven Innovation	The National Conference on AI-Driven Innovation	978-93-91977-94-8	Trueline Academic and Research Centre

		n K	in Engineering and Technology NCAIDIET `25	in Engineering and Technology NCAIDIET `25		
10	RetinaDx: AI-Powered System for Automated Diabetic Retinopathy Detection and Classification	Vishwa P Vidhesh D Ilakkia. A	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre
11	An AI-Powered Emotion-Aware Movie Recommendation System Across OTT Platforms	Vishwa P, Vidhesh D, Ilakkia.A	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre
12	Efficient Healthcare Diagnostics Using Fine-Tuned Machine Learning Models	Janani N Logapriya B Mrs.Kanchana Devi Tharaniya S	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre
13	Visionspeak - AI Powered Intelligent Reader Assistant and Safety Assistant For Impaired People	Akshya A Chandra Arul Nishanthini Aishwarya S	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre

14	AI-Powered Stock Investment Advisory System: A Data-Driven Approach for Portfolio Optimization	Rohan Kumar K Aishwarya S Yaduraj A	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre
15	AI Powered Emotional Wellness Companion: A Virtual Therapist with Multimodal Interaction	Sharli S Keerthana R Rishika T Aishwarya S	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre
16	Integrating Quantum Machine Learning and Deep Learning for Enhanced Lung Cancer Detection	Aishwarya S Bhumika K Hema Priya R Abirami A	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre
17	AI-Powered Book Recommendation and Peer-to-Peer Trading Platform	Harini.R Aisva Malar . A Aishwarya . S	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre
18	Legal Guru Ai for Solving Legal Queries	Lakshmipriya S Lalithambiga S Harija R	The National Conference on AI-Driven Innovation in	The National Conference on AI-Driven Innovation in	978-93-91977-94-8	Trueline Academic and Research Centre

			Engineering and Technology NCAIDIET `25	Engineering and Technology NCAIDIET `25		
19	Valora: Intelligent Dynamic Pricing Advisor Using Reinforcement Learning	Lakshmi Priya S Naveen Kumar S Thanush K	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre
20	A Lightweight AI Framework for Real-Time Indian Sign Language Recognition using Cvzone and Teachable Machine	Selvi V Divyanand M Prabhanjan J	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre
21	INTERVIEW COACH: AI-Powered Communication Enhancement Tool	Mrs. Roselin lourd R Dhaksha Charan Rayyan	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre
22	Chemguard – Ai Based Industrial Hazard Detection and Community Alert Framework	Indira S Nithya Shri V Priyanka H	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `2	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre
23	An Intelligent Image	Jeevitha. K	The	The	978-	

	Steganography System for Secure Data Communication Using Advanced Encryption Techniques	Vishal S Hemsakthyraam A	National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	93-91977-94-8	Trueline Academic and Research Centre
24	A Survey on Intelligent E-Commerce Platforms: From Lexical Search to Semantic Retrieval	Jeevitha. K Shalini. M Priyadharshini. R Nithiya Gokula Vasaki. K Vinodhini. R	National Conference on NextGen Computing and Future Technologies (NCNCFT 2025)	National Conference on NextGen Computing and Future Technologies (NCNCFT 2025)	978-93498 18-91-0	Kiwi International Publishing House
25	LeetLens: An Automated Analytics Platform for Institutional Coding Performance Visualization and Tracking.	Mrs. M. Saranya Ragul T Abbishek Behera	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET `25	978-93-91977-94-8	Trueline Academic and Research Centre

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Hybrid AI Model for Floorplan Design: Integrating Soil Suitability, Foundation Selection, and Builder Ranking	R. Rajan, G. Rajkumar, D. Rohith Easwar, M. Tamil Selvan, S. Sidharth,	International Conference on Emerging Technologies for Multidisciplinary Innovation and Sustainability	International Conference on Emerging Technologies for Multidisciplinary Innovation and Sustainability	-	Springer series (Under Progress)
2	Survey Of	Lakshmi Priya,	2 International	International Conference	ISBN: 978-81-993196-8-4	Gojan School of

	Explainable Machine Learning for Suicidal Ideation Detection: From Patient Text to Clinician Trust	Leckhasri C, Prathiyuksha J, Danalakshmi devi G, Sagana K,	Conference On Global Trends In Engineering And Technological Advancement (2 ICGTETA'25)	On Global Trends In Engineering And Technological Advancement (2 ICGTETA'25)		Business and Technology
3	Explainable AI Based Meta-Learning to Enhance Patient-Specific ECG Anomaly Detection Using Model-Agnostic Meta-Learning (MAML)	Jeevitha. K Pragash. K J. Jayabharathy	1st International Conference on Artificial Intelligence and Smart Technologies for Sustainability (AISTS) 2025	1st International Conference on Artificial Intelligence and Smart Technologies for Sustainability (AISTS) 2025	DOI: 10.1109/AISTS66100.2025.11233191	IEEE

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Source Title: Evaluation and Assessment of AI-Driven Systems in Hospitals Chapter 6: Assessment of AI's Impact on Precision Medicine and Personalized Healthcare in Clinical EnvironmentsSource	S. Geetha P. Srinidhii J. Madhusudanan Prasanna Venkatesan V.	DOI: 10.4018/979-8-3373-2787-7.ch006	IGI Global Scientific Publishing

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	K.Vaishal Malu, Dr.J. Madhusudanan, Dr.M.Auxilia, A. Ilakkia / Sri Manakula Vinayagar Engineering College	K.Vaishal Malu, Dr.J.Madhusudanan, Dr.M.Auxilia, A. Ilakkia	Neuro Vibes: Revolutionizing Sensory Perception and Medical Diagnostics	202541055359 A & 09-06-2025	India	Published (27/06/2025)
2		Harish Bhalaa S,	Fracture	20254108749	India	Published

	Harish Bhalaa S, Abilash K, Hirutik R, R.Rajan / Sri Manakula Vinayagar Engineering College	Abilash K, Hirutik R, R.Rajan	Detection and Reporting in Domestic Animals Using AI	0 A & 15-09-2025		(03/10/2025)
3	S.Velan, A.T.Vaitheeshvar Alias SatyaPrakash, P.Sakthimalai, R.Rajan / Sri Manakula Vinayagar Engineering College	S.Velan, A.T.Vaitheeshvar Alias SatyaPrakash, P.Sakthimalai, R.Rajan	Veterinary AI Assistant (VETAI): An AI-Powered Cattle Health Monitoring and Disease Detection System	202541087489 A & 15-09-2025	India	Published (03/10/2025)
4	G. Rajkumar, R.Rajan / Sri Manakula Vinayagar Engineering College	G. Rajkumar, R.Rajan	Assembly Analyzer	202541087491 A & 15-09-2025	India	Published (03/10/2025)

Design Patent

S.No	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No
NIL					

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1.	Jegatha P	Unisys	9 months	14.07.2025	14.04.2026
2.	Kathiroli B	MRF Limited	11months	02.06.2025	03.05.2026
3.	Manda Ramya Sri	Unisys	9 months	04.08.2025	07.05.2026
4.	Srikant	Zoho	4 months	21.07.2025	12.12.2025
5.	Vaishal Malu K	CloudCouch Tech Private Ltd	6 months	01.10.2025	31.03.2026
6.	Arjun D	CloudCouch Tech Private Ltd	6 months	01.10.2025	31.03.2026
7.	Rajkumar G	CloudCouch Tech Private Ltd	6 months	01.10.2025	31.03.2026

8.	Vishwa P	CloudCouch Tech Private Ltd	6 months	01.10.2025	31.03.2026
9.	Vidhesh D	CloudCouch Tech Private Ltd	6 months	01.10.2025	31.03.2026
10.	Abbhishek Behera	CloudCouch Tech Private Ltd	6 months	01.10.2025	31.03.2026
11.	Divyanand M	CloudCouch Tech Private Ltd	6 months	01.10.2025	31.03.2026
12.	Hema Chandran K	CloudCouch Tech Private Ltd	6 months	01.10.2025	31.03.2026
13.	Harish R	CloudCouch Tech Private Ltd	6 months	01.10.2025	31.03.2026
14.	Lokitha K	CloudCouch Tech Private Ltd	6 months	01.10.2025	31.03.2026
15.	Janani N	CloudCouch Tech Private Ltd	6 months	01.10.2025	31.03.2026
16.	Kaaviya P.S	CloudCouch Tech Private Ltd	6 months	01.10.2025	31.03.2026

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
NIL				

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
NIL				

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	RAGWORKS Ltd	04.12.2025	Advanced AI Skill Development for Students and Faculty	1 Years
2.	Cognizant Technology Solutions India Private Limited,	08.12.2023	Training and Placement	2 Years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	83
Number of Students opted Higher Studies	05
Number of Entrepreneur	NIL

7.1 Placements

S.No	Name of the Students	Name of the Company	Salary Package (Per Annum)
1.	PRAVITHRA R	Brakes INDIA	5.13 LPA
2.	VIGNESHWARAN L	CONTENT STACK	11.77 LPA
3.	GAYATHRI JD(M.TECH)	CTS Genc	4 LPA
4.	DEVADHARSHINI M(M.TECH)	CTS Genc	4 LPA
5.	YUVAN PRASHANTH G	CTS GenC	4 LPA
6.	YALAMANCHILI VENKATA SAI SASANK	CTS GenC	4 LPA
7.	VINODHINI	CTS GenC	4 LPA
8.	VEDA M V	CTS GenC	4 LPA
9.	TANIYA FRANCI E	CTS GenC	4 LPA
10.	SWETHA RAJMOHAN	CTS GenC	4 LPA
11.	SRIVANI S	CTS GenC	4 LPA
12.	SREYA BIJU K P	CTS GenC	4 LPA
13.	SHYAAM KUMAR S	CTS GenC	4 LPA
14.	SARAVANAN S	CTS GenC	4 LPA
15.	RAKSHITHA S	CTS GenC	4 LPA
16.	PRATHIYUKSHA JAGANATHAN	CTS GenC	4 LPA
17.	NITHIYA GOKULA VASAKI	CTS GenC	4 LPA
18.	LOKESH PUSHPARAJ	CTS GenC	4 LPA
19.	LISHANTHIGA K	CTS GenC	4 LPA
20.	KEERTHIVAASAN	CTS GenC	4 LPA
21.	KAVESH V	CTS GenC	4 LPA
22.	KANNAN S	CTS GenC	4 LPA
23.	KALAISELVAM M	CTS GenC	4 LPA
24.	IYYAPPAN A	CTS GenC	4 LPA
25.	ILAKIYA S	CTS GenC	4 LPA

26.	HEMA PRIYA R	CTS GenC	4 LPA
27.	HARESH G	CTS GenC	4 LPA
28.	GOKULAVASAN S	CTS GenC	4 LPA
29.	GOKULAN V	CTS GenC	4 LPA
30.	EATHANBALA	CTS GenC	4 LPA
31.	ASWINI P	CTS GenC	4 LPA
32.	ARUN KUMARAN	CTS GenC	4 LPA
33.	ANANDHI M	CTS GenC	4 LPA
34.	AMIRTHA V	CTS GenC	4 LPA
35.	ABIRAMI A	CTS GenC	4 LPA
36.	ABINAYA R V E	CTS GenC	4 LPA
37.	AATHISANKARAN N	CTS GenC	4 LPA
38.	SHUAIB MUSTHAFA M	CTS GenC Next	6.75 LPA
39.	SHAM GANESH S	CTS GenC Next	6.75 LPA
40.	SASIREKHA K	CTS GenC Next	6.75 LPA
41.	RASWANT P	CTS GenC Next	6.75 LPA
42.	PRETHEGA S N	CTS GenC Next	6.75 LPA
43.	PIRITHISHAA SRI S	CTS GenC Next	6.75 LPA
44.	NITHIN V	CTS GenC Next	6.75 LPA
45.	MUNESHWARAN S	CTS GenC Next	6.75 LPA
46.	LECKHASRI C	CTS GenC Next	6.75 LPA
47.	JEEVETHA S	CTS GenC Next	6.75 LPA
48.	G SHYAM	CTS GenC Next	6.75 LPA
49.	DINESH KARTHIK R	CTS GenC Next	6.75 LPA
50.	DHANUSSREE B	CTS GenC Next	6.75 LPA
51.	D SURESH KRISHNA	CTS GenC Next	6.75 LPA
52.	CHANDIYA	CTS GenC Next	6.75 LPA
53.	BHUVANESHWARAN G	CTS GenC Next	6.75 LPA

54.	ARTHI R	CTS GenC Next	6.75 LPA
55.	AJAY A	CTS GenC Next	6.75 LPA
56.	SUBASHINI S	TCS Digital	7 LPA
57.	RAJKUMAR	DVS	3.36 LPA
58.	SENDHAANE I	EMBED UR SYSTEMS	8 LPA
59.	MUNESHWARAN S	Strategy	8 LPA
60.	YESHMITHA SRI V	Hexaware	4 LPA
61.	SURESH KRISHNA D	Hexaware	4 LPA
62.	SHYAAM G	Hexaware	4 LPA
63.	SHALINI M	Hexaware	4 LPA
64.	SASIREKHA K	Hexaware	4 LPA
65.	PRIYADHARSHINI R	Hexaware	4 LPA
66.	PRETHEGA S N	Hexaware	4 LPA
67.	MANDA RAMYA SRI	Hexaware	4 LPA
68.	LISHANTHIGA K	Hexaware	4 LPA
69.	GOKULANJALI M	Hexaware	4 LPA
70.	ARTHI R	Hexaware	4 LPA
71.	ABINAYA RVE	Hexaware	4 LPA
72.	SHARLI S	KAAR TECHNOLOGIES	6.5 LPA
73.	SANGEETHA RK	KAAR TECHNOLOGIES	6.5 LPA
74.	BHUMIKA K	KAAR TECHNOLOGIES	6.5 LPA
75.	APARNAA R	KAAR TECHNOLOGIES	6.5 LPA
76.	ANURAGA	MOVATE	3.6 lpa
77.	SUBASHINI C S	MOVATE	3.6 LPA
78.	KARTHIROLI B	MRF	3.36 LPA
79.	VIGNESH V	TCS Ninja	3.36 LPA
80.	TAMILSELVAN M	TCS Ninja	3.36 LPA
81.	SIVANESHAN K	TCS Ninja	3.36 LPA

82.	SARVESHWAR P	TCS Ninja	3.36 LPA
83.	PRATHIYUKSHA JAGANATHAN	TCS Ninja	3.36 LPA
84.	MUJAHID MOHAMED	TCS Ninja	3.36 LPA
85.	LAVANYA PARTHIBAN	TCS Ninja	3.36 LPA
86.	KRISHNA KUMAR	TCS Ninja	3.36 LPA
87.	JAGADEESH K	TCS Ninja	3.36 LPA
88.	HARESH GOPAL	TCS Ninja	3.36 LPA
89.	GOKULANJALI MANOGAR	TCS Ninja	3.36 LPA
90.	DHINESH KUMAR G	TCS Ninja	3.36 LPA
91.	ASWINI PRABHAKARAN	TCS Ninja	3.36 LPA
92.	ABIRAMI ANANDKUMAR	TCS Ninja	3.36 LPA
93.	ABINAYA RVE	TCS Ninja	3.36 LPA
94.	SHAM GANESH S	SOCIETE GENERALE	5.4 LPA
95.	RAKSHITHA S	SOCIETE GENERALE	5.4 LPA
96.	KEERTHANA R	SOCIETE GENERALE	5.4 LPA
97.	ABINAYASHRI S	SOCIETE GENERALE	5.4 LPA
98.	JEGATHA P	UNISYS	7 LPA
99.	MANDA RAMYA SRI	UNISYS	7 LPA
100.	SRIKANTH V	ZOHO	7 LPA
101.	SRIKANTH V	Thakshashila	4.5 LPA
102.	VINOTHINI	Sprackle	4.5 LPA
103.	NITHISHVARAN	TCS NINJA	3.36 LPA

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	Prethebha M	University of Auckland	Masters in Artificial Intelligence
2	Aatif Ahamed Jafer Ali	University of Limerick OLLSCOIL LUMNIGH	Masters of Science in Artificial Intelligence and Machine Learning
3	Keertheeshwari S	Sri Manakula Vinayagar Engineering College	M.Tech-Artificial Intelligence and Data Science
4	Harreshh M	ESILV Engineering School	Master in Engineering (Grande Ecole Programme)
5	Pranav R	MIT ADT University	M.Des-User Experience Design

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
NIL				

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1	Bootcamp:Rapid AI prototyping Sprint	Department	13/11/25 & 14/11/25 9.00 am to 4:00 pm	State	55
2	Foundational Programming for Innovation: Hands-on 'C' Workshop	Department	08.11.2025 10 am to 1 pm	State	62
3	AI Innovation Bootcamp: From Model Building to Deployment	Department	15.07.2025 9.00 am to 5.00pm	State	60
4	Data Preprocessing and Visualization using Python	Department	4.7.2025 10.00 am to 1pm	State	60
5	Innovative Chatbot Bootcamp: Build, Train, and Deploy AI Conversational Agents	Department	17.7.25 9.00 am to 4.50 pm	State	57
6	Entrepreneurial Hands-on Session on Automating Repetitive Tasks Using UiPath	Department	15.7.25 9.00 am to 4.50 pm	State	64
7	Data Preprocessing and Feature Engineering for ML	Department	12/8/25 9.00 am to 4.50 pm	State	60
8	Neural Networks Implementation with Keras	Department	16/7/25 9.00 am to 4.50 pm	State	62
9	Object Detection using Deep Learning	Department	24/11/25 9.00 am to 4.50 pm	State	55
10	Prompt Engineering for Large Language Models	Department	25/9/25 9.00 am to 4.50 pm	State	60
11	Developing LLM Apps with LangChain	Department	16/9/25 9.00 am to 4.50 pm	State	61
12	Fine-Tuning Large Language Models	Department	10/9/25 9.00 am to 4.50 pm	State	60
13	Object Detection using YOLO Models	Department	25/2/26 9.00 am to	State	56

			4.50 pm		
14	Cloud AI Development using Google Cloud	Department	9/2/26 9.00 am to 4.50 pm	State	62
15	AI for Healthcare and Disease Prediction	Department	18/2/26 9am to 2pm	State	60
16	Developing LLM Apps with LangChain	Department	11/3/26 9am to 1pm	State	62
17	Building AI Web Apps using Streamlit	Department	10/3/26 10am to 12pm	State	60
18	Bootcamp:Rapid AI prototyping Sprint	Department	13/11/25 & 14/11/25 9.00 am to 4:00 pm	State	62
19	Foundational Programming for Innovation: Hands-on C Workshop	Department	08.11.2025 10 am to 1 pm	State	60

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized by	Date of Event	Level (State / National / International)	No. of Participants
1	WORKSHOP On RAG Pipelines, Vector Databases & LLM Integration	Departments of AI & DS and CSEBS along with SMVEC ISTE Faculty chapter	December 4&5, 2025	State Level	40

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1	Karthik M Abdul Kalam J	Code Redemption 2025[Hackathon]	Jai ShriRam Engineering College [Coimbatore]	I prize and awarded cash prize INR 3000
2	Vaitheeshvar AT Velan S Abitha S Dheepika I Janane S	Virtusa Jatayu Hackathon – Season 4	Virtusa	I Prize and awarded a cash prize of USD 1000
3	Karthik M Guralarasan G	HackSpora-2k25 [Hackathon]	Karpagam Academy of Higher Education -[Coimbatore]	I prize and awarded cash prize 5000 / 30K

				Worth Computer Setup
4	Harish R Arjun D Daamini	Yuvahacks - 24 hrs hackathon	SRM Institute of Technology Tiruchirappalli	I Prize and awarded a cash prize of INR 10,000.
5	Karthik M Guralarasan G	Innovators Day -2025 [Hackathon]	Sri Manakula Vinayagar engineering College [Puducherry]	II prize and awarded cash prize INR 7500
6	Vaishal Malu K Lokitha K	CCTV SURVEILIENCE SECURITY & FORENSIC HACKATHON - Indigenous Event	Bureau of Police Research and Development (BPR&D), NEW DELHI	III prize and awarded a cash prize of INR 50,000.
7	Vishwa P Aisva malar A Subitsha S Rayyan Janani N	INTELLITHON 2025- National Level Hackathon Event	Hindustan Institute of Technology and Science	I Prize and awarded a cash prize of INR 50,000
8	R Keerthana	Youthtalk 2025	ICT Academy	II Prize
9	Harish R Hemachandran K Reyash V MohanaPriya	EcLearnix Hackathon 360* - 24 hrs hackathon	St Joseph college of engineering	I prize and awarded a cash prize of INR 3000
10	Arjun S Sarathy V Sushmidha	JARVAIS Hackathon - 24 hrs hackathon	Manakula Vinayagar Institute of Technology	I prize and awarded a cash prize of INR 1,500.
11	Karthik M Guralarasan G	INNOVATORS DAY 2025- National level 24 hrs hackathon	Sri Manakula Vinayagar Engineering College	II Prize and awarded a cash prize of INR 15,000.
12	Harini P Mohanapriya K	BEST PAPER AWARD- IEEE &UNESCO	SNS College Coimbatore	I Prize

13	Harini P	Incubate'25	JIPMER x IIT Bombay	II Prize and awarded a cash prize of INR 30,000
14	Arjun D Sarathy V	CLIQTRIX-Industry alighned hackathon	ZOHO	I prize and awarded a cash prize of INR 1,00,000.
15	Mohammed Aashiq Hemachandran K Harija Ravi Nithyasri B	AI Ignite - 36 hrs hackathon	Sri Manakula Vinayagar Engineering College	V prize and awarded a cash prize of INR 10,000
16	Athidhvasu Keerthiga Fathima	National Level Techinical Symposium – Paper Presentation	Sri Manakula Vinayagar Engineering College	II prize
17	Harini K Swetha R Kavinila S	SCIMIT 26	Manakula Vinayagar Institute of Technology.	II Prize, along with a cash award of ₹5,000

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	Dr. J. Madhusudanan	**Executive Committee Member** for international
2	Mr. R. Rajan	Track In-charge – IEEE Conference (International Level)
3	Mrs. P. Kanchanadevi	Track In-charge – IEEE Conference (International Level) Reviewer - IEEE Conference / Journal (International Level)
4	Mrs. M. Maragadhavalli Meenakshi	Reviewer - IEEE Conference (International Level)

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences /Journals
1.	Mrs. P. Kanchanadevi	• **International Conference on Emerging Technologies in Engineering Application** • **International Journal of Information Technology and Decision Making (IJITDM)**
2.	Mrs. M. Maragadhavalli Meenakshi	International Conference on Emerging Technologies in Engineering Applications

9.4 Awards / Prizes and Recognition received by teachers at University, State, National and International level

S.No	Name of the Faculty	Name of Awards / Recognition
1.	Mrs.M.M.Meenakshi	NPTEL discipline star award
2.	Mrs.K.Jeevitha	Best Paper Award
4.	Mrs.K.Jeevitha	Best Project award-TCS
5.	Mr.K.Pragash	Best paper award in National Conference SNS College of Technology - Best Engineering Colleges in Tamilnadu
6.	Mr.R.Rajan	Vitusa Jatayu- Best Performing Mentor

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops,

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	M Subashini	FDP on AI Enhanced educational technologies	Sengunthar Engineering college	1 day
2	S.Aishwarya	FDP on Modern Web Development & AI Integration	Sengunthar Engineering college	1day
		FDP on AI Enhanced Eductaional Technologies	Nextgen Employability Program	5 days
		FDP on Artificial Intelligence for Societal Applications	National Institute of Technology,Silchar,Assam	5 days
3	Selvi V	FDP on Problem Solving Through Programming in C	IIT Kharagpur	12 Weeks
		FDP program in DevOps for Cloud Native Development :Containers, Kubernetes and CI/CD Pipelines	AICTE Training and Learning (ATAL) Academy at Sri Venkateshwaraa College of Engineering and Technology	5 days
		FDP program in Artificial Intelligence for Disaster Resilience and Sustainable Development	AICTE Training and Learning (ATAL) Academy at JAWAHARLAL NEHRU UNIVERSITY	5 days
		Distributed Holographic Synchronization Algorithm for Cooperative Autonomous Underwater Exploration Robots	IndiaCom 2026 IEEE Conference and With scopus Indexing	2 days
4	A.Ilakkia	FDP on "Cloud Enabled Deep Learning with Enhanced Security Protocols"	RGM COLLEGE OF ENGINEERING AND TECHNOLOGY	5 days
		FDP on Microsoft PowerBI data analyst	ICT academy	5days
		FDP on Learning Analytics Tools	IIT Madras	12 weeks
		STP on NEP 2020 orientation and sensitisation Programme	Malaviya MissionTeacher Training Centre,	9 days
		31st FAI International Conference – 2026	Poornima University, Jaipur, Rajasthan	1day
5	P.Kanchanadevi	FDP on "Cloud Enabled Deep Learning with Enhanced	RGM COLLEGE OF ENGINEERING AND	5 days

		Security Protocols"	TECHNOLOGY	
		FDP on Microsoft PowerBI data analyst	ICT academy	5days
		FDP on Learning Analytics Tools	IIT Madras	12 weeks
		The National Conference on AI-Driven Innovation in Engineering and Technology NCAIDIET`25	Sri Sairam Engineering College	1 day
6	S.Abirami	FDP on Python for DataScience	IIT Madras	4 weeks
		FDP: Quantum AI: Educating the Next Generation of Professionals	Sri Venkateswara College of Engineering, Chennai	5 Days
7	Mr Rajan	UHV II	Kumaraguru College of Technology, Coimbatore	8 Days
8	Mr G. Dhanapathy	UHV II	Kumaraguru College of Technology, Coimbatore	7 Days

9.6 Best Practices followed by the Department

S.No	Best Practice	Description
1	Project-Based Learning (PBL)	Students undertake real-world AI/DS projects using datasets from healthcare, agriculture, finance, and smart cities to strengthen practical knowledge and innovation.
2	Industry-Oriented Curriculum	Curriculum updated with latest AI and Data Science technologies.
3	Hands-on Lab Practice	Practical training using tools like Python, ML libraries, and datasets.
4	Micro & Mini Projects	Students develop AI-based projects to solve real-world problems.
5	Industry Interaction	Guest lectures and workshops by industry experts.
6	Internship Support	Students encouraged to take internships in AI & Data Science companies.
7	Research Activities	Faculty and students publish research papers in AI/DS areas.
8	Coding & Hackathons	Regular coding competitions and hackathons are conducted.
9	Skill Development Programs	Training on tools like Python, Power BI, and AI frameworks.
10	Industry Collaboration	Collaboration with industries for knowledge sharing.

9.7 List three distinguished alumni of the department from the recent passes-out batch

S.No	Name of the Alumni	Contact Details
1	Aravindhan. A	6383749354
2	Selvi. M	8778125875
3	Visakan V	8838143362

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department

Recommendations:

Section	Remarks
Curricular Aspects	The curriculum is well-structured, effectively aligned with educational objectives, and supports holistic student development.
Teaching, Learning and Evaluation	Teaching methodologies and evaluation processes are systematically implemented, ensuring effective learning outcomes.
Structured Feedback	A structured feedback mechanism is in place and actively contributes to continuous academic and institutional improvement.
Research, Innovation and Publications	There is a need to strengthen research activities by increasing high-quality publications
Collaborations and Linkages	The department has developed effective collaborations and strategic linkages with industry and academic partners, enhancing practical exposure, research opportunities, and skill development.
Student Progression	Student progression is effectively monitored and supported through well-defined academic and career development initiatives.
Activity Conducted	Departmental activities are conducted regularly; however, there is scope to enhance their organization, impact, and outreach.
Achievements	Achievements are systematically recognized, documented, and reviewed as part of the department's continuous improvement process.
General Remarks	Strengthen consultancy initiatives and increase funded research projects, along with organizing regular FDPs to enhance faculty expertise and industry engagement.

Name and Signature
Dr. A.V Srinath
Associate Professor/BME
SMVEC

Name and Signature
Dr.D. Sivaraj
Associate Professor/EEE
SMVEC

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

COMPUTER SCIENCE AND BUSINESS SYSTEMS

ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC

Department of Computer Science and Engineering and Business Systems

Academic Year 2025-2026

Internal Audit

SECTION –1: BASIC INFORMATION

<table>
<tr><td>Audit Date</td><td>14.03.2026</td></tr>
<tr><td>Name of the Department</td><td>Computer Science and Engineering and Business Systems</td></tr>
<tr><td>Year of Establishment</td><td>2020</td></tr>
<tr><td>Programs Offered</td><td>
<table>
<tr><td>Name of the Program</td><td>Approved Intake</td></tr>
<tr><td>B.Tech. CSEBS</td><td>120</td></tr>
</table>
</td></tr>
<tr><td>Head of the Department</td><td>Dr. M.Auxilia</td></tr>
<tr><td>Number of full time Teachers</td><td>
<table>
<tr><td>Designation</td><td>Available</td><td>Sanctioned</td><td>Filled</td></tr>
<tr><td>Professor</td><td>01</td><td>01</td><td>01</td></tr>
<tr><td>Associate Professor</td><td>02</td><td>02</td><td>02</td></tr>
<tr><td>Assistant Professor</td><td>15</td><td>15</td><td>15</td></tr>
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</td></tr>
<tr><td>Number of Technical Staff</td><td>-</td></tr>
<tr><td>Number of Students</td><td>For B.Tech:
<table>
<tr><td>Year</td><td>M</td><td>F</td><td>Total</td></tr>
<tr><td>First Year</td><td>48</td><td>60</td><td>108</td></tr>
<tr><td>Second Year</td><td>26</td><td>33</td><td>59</td></tr>
<tr><td>Third Year</td><td>33</td><td>24</td><td>57</td></tr>
<tr><td>Fourth Year</td><td>34</td><td>22</td><td>56</td></tr>
<tr><td>Total</td><td>141</td><td>139</td><td>280</td></tr>
</table>
For M.Tech
<table>
<tr><td>Year</td><td>Strength</td></tr>
<tr><td>First Year</td><td>-</td></tr>
<tr><td>Second Year</td><td>-</td></tr>
<tr><td>Total</td><td>-</td></tr>
</table>
</td></tr>
<tr><td>Faculty Student Ratio</td><td>1:15</td><td>-</td></tr>
</table>

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S. No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	
2	Faculty Subject Preferences	Yes	
3	Elective Choices from the Students	Yes	
4	Course allotment to the Faculty	Yes	
5	Time Table	Yes (UG)	
6	Lesson plan for each Course	Yes	

2.2 Curriculum/syllabus revision

S.No	Program Name	Regulation	Last Revised on
1	B.Tech – CSEBS	R2023 to R2026	Jan 28,2026

Summary of changes in Curriculum/syllabus

Sl.No	Regulation	Semester	Subject Name with Code	Unit	Particulars
1	R-2026	I	Fundamentals of Computer Science	II-V	The expert members suggested to remove unit V (**Unix System Interface**); and distribute topics in Units II–IV. The changes have been incorporated and given in **Annexure II**
2	R-2026	I	AI Tools for Engineers	All exercises	The expert members suggested to be offer the course with respect to CSEBS needs. Changes have been done and enclosed in **Annexure II**
3	R-2026	II	Data Structures & Applications Laboratory	-	The expert members suggested to provide universal problem statements in the exercises. Changes have been done and enclosed in **Annexure II**

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course (ODD SEMESTER)	Course Code	Number of Students Registered
1	IV/VII	ASTMA - Advanced Social, Text and Media Analytics	U20CBE717	56
2	IV/VII	DM - Digital Marketing	U20CBE715	56
3	IV/VII	ASTMA Lab - Advanced Social, Text and Media Analytics Laboratory	U20CBEP72	56
4	III/V	E- Commerce and E- Payment Systems	U23CBE510	57
5	III/V	E- Commerce and E- Payment Systems Laboratory	U20CBEP55	57

2.4 List of Open Elective Courses Offered by Other departments

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1	III/V	ICE	Neural Network and Fuzzy logic	U23ICOC01	57

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	II/III	SEC-Skill Enhancement Course 1- R Programming*`	U23CBS301	59

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	I/I	Certification Course-I: Web Application Development (HTML, CSS, JS)	U23AEC175	108
2	II/III	Certification Course – III: Machine Learning Foundation	U23AEC319	59
3	III/V	AZURE FUNDAMENTALS	U23AEC578	57

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I/I	Induction Programme	U23CBM101	108
3	II/III	Introduction to Climate Change	U23CBM303	59
5	III/V	Essence of Indian Traditional Knowledge	U23CBM505	57
7	IV/VII	Professional Ethics	U20CBM707	56

2.8 List of Add-on/Value Added/MOOC Courses conducted by the department

S.No	NPTEL Course Name	Duration	Weeks	Number of Students Registered	Elite	Elite + Silver	Elite + Gold	Successfully Completed
1	Programming in Java	July – Oct 2025	12 Weeks	9	4	3	1	1
2	Introduction to Operating System	July – Sep 2025	8 Weeks	2	1	–	–	1
3	Cybersecurity and Privacy	July – Oct 2025	12 Weeks	1	–	–	–	1
4	Cloud Computing	July – Oct 2025	12 Weeks	4	2	–	–	2
5	The Joy of Computing Using Python	July – Oct 2025	12 Weeks	2	1	1	–	–
6	Innovation, Business Models and Entrepreneurship	Aug– Oct 2025	8 Weeks	1	1	–	–	–

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: I -A (2025-2029)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
Theory					
1	Discrete Mathematics / U23MAT101	Mr. R. Vijayakumar	45	45	50
2	Introductory Topics in Statistics and Probability /U23MAT102	Dr.T.Poovaragavan	45	45	49
3	Physical science for Engineers /U23BSTC01	Dr.K.Oudayakumar Ms.R.Sivarajani	45	45	45
4	Fundamentals of Computer Science/U23CBT101	Mrs.G.Maheswari	45	45	50
5	Universal Human Values-II/U23HSTC01	Mrs. K. Devika	45	45	45
Theory cum Practical					
6	Business Communication & Value Science – I / U23ENB101	Mr. A. Antoine Prasad	30	30	32
Practical					
7	Fundamentals of Computer Science Laboratory /U23CBP101	Mrs.G.Maheshwari	30	30	30
8	Design Thinking and IDEA Lab /U23ESPC02	Mr.K.Jambulingam	30	30	30
9	Engineering Graphics using AutoCAD / U23ESPC03	Dr.P.Jayakumar	30	30	30

Semester: I-B (2025-2029)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
Theory					
1	Discrete Mathematics / U23MAT101	Mr. R. Vijayakumar	45	45	50
2	Introductory Topics in Statistics and Probability /U23MAT102	Mr. M. Devanathan	45	45	49
3	Physical science for Engineers /U23BSTC01	Dr.K.Oudayakumar Ms.R.Sivarajani	45	45	45
4	Fundamentals of Computer Science/U23CBT101	Mrs.G.Maheshwari	45	45	50
5	Universal Human Values-II/U23HSTC01	Mrs.M.Viji	45	45	45

Theory cum Practical					
6	Business Communication & Value Science – I / U23ENB101	Ms.V.Vasumathi	30	30	32
Practical					
7	Fundamentals of Computer Science Laboratory /U23CBP101	Mrs.G.Maheshwari	30	30	30
8	Design Thinking and IDEA Lab /U23ESPC02	Dr.S.Sivaraj	30	30	30
9	Engineering Graphics using AutoCAD / U23ESPC03	Dr.D.Karunagaran	30	30	30

Semester: III (2024-2028 & 2022-2026(A))

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
Theory					
1	Computational Statistics / U23MAT305	Dr. T. Poovaragavan	30	30	39
2	Computer Organization and Architecture / U23CBT303	Mrs.G.Hemalatha	45	45	60
3	Object Oriented Programming in C++ / U23CBT304	Mr.M.Karthick	45	45	60
4	Principles of Operating Systems/U23CBT305	Mrs. M. Viji	45	45	57
5	DSC-Database System Concepts/U23CBT306	Dr.N.Sakthipriya	45	45	52
Theory Cum Practical					
6	FLA-Formal Languages and Automata Theory / U23CBB301	Mr.A.Deenadayalan Mrs.P.Ramya	60	60	63
Practical					
6	Computational Statistics Laboratory / U23MAP302	Dr. T. Poovaragavan	30	30	30
7	Object Oriented Programming Laboratory / U23CBP303	Mr.M.Karthick	30	30	30
8	POS LAB-Principles of Operating Systems Laboratory / U23CBP304	Mrs. M. Viji	30	30	30
9	Database Management Systems Laboratory / U23CBP305	Dr.N.Sakthipriya	30	30	30

Semester: V (2023-2027 & 2022-2026(A))

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
Theory					
1	Fundamentals of Management Science / U23HST503	Dr.L.Kavitha	45	45	45
2	Cloud, Microservices and Application /U23CBT509	Ms.P.Prathiyuksha	45	45	50
3	Machine Learning for Business Systems /U23CBT510	Mrs.J.Nithya	45	45	45
4	Research Methodology / U23HSTC02	Mr.P.Sangeetha	45	45	47
5	E- Commerce and E-Payment Systems /U23CBE510	Mr.P.Sudharsan	45	45	48
6	Neural Network and Fuzzy logic / U23ICOC01	Mr.J.Jeevanandham	45	45	48
Practical					
7	Business Communication & Value Science – IV / U23ENP501	Mr. A.Antoine Prasad	30	30	30
8	Cloud, Microservices and Application Laboratory / U23CBP508	Ms.P.Prathiyuksha	30	30	30
9	E- Commerce and E-Payment Systems Laboratory /U23CBEP55	Mr.P.Sudharsan	30	30	30
10	Micro Project / U23CBW501	Mr.P.Marimuthu, Mr.P.Bharath Bala	30	30	30

Semester: VII (2022-2026)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
Theory					
1	Financial Management / U20HST712	Mrs.S.Visalakshi	30	32	37
2	Human Resource Management / U20HST713	Dr.A.Madhiazhagan	30	45	52
3	Usability Design of Software Applications / U20CBT714	Mr.A.Parthiban	45	45	47
4	IT Workshop Scilab / Matlab / U20CBT715	Mrs. K. Devika	45	46	47

5	ASTMA - Advanced Social, Text and Media Analytics / U20CBE717	Mrs. E. Thamizharasi	45	45	45
6	DM - Digital Marketing/ U20CBE715	Mr.A.Deenadayalan	45	45	48
Practical					
7	Usability Design of Software Applications Laboratory / U20CBP713	Mr.A.Parthiban	30	30	34
8	IT Workshop Scilab / Matlab Laboratory / U20CBP714	Mrs. K. Devika	30	30	30
9	ASTMA Lab - Advanced Social, Text and Media Analytics Laboratory / U20CBEP72	Mrs. E. Thamizharasi	30	30	30

3.2 Use of ICT Tools in Teaching Learning

Semester: I – A (2025-2029)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr. R. Vijayakumar	Discrete Mathematics / U23MAT101	PPT
2	Dr.T.Poovaragavan	Introductory Topics in Statistics and Probability /U23MAT102	PPT
3	Dr.K.Oudayakumar Ms.R.Sivarajani	Physical science for Engineers /U23BSTC01	PPT
4	Mrs.G.Maheswari	Fundamentals of Computer Science/U23CBT101	PPT
5	Mrs. K. Devika	Universal Human Values-II/U23HSTC01	PPT
6	Mr. A. Antoine Prasad	Business Communication & Value Science – I / U23ENB101	PPT
7	Mrs.G.Maheshwari	Fundamentals of Computer Science Laboratory /U23CBP101	PPT
8	Mr.K.Jambulingam	Design Thinking and IDEA Lab /U23ESPC02	PPT
9	Dr.P.Jayakumar	Engineering Graphics using AutoCAD / U23ESPC03	PPT

Semester: I – B (2025-2029)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr. R. Vijayakumar	Discrete Mathematics / U23MAT101	PPT
2	Mr. M. Devanathan	Introductory Topics in Statistics and Probability /U23MAT102	PPT
3	Dr.K.Oudayakumar Ms.R.Sivarajani	Physical science for Engineers /U23BSTC01	PPT
4	Mrs.G.Maheshwari	Fundamentals of Computer Science/U23CBT101	PPT
5	Mrs.M.Viji	Universal Human Values-II/U23HSTC01	PPT
6	Ms.V.Vasumathi	Business Communication & Value Science – I / U23ENB101	PPT
7	Mrs.G.Maheshwari	Fundamentals of Computer Science Laboratory /U23CBP101	PPT
8	Dr.S.Sivaraj	Design Thinking and IDEA Lab /U23ESPC02	PPT
9	Dr.D.Karunagaran	Engineering Graphics using AutoCAD /	PPT

		U23ESPC03	

Semester: III (2024-2028)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr. T. Poovaragavan	Computational Statistics / U23MAT305	PPT
2	Mrs.G.Hemalatha	Computer Organization and Architecture / U23CBT303	PPT
3	Mr.M.Karthick	Object Oriented Programming in C++ / U23CBT304	PPT
4	Mrs. M. Viji	Principles of Operating Systems/U23CBT305	PPT
5	Dr.N.Sakthipriya	DSC-Database System Concepts/U23CBT306	PPT
6	Mr.A.Deenadayalan Mrs.P.Ramya	FLA-Formal Languages and Automata Theory / U23CBB301	PPT
7	Dr. T. Poovaragavan	Computational Statistics Laboratory / U23MAP302	PPT
8	Mr.M.Karthick	Object Oriented Programming Laboratory / U23CBP303	PPT
9	Mrs. M. Viji	POS LAB-Principles of Operating Systems Laboratory / U23CBP304	PPT
10	Dr.N.Sakthipriya	Database Management Systems Laboratory / U23CBP305	PPT

Semester: V (2023-2027 & 2022-2026(A))

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.L.Kavitha	Fundamentals of Management Science / U23HST503	PPT
2	Ms.P.Prathiyuksha	Cloud, Microservices and Application /U23CBT509	PPT
3	Mrs.J.Nithya	Machine Learning for Business Systems /U23CBT510	PPT
4	Mr.P.Sangeetha	Research Methodology / U23HSTC02	PPT
5	Mr.P.Sudharsan	E- Commerce and E- Payment Systems /U23CBE510	PPT
6	Mr.J.Jeevanandham	Neural Network and Fuzzy logic / U23ICOC01	PPT
7	Mr. A.Antoine Prasad	Business Communication & Value Science – IV / U23ENP501	PPT
8	Ms.P.Prathiyuksha	Cloud, Microservices and Application Laboratory / U23CBP508	PPT
9	Mr.P.Sudharsan	E- Commerce and E- Payment Systems Laboratory /U23CBEP55	PPT
10	Mr.P.Marimuthu, Mr.P.Bharath Bala	Micro Project / U23CBW501	PPT

Semester: VII (2022-2026)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.S.Visalakshi	Financial Management / U20HST712	PPT
2	Dr.A.Madhiazhagan	Human Resource Management / U20HST713	PPT
3	Mr.A.Parthiban	Usability Design of Software Applications / U20CBT714	PPT

4	Mrs. K. Devika	IT Workshop Scilab / Matlab / U20CBT715	PPT
5	Mrs. E. Thamizharasi	ASTMA - Advanced Social, Text and Media Analytics / U20CBE717	PPT
6	Mr.A.Deenadayalan	DM - Digital Marketing/ U20CBE715	PPT
7	Mr.P.Sudharsan	Usability Design of Software Applications Laboratory / U20CBP713	PPT
8	Dr.N.Danapaquiame Mrs.P.Ramya	IT Workshop Scilab / Matlab Laboratory / U20CBP714	PPT
9	Mr.P.Sudharsan	ASTMA Lab - Advanced Social, Text and Media Analytics Laboratory / U20CBEP72	PPT

3.3 List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Career Compass: Guiding Students Towards Success	**Mr.B.Harish** Software Consultant Encora lnc Bangalore Dharshan Software Engineer TCS Chennai	30.08.2025	58
2	Next-Gen Business: Innovation Strategies in a Digital – First Era	**Mr.J.Devakumar** Digital Marketing Specialist Daimlinc Pty Ltd., Australia	23.08.2025(FN)	114
3	Seminar on Intellectual Property Rights (IPR)	**Dr. P. Jaya Kumar,** Consultant in Patent Filing and IPR at JS ARa Tech, Chennai	23.08.2025 (AN)	114
4	Workshop on " **DevSecOps Innovation Hub: AI Powered Security Automation** "	**Mr.R.Sathish** Senior Cloud Engineer and DevOps Lead Kloudping IT Solutions Pvt Ltd, Tindivanam.	26.07.2025	98

3.4 Activities for Slow and Advanced Learners

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Discrete Mathematics / U23MAT101	Mr. R. Vijayakumar	Yes	10	Yes
2	Introductory Topics in Statistics and Probability /U23MAT102	Dr.T.Poovaragavan	Yes	10	Yes
3	Physical science for Engineers /U23BSTC01	Dr.K.Oudayakumar Ms.R.Sivarajani	Yes	10	Yes
4	Fundamentals of Computer Science/U23CBT101	Mrs.G.Maheswari	Yes	10	Yes
5	Universal Human Values-II/U23HSTC01	Mrs. K. Devika	Yes	10	Yes

6	Business Communication & Value Science – I / U23ENB101	Mr. A. Antoine Prasad	Yes	10	Yes
7	Discrete Mathematics / U23MAT101	Mr. R. Vijayakumar	Yes	10	Yes
8	Introductory Topics in Statistics and Probability /U23MAT102	Mr. M. Devanathan	Yes	10	Yes
9	Physical science for Engineers /U23BSTC01	Dr.K.Oudayakumar Ms.R.Sivarajani	Yes	10	Yes
10	Fundamentals of Computer Science/U23CBT101	Mrs.G.Maheshwari	Yes	9	Yes
11	Universal Human Values-II/U23HSTC01	Mrs.M.Viji	Yes	10	Yes
12	Business Communication & Value Science – I / U23ENB101	Ms.V.Vasumathi	Yes	10	Yes
13	Computational Statistics / U23MAT305	Dr. T. Poovaragavan	Yes	10	Yes
14	Computer Organization and Architecture / U23CBT303	Mrs.K.Devika	Yes	8	Yes
15	Object Oriented Programming in C++ / U23CBT304	Dr.N.Sakthipriya	Yes	10	Yes
16	Principles of Operating Systems/U23CBT305	Mrs. M. Viji	Yes	10	Yes
17	DSC-Database System Concepts/U23CBT306	Dr.N.Sakthipriya	Yes	10	Yes
18	FLA-Formal Languages and Automata Theory / U23CBB301	Mr.A.Deenadayalan Mrs.P.Ramya	Yes	10	Yes
19	Fundamentals of Management Science / U23HST503	Dr.L.Kavitha	Yes	10	Yes
20	Cloud, Microservices and Application /U23CBT509	Ms.P.Prathiyuksha	Yes	10	Yes
21	Machine Learning for Business Systems /U23CBT510	Mrs.J.Nithya	Yes	10	Yes
22	Research Methodology / U23HSTC02	Mr.P.Sangeetha	Yes	10	Yes
23	E- Commerce and E-Payment Systems /U23CBE510	Mr.P.Sudharsan	Yes	10	Yes
24	Neural Network and Fuzzy logic / U23ICOC01	Mr.J.Jeevanandham	Yes	10	Yes
25	Financial Management / U20HST712	Mrs.S.Visalakshi	Yes	10	Yes
26	Human Resource Management / U20HST713	Dr.A.Madhiazhagan	Yes	10	Yes
27	Usability Design of Software Applications / U20CBT714	Mr.A.Parthiban	Yes	10	Yes
28	IT Workshop Scilab / Matlab / U20CBT715	Mrs. K. Devika	Yes	10	Yes

29	ASTMA - Advanced Social, Text and Media Analytics / U20CBE717	Mrs. E. Thamizharasi	Yes	10	Yes
30	DM - Digital Marketing/ U20CBE715	Mr.A.Deenadayalan	Yes	10	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	Yes	-
2	Class wise student Profile Record Maintained	Yes	-
3	Mentor – Mentee Session Record Maintained	Yes	-

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
280	18	1:15

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	Yes	-
2	Is Proper evaluation methods used for courses such as Employability Enhancement Courses , Mandatory courses etc.,	Yes	-
3	Details of internal marks awarded	Yes	-
4	Any grievances raised in internal evaluation?	Yes	-

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	-
2	Correlation of COs with POs and PSOs for each Course	Yes	-
3	Course Outcome Attainment Calculated	Yes	**Mention the target: 3** **Benchmark:** Level 1 --□70% and above of university average pass percentage Level 2 --□75% and above of university average pass percentage Level 3 --□80% and above of university average pass percentage **Target: Level 3**
4	PSO and PO attainment through CO	Yes	-
5	Corrective Action Suggestion available for the courses where CO target is not attained	Yes	
6	Program exit survey conducted	Yes	
7	PSO and PO attainment through CO	Yes	
8	Corrective Action Suggestion available where PO target is not attained	Yes	

3.8 Student Performance in End Semester Examination

Semester – I (A & B) (2025-2029)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	108	-
2	Number of All Clear Students	100	-
3	Number of Students passed with Distinction	54	-
4	Number of Students passed with First Class	43	-
5	Number of Students passed with Second Class	03	-
6	Number of Students Failed	08	-
7	Passing Percentage	**95.23%**	-

Semester – III (2024-2028)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	59	-
2	Number of All Clear Students	54	-
3	Number of Students passed with Distinction	17	-
4	Number of Students passed with First Class	39	-
5	Number of Students passed with Second Class	03	-
6	Number of Students Failed	05	-
7	Passing Percentage	**91.5%**	-

Semester – V (2023-2027 & 2022-2026(A))

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	56	-
2	Number of All Clear Students	54	-
3	Number of Students passed with Distinction	36	-
4	Number of Students passed with First Class	18	-
5	Number of Students passed with Second Class	02	-
6	Number of Students Failed	02	-
7	Passing Percentage	**96.4%**	-

Semester – VII (2022-2026)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	56	-
2	Number of All Clear Students	55	-
3	Number of Students passed with Distinction	46	-
4	Number of Students passed with First Class	10	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	-	-
7	Passing Percentage	**98.21%**	-

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Academic expert feedback on curriculum with analysis and action taken report	Yes	15	-
2	Employer feedback on curriculum with analysis and action taken report	Yes	15	-
3	Teacher feedback on curriculum with analysis and action taken report	Yes	15	-
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes	15	-
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	15	-
6	Alumni feedback on curriculum with analysis and action taken report	Yes	15	-
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	200	-

SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
NIL					

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
1	Dr. M. Auxilia	EMERGENCY RESPONSE TEAM BOARD: ENHANCING CAMPUS SAFETY	Sumi Motherson Pvt Ltd Thiruvandarkoil	One Lakh and Five Thousand	3 Months

5.3 Faculty Publications

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Imapact Factos
1	2022-2023	-	-	-	-	-
2	2023-2024	-	-	1	-	-
3	2024-2025	1	Scopus	-	2	1.71
4	2025-2026	-	-	-	-	-

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	-
Number of Publication in International Journals	01
Number of Publication in National Conferences	-
Number of Publication in International Conferences	05
Number of Books / Book Chapters	1
Number of Patent (Filed)	Published – 5 Filed - 2
Number of Patents Granted	-

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
NIL				

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, Issue, pp, ISBN/ISSN	Indexing
1	Deep Learning-Based Predictive Modeling For Extreme Weather Events Under Climate Change	Dr.T. Vengatesh*, Dr. R. Ramya, **Viji.M**, Saint Jesudoss.S, Jakkapu Nagalakshmidevi, Dr. Prabhat Kumar, D. Nagaraj, D. Vanathi	International Journal of Environmental Sciences	ISSN: 2229-7359 Vol. 11 No. 22, 2025	Scopus

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
NIL						

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Soil Whisperer 2.0: Bio-Inspired Neural Networks for Predictive Irrigation based on Soil-Plant Feedback Loops	**Viji Manoharan;** R. Jayaraj; **M. Auxilia**	2025 3rd International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS)	11-13 June 2025		IEEE Xplore
2	An Optimized Credit Card Fraud detection using balancing techniques: A Comparative Machine Learning study, Sampling & Testing Integration	**Dr.N.Danapaquiame, Mrs.M.Viji,** Subash Raj M, Anyam Sanjay Karthikeya, Gobinath K R	2025 International Conference on Emerging Technologies in Engineering Applications (ICETEA)	11 August 2025	979-8-3315-1485-3	IEEE
3	Role of Generative AI in Designing Sustainable Smart Cities: An Intelligent Framework for Urban Efficiency and Climate Resilience.	**Dr. Auxilia Michael, Dr. V. S. K. Venkatachalapathy, Dr. S. Jayakumar, & Dr. K.Velmurugan**	31st FAI International Conference (ICSSS-2026), Poornima University, Jaipur, India	7–9 February 2026 (**Presented**)	eISSN: 2367-3389 pISSN: 2367-3370	**Springer** (Collaboration with SCOPUS INDEXED JOURNALS for publication)

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	**Transforming the landscape of cybersecurity:** Generative AI for SOC Automation: Autonomous Threat Simulation and Incident Response in Cybersecurity	**Auxilia Michael,** Maragadhavalli Meenakshi, Ilakkia Asokan, K, Kalaiselvi Nandagopal, Kanchana Perumal, Lakshmipriya Shankar	Under review	CRC Press

Patents

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	E. THAMIZHARASI	K.DEVIKA P.SUDHARSAN M.VIJI	SMART CART – Automated Billing Cart	202541088427 A; 17/09/2025	INDIA	Published (17/10/2025)
2	K. DEVIKA	M.VIJI Dr.N.SAKTHIPRIYA G.MAHESHWARI	Dynamic Irrigation Forecast System: Soil Whisperer	202541088419 A; 17/09/2025	INDIA	Published (17/10/2025)
3	Dr.N. DANAPAQUIAME	E.THAMIZHARASI K.DEVIKA Dr.N.SAKTHIPRIYA	NeuroVoice: Brainprint-based thought-to-speech and Voice Cloning communication system for Mute and Paralyzed Patients	202541088412 A; 17/09/2025	INDIA	Published (17/10/2025)
4	Dr.N. DANAPAQUIAME	E.THAMIZHARASI M.VIJI	V-KIT – A Modern Assistive Tool for Visually Impaired	202541088401 A; 17/09/2025	INDIA	Published (17/10/2025)
5	Dr.N.DANAPAQUIAME	Dr.N.SAKTHIPRIYA P.SUDHARSAN G.MAHESHWARI	Chores - A quick commerce platform to get instant help and assistance	202541088400 A; 17/09/2025	INDIA	Published (17/10/2025)
6	Dr.N.DANAPAQUIAME	E.THAMIZHARASI K.DEVIKA G.MAHESHWARI	**NeuroCrypt:** Adaptive EEG-Driven Cryptographic Key Generator with Fuzzy Error Correction	-	INDIA	Filed
7	Dr.M. AUXILIA	E.THAMIZHARASI Dr.N. SAKTHIPRIYA ANUSHYA R	System and Method for Early Risk Assessment of Transient Ischemic Attacks Using Multimodal Neurophysiological Signals and Retinal Imaging	-	INDIA	Filed

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1.	ABARNAA	TECHY GEEKS	70 DAYS	22-7-2025	30-9-2025
2.	ARTHI SANTHANALAKSHMI	Tech Mahindra	53 Days	04-08-2025	26-9-2025
3.	ASEEM AHAMED N	levitate Studios	14 Days	07-08-2025	24-8-2025
4.	BALAJI SAKTHIVEL T	Pumo Technovation	30 days	08-03-2025	09-04-2025
5.	CAMILLUS PREM KUMAR Y	Pumo Technovation	30 days	08-03-2025	09-04-2025
6.	DANIEL RUPAAN KALERY F	Pumo Technovation	31 days	07-03-2025	09-04-2025
7.	DANUSH S	SEYFERT INFOTECH	16 Days	04-08-2025	20/8/2025
8.	DHARSHINI G	Code Bind Technologies	5 DAYS	30-06-2025	05-07-2025
9.	DHARSHINI G	TECHY GEEKS	70 DAYS	22-7-2025	30-9-2025
10.	DHIVYA SHREE S	SEYFERT INFOTECH	30 days	08-04-2025	09-04-2025
11.	EDISON JAMES F	Pumo Technovation	31 days	08-04-2025	09-04-2025
12.	EDWIN LEONARED P	Pumo Technovation	30 days	08-04-2025	09-04-2025
13.	GANESAMURTHI V	IINVS Private Limited	43 Days	07-02-2025	14-8-2025
14.	HARISH P	SEYFERT INFOTECH	20 Days	08-04-2025	24/8/2025
15.	HARISHRAJ KR	Pumo Technovation	37 days	07-09-2025	15-8-2025
16.	HARRI KRISHNAA K	NLC	19 days	08-04-2025	23-08-2025
17.	JAYASRI R	RepuNext	19 days	08-04-2025	23-08-2025
18.	JEEVEASH K	Pumo Technovation	31 days	08-04-2025	09-04-2025
19.	KAMALESH V S	Yoco labs Private Limited	41 days	07-04-2025	14-08-2025
20.	KATHELIEN PRISCA RAJAN	SEYFERT INFOTECH	30 Days	08-04-2025	09-04-2025
21.	KAVITHANJALI P	Tech Mahindra	60 days	08-01-2025	30-9-2025
22.	KAVIYA G	HTGE TECH	21 Days	08-06-2025	27/8/2025
23.	KEERTHANA K	Pumo Technovation	28 days	08-04-2025	09-01-2025
24.	LALJITH V	NLC	19 days	08-04-2025	23-08-2025
25.	LINGESHWAR S	Pumo Technovation	30 days	08-04-2025	09-04-2025
26.	LOKESHWAR J	NLC	19 days	08-04-2025	23-08-2025
27.	MADHUMITHA V	RepuNext	19 days	08-04-2025	23-08-2025
28.	MADHUMITHA V	HTGE TECH	21 Days	08-06-2025	27/8/2025
29.	MANESH RAM K A	SEYFERT INFOTECH	30 days	08-05-2025	09-04-2025
30.	MOHAMED APSAR M	NLC	19 days	08-04-2025	23-08-2025
31.	MOHIT ARAVIND R S	Pumo Technovation	30 days	08-04-2025	09-04-2025
32.	MONISHA K	HTGE TECH	21 Days	08-06-2025	27/8/2025
33.	NEELIMA T P	RepuNext	19 days	08-04-2025	23-08-2025
34.	POOJA R	Code Bind Technologies	5 DAYS	30-06-2025	07-04-2025
35.	PRITHIKAA P	RepuNext	19 days	08-04-2025	23-08-2025
36.	RAGUL D	Pumo Technovation	37 days	07-09-2025	15-8-2025
37.	ROSHAN P	Pumo Technovation	37 days	07-09-2025	15-8-2025
38.	SAMSON ARUN A	SEYFERT INFOTECH	21 Days	08-04-2025	24/8/2025
39.	SANJAY M	IINVS Private Limited	1 month 9 days	07-02-2025	14-8-2025
40.	SATHISHWAR P	Pumo Technovation	37 days	07-09-2025	15-8-2025

41.	SHAKIL S	NLC	19 days	08-04-2025	23-08-2025
42.	SHRINIVAS P B	NLC	19 days	08-04-2025	23-08-2025
43.	SRINATH V	Pumo Technovation	37 days	07-09-2025	15-8-2025
44.	SUBA ASWIN M	Pumo Technovation	37 days	07-09-2025	15-8-2025
45.	SWATHI J	Pumo Technovation	28 days	08-04-2025	09-01-2025
46.	SWATHI J	HTGE TECH	21 Days	08-06-2025	27/8/2025
47.	SWETHA S	Code Bind Technologies	5 DAYS	30-06-2025	07-04-2025
48.	THANUJAA SEZHIAN	Code Bind Technologies	5 DAYS	30-06-2025	07-04-2025
49.	THANUJAA SEZHIAN	TECHY GEEKS	70 DAYS	22-7-2025	30-9-2025
50.	VAAGISHWAR M	NLC	19 days	08-04-2025	23-08-2025
51.	VARSHINI B	RepuNext	19 days	08-04-2025	23-08-2025
52.	VARSINI M	Code Bind Technologies	5 DAYS	30-06-2025	07-04-2025

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
NIL				

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
NIL				

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	RAGWORKS AI LIMITED	03.11.2025	Students Projects and Internships , Workshops, Training Programme, Collaborative Research, Consultancy Works	1 Year

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	17
Number of Students opted Higher Studies	5
Number of Entrepreneur	-

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (Lakhs per annum)
1	ADRINA SUZANNE G	Avasoft	6
2	AKASH P	Bastion Data Solutions	3
3	ANIRUTH PRABU	Société Générale	5.4
4	ANUSHA N B	TCS	3.46
5	BHUVANESHVAR A	Cognizant	4
6	DHINESHWAR R S	Avasoft	6
7	KAILASANATHAN R	Avasoft	6

8	KARTHICK S	Hexaware Techn ologies	4
9	KARTHIKAYENI K	Hexaware Technologies	4
10	KAVIYAH V	Codeyoung	8.36
11	RAMYA S	TCS	3.46
12	SANJAIGANESH S	Cognizant	6.75
13	SRIVATSAN K	Shopup	8
14	SUMAN E	Hexaware	4
15	SUSHMITHA K	Cognizant	4
16	TAMIM M	TCS	7.09
17	MOHNISH KEERTHANA	TCS	3.46

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	NAVEENRAJ N	Pondicherry University	M.Tech. Data Science & Artificial Inteligence
2	HARINI G	IIT, Patna	MBA
3	AKILAA	Ecole de Management Léonard De Vinci	MBA in International Business
4	BAVADHARINI S	Gems B school, Banglore	MBA in International Business
5	MUHAMMED MISHAB	Emertxe, Bangalore	Embedded Systems

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
NIL				

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under (Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	Workshop on " DevSecOps Innovation Hub: AI Powered Security Automation	Department	26.07.2025	State	98
2	Next-Gen Business: Innovation Strategies in a Digital – First Era Automation	Department	23.08.2025/FN	State	114
3	The guest lecture on "Innovation Through Projects: Turning Ideas into Real-World Solutions"	Department	25.09.2025	State	108
4	Seminar on Python for Innovation: From Coding to Career Branding on LinkedIn and GitHub	Department	14.10.2025	State	108
5	Guest Lecture on "AI Innovation in Cyber Security for Threat Detection"	Department	19.11.2025	State	108
6	Seminar on	Department	22.11.2025-FN	State	108

	"Importance of IPR in Academic Research and Innovation"				
7	Expert Talk on "Innovation begins with Small Step"	Department	22.11.2025-AN	State	108

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organised under (Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1	Two Days Technical Workshop on : RAG Pipelines, Vector Databases & LLM Integration	ISTE Faculty Chapter	4th & 5th December 2025	State	30

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1.	Madhumitha R	Code Redemption-24hrs National level Hackathon	Jai Shriram Engineering College -22nd&23rd August 2025	Secured **First Place** with a **cash prize of ₹3,000 For Team Neurovoice**
2.	Madhumitha R Monisha K	Hackspora 2K25-24 hrs National level hackathon	Karpagam Academy of Higher Education 12th&13th September 2025	Secured **First Place** with a **cash prize of ₹5,000** and a **PC worth ₹40,000** for **Team NeuroVoice**
		Innovators Day-24 hrs National level hackathon	Sri Manakula Vinayagar Engineering College,19th &20th September 2025	Secured **Second Place (Hardware Category)** with a **cash prize of ₹15,000**
		Intel Info 2K25	Mailam Engineering College , 11th October 2025	Secured **First Place** in **Paper Presentation** and received an **Internship Opportunity by DS Groups**
		Technetrix 2K25 (24-Hour Hackathon)	K. Ramakrishnan College of Engineering, 15th&16th October 2025	Secured **Second Place** with a **cash prize of ₹15,000**
		Students Achiever Award	21st September 2025	Recieved **Students Achievers award for the project Neurovoice**
3.	Guhan R	Pi Day Paper Presentation	Sri Manakula Vinayagar Engineering College, 14th March 2025	Secured **Third place** in Paper presentation event
4.	Shrinivas PB	PRECISION 2K25 (National Level	B.S. Abdur Rahman Crescent Institute of	Secured **3rd Place** in the event

		Technical Symposium)	Science and Technology, Chennai , 16th October 2025 .	
5.	Aseem Ahamed N Hari Krishnaa K	TechFusion '25 – A National Level Project Expo	B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai , 30th January 2025	Secured **2nd place** in ProjectExpo

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	NIL	

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1	Dr.M.Auxilia	ICETEA 2025 Conference Reviewer / IEEE Conference Organised by Sri Manakula Vinayagar Engineering College
2	Mrs.E.Thamizharasi	ICETEA 2025 Conference Reviewer / IEEE Conference Organised by Sri Manakula Vinayagar Engineering College

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S.No	Name of the Faculty	Name of Awards / Recognition
NIL		

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

S. No	Name of the Faculty	FDP / STTP / Workshop / Conference Title	Organized by	Duration (From Date – To Date)	Days
1	Dr. Auxilia Michael	QT-03: Basics of Quantum Programming – FDP	Electronics & ICT Academies	16-05-2025 to 07-06-2025	22
		IBM Qiskit Fall Fest 2025	NIT Puducherry	17-11-2025 to 19-11-2025	3
		QT-03 & QT-04: Basic Quantum Programming and Technologies Lab – STC	E&ICT Academy, MNIT Jaipur & APSCHE	27-10-2025 to 29-11-2025	34
		QT-05: Quantum Computation – FDP	E&ICT Academy, MNIT Jaipur & APSCHE	08-12-2025 to 31-12-2025	24
		QT-06: Basic Quantum Programming and Technologies Lab – FDP	E&ICT Academy, MNIT Jaipur & APSCHE	05-01-2026 to 31-01-2026	27

2	Mrs. K. Devika	Digital Skills Readiness Program – Wipro TalentNext	Wipro	02-05-2025	1
		Prompt Engineering Course	Online Certification	15-05-2025	1
		Disease Prediction Using Machine Learning Algorithms – FDP	ProMind Learning Academy, Erode	25-08-2025 to 29-08-2025	5
3	Mrs. M. Viji	The Joy of Computing Using Python	NPTEL / SWAYAM	56 (8 weeks)	8 weeks
		Quantum AI: Educating the Next Generation of Professionals	FDP Program	08.09.2025 to 12.09.2025	6
		Blue Finance Seminar	AICTE	1	
3	Mrs. E. Thamizharasi	Innovation Ambassador – Foundation Level	Ministry of Education Innovation Cell	09-04-2025	—
		Innovation Ambassador – Advanced Level	Ministry of Education Innovation Cell	11-04-2025	—
		QT-02: Foundation of Quantum Technologies – FDP	Electronics & ICT Academy	11-04-2025 to 03-05-2025	20
		Innovation Ambassador – Reskilling Programme	MHRD Innovation Cell	2024-2025	—
		QT-03: Basics of Quantum Programming – FDP	Electronics & ICT Academy	16-05-2025 to 07-06-2025	22
		QT-05: Quantum Computation – FDP	Electronics & ICT Academy	11-07-2025 to 02-08-2025	20
		ICETEA 2025 Conference Reviewer	IEEE	2025	1
5	Dr. N. Shakthipriya	Blockchain in Healthcare – FDP	SRM Institute of Science and Technology	02.06.2025 to 07.06.2025	6
		Design Thinking & Innovation for Engineering Interdisciplinary Academics	FDP Program	15.07.2025 to 20.07.2025	6
		Quantum AI: Educating the Next Generation of Professionals	FDP Program	08.09.2025 to 12.09.2025	5
		Emerging Trends and Research Opportunities in Artificial Intelligence	FDP Program	05.10.2025 to 10.10.2025	6
6	Mr. P. Sudharsan	Leveraging Explainable AI to Enhance Communication Systems, Signal & Image Processing – FDP	IEEE Madras Section	17-11-2025 to 22-11-2025	6
		Emerging Trends and Challenges in Cyber Security	Guru Nanak Institute of Technology	10.11.2025 to 15.11.2025	6
7	Mrs. G. Maheshwari	Building with LLMs: Tools, Techniques and Applications – FDP	E&ICT Academy, NIT Warangal	15.09.2025 to 20.09.2025	5
		From Idea to Granted Patent – National Level IPR Workshop	ACT Academy	30.09.2025	1

Dr. M. AUXILIA, M.E., Ph.D.,
Professor and Head
Department of Computer Science and Engineering and Business Systems
Sri Manakula Vinayagar Engineering College
Pondicherry 605 107, India

9.6 Best Practices followed by the Department.

S.No	Best Practice	Description
1	Integration of Advanced AI Tools in Teaching Pedagogy	Faculty members incorporate advanced Artificial Intelligence tools in teaching–learning processes to enhance conceptual understanding, interactive learning, and practical exposure for students.
2	Encouragement for Hackathons and Innovation Activities	Students are motivated and supported to participate in various national and institutional-level hackathons and innovation competitions, promoting problem-solving skills, creativity, and teamwork.
3	Conversion of Final Year Projects into Patents and Publications	The department encourages students to transform their final year projects into research publications and patent filings. During the recent academic period, five final year projects have been converted into patent applications and research publications.

9.7 List three distinguished alumni of the department from the recent passed-out batch.

S.No	Name of the Alumni	Contact Details
1	Kavearaasane. C	6380987264
2	Logkalithiyaa V G	8220366141
3	Vijay K	6380286044

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

25/3/26

Head of the Department

Dr. M. AUXILIA, M.E.,Ph.D.,
Professor and Head
Department of Computer Science and Engineering and Business Systems
Sri Manakula Vinayagar Engineering College
Puducherry-605 007. India.

Recommendations:

Criteria	Remarks
Curricular Aspects	Verified the documents, Good
Teaching, Learning and Evaluation	All the documents are available
Structured Feedback	Feedback backups are available
Research, Innovation and Publications	Need to be Improved
Collaborations and Linkages	Concentrate on MoUs and Industry Collaboration
Student Progression	Entrepreneurs may be promoted
Activity Conducted / Organized by the Department	National-level activities may be promoted
Achievements	Good Achievement Record
General Remarks	Good

Name and Signature

(Affiliation of AAA Committee Internal Member -1)
Dr.S.Pougajendy,
Professor,
Department of MBA,
Sri Manakula Vinayagar Engineering College

Name and Signature

(Affiliation of AAA Committee Internal Member -2)
Dr.J.Pradeep,
Professor,
Department of ECE,
Sri Manakula Vinayagar Engineering College

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF

COMPUTER SCIENCE AND COMMUNICATION ENGINEERING

ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENTS
Academic Year 2025-2026 (Odd Semester)
Internal Audit

SECTION –1: BASIC INFORMATION

Audit Date	14.03.2026
Name of the Department	Computer and Communication Engineering
Year of Establishment	2020
Head of the Department	Dr.R. Saravanan
Programs Offered	Name of the Program: B.Tech (Computer and Communication Engineering) — Approved Intake: 60
Programs Discontinued if any	Nil

Number of full time Teachers

Designation	Available	Sanctioned	Filled
Professor	1		
Associate Professor	02		
Assistant Professor	12		

Number of Technical Staff

Number of Students

For UG -------:

Year	M	F	Total
First Year	**31**	**29**	**60**
Second Year	**36**	**22**	**58**
Third Year	**32**	**26**	**58**
Fourth Year	**38**	**20**	**58**
Total	**137**	**97**	**234**

For PG ------: Nil

Year	M	F	Total
First Year			
Second Year			
Total			

Faculty Student Ratio	For UG: 1:15	For PG: Nil

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	
2	Faculty Subject Preferences	Yes	
3	Elective choices from the students	Yes	
4	Course allotment to the faculty	Yes	
5	Time Table (UG and PG)	Yes	
6	Lesson plan for each course	Yes	

2.2 Curriculum/syllabus revision

S.No	Program Name	Regulation	Last Revised on
1	B.Tech - CCE	R2023	-

Participation of the Faculty in the Curriculum development for courses offered in UG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1	**Dr. R.Ramya** Professor and Head, Department of CCE	Chairman	B.Tech	IV / VII
2	**Dr.P.Varalakshmi** Professor Department of Computer Science and Engineering MIT, Chrompet, Chennai	University Nominee Member	B.Tech	IV / VII
3	**Dr. Sangeetha R.G** Professor, School of Electronics Engineering VIT University, Vandalur - Kelambakkam Road, Chennai	Subject Expert Member	B.Tech	IV / VII
4	**Dr. T. Subbulakshmi** Professor, School of Computer Science and Engineering, VIT University, Chennai.	Subject Expert Member	B.Tech	IV / VII
5	**Dr. V.Vijayalakshmi** Professor, Department of Electronics and Communication Engineering, Pondicherry Technological University Puducherry	Special Expert Member	B.Tech	IV / VII
6	**Deepan Chandrasekaran** Project Manager, Manager-Projects Test Lead- Cognizant Technology Solutions	Member	B.Tech	IV / VII
7	**Mrs. V. Gomathi** Assistant Professor/CCE Sri Manakula Vinayagar Engineering College	Member	B.Tech	IV / VII
8	**Mrs.T.Sivaranjani** Assistant Professor/CCE Sri Manakula Vinayagar Engineering College	Member	B.Tech	IV / VII
9	**Mr.G.K. Senthil kumar** Assistant Professor/CCE Sri Manakula Vinayagar Engineering College	Member	B.Tech	IV / VII
10	**Mr.J. Saravanan** Assistant Professor/CCE Sri Manakula Vinayagar Engineering College	Member	B.Tech	IV / VII
11	**Mrs. T.Vijayalakshmi** Assistant Professor /CCE Sri Manakula Vinayagar Engineering College	Member	B.Tech	IV / VII
12	**Ms.J.Rekha** Assistant Professor /CCE Sri Manakula Vinayagar Engineering College	Member	B.Tech	IV / VII

13	**Mrs.M. Abirami** Assistant Professor /CCE Sri Manakula Vinayagar Engineering College	Member	B.Tech	IV / VII
14	**Ms. Mishael Sneha** Assistant Professor /CCE Sri Manakula Vinayagar Engineering College	Member	B.Tech	IV / VII
15	**Dr. D. Devi** Associate Professor/English Sri Manakula Vinayagar Engineering College	Member	B.Tech	IV / VII
16	**Dr. K.Samuvelraj** Assistant Professor/Physics Sri Manakula Vinayagar Engineering College	Member	B.Tech	IV / VII
17	**Dr. K. Karthikeyan** Professor/Chemistry Sri Manakula Vinayagar Engineering College	Member	B.Tech	IV / VII
18	**Dr.A.Ashok** Assistant Professor/ Mathematics Sri Manakula Vinayagar Engineering College	Member	B.Tech	IV / VII
19	**Mr.M.Saravanan,** Senior Software Engineer, Verizon,	Member (Alumni)	B.Tech	IV / VII

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	III / V	Professional Elective – II Data Mining and Information Warehousing	U23CCE507	58
2	IV / VII	Professional Elective – IV Green Computing	U20ITCM06	58

2.4 List of Open Elective Courses offered by other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
1	III / V	MBA	Open Elective-I New Product Development	U23HSOC02	58
2	IV / VII	IT	Open Elective –IV Automation Tools & Techniques - DevOps	U20ITCM08	58

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	II / III	Animation Practices	U23CCS301	58

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	III / V	Azure Fundamentals	U23CCC579	58
2	II / III	Cisco Certified Network Associate - Level 2	U23CCC327	58
3	I / I	Web Application Development	U23CCC176	60

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	IV / VII	Professional Ethics	U20CCM707	58
2	III / V	Essence of Indian Traditional Knowledge	U23CCM505	58
3	II / III	Climate Change	U23CCM303	58
4	I / I	Induction Program	U23CCM101	60

2.8 List of Add-on/Value Added/MOOC Courses conducted by the department

S.No	Year / Sem	Name of the Course	Course Code	Number of Students Registered	Number of Students Successfully Completed
-	-	-	-	-	-

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester-I: Batch (2025 - 29)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Engineering Mathematics / U23MAT00tC01	Mrs.T. Kalaiselvi	60	60	60
2	Programming in C /U23CSTC01	Mrs.M.Abirami	45	45	48
3	Problem Solving Approach / U23CSTC02	Mrs.M.Santhanam	45	45	46

4	Basics of Electrical and Electronics Engineering / U23ESTC03	Ms.K.Archana	60	60	60
5	Universal Human Values – II / U23HSTC01	Mr.J.Saravanan	30	30	30
6	Communicative English – I / U23ENBC01	Mr.F.John Bosco	60	60	60
7	Basics of Electrical and Electronics Engineering Laboratory / U23ESPC01	Ms.K.Archana	30	30	36
8	Programming in C Laboratory/ U23CSPC01	Mrs.M.Abirami	30	30	36
9	Engineering Graphics using / AutoCAD U23ESPC03	Dr.M.Elangovan	30	30	36

Semester-III: Batch (2024 - 28)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Probability and Statistics / U23MATC03	Mrs.T. Kalaiselvi	60	60	60
2	Principles of Computer Organization / U23CCT302	Mrs.T.Sivaranjani	45	45	48
3	Analog Electronics / U23CCT303	Mrs.T.Vijayalakshmi	45	45	48
4	Principles of Communication Engineering / U23CCT304	Mr.J.Saravanan	45	45	46
5	Software Engineering Principles and Testing Techniques / U23CCT305	Mr.M.Santhanam	45	45	53
6	Design and Analysis of Algorithms / U23CSBC01	Mrs. M.Abirami	60	60	60
7	General Proficiency–I / U23ENPC01	Mr.Velmurgan	30	30	30
8	Engineering Mathematics Laboratory / U23MAPC01	Mrs.T. Kalaiselvi	30	30	36
9	Principles of Communication Engineering Laboratory / U23CCP302	Mr.J.Saravanan	30	30	36

Semester-V: Batch (2023 - 27)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Research Methodology/ U23HSTC02	Dr.K.Sivakumar	60	60	60
2	Artificial Intelligence/ U23CSTC06	Mrs.T.Sivaranjani	45	45	48
3	Signal Processing/ U23CCT507	Dr.R.Ramya	45	45	48
4	Cyber Physical System Design/ U23CCT508	Mrs.T.Vijayalaksmi	45	45	46
5	Professional Elective –II Data mining and information warehousing / U23CCE507	Mrs.M.Abirami	45	45	53
6	Open Elective-I (OE) New Product Development/ U23HSOC02	Ms.T.Dhivya	60	60	60
7	Artificial Intelligence Laboratory/ U23CSPC05	Mrs.T.Sivaranjani	30	30	30
8	Signal Processing Laboratory/ U23CCP504	Mr.J.Saravanan	30	30	36
9	Cyber Physical System Design Laboratory/ U23CCP505	Mrs.T.Vijayalakshmi	30	30	36

Semester-VII: Batch (2022 - 26)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Machine Learning and Artificial Intelligence/ U20CCT717	Mr.M.Santhanam	45	45	48
2	Cloud Computing and Distributed Systems /U20CCT718	Mrs.T.Vijayalakshmi	45	45	48
3	Professional Elective – IV Green Computing/ U20ITCM06	Mr.J.Saravanan	45	45	48

4	Open Elective – IVAutomationTechniques& Tools- DevOps /U20ITCM08	Mrs.T.Sivaranjani	45	45	46
5	Business Basics for Entrepreneur/ U20HSP703	Mr. R. Anbarasan	30	30	30
6	Artificial Intelligence Laboratory/ U20CCP712	Mrs.T.Sivaranjani	30	30	36
7	Cloud Computing and Distributed Systems Laboratory /U20CCP713	Mrs.T.Vijayalakshm	30	30	36
8	Comprehensive Viva Voce /U20CCP714	Mr.M.Santhanam	30	30	36
9	Project Phase – I /U20CCW701	Dr.R.Ramya	40	40	40

3.2 Use of ICT Tools in Teaching Learning
Semester- I, III, V, VII

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.T. Kalaiselvi	Engineering Mathematics (M- I) U23MATC01	PPT
2	Mrs.M.Abirami	Programming in C (PC) U23CSTC01	PPT
3	Mr.M.Santhanam	Problem Solving Approach (PSA) U23CSTC02	PPT
4	Mrs.K.Archana	Basics of Electrical and Electronics Engineering (BEEE) U23ESTC03	PPT
5	Mr.J.Saravanan	Universal Human Values – II U23HSTC01	PPT
6	Mr.F.John Bosco	Communicative English – I U23ENBC01	PPT
7	Mrs.T. Kalaiselvi	Probability and Statistics (PS)U23MATC03	PPT
8	Mrs.T.Sivaranjani	Computer Organization and Architecture (CA) U23CCT302	PPT
9	Mrs.T.Vijayalakshmi	Analog Electronics (AE) U23CCT303	PPT
10	Mr.J.Saravanan	Principles of Communication Engineering (POC) U23CCT304	PPT
11	Mr.M.Santhanam	Software Engineering Principles andTesting Techniques (SE) U23CCT305	PPT
12	Mrs. M.Abirami	Design and Analysis of Algorithms (DAA) U23CSBC01	PPT
13	Dr.K.Sivakumar	Research Methodology/ U23HSTC02	PPT
14	Mrs.T.Sivaranjani	Artificial Intelligence/ U23CSTC06	PPT
15	Dr.R.Ramya	Signal Processing/ U23CCT507	PPT
16	Mrs.T.Vijayalakshmi	Cyber Physical System Design/ U23CCT508	PPT

17	Mrs.M.Abirami	Professional Elective –II Data mining and information warehousing / U23CCE507	PPT
18	Ms.T.Dhivya	Open Elective-I (OE) New Product Development/ U23HSOC02	PPT
19	Mr.M.Santhanam	Machine Learning and Artificial Intelligence U20CCT717	PPT
20	Mrs.T.Vijayalakshmi	Cloud Computing and Distributed Systems U20CCT718	PPT
21	Mr.J.Saravanan	Professional Elective – IV Green Computing/ U20ITCM06	PPT
22	Mrs.T.Sivaranjani	Open Elective –IVAutomation Techniques& Tools- DevOps /U20ITCM08	PPT
23	Mr.A.Anbarasan	Business Basics for Entrepreneur/ U20HSP703	PPT

3.3 List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Innovation in AI and Cyber-Physical Systems: Revolutionizing Educational Robotics	Mr. M. Ashokkumar Founder & Director Praya Labs, Tiruvannamalai	30.6.2025	60
2	"Startup Ignition: LEAN Methods &Amp; Minimum Viable Product Design"	Mr. R. Venkat Rahul Researcher Meister Gen- Technologies IIT Madras	11.8.2025	60
3	"Federated Learning in Distributed Internet of Things"	Mr. V. Ariharan Senior Web Developer Analyst Accenture	30.8.2025	60
4	"A Hands-on Workshop with ChatGPT and Generative AI"	Ms. Devasena Balachander CEO & Founder SAB Consultancy Services & Team	11.7.2025	60
5	"Transforrning Ideas to Project and Funding Opportunities"	Dr. A. Rajesh Associate Professor School of EEE SASTRA University	20.8.2025	60

3.4 Activities for Slow and Advanced Learners

Semester: I, III, V, VII

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Engineering Mathematics / U23MATC01	Mrs.T. Kalaiselvi	Yes	6	Yes
2	Programming in C / U23CSTC01	Mrs.M.Abirami	Yes	6	Yes
3	Problem Solving Approach/ U23CSTC02	Mr.M.Santhanam	Yes	5	Yes

4	Basics of Electrical and Electronics Engineering / U23ESTC03	Mrs.K.Archana	Yes	6	Yes
5	Universal Human Values – II / U23HSTC01	Mr.J.Saravanan	Yes	4	Yes
6	Communicative English – I U23ENBC01	Mr.F.John Bosco	Yes	4	Yes
7	Probability and Statistics / U23MATC03	Mrs.T. Kalaiselvi	Yes	6	Yes
8	Computer Organization and Architecture / U23CCT302	Mrs.T.Sivaranjani	Yes	4	Yes
9	Analog Electronics / U23CCT303	Mrs.T.Vijayalakshmi	Yes	6	Yes
10	Principles of Communication Engineering / U23CCT304	Mr.J.Saravanan	Yes	5	Yes
11	Software Engineering Principles and Testing Techniques / U23CCT305	Mr.M.Santhanam	Yes	4	Yes
12	Design and Analysis of Algorithms / U23CSBC01	Mrs. M.Abirami	Yes	6	Yes
13	Research Methodology/ U23HSTC02	Dr.K.Sivakumar	Yes	6	Yes
14	Artificial Intelligence/ U23CSTC06	Mrs.T.Sivaranjani	Yes	4	Yes
15	Signal Processing/ U23CCT507	Dr.R.Ramya	Yes	5	Yes
16	Cyber Physical System Design/ U23CCT508	Mrs.T.Vijayalakshmi	Yes	5	Yes
17	Professional Elective –II Data mining and information warehousing/ U23CCE507	Mrs.M.Abirami	Yes	4	Yes
18	Open Elective-I New Product Development/ U23HSOC02	Ms.T.Dhivya	Yes	5	Yes
19	Machine Learning and Artificial Intelligence U20CCT717	Mr.M.Santhanam	Yes	4	Yes

20	Cloud Computing and Distributed Systems U20CCT718	Mrs.T.Vijayalakshmi	Yes	5	Yes
21	Professional Elective – IV Green Computing/ U20ITCM06	Mr.J.Saravanan	Yes	4	Yes
22	Open Elective –IV Automation Techniques& Tools- DevOps /U20ITCM08	Mrs.T.Sivaranjani	Yes	5	Yes
23	Business Basics for Entrepreneur/ U20HSP703	Mr.A.Anbarasan	Yes	4	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor allocation	Yes	
2	Class wise student profile record maintained.	Yes	
3	Mentor–mentee session record maintained.	Yes	
No. of Students in Department		**Number of Mentors in the Department - 1:17**	

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous assessment examination conducted as per the academic calendar	Yes	
2	Is proper evaluation methods used for courses such as Employability Enhancement Courses, mandatory courses etc.,	Yes	
3	Details of internal marks awarded	Yes	
4	Any grievances raised in internal evaluation?	No	

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	
2	Correlation of COs with POs and PSOs for each course available	Yes	
3	Course Exit survey conducted	Yes	
4	Course Outcome Attainment Calculated	Yes	
5	Corrective Action Suggestion available for the courses where CO target is not attained	Yes	
6	Program exit survey conducted	Yes	
7	PSO and PO attainment through CO	Yes	
8	Corrective Action Suggestion available where PO target is not attained	Yes	

3.8 Student Performance in End Semester Examination

Semester: I Batch: 2025 - 2029

Sr. No	Particular	UG	PG
1	Number of Students appeared	60	-
2	Number of All Clear Students	54	-
3	Number of Students passed with Distinction	25	-
4	Number of Students passed with First Class	54	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	6	-
7	Passing Percentage	90 %	-

Semester: III Batch: 2024 - 2028

Sr. No	Particular	UG	PG
1	Number of Students appeared	57	-
2	Number of All Clear Students	45	-
3	Number of Students passed with Distinction	28	-
4	Number of Students passed with First Class	45	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	6	-
7	Passing Percentage	80 %	-

Semester: V Batch: 2023 - 2027

Sr. No	Particular	UG	PG
1	Number of Students appeared	58	-
2	Number of All Clear Students	57	-
3	Number of Students passed with Distinction	30	-
4	Number of Students passed with First Class	57	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	1	-
7	Passing Percentage	98 %	-

Semester: VII Batch: 2022 – 2026

Sr. No	Particular	UG	PG
1	Number of Students appeared	58	-
2	Number of All Clear Students	56	-
3	Number of Students passed with Distinction	45	-
4	Number of Students passed with First Class	56	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	2	
7	Passing Percentage	96 %	

3.9 Student Performance of Outgoing Students

Sr. No	Particular	UG	PG
1	Number of outgoing students	57	-
2	Number of students successfully completed the program	56	-
3	Number of students completed the program with no backlogs	35	-
4	Number of students completed the program with backlogs	57	-

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Academic expert feedback on curriculum with analysis and action taken report	Yes	20	
2	Employer feedback on curriculum with analysis and action taken report	Yes	20	
3	Teacher feedback on curriculum with analysis and action taken report	Yes	20	
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes	30	
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	15	
6	Alumni feedback on curriculum with analysis and action taken report	Yes	20	
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	40	
8	Graduate (program) Exit Survey with analysis and action taken report	Yes	-	

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
1	Nil				

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
1	Nil				

5.3 Faculty Publications (faculty-wise list)

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors
1.	2023- 2024	5	01	5		2.1
2.	2024 - 2025	6	01	7		1.7
3.	2025 - 2026	2	-	-	-	1.8

Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	
Number of Publications in International Journals	3
Number of Publications in National Conferences	2
Number of Publications in International Conferences	1
Number of Books / Book Chapters	2
Number of Patents (Filed)	
Number of Patents Granted	
Number of Design Patents (Filed)	2
Number of Design Patents Granted	

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
1	NIL			

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	**Crashsense: Real-Time Road Collision Detection and Notification**	Dr.R. Saravanan	Journal of Information Systems Engineering and Management	Vol 10, 30s, **e-ISSN:** 2468-4376	Google Scholar
2	Guardian Eye: An AI-Powered Child Monitoring and Protection Model	Dr.R. Saravanan	Journal of Information Systems Engineering and Management	Vol 10, 18s, **e-ISSN:** 2468-4376	Google Scholar
3	Smart Vital Signs Monitoring with Defibrillator and Paralyzed Patient Movement Detection Using IoT	Mrs.T. Sivaranjani	International Journal of Innovative Science and Research Technology	10, May/June 2025 ISSN 2456–2165	Google Scholar

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Leveraging AI for Context Aware Security: An Adaptive Zero Trust Framework for Hybrid Workforce	Mrs.T.Sivaranjani	Emerging Technology for a Sustainable Future	55th ISTE National Annual Faculty Convention	-	ISTE
2	Education 5.0 Meets: Comparative Study of Polar Decoder – Based Full Adders	Mrs.T.Vijayalakshmi	Emerging Technology for a Sustainable Future	55th ISTE National Annual Faculty Convention	-	ISTE

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Detection of Missing Components in an Electrical circuit using RCNN	Mrs.T. Sivaranjani	Proceedings of the International Conference on Emerging Trends in Engineering, Technology and Management (ICETETM'25)	International Conference on Emerging Trends in Engineering, Technology and Management (ICETETM'25)	ISBN: 978-81-985760-1-9	SR Institute of Management & Technology, Lucknow

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1.	Industry 4.0: The Rise of Smart Manufacturing and Automation	Ms. T. Vijayalakshmi Assistant Professor Department of Computer and Communication Engineering Sri Manakula Vinayagar Engineering College	978-93-6228- 876- 9	Protek Publications
2.	From Data to Insight: The Future of IoT in Business and Beyond	Mr. J. Saravanan Assistant Professor Department of Computer and Communication Engineering Sri Manakula Vinayagar Engineering College	978 -93 -6228-765 -6	Protek Publications

Design Patent

S.No	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No
1	202541066968	25/07/2025	Design of Low Power 8T SRAM cell using enhanced MCML Technique	Mrs.T.Vijayalakshmi	30/2025
2	202521093537	17/10/2025	Artificial Intelligence Based Delivery Robotic Device and Method Thereof	Mrs.T.Vijayalakshmi	42/2025

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

Batch (2022 - 2026)

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From Date	End Date
1	Harikrishnan Alakesan	Tata Consultancy Services (TCS)	2 months	04.06.2025	01.08.2025
2	Deebikaasri.S	Infosys Springboard	2 months	04.11.2025	10.01.2026
3	Gayathri. R	Infosys Springboard Virtual Internship 6.0	3 months	15.09.2025	25.11.2025
4	Poonguzhali.S	IQ Business Advisor	15 days	03.08.2025	19.08.2025
5	Balaji.M	IQ Business Advisor	15 days	03.08.2025	19.08.2025
6	Guhan.S	IQ Business Advisor	15 days	03.08.2025	19.08.2025
7	Abdur Rehman	IQ Business Advisor	15 days	03.08.2025	19.08.2025
8	Sharmilaa.R	AAM India Manufacturing Corporation Pvt. Ltd.	1 month	20.08.2025	12.09.2025
9	Akshaya.R	Infosys springboard	3 months	04.11.2025	10.01.2026
10	Deepa.I	AAM India Manufacturing Corporation Pvt. Ltd.	1 month	20.08.2025	12.09.2025

Batch (2023 - 2027)

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From Date	End Date
1	Ashwin.N	Puducherry Police – Cyber Crime Police Station, Puducherry	22 Days	08.08.2025	30.08.2025
2	Jithin Prakash.S	Puducherry Police – Cyber Crime Police Station, Puducherry	22 Days	08.08.2025	30.08.2025
3	JayaSurya Murthy.D	Puducherry Police – Cyber Crime Police Station, Puducherry	22 Days	08.08.2025	30.08.2025
4	Goutham.A	Puducherry Police – Cyber Crime Police Station, Puducherry	22 Days	08.08.2025	30.08.2025

5	Surya Narayana.P	Puducherry Police – Cyber Crime Police Station, Puducherry	22 Days	08.08.2025	30.08.2025
6	Kiyshor.K	Puducherry Police – Cyber Crime Police Station, Puducherry	22 Days	08.08.2025	30.08.2025
7	Akshaya.T	Retech Solution pvt lid, chennai	1 Month	08.12.2025	08.01.2026
8	Deepak.S	Genesys Research and AI Labs(GRAIL)	11 Days	08.12.2025	19.12.2025
9	Selvendrane.K	Technosprint Info Solutions	10 Months	03.11.2024	05.09.2025
10	Yamini.S	Technosprint Info Solutions	11 Months	03.02.2025	11.01.2026

Batch (2024 - 2028)

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration		
1	Sivaranjani.K	Technosprint Info Solutions	9 months	15.03.2025	26.11.2025
2	Fazeela.M	Technosprint Info Solutions	9 months	17.03.2025	30.11.2025
3	Keerthi Priya.S	Technosprint Info Solutions	6 months	02.06.2025	24.11.2025
4	Nithesh.K	Technosprint Info Solutions	9 months	16.03.2025	25.11.2025
5	Hariharan.B	Technosprint Info Solution	9 months	03.06.2025	present
6	Sakthivel.N	Technosprint Info Solution	8 months	10.04.2025	25.11.2025

6.2 Sponsored/Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry/ Research Institute / Partnering Institution	Duration of the Project (Months)
Nil				

6.3 Industrial Visits

S.No	Name of the Industry / Company Research Institute	Date of Visit	Target Audience	Number of Students Participated
Nil				

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry/ Company/ Research Institute	Date of Commencement	Purpose	Duration
Nil				

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	**17**
Number of Students opted Higher Studies	**01**
Number of Entrepreneur	**01**

7.1 Placements

Batch (2021 - 2025)

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	Deivanai K	CTS	4.01 LPA
2	Fabian Dinesh A	TCS	3.45 LPA
3	Hrithika Kristein.A	Hexaware	4 LPA
4	Kabilan M	Hexaware	4 LPA
5	Keerthika K	TCS	3.45 LPA
6	Kiruthiga R	Hexaware	4 LPA
7	Kubendiran KB	TCS	3.45 LPA
8	Mogesh N	Hexaware	4 LPA
9	Naren Karthik S	TCS	3.45 LPA
10	Parthiban K	TCS	3.45 LPA
11	Rakesh K	TCS	3.45 LPA
12	Saakshi Jain A	Hexaware	4 LPA
13	Sowndarya M	TCS	3.45 LPA
14	Sridevi S	Hexaware	4 LPA
15	Sridevi S	TCS PEGA	3.95 LPA
16	Surannagari Venkata Govardhan Kumar Reddy	TCS	3.45 LPA
17	Surender M	TCS	3.45 LPA
18	Umar Sheik	TCS	3.45 LPA
19	Vijayaraja.S	TCS PEGA	3.95 LPA
20	Vishnupriya M S	TCS	3.45 LPA
21	Jeevitha.K	Infiniti Software Solution	4 LPA
22	Abinaya S	Delphi TVS	2 LPA
23	Giridharan S	Delphi TVS	2 LPA
24	Jeevitha K	Delphi TVS	2 LPA
25	Keerthivasan.R	Delphi TVS	2 LPA
26	Naresh S	Delphi TVS	2 LPA
27	Navaneeth Vishva M	Delphi TVS	2 LPA
28	Nishaa.A	Delphi TVS	2 LPA
29	Praveena K	Delphi TVS	2 LPA
30	S.J.Sivaprrasath	Delphi TVS	2 LPA
31	Sreekishore R	Delphi TVS	2 LPA
32	Vigneshwaran M	Delphi TVS	2 LPA
33	Sreekishore	UST	4 LPA

Batch (2022- 2026)

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	Hariprasath.K.A	TATA ELXSI	7LPA
2	Ashok Kumar.S	CTS GencNxt	6.75LPA
3	Srimathi	CTS GencNxt	6.75LPA
4	Srivarshini.D	Societe Generale	5.5LPA
5	Balaji.M	CTS Genc	4LPA
6	Harikrishnan.A	CTS Genc	4LPA
7	Sanjai.M	CTS Genc	4LPA
8	Sunil Kumar.B	CTS Genc	4LPA
9	Arulkumaran.S	TCS Ninja	3.36 LPA
10	Sharan.S	TCS Ninja	3.36 LPA
11	Hariprasath.K.A	TCS Ninja	3.36 LPA
12	Poonguzhali.S	TCS Ninja	3.36 LPA
13	Sharmilaa.R	TCS Ninja	3.36 LPA
14	Gayathri.R	TCS Ninja	3.36 LPA
15	Nasrin Banu.N	TCS Ninja	3.36 LPA
16	Srimathi	Hexaware Technologies	4 LPA
17	Leona.P	Athena	3 LPA

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted
1	Vijayaraja.L	University of Monash, Melborne, Australia	MS(AI)
2	Revanth D	Puducherry Technological University	M.Tech(Data Science)
3	Sivaprrasath S J	Pondicherry University	M.Tech(Data Science & AI)

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	Varun Krishna.S	Beasova	Service	32, 1st street Thirumudinagar, Pondicherry 605001.

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THEDEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under (Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
1	One-Day Seminar on "Innovation in AI and Cyber-Physical Systems: Revolutionizing Educational Robotics"	Mr.M.Ashokkumar Founder & Director Praya Labs Tiruvannamalai	30/06/2025	State	58
2	A Hands-on Workshop with ChatGPT and	Ms.Devasena Balachander CEO & Founder	10/07/2025 & 11/07/2025	State	58

	Generative AI	SAB Consultancy Services & Team			
3	one-day seminar titled "Startup Ignition: LEAN Methods & Minimum Viable Product Design	Mr.R.Vengat Rahul Researcher Meister Gen-Technologies IIT Madras	11/08/2025	State	58
4	Guest Lecture on"Transforming Ideas to Project and Funding Opportunities"	Dr.A.Rajesh Associate Professor School of EEE SASTRA University	20/08/2025	State	116
5	Guest Lecture on "Federated Learning in Distributed Internet of Things"	Mr.V.Ariharan Senior Web Developer Analyst Accenture	30/08/2025	State	57

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized by	Date of Event	Level (State / National / International)	No. of Participants
1	55th ISTE National Annual Faculty Convention Theme Reimagining Education 5.0 Emerging Technology for a Sustainable Future	Sri Manakula Vinayagar Engineering College, Puducherry	29/11/2025 to 30/11/2025	National	3

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1	Swetha.K Punithavathi.S	National Level Project Competition 2k25, Velammal Institute of Technology, Chennai Technical Project/Hackathon	Velammal Institute of Technology, Chennai	Participated
2	Theepatharan.J Ajay Subhash Raj .A Ragul Balaj .E Eswar S.A	U & Me Hackathon, CIT Coimbatore Technical Project/Hackathon	Coimbatore Institute of Technology, Coimbatore	Participated
3	Selvendrane K Sri Ram S Purushoth A Maheshwaran S	U & Me Hackathon CIT Coimbatore Technical in Project/Hackathon	Coimbatore Institute of Technology, Coimbatore	Participated
4	Yuvaraj S Deepak S	U&Me Hackathon CIT Coimbatore Technical in Project/Hackathon	Coimbatore Institute of Technology, Coimbatore	Participated

5	Barhaniselvan.K Darshan.K Sivaranjani.K Nithish.K Niteshwar.P Lokit Prabha.S.P	Innovators Day 2025	Sri Manakula Vinayagar Engineering College. Puducherry	Participated
6	Sivaranjani.K	IIC Regional Meet 2025	Xavier Engineering College, Tirunelveli	Participated
7	Sakthivel.N	Viksit Bharat Young Leaders Dialogue 2026	Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	Participated

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
NIL		

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1.	Mrs.T. Sivaranjani	IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA 2025) 5th to 6th June 2025

9.4 Awards / Prizes and Recognition received by teachers at University, State, National and International level

S.No	Name of the Faculty	Name of Awards / Recognition
1.	Mrs.T.Sivaranjani	Awarded for Successfully Completing the Course Python for Data Science from Infosys/Springboard on 29th June 2025

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	Dr.R.Saravanan	Five-day FDP (Virtual Mode) on "Recent Trends and Emerging Technologies in Computer Science: Innovations, Applications and Research Perspective"	St. Joseph's College, Kovur, Chennai	5
		Virtual National Level FDP on "Artificial Intelligence for Teaching Pedagogy"	Seshadripuram Degree College (IQAC & IIC) Mysore	1
		Seven Days FDP on The Gen Z Effect: Innovation, Impact and the Future of Industry	Star International Foundation for Research and Education Tiruchengode	7

		Five Days National Virtual FDP on "Challenges and Issues of Applying Recent Tools and Techniques in Teaching and Research Pedagogy"	St. Joseph's College, Kovur, Chennai	5
		MongoDB Academic Summit 2025	ICT Academy in Radisson Blu Hotel & Suites GRT Chennai	1
		One day webinar on HEI Accreditation – Outcome Based Education – Best Practices	ISDE Academy India Private Limited Chennai	1
2	Mrs.T. Sivaranjani	Five days FDP on Intelligent Industrial Automation	Velammal Institute of Technology Chennai	5
		Five days FDP on Design Thinking & Innovation for Engineering Interdisciplinary Academics	Dhaanish Ahmed Institute of Technology & University of Edenberg	5
		Five days FDP on Fundamentals and Applications of Edge Computing Using Jetson Orin Nano as Edge Device	Sri Sairam College of Engineering, Chennai	5
3	Mr.J.Saravanan	Two Days Workshop on" Teaching Excellence"	MVIT Puducherry	2
		One week FDP on "Microsoft Azure AI Engineer Associate"	Sri Venkateshwaraa College of Engineering & Technology Puducherry	5
4	Mrs.T.Vijayalakshmi	Five days FDP on Design Thinking & Innovation for Engineering Interdisciplinary Academics	Dhaanish Ahmed Institute of Technology & University of Edenberg	5
		One day National level FDP on Advancement's in Communication Engineering Technologies with simulation Tools	Krishnasamy college of engineering & technology, Cuddalore	1
		Six days FDP on Emerging Trends and Challenges in Cyber Security	Guru Nanak Institute of Technology, Hyderabad	6
		One Day IIC Regional Meet 2025 MoE's Innovation Cell, AICTE	Xavier Engineering College, Tirunelveli	1
		One day webinar on HEI Accreditation – Outcome Based Education – Best Practices	ISDE Academy India Private Limited Chennai	1

9.6 Best Practices followed by the Department.

S.No	Best Practice	Description
1	Innovative Teaching–Learning Methods	Adopting interactive techniques such as case studies, demonstrations, and technology-enabled learning to enhance student understanding and engagement.
2	Project-Based Learning	Encouraging students to work on real-world projects to apply theoretical knowledge and develop problem-solving and practical skills.

9.7 List three distinguished alumni of the department from the recent passes-out batch.

S.No	Name of the Alumni	Contact Details
1	Kubendiran K B	9787253288
2	Sridevi S	9790652994
3	Vishnupriya M S	8525017092

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department
Dr.R.Saravanan

Recommendations:

Criteria	Remarks
Curricular Aspects	Good
Teaching, Learning and Evaluation	Good.
Structured Feedback	Good.
Research, Innovation and Publications	Needs Improvement
Collaborations and Linkages	Needs Improvement
Student Progression	Good.
Activity Conducted / Organized by the Department	Good.
Achievements	Good.
General Remarks	-

Dr.L.Martin
Associate Professor
Department of Mechanical Engineering,
Sri Manakula Vinayagar Engineering College

Dr.M.Shanmugam,
Associate Professor
Department of Computer Science and Engineering,
Sri Manakula Vinayagar Engineering College

ACADEMIC AND ADMINISTRATIVE AUDIT

SCHOOL OF ARCHITECTURE

ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENTS
Academic Year: 2025-2026
INTERNAL AUDIT

SECTION –1: BASIC INFORMATION

Audit Date	14.03.2026			
Name of the Department	SCHOOL OF ARCHITECTURE			
Year of Establishment	2017			
Head of the Department	Ar.S. Manoharan			
Programs Offered	Name of the Program		Approved Intake	
	U. G Program -B.Arch.		40	
Programs Discontinued if any	Nil			
Number of full time Teachers	Designation	Available	Sanctioned	Filled
	Professor	2	2	2
	Associate Professor	3	3	3
	Assistant Professor	10	10	10
Number of Technical Staff				
Number of Students	For UG:			

Year	M	F	Total
First Year	16	16	32
Second Year	11	11	22
Third Year	06	13	19
Fourth Year	13	13	26
Fifth Year	09	07	16
Total	55	59	115

For PG:

Year	M	F	Total
First Year			
Second Year			
Total			

Faculty Student Ratio	For UG - 1:10	For PG ------:

SECTION –2: CURRICULAR ASPECTS

2.1. Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	**Yes**	
2	Faculty Subject Preferences	**Yes**	
3	Elective choices from the students	**Yes**	
4	Course allotment to the faculty	**Yes**	
5	Time Table (UG and PG)	**Yes**	
6	Lesson plan for each course	**Yes**	

2.2. Curriculum/syllabus revision

S.No	Program Name	Regulation	Last Revised on
1	B.Arch	2023	24.03.2025

Summary of changes in Curriculum/syllabus

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus
R2020 – Curriculum has concentrated more on Theory part of Architecture courses	R2023 – Curriculum has concentrated more on Studio Courses, Theory cum Studio courses is converted as Studio Course's.(By considering Practical Industry needs)
R2020 - Professional Elective Courses has 3 options in each Elective.	R2023 - Professional Elective Courses has 4 options in each Elective. (Introduced 1 extra Courses in all the Professional Elective courses)

2.3. List of Professional Elective Courses offered by the department

ODD SEM

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1	III / V	Vernacular Architecture	U23EL0501	19
2	IV / VII	Energy Efficient Architecture	U20EL0713	24
3	IV / VII	Sustainable Architecture and Planning	U20EL0717	24
4	V / IX	Architectural Photography and Journalism	U20EL0920	16

2.4. List of Open Elective Courses offered by other department

ODD SEM

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
NIL					

2.5. List of Skill Development Courses offered by the department

ODD SEM

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	I / I	Fundamental Arts Studio	U23TS0103	32
2	I / I	Communication English	U23TS0102	32
3	I / I	Fundamental Design Studio	U23ST0105	32
4	V / IX	Architectural Photography and Journalism	U20EL0920	16

2.6. List of Certification Courses offered by the department.

ODD SEM

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1.	III/V	Modern Indian Architecture	-	19
2.	III / V	Autocad Architecture	-	19

2.7. List of Mandatory Courses offered by the department

ODD SEM

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
NIL				

2.8. List of Add-on/Value Added/MOOC Courses conducted by the department

S.No	Year / Sem	Name of the Course	Course Code	Number of Students Registered	Number of Students Successfully Completed
1	II / III	Advance Building Materials	-	22	
2	IV/ VII	Sustainable Architecture Practices	-	25	

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

ODD SEM

I Year / I Semester/ 2025 – 2030

S.No	Course Title	Course Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Mathematics	U23TH0100	Mrs.R.Chandra Prabha	45	45	45
2	Introduction to Architecture	U23TH0101	Ar.K.Gokul Kalaimathi	45	45	45
Theory cum Studio						
3	Communication English	U23TS0102	Dr.D.Jayachithra	60	60	60
Studio						
4	Fundamental Art Studio	U23ST0103	Ar.B.Kanimozhi	90	90	90
5	Introduction to Graphics	U23ST0104	Ar.S.Harshini	90	90	90
6	Fundamental Design Studio	U23ST0105	Ar.B.Kanimozhi	90	90	90

II Year / III Semester / 2024-2029

S.No	Course Title	Course Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Structural Analysis of Beams and Columns	U23TH0312	Mrs.A.Kalyani	60	60	60
2	History of Indian and Islamic Architecture	U23TH0313	Ar.K.Gokul Kalaimathi	45	45	45

Theory cum Studio						
3	Surveying and Site Analysis	U23TS0314	Ar.M.Prithiviraj	60	60	60
4	Climate responsive Architecture	U23TS0315	Ar.R.Ragavendira	60	60	60
Studio						
5	Building Materials and Construction	U23ST0316	Ar.R.Ragavendira	75	75	75
6	Rural Architectural Design Studio	U23ST0317	Ar.T.Mugesh	210	210	210

III Year / V Semester / 2023-2028

S.No	Course Title	Course Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Design of Structural Members	U23TH0524	Mrs.J.Jayapriya	60	60	60
2	History of Modern, Post Modern and Contemporary Architecture	U23TH0525	Ar.B.Kanimozhi	45	45	45
3	Vernacular Architecture (Professional Elective-I)	U23EL0501	Ar.B.Kanimozhi	45	45	45
Theory Cum Studio						
4	Services on Electricity and Acoustics	U23TS0526	Ar.T.Mugesh	60	60	60
Studio						
5	Concrete in Building Construction	U23ST0527	Ar.R.Poornima	75	75	75
6	Urban Mixed use Design Studio	U23ST0528	Ar.S.Harshini	210	210	210

IV Year / VII Semester / 2022 – 2027

S.No	Course Title	Course Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Professional Practice and Ethics	U20TH0733	Ar.T.Mugesh	45	45	45
2.	Landscape and Ecology	U20TH0734	Ar.S.Harshini	45	45	45
3.	Energy Efficient Architecture	U20EL0713	Ar.T.Mugesh	45	45	45
4.	Sustainable Architecture and Planning	U23EL07170	Ar.R.Poornima	45	45	45
Theory Cum Studio						
5.	Building Services - III	U20TS0735	Ar.K.Gokul Kalaimathi	60	60	60
Studio						

6.	Architectural Design Studio - VI	U20ST0736	Ar.R.Poornima	240	240	240

V Year / IX Semester / 2021 - 2026

S.No	Course Title	Course Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Human Settlement and Planning	U20TH0938	Ar.B.Kanimozhi	45	45	45
2	Urban Design	U20TH0939	Ar.M.Prithiviraj	45	45	45
3	Urban Housing	U20TH0940	Ar.S.Manoharan	45	45	45
4	Architectural Photography and Journalism	U20EL0920	Ar.R.Ragavendira	45	45	45
			Studio			
5	Urban Design Studio	U20ST0941	Ar.M.Prithiviraj	240	240	240

3.2 Use of ICT Tools in Teaching Learning

ODD SEM

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Ar.K.Gokul Kalaimathi	Introduction to Architecture	PPT
2.	Ar.K.Gokul Kalimathi	History of Indian and Islamic Architecture	PPT
3.	Ar.M.Prithiviraj	Surveying and Site Analysis	PPT / Videos
4.	Ar.R.Ragavendira	Climate responsive Architecture	PPT / Videos
5.	Ar.B.Kanimozhi	History of Modern, Post Modern and Contemporary Architecture	PPT
6.	Ar.B.Kanimozhi	Vernacular Architecture (Professional Elective-I)	PPT
7.	Ar.T.Mugesh	Services on Electricity and Acoustics	PPT / Videos
8.	Ar.T.Mugesh	Professional Practice and Ethics	PPT
9.	Ar.S.Harshini	Landscape and Ecology	PPT / Videos
10.	Ar.T.Mugesh	Energy Efficient Architecture	PPT / Videos
11.	Ar.R.Poornima	Sustainable Architecture and Planning	PPT
12.	Ar.K.Gokul Kalaimathi	Building Services - III	PPT / Videos
13.	Ar.B.Kanimozhi	Human Settlement and Planning	PPT
14.	Ar.M.Prithiviraj	Urban Design	PPT
15.	Ar.S.Manoharan	Urban Housing	PPT

16.	Ar.R.Ragavendira	Architectural Photography and Journalism	PPT / Videos

3.3 List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1.	Understanding Urban Design Layers and Placemaking Strategies	Ar.Koushik Narayanan	June-23 , 2025	16 (Final Year Students)
2.	Visual Narratives - Illustration Workshop	Ar.Nandhakumar & Ar.Yogesh	Aug 28 &29 2025	III&II Year
3.	Beyond the blue print	Mr.Rajesh Artist	Nov – 11. 2025	(IYear Students) 32
4.	Metamorphic Form Exploration	Ar.Rinku Sreedhar	08.11.2025	I year 32
5.	Putty Art Workshop	Er.Mononmaniyam	25.10.2025	(IYear Students) 32
6.	Integrating Landscape and Ecology in Site Planning	Ar.A.Vigneshwaran	11.07.2025	II &III year 45

3.4 Activities for Slow and Advanced Learners

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
II Year / III Semester /					
1.	U23TS0314/ Surveying and site analysis	Ar.M.Prithiviraj	Yes	2	Yes
III Year / V Semester /					
1.	U23TS0526/	Ar.T.Mugesh	Yes	2	Yes
IV Year / VII Semester /					
1	U20EL0710/ Energy efficient architecture	Ar.T.Mugesh	Yes	2	Yes
2	U20TH0733/Professional practice and ethics	Ar.T.Mugesh	Yes	2	Yes

3.5 Counseling and Mentoring

No. of Students in Department	Number of Mentors in the Department	Mentor: Mentee Ratio
115	9	1:13

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor allocation	Yes	
2	Class wise student profile record maintained.	Yes	
3	Mentor–mentee session record maintained.	Yes	

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio

115	15	1:13

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous assessment examination conducted as per the academic calendar	Yes	-
2	Are proper evaluation methods used for courses such as Employability Enhancement Courses, mandatory courses etc.,	Yes	-
3	Details of internal marks awarded	Yes	-
4	Any grievances raised in internal evaluation?	Yes	-

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	
2	Correlation of COs with POs and PSOs for each course available	Yes	
3	Course Exit survey conducted	Yes	
4	Course Outcome Attainment Calculated	Yes	
5	Corrective Action Suggestion available for the courses where CO target is not attained	Yes	
6	Program exit survey conducted	Yes	
7	PSO and PO attainment through CO	Yes	
8	Corrective Action Suggestion available where PO target is not attained	Yes	

3.8 Student Performance in End Semester Examination

EVEN SEMESTER

I Year / I Semester / A Section

Sr. No	Particular	B.Arch	M. Tech
1	Number of Students appeared	32	
2	Number of All Clear Students	26	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	6	
7	Passing Percentage	81.5	

II Year / III Semester / A Section

Sr. No	Particular	B.Arch	M. Tech
1	Number of Students appeared	22	
2	Number of All Clear Students	19	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	3	
7	Passing Percentage	86	

III Year / VI Semester / A Section

Sr. No	Particular	B.Arch	M. Tech
1	Number of Students appeared	19	
2	Number of All Clear Students	18	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	1	
7	Passing Percentage	94	

IV Year / VIII Semester / A Section

Sr. No	Particular	B.Arch	M. Tech
1	Number of Students appeared	25	
2	Number of All Clear Students	21	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	4	
7	Passing Percentage	84	

V Year / IX Semester / A Section

Sr. No	Particular	B.Arch	M. Tech
1	Number of Students appeared	16	
2	Number of All Clear Students	15	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	1	
7	Passing Percentage	93.7	

3.9 Student Performance of Outgoing Students

Sr. No	Particular	UG	PG
1	Number of outgoing students	24	-
2	Number of students successfully completed the program	24	-
3	Number of students completed the program with no backlogs	-	-
4	Number of students completed the program with backlogs	-	-

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Academic expert feedback on curriculum with analysis and action taken report	Yes	7	
2	Employer feedback on curriculum with analysis and action taken report	Yes	7	
3	Teacher feedback on curriculum with analysis and action taken report	Yes	7	
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes	25	
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	20	
6	Alumni feedback on curriculum with analysis and action taken report	Yes	56	
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	102	
8	Graduate (program) Exit Survey with analysis and action taken report	Yes	10	

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No.	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
NIL					

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
1	Ar.R.Ragavendira	Design Consultancy	Takshashila_University	300000	2 Months

5.3 Faculty Publications (faculty-wise list)

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in	Scopus, Web of Science	Total Number of	H-index	Impact Factor range /

		peer reviewed Journals	Indexing Papers	Citations		Average Impact Factors
NIL						

Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	1
Number of Publications in International Journals	-
Number of Publications in National Conferences	-
Number of Publications in International Conferences	-
Number of Books / Book Chapters	2
Number of Patents (Filed)	-
Number of Patents Granted	-
Number of Design Patents (Filed)	-
Number of Design Patents Granted	-

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
1	Transforming Traditional Landscapes: The Interplay of Urbanization, Infrastructure, Tourism and Climate Change	Ar.R. Ragavendira, Associate professor., B.arch	International Journal of Architecture "IJA"	ISBN 2251 – 5799

International Journal

Academic Year					
Sl.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, Issue, pp, Year /ISSN	Indexing
NIL					

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
Nil						

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
Nil						

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1.	Sensorial architecture - A Paradigm Shift / Chapter 08 /Exploring technology in	Ar.R. Ragavendira, Associate professor., B.arch	ISBN 978-93-7020-103-3	IIP Iterative International Publishers

	architecture			
2	Unveiling sustainable Architecture design and planning Chapter-4: An overview of Agritecture – A Culture of blending Architecture and Agriculture	Ar.R. Ragavendira, Associate professor., B.arch	ISBN 979-8-89233-723-6	Notion Press

Design Patent

S.No	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No
Nil					

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
Nil						

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S. No	Name of the Students	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration		
			Duration	From	To
Nil					

6.2 Sponsored / Industry Projects

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
Nil				

6.3 Industrial Visit

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	Urban study – George town,Chennai	12.07.2025-16.07.2025	16	16
2	Rural study visit – Jalathur pollachi	12.07.2025 – 18.07.2025	22	22
3	IIM Bangalore campus study	20.07.2025	25	25
4	Case study- Tata and alliance group of apartments	12.07.2025	19	19
5	Dhakshin chitra and Alampara fort	13.11.2025	32	32

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	SRDESIGNS Architects and Construction	10.06.2025	Architecture Collaboration for Internship and Students Guideship	3 Years
2.	ATTIC STUDIOS	10.06.2025	Architecture Collaboration for Internship and Students Guideship	3 Years
3.	Le Arch Design Studio	10.06.2025	Architecture Collaboration for Internship and Students Guideship	3 Years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	11
Number of Students opted Higher Studies	07
Number of Entrepreneur	-

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (Lakhs/Annam)
1.	Abdul Aziz.M	Mansee pratap architects	2.5 Lakhs
2.	Haasim Imraan	S.T.A.A.P Architects, chennai	2.2 Lakhs
3.	Harish.V	23DC Architects, Jalandhar	4.5 Lakhs
4.	Harishyam.M	6th sense interiors and construction, chennai	2.5 Lakhs
5.	Mathevathanaa. C	SR Design and construction	3 Lakhs
6.	Mouhamad Shaadir Hussain.C	Home lane, interiors, Chennai	3 Lakhs
7.	Mouhamed Yaasirhassain.C	Home lane, interiors, Chennai	2.5 Lakhs
8.	Shree Nithi B S	SASW - banglore	2.5 Lakhs
9.	Shreyas Presannan	N&RD Design studio, Kochin	3 Lakhs
10.	Shri.B	Address of architects interior/Architects	2.6 Lakhs
11.	Souvmiya V R	Vihan builders, Pondicherry	2.5 Lakhs

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1.	Niranjan.M	SPA Vijayawada	M. Arch
2.	Ramyabharathi.G	VIT Vellore	M. Arch
3.	Dharakesh. S	VIT Vellore	M. Arch
4.	Kaniga.T	University of Canterbury	M.Sc/ M.Eng
5.	Sherlyn.J	MEASI Academy of architecture	M. Arch
6.	Rishitha Varnaa S	Mcgans school of architecture	M. Arch
7.	Abdul Haadi Mohamed	Qualified Ceed Exam	M.Des

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
Nil				

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under (Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	Visual Narratives	Ar.Nandhakumar &Ar.Yogesh	28.08.2025	State	45
2	MetamorphicExploration	Ar.Rinkyu Sreedhar	08.11.2025	State	32
3	Beyond the blueprint	Mr.R.Rajesh	11.11.2025	State	32
4	Putty Art Workshop	Er.Mononmaniyam	25.10.2025	State	32

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized under (Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
NIL					

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1	Deeptika (IV Year)	Quiz Competition – Design Conclave	SRM - University	1st Prize
2	Priyanka (IV Year)	Quiz Competition – Design Conclave	SRM - University	2nd Prize
3	Janani (IV Year)	Quiz Competition – Design Conclave	SRM - University	2nd Prize

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
Nil		

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers bodies

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
Nil		

9.4 Awards / Prizes and Recognitions received by teachers at University, State, National and International Level

S.No	Name of the Faculty	Name of Awards / Recognition
Nil		

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International Level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	Ar.M.Prithiviraj	Research Techniques, Statistics and Computer Applications	Nptel	12 Weeks
2	Ar.M.Prithiviraj	Urban Governance and Development Management (UGDM)	Nptel	12 Weeks
3	Ar.M.Prithiviraj	Architectural Approaches to Decarbonization of Buildings	Nptel	12 Weeks
4	Ar.T.Mukesh	Building a Resilient Infrastructure through Simulation and Research	Dr. M.G.R. Educational and Research Institute	5 Days
5.	Ar.T.Mukesh	GenAI for Teaching and Research	Service Setu Foundation	2 Days

9.6. Best Practices followed by the Department.

S.No	Best Practice	Description
1	Industry Interaction and Professional Exposure	Regular **guest lectures, workshops, and site visits** are conducted with practicing architects and industry experts. Internship programs and live projects bridge the gap between academia and practice.
2	Digital and Technological Integration	The department promotes proficiency in **CAD, BIM, parametric design, and visualization tools**. Students are trained in industry-relevant software to enhance employability.
3	Community Engagement and Social Responsibility	Students participate in **Rural development projects, Urban Design Projects, Documentation of heritage structures, and socially relevant design initiatives**, fostering ethical and contextual sensitivity.

9.7. List three distinguished alumni of the department from the recent passes-out batch.

S.No	Name of the Alumni	Contact Details

1	Harish.V	23DC Architects, Jalandhar
2	Niranjan.M	SPA Vijayawada
3	Kaniga.T	University of Canterbury

Declaration by Principal – SOA/SMVEC

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Principal

SOA - SMVEC

Recommendations:

Criteria	Remarks
Curricular Aspects	Documents available with necessary supporting evidence.
Teaching, Learning and Evaluation	verified.
Structured Feedback	Document are available with necessary supporting evidence.
Research, Innovation and Publications	Need to be concentrated more.
Collaborations and Linkages	verified.
Student Progression	verified.
Activity Conducted / Organized by the Department	verified. Documents are available with supporting evidence.
Achievements	verified
General Remarks	-

Name and Signature
Dr.Amalraj Victoire . T
Associate Professor, MCA / SMVEC

Name and Signature
Dr.D.Sivaraj
Associate Professor, EEE / SMVEC

ACADEMIC AND ADMINISTRATIVE AUDIT

MASTER OF COMPUTER APPLICATIONS

ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENTS
Academic Year (2025-2026)
Internal Audit

SECTION –1: BASIC INFORMATION

Audit Date	14/03/2026
Name of the Department	Master of Computer Applications
Year of Establishment	2002
Head of the Department	Mr.R.Ramakrishnan
Programs Offered	Name of the Program: MCA; Approved Intake: 180
Programs Discontinued if any	Nil
Number of full time Teachers	Professor: Available 02; Associate Professor: Available 05; Assistant Professor: Available 13 (Sanctioned / Filled blank)
Number of Technical Staff	01
Number of Students	For UG :**NIL** (Year / M / F / Total: First Year; Second Year; Third Year; Fourth Year; Total)
	For PG :MCA (Year / M / F / Total: First Year 85 / 90 / 175; Second Year 84 / 72 / 156; Total 169 / 162 / 331)
Faculty Student Ratio	For UG:Nil / For PG 1:15

SECTION –2: CURRICULAR ASPECTS

2.1Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	-
2	Faculty Subject Preferences	Yes	-
3	Elective choices from the Students	Yes	-
4	Course allotment to the Faculty	Yes	-
5	Time Table (UG and PG)	Yes	-
6	Lesson plan for each course	Yes	-

2.2 Curriculum/syllabus revision

S.No	Program Name	Regulation	Last Revised on
1	MCA	R2023	30/01/2026 BOS - 10

2.3 Summary of changes in Curriculum/syllabus

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus
Highlights of the Previous Curriculum (R-2023)	Highlight of the Curriculum – Revision (R-2026)
SEMESTER – I	
Financial Accounting for Management	Removed
-	Added Advanced Computer Networks theory
Mathematical Foundation and Computer Application	25 % of Syllabus has been modified in Mathematical Foundation and Computer Application
Advanced Operating Systems	25 % of Syllabus has been modified in Advanced Operating Systems
SEMESTER – II	
Object oriented Programming in C++	Removed
Object Oriented Programming Lab in C++	Removed
SEMESTER – III	
Technical Seminar and Report Writing Lab	Removed
-	Added Advanced Software Engineering Theory
-	Added - Machine Learning Using Python Lab
-	Added Advanced Software Engineering Lab
SEMESTER - IV	
Nil	

2.4 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
ODD /Sep(2025-Dec 2025)/Batch(2024-26)/ 3 Sem				
1	II/III	Professional Elective-2: **Data science in big data**	P23MCE301	98
2	II/III	Professional Elective-2: Cloud Computing and Big Data	P23MCE304	58

2.5 List of Open Elective Courses offered by Other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
NIL					

2.6 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
ODD/ Batch(2025-27)/I SEM/A ,B ,C SEC/(Oct2025-Jan 2026)				
1	Batch (2025-27) / I / I	Skill enhancement course I (English)	P23ENS101	175
2	Batch (2025-27) / I / I	Skill enhancement course II (Aptitude)	P23MCS104	175

2.7 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	I / I	Python Programming	P23MCC112	175
2	II / III	CCNA - 1 (Routing And Switching)	P23MCC307	156

2.8 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
NIL				

2.9 List of Add-on/Value Added/MOOC Courses conducted by the department

S.No	Year / Sem	Name of the Course	Course Code	Number of Students Registered	Number of Students Successfully Completed
nil					

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

I Semester : (Oct 2025– Jan2026) / Batch(2025-27) / A

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Mathematical Foundation Of Computer Applications /P23MAT107	Vasanth V	60	60	60
2	Problem Solving Using C /P23MCT101	P.Logaiyan	45	45	45

3	Advanced Data Base Management Systems / P23MCT102	ANANDARUPINI.E	45	45	45
4	Advanced Operating Systems /P23MCT103	NANDHINI.S	45	45	45
5	Accounting and Financial Management / P23MST115	Mr.B.Shanmugamani	45	45	45
PRACTICAL					
6	Advanced C Programming Lab / P23MCP101	P.Logaiyan	40	40	40
7	Advanced Database Management Systems Lab / P23MCP102	ANANDARUPINI.E	40	40	40
8	Operating Systems Lab /P23MCP103	NANDHINI.S	40	40	40
9	Skill Enhancement Course-I / P23ENS101	Mr.Antony Prasadh	40	40	40
10	Skill Enhancement Course-II (Aptitude) / P23MCS102	Vasanth V	40	40	40

I Semester : (Oct 2025 – Jan2026) /Batch(2025-27)/B

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Mathematical Foundation Of Computer Applications /P23MAT107	Mr. R. VIJAYAKUMAR	60	60	60
2	Problem Solving Using C /P23MCT101	DHANALAKSHMI.R	45	45	45
3	Advanced Data Base Management Systems / P23MCT102	V.Udhayakumar	45	45	45
4	Advanced Operating Systems /P23MCT103	SANGEETHA.J	45	45	45
5	Accounting and Financial Management / P23MST115	Ms.B.Sarulakshmi	45	45	45
PRACTICAL					
6	Advanced C Programming Lab / P23MCP101	DHANALAKSHMI.R	40	40	40

7	Advanced Database Management Systems Lab / P23MCP102	V.Udhayakumar	40	40	40
8	Operating Systems Lab /P23MCP103	SANGEETHA.J	40	40	40
9	Skill Enhancement Course-I / P23ENS101	Mr.Antony Prasadh	40	40	40
10	Skill Enhancement Course-II (Aptitude) / P23MCS102	Mr. R. VIJAYAKUMAR	40	40	40

I Semester : (Oct 2025 – Jan2026) /Batch(2025-27)/C

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Mathematical Foundation Of Computer Applications /P23MAT107	Mr. R. RAJESH	60	60	60
2	Problem Solving Using C /P23MCT101	Praveen kumar.D	45	45	45
3	Advanced Data Base Management Systems / P23MCT102	KARPAGAVALLI.R	45	45	45
4	Advanced Operating Systems /P23MCT103	P.Rajapandian	45	45	45
5	Accounting and Financial Management / P23MST115	Mr.B.Shanmugamani	45	45	45
		PRACTICAL			
6	Advanced C Programming Lab / P23MCP101	Praveen kumar.D	40	40	40
7	Advanced Database Management Systems Lab / P23MCP102	KARPAGAVALLI.R	40	40	40
8	Operating Systems Lab /P23MCP103	P.Rajapandian	40	40	40
9	Skill Enhancement Course-I / P23ENS101	Mr.John Basco	40	40	40
10	Skill Enhancement Course-II (Aptitude) / P23MCS102	Mr. R. RAJESH	40	40	40

III Semester : (July 2025-Oct 2025)/Batch(2024-26)/ 3 sem/A SEC

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Machine Learning / P23MCT302	UMASANKAR.K	45	45	45
2	Blockchain Technologies / P23MCT303	SANGEETHA.J	45	45	45
3	Advanced Java Programming / P23MCT301	R.Ramakrishnan	45	45	45
4	Mobile Application Development / P23MCT304	Dr.A.Karunamurthy	45	45	45
5	Elective Stream – 2 : Data Science in Big Data/ P23MCE301	Mrs.M.Vasuki	45	45	45
PRACTICAL					
6	Advanced Java Programming Lab/ P23MCP301	R.Ramakrishnan	40	40	40
7	Mobile Application Development Lab / P23MCP302	SUMATHY.S	40	40	40
8	Mini Project/ P23MCP303	Dr.A.Ramalingam Dr.T.Amalraj Vicoire	40	40	40
9	Technical Seminar And Report Writing / P23MCP304	Ms.A.GAYATHRI Mrs.R.KARPAGAVALLI.	40	40	40

III Semester : (July 2025-Oct 2025)/Batch(2024-26)/ 3 sem/ B SEC

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Machine Learning / P23MCT302	SUMATHY.S	45	45	45
2	Blockchain Technologies / P23MCT303	Dr.T.Amalraj Vicoire	45	45	45
3	Advanced Java Programming / P23MCT301	P.Rajapandian	45	45	45
4	Mobile Application Development / P23MCT304	E.Purushothaman	45	45	45
5	Elective Stream – 2 : Cloud Computing and Big Data / P23MCE304	NANDHINI.S	45	45	45
PRACTICAL					
6	Advanced Java Programming Lab/ P23MCP301	Mrs.M.Vasuki	40	40	40

7	Mobile Application Development Lab / P23MCP302	E.Purushothaman	40	40	40
8	Mini Project/ P23MCP303	Dr.A.Karunamurthy	40	40	40
9	Technical Seminar And Report Writing / P23MCP304	E.Anandarupini D.Praveen kumar	40	40	40

III Semester : (July 2025-Oct 2025)/Batch(2024-26)/ 3 sem/ C SEC

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Machine Learning / P23MCT302	V.Udhayakumar	45	45	45
2	Blockchain Technologies / P23MCT303	A.GAYATHRI	45	45	45
3	Advanced Java Programming / P23MCT301	Dr.A.Ramalingam	45	45	45
4	Mobile Application Development / P23MCT304	E.Subash	45	45	45
5	Elective Stream – 2 : Data Science in Big Data/ P23MCE301	Mrs.D.Poornima	45	45	45
PRACTICAL					
6	Advanced Java Programming Lab/ P23MCP301	K.Umasankar	40	40	40
7	Mobile Application Development Lab / P23MCP302	E.Subash	40	40	40
8	Mini Project/ P23MCP303	R.Ramakrishnan M.Vasuki	40	40	40
9	Technical Seminar And Report Writing / P23MCP304	Mrs.D.Poornima	40	40	40

3.2 Use of ICT Tools in Teaching Learning

Semester : I & III

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	V.Vasanth R.Vijayakumar R.Rajesh	Mathematical foundation of computer Applications /P23MAT107	PPT/Lecture Videos, Digital writing Board
2	P.Logaiyan R.Dhanalakshmi D.Praveenkumar	Problem solving using C/P23MCT101	PPT/Lecture Videos
3	E.Anandharupini V.Udhayakumar R.Karpagavalli	Advanced data base management systems/P23MCT102	PPT/Lecture Videos
4	S.Nandhini J.Sangeetha P.Rajapandian	Advanced operating systems/P23MCT103	PPT/Lecture Videos, Digital writing Board
5	B.Shanmugamani	Accounting and financial	PPT/Lecture Videos,

	B.Sarulakshmi	management/P23MST115	Digital writing Board
6	K.Umashankar S.Sumathi V.Udhayakumar	Machine Learning/ P23MCT302	PPT/Lecture Videos Digital writing Board
7	Dr.T.Amalraj Victoire J.Sangeetha A.Gayathri	Blockchain Technologies/ P23MCT303	PPT/Lecture Videos
8	Dr.A.Ramalingam R.Ramakrishnan P.Rajapandian	Advanced Java Programming/ P23MCT301	PPT/Lecture Videos, Digital writing Board
9	Dr.A.Karunamurthy E.Purushothaman E.Subash	Mobile Application Development / P23MCT304	PPT/Lecture Videos, Digital writing Board
10	M.Vasuki S.Nandhini	Elective Stream – 2 : Data Science in Big Data/ P23MCE301	PPT/Lecture Videos
11	D.Poornima	Elective Stream – 2 : Cloud Computing and Big Data / P23MCE304	PPT/Lecture Videos, Digital writing Board

3.3 List of Expert Lectures / Workshops Conducted :

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Emerging Technologies in the IT Industry	John de Brito R., Testing Engineer, TCS	24/07/2025	156
2	Web Development using jQuery and NoSQL (MongoDB)	Mr. Mohan Kumar, Technical Lead, HCL Technologies, Navalur, Chennai	12/08/2025	156
3	Cyber Security and Data Protection Techniques	Naresh A., System Engineer (SAP-ABAP), TCS, Siruseri, Chennai	05/09/2025	156
4	Introduction to Blockchain Technology and Applications	Ms. Harinarayani, SDET – Automation Tester, Zuci Systems, Chennai	22/09/2025	156
5	Fundamentals of Data Science and Analytics	Dr. Behin Sam, PG & Research Dept. of Computer Science, Dr. Ambedkar Arts College (Autonomous), Chennai	10/10/2025	156
6	Machine Learning Algorithms using Python	Ilambarithi R., Head – Graphics Designer, RR Donnelley, Chennai	05/11/2025	175
7	Applications of Machine Learning and IoT	Mr. Subbiya, Dynamic Networking Institute, Pondicherry	25/11/2025	175
8	Modern Web Development using Angular and React	Montfort Lawrence A., Software Developer, Integra, Pondicherry	12/12/2025	175
9	Version Control and Collaboration using GitHub	Nirmalaeswaran P., Director & Co-Founder, Red Fox Education	05/01/2026	175
10	Software Testing using Selenium Automation Tool	Mr. Tamizharasan V., Program Lead, CTS, Chennai	15/01/2026	175
11	Introduction to Big Data and Cloud Computing	Prof. Dr. R. Ramadoss, NIT Trichy	20/01/2026	175

Workshop				
S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Introduction to Python Programming and R Tools	Nirmalaeswaran P., Director & Co-Founder, Red Fox Education	05/08/2025	156
2	Emerging Trends in Java Full Stack Development	Thamizharasan K., Senior Team Head, CTS, Chennai	18/10/2025	156
3	Machine Learning using Python	Mr. J. Udayakumar, Founder & CEO, Genesys Academy of Computer Science, Pondicherry	22/11/2025	175
4	Full Stack Web Development using MERN Stack	Mr. Suresh Kumar, Senior Software Developer, Zoho Corporation, Chennai	12/12/2025	175

Semester: I

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
ODD / (Oct 2025 – Jan 2026) I Year / I SEM (2025-2027)					
1	Mathematical foundation of computer Applications/P23MAT107	V.Vasanth R.Vijayakumar R.Rajesh	Yes	3	Yes
2	Problem solving using C/P23MCT101	P.Logaiyan R.Dhanalakshmi D.Praveenkumar	Yes	2	Yes
3	Advanced data base management systems/P23MCT102	E.Anandharupini V.Udhayakumar R.Karpagavalli	Yes	2	Yes
4	Advanced operating systems/P23MCT103	S.Nandhini J.Sangeetha P.Rajapandian	Yes	2	Yes
5	Accounting and financial management/P23MST115	B.Shanmugamani B.Sarulakshmi	Yes	3	Yes
II year / III SEM / Batch (2024-2026)/July 2025 –Oct 2025)					
1	Machine Learning/ P23MCT302	K.Umashankar S.Sumathi V.Udhayakumar	Yes	3	Yes
2	Blockchain Technologies/ P23MCT303	Dr.T.Amalraj Victoire J.Sangeetha A.Gayathri	Yes	2	Yes
3	Advanced Java Programming/ P23MCT301	Dr.A.Ramalingam R.Ramakrishnan P.Rajapandian	Yes	2	Yes

4	Mobile Application Development / P23MCT304	Dr.A.Karunamurthy E.Purushothaman E.Subash	Yes	2	Yes
5	Elective Stream – 2 : Data Science in Big Data/ P23MCE301	M.Vasuki S.Nandhini	Yes	2	Yes
6	Elective Stream – 2 : Cloud Computing and Big Data / P23MCE304	D.Poornima	Yes	2	Yes

3.5 Counseling and Mentoring:

S.No	Particular	Yes / No	Remarks (if any)

No. of Students in Department	Number of Mentors in the Department	Mentor : Mentee Ratio
331	20	1:16

1	Mentor allocation	Yes	
2	Class wise student profile record maintained.	Yes	
3	Mentor–mentee session record maintained.	Yes	

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous assessment examination conducted as per the academic calender	Yes	
2	Is proper evaluation methods used for courses such as Employability Enhancement Courses, mandatory courses etc.,	Yes	
3	Details of internal marks awarded	Yes	
4	Any grievances raised in internal evaluation?	-	

3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	
2	Correlation of COs with POs and PSOs for each course available	Yes	
3	Course Exit survey conducted	Yes	
4	Course Outcome Attainment Calculated	Yes	
5	Corrective Action Suggestion available for the courses where CO target is not attained	Yes	
6	Program exit survey conducted	Yes	
7	PSO and PO attainment through CO	Yes	
8	Corrective Action Suggestion available where PO target is not attained	Yes	

3.8 Student Performance in End Semester Examination

Semester III /Batch(2024-2026)/156 students

Sr. No	Particular	PG
1	Number of Students appeared	156
2	Number of All Clear Students	144
3	Number of Students passed with Distinction	114
4	Number of Students passed with First Class	30
5	Number of Students passed with Second Class	Nil
6	Number of Students Failed	12
7	Passing Percentage	92.30

3.9 Student Performance of Outgoing Students

Sr. No	Particular	PG
1	Number of outgoing students	151
2	Number of students successfully completed the program	151
3	Number of students completed the program with no backlogs	151
4	Number of students completed the program with backlogs	nil

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Academic expert feedback on curriculum with analysis and action taken report	Yes	10	
2	Employer feedback on curriculum with analysis and action taken report	Yes	10	
3	Teacher feedback on curriculum with analysis and action taken report	Yes	10	
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes	10	
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	10	
6	Alumni feedback on curriculum with analysis and action taken report	Yes	10	
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	10	
8	Graduate (program) Exit Survey with analysis and action taken report	Yes	25	

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
Nil					

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
Nil					

5.3 Faculty Publications (faculty-wise list)

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors
1	2025-2026	Karunamurthy, A. Distributed attention synchronization networks for advanced social media interaction analytics. Sci Rep 16, 1275 (2026). https://doi.org/10.1038/s41598-025-30959-6	SCI	2	-	4.8
2.	2024-2025	Karunamurthy, A An optimal federated learning-based intrusion detection for IoT environment	SCI	49	4	4.8
3	2023-2024	Karunamurthy, A Efficient Task Scheduling in Cloud Computing: A Multiobjective Strategy Using Horse Herd–Squirrel Search Algorithm	SCI	11	1	3.6
4	2025-26	**Vasuki M, V., et.al., (2025). BioSensor integrated ensemble clustering-based lung cancer detection using improved weighted quantum wolf optimization with deep faster recurrent convolutional neural networks. Traitement du Signal, Vol. 42, No. 5, pp. 2995-3010. https://doi.org/10.18280/ts.420547**	WOS	10	3	1.7
5	2022-23	Jaikumar Shanmuganathan 1, Aruldoss Albert Victoire 1,* , Gobu Balraj 2 and **Amalraj Victoire** 3,Deep Learning Lstm Recurrent Neural Network Model For Prediction Of Electric Vehicle Charging Sustainability , 14(16), 10207;**2022**: 1-28 HTTPS://DOI.ORG/10.3390/SU141610207 **(SCI)**	SCI	17	3	
6	2022-23	Gobu Balraj1, Aruldoss Albert VictoireID1*, Jaikumar S.2, **Amalraj Victoire3**Variational Mode Decomposition Combined Fuzzy—Twin	SCI	10	2	2.9

		Support Vector Machine Model With Deep Learning For Solar Photovoltaic Power Forecasting,				

Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	nil
Number of Publications in International Journals	06
Number of Publications in National Conferences	03
Number of Publications in International Conferences	03
Number of Books / Book Chapters	05
Number of Patents (Filed)	04
Number of Patents Granted	nil
Number of Design Patents (Filed)	nil
Number of Design Patents Granted	nil

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
Nil				

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	Distributed attention synchronization networks for advanced social media	A.Karunamurthy	Springer Nature	2045-2322	-
2	An optimal federated learning-based intrusion detection for IoT environment	A Karunamurthy, K Vijayan, Pravin R Kshirsagar, Kuan Tak Tan	Springer Nature	2045-2322	49
3	Efficient Task Scheduling in Cloud Computing: A Multiobjective Strategy Using Horse Herd–Squirrel Search Algorithm	A. Karunamurthy, C. H. Hussaian Basha, S. Senthilkumar	Wily publications	2050-7038	11
4	BioSensor integrated ensemble clustering-based lung cancer detection using improved weighted quantum wolf optimization with deep faster recurrent convolutional neural networks. Traitement du Signal	M. Vasuki	Traitement du Signal	1958-5608	-
5.	Deep Learning Lstm Recurrent Neural Network Model For Prediction Of Electric Vehicle Charging Sustainability	Jaikumar Shanmuganathan 1, Aruldoss Albert Victoire 1,* , Gobu Balraj 2 and **Amalraj Victoire**	MDPI	**2071-1050**	10
6.	Variational Mode	Gobu Balraj1, Aruldoss	Plose one	**1932-6203**	17

	Decomposition Combined Fuzzy—Twin Support Vector Machine Model With Deep Learning For Solar Photovoltaic Power Forecasting,	Albert VictoireID1*, Jaikumar S.2, **Amalraj Victoire3**			

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1.	AI-Driven Green Networking in 6G IoT: A Path Towords Net-Zero	Dr.A.Karunamurthy, V.Udhayakumar , P.Rajapandian, B.Mohana priya	Artificial Intelligence for Internet of things	12th-14th November 2025	978-81-994081-9-7	ATAL Vani MIT-puducherry
2.	IoT-Based Remote Diabetes patient Monitoring with Machine Learning prediction	M.Vasuki, Dr.T.Amalrajvictoire, P.Logaiyan, G.Revathi	Artificial Intelligence for Internet of things	12th-14th November 2025	978-81-994081-9-7	ATAL Vani MIT-puducherry
3.	The convetgence of Artificial intelligence and the Internet of Things:A Paradigm shift to Intelligence Edge computing	Dr.T.Amalrajvictoire, M.Vasuki, P.Logaiyan, S.Salamon,	Artificial Intelligence for Internet of things	12th-14th November 2025	978-81-994081-9-7	ATAL Vani MIT-puducherry

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	6G and IoT: A Future of Ultra-Low Latency and Hyperconnectivity	A. Karunamurthy et al.	Proceedings of the 2025 International Conference on Emerging Technologies in Engineering Applications	2025 International Conference on Emerging Technologies in Engineering Applications (ICETEA)	979-8-3315-1485-3	IEEE
2	Multimodal Deep Learning for Precise Lung Pathology Discrimination	R. Sathishkumar, A. Karunamurthy, S. S. Jesudoss, E. Anusri,	Proceedings of the 2024 International Conference on System, Computation, Automation and Networking	2024 International Conference on System, Computation, Automation and Networking (ICSCAN)	979-8-3315-1002-2	IEEE
3	Hybrid Federated Cloud Live VM Migration Using Virtualized Load Balancer	A. Karunamurthy et al.	Proceedings of the 3rd International Conference on Optimization Techniques in the Field of Engineering	3rd International Conference on Optimization Techniques in the Field of Engineering (ICOFE-2024)	978-81-982705-8-0	SSRN

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Cyber security and IoT	Dr.A.Karunamurthy	978-81-981247-5-3	QUING PUBLICATIONS
2.	Advanced operating system	Dr. A. Karunamurthy, R.Ramakrishnan V.Udhayakumar , P.Rajapandian,	978-81-971220-2-6/2024	Chendur Publishing
3.	Mobile Application and Development	Dr. A. Karunamurthy, V.Udhayakumar ,	978-93-5747-778-9	IIP publication
4.	Cloud Computing and BigData	Dr. A. Karunamurthy, R.Ramakrishnan V.Udhayakumar , P.Rajapandian,	978-93-7185-679-9 /2025	Deep science publications
5	New Horizons in Engineering Organizational Management Science and Technology – Pervasive computing is and its applications	Dr. T. Amalraj Victoire & Mrs.M.Vasuki	978-93-6348-148-0	Leilani Katie Publication and Press

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	Dr. A. Karunamurthy Mr. R. Ramakrishnan Mr. V. Udhayakumar Mr. P. Rajapandian Mr.V.Vasanth	Dr. A. Karunamurthy Mr. R. Ramakrishnan Mr. V. Udhayakumar Mr. P. Rajapandian Mr.V.Vasanth	Clustering and Statistical Data Analysis Device	469714-001	India	Registered
2.	Dr. A. Karunamurthy Mr. R. Ramakrishnan Mr. V. Udhayakumar Mr. P. Rajapandian	Dr. A. Karunamurthy Mr. R. Ramakrishnan Mr. V. Udhayakumar Mr. P. Rajapandian	Cloud-Based Healthcare Monitoring System Using IoT	429686-001	India	Registered
3	M.Vasuki Dr.sheryl radley Mr.K.P.V.Pinkeyroshan Dr.shakila Hegde	M.Vasuki Dr.sheryl radley Mr.K.P.V.Pinkeyroshan Dr.shakila Hegde	Evaluating information security strategies in the public sector efficiency and cyber security Risks	202541069052 19/7/2025	India	published
4	Dr.T.Amalrajvictoire Akshat Rahul bhutiani Dr.T.Rajalakshmi Pan singh dhoni Roopa.A	Dr.T.Amalrajvictoire Akshat Rahul bhutiani Dr.T.Rajalakshmi Pan singh dhoni Roopa.A	EDGE –AI in IOT Leveraging cloud computing and Big	202541107380	India	published

			data for intelligent decision making			

Design Patent

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1	V.Vasanthan	Hema's Enterprises Private Limited (HEPL) Department: Digital IT Work Location: SIDCO Industrial Estate, Semmandalam, Cuddalore, Tamil Nadu	12 Months	January 2026	13 April 2026
2	V.Amirtha	Decision Minds India Private Limittted	4 months.	March 2 ,2026	June 2026
3	N.Keerthana	Decision Minds India Private Limittted	4 months.	March 2 ,2026	June 2026

6.2 Sponsored / Industry Projects

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
Nil				

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	Red Fox Education – Chennai	08/06/2023	To give industry oriented skill training	5 years
2	Hattussa IT Solutions.Puducherry	03/07/2023	To give industry oriented skill training and Recruitment	5 years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	13
Number of Students opted Higher Studies	Nil
Number of Entrepreneur	Nil

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1.	Keerthana N	TCS -Prime	Rs.11.59
2.	Gajalakshmi B	TCS-Digital	Rs 7.3
3.	Karthika Manimarane	TCS-Ninja	Rs.3.62
4.	Manikandan A	TCS-Ninja	Rs.3.62
5.	Manikandan M	TCS-Ninja	Rs.3.62
6.	Hemalatha E	TCS-Ninja	Rs.3.62
7.	Vasanthan Vijayan	TCS-Ninja	Rs.3.62
8.	Mohana Priya B	TCS-Ninja	Rs.3.62
9.	Gajalakshmi Babu	TCS-Ninja	Rs.3.62
10.	K Devi	TCS-Ninja	Rs.3.62
11.	Manikandan.A	SOUTHERLAND	Rs 4.00
12.	Sanjai.k	SOUTHERLAND	Rs.4.00
13.	Sowmiya.L	CTS	Rs.2.79

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
Nil			

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
Nil				

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
Nil					

8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized by	Date of Event	Level (State / National / International)	No. of Participants
Nil					

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S. No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
Nil				

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1.	Dr..A.Karunamurthy	Reviewer Certificate from Springer Nature in recognition of reviewing 5 manuscripts in 2026 for Discover Internet of Things.

9.4Awards / Prizes and Recognition received by teachers at University, State, National and International level

S.No	Name of the Faculty	Name of Awards / Recognition
1	Dr. A. Karunamurthy	Received the Academic Excellence Award at the International Faculty Achievers Awards 2025, organized by EMATIX Embedded & Software Solutions Pvt. Ltd., approved by the Ministry of Corporate Affairs, Government of India, in recognition of outstanding contribution and excellence in the field of education and academics

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	Dr.T.Amalraj Victorie	Impact and Influence ofAI in the Age Of Generative and Agentic AI	Sister Nivedita University	2/02/2026 to 06/02/2026 (5days)
2	Dr.T.Amalraj Victorie	Emerging Trends and Challenges in Cyber Security	Guru Nanak Institute of Technology	17-11-2025 to 22-11-2025 (5 days)
3	Mrs.M.Vasuki	Emerging Trends and Challenges in Cyber Security	Guru Nanak Institute of Technology	17-11-2025 to 22-11-2025 (5 days)
4	Mrs.M.Vasuki	Impact and Influence ofAI in the Age Of Generative and Agentic AI	Sister Nivedita University	2/02/2026 to 06/02/2026 (5days)
5	Mr.P.Logaiyan	Impact and Influence ofAI in the Age Of Generative and Agentic AI	Sister Nivedita University	2/02/2026 to 06/02/2026 (5days)
6	Dr. A. Karunamurthy	AI – IoT Edge Revolution : Buildingthe Future of Smart Systems	Manakula Vinayagar Institute of Technology	12-11-2025 to 14-11-2025 (3 days)
7	Dr. A. Karunmurthy	Emerging Trends and Challenges in Cyber Security	Guru Nanak Institute of Technology	17-11-2025 to 22-11-2025 (5 days)
8	Mr. V. Udhayakumar	AI – IoT Edge Revolution : Building the Future of Smart Systems	Manakula Vinayagar Institute of Technology	12-11-2025 to 14-11-2025 (3 days)
9	Mr. V. Udhayakumar	Emerging Trends and Challenges in Cyber Security	Guru Nanak Institute of Technology	17-11-2025 to 22-11-2025 (5 days)

10	Mr. P. Rajapandian	AI – IoT Edge Revolution : Building the Future of Smart Systems	Manakula Vinayagar Institute of Technology	12-11-2025 to 14-11-2025 (3 days)
11	Mr. P. Rajapandian	Emerging Trends and Challenges in Cyber Security	Guru Nanak Institute of Technology	17-11-2025 to 22-11-2025 (5 days)
12	Mr. P. Logaiyan	Emerging Trends and Challenges in Cyber Security	Guru Nanak Institute of Technology	17-11-2025 to 22-11-2025 (5 days)
13	Mr. P. Logaiyan	Teaching Excellence engaging minds inspiring futures	IQAC MVIT,Pudhucherry.	10-07-25 to 11-07-25 (2 days)

Best Practices followed by the Department.

S.No	Best Practice	Description
1	Industry-oriented capstone project	Assigned student project in the industry
2	AI-based coding platforms (HackerRank, LeetCode practice integration)	Student are encouraged to practice in AI based coding platform for attending the competition and recruitment.
3	Signing MoUs with industries thereby bringing collaborative learning to full fill the industry needs.	Corporate Level Training programs conducted to enhance the students skills

List three distinguished alumni of the department from the recent passes-out batch.

S.No	Name of the Alumni	Contact Details
Batch(2023-2025)		
1	Angarika.P	TCS –digital System engineer, Pune- Mobile No:9751447715 Mailid:angarika30@gmail.com
2	Anandharaj.J	Saravanan Xerox and stationary centre Madagadipet. Mobile No:9585444375 anandharaj343@gmail.com
3	Monish.P	Developer @Twilight IT solutions, Pudhucherry. Mobile No:8838210771 chandermonish@gmail.com

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Head of the Department/MCA

[R. RAMAKRISHNAN]

Recommendations:

Criteria	Remarks
Curricular Aspects	Verified all documents
Teaching, Learning and Evaluation	Verified
Structured Feedback	Verified
Research, Innovation and Publications	Verified, Need improvement
Collaborations and Linkages	Verified
Student Progression	Verified
Activity Conducted / Organized by the Department	Verified, Need improvement
Achievements	Verified, Need improvement in 9.1 & 9.2
General Remarks	All documents Physically Verified

Name and Signature

Dr.D.Raja
Associate Professor
Department of Electrical and Electronics Engineering,
SMVEC

Name and Signature

Dr.J.Pavalavana Pandian
Assistant Professor
Department of Mechanical Engineering.
SMVEC

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF MANAGEMENT STUDIES

ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC
DEPARTMENT OF MANAGEMENT STUDIES
(Academic Year 2025–2026)
Internal Audit

SECTION –1: BASIC INFORMATION

Audit Date	14/03/2026
Name of the Department	Department of management studies
Year of Establishment	2005
Head of the Department	Dr.N.S.N. Cailassame
Programs Offered	Name of the Program: Approved Intake U.G Program BBA: 60 P. G Program – MBA (1st Year): 300 P. G Program – MBA (2nd Year): 300 Ph.D.: 4
Programs Discontinued if any	NO
Number of full time Teachers	Designation / Available / Sanctioned / Filled Professor: 03 / 04 / 03 Associate Professor: 08 / 07 / 08 Assistant Professor: 21 / 21 / 21
Number of Technical Staff	01
Number of Students	For UG -BBA: First Year 0; Second Year 0; Third Year 0; Fourth Year 0; Total 0 For PG -MBA: First Year 113 / 156 / 269; Second Year 116 / 155 / 271; Total 229 / 311 / 540
Faculty Student Ratio	For UG: 1;15 / For PG 1:15

SECTION –2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	YES	-
2	Faculty Subject Preferences	YES	-
3	Elective choices from the students	YES	-
4	Course allotment to the faculty	YES	-
5	Time Table (UG and PG)	YES	-
6	Lesson plan for each course	YES	-

2.2 Curriculum/syllabus revision

S.No	Program Name	Regulation	Last Revised on
1	MASTER OF BUSINESS ADMINISTRATION	R 2026	13.09.2025

Summary of changes in Curriculum/syllabus

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus

2.3 List of Professional Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
Applied Elective				
1	II/III	Finance Analytics	P23MST303	190
2	II/III	HR Analytics	P23MST304	81
Functional Elective				
1	II/III	Financial Services Management	P23MSEF02	190
2	II/III	Indian Financial System	P23MSEF03	190
3	II/III	Training And Development	P23MSEH02	81
4	II/III	Industrial Relations and Labour Legislation	P23MSEH03	81
5	II/III	Integrated Marketing Communications	P23MSEM05	62
6	II/III	Data Mining and analytics	P23MSES04	98
7	II/III	Behavioral finance	P23MSEF04	26
8	II/III	Leadership development	P23MSEH05	85

2.4 List of Open Elective Courses offered by other department

S.No	Year / Sem	Offering Department	Name of the Elective Course	Course Code	Number of Students Registered
NIL					

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	II/III	Career Readiness	P23MSP307	271
2	I/I	Business Communication Lab	P23ENP108	269
3	I/I	Data Analytics Lab	P23MSP109	269

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	I/I	Excel Expert	P23MSC101	269
2	II/III	Microsoft Power Platform Fundamentals	P23MSC313	271

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
NIL				

2.8 List of Add-on/Value Added/MOOC Courses conducted by the department

S.No	Year / Sem	Name of the Course	Course Code	Number of Students Registered	Number of Students Successfully Completed
NIL					

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: I

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Organizational Behavior/P23MST101	Dr.A.Mathiazhagam	45	45	48
2	Organizational Behavior/P23MST101	Dr.S.Pougajendy	45	45	49
3	Organizational Behavior/P23MST101	Dr.A.Mathiazhagan	45	45	47
4	Organizational Behavior/P23MST101	Mr.R.Anbarasan	45	45	48
5	Organizational Behavior/P23MST101	Ms.G.Ramya	45	45	47
6	Accounting for Management-P23MST102	Ms.S.Visalakshi	60	60	62
7	Accounting for Management-P23MST102	Ms.R.Keerthana(24175)	60	60	63
8	Accounting for Management-P23MST102	Dr.J.Arivazhagan	60	60	62
9	Accounting for Management-P23MST102	Ms.T.Divya	60	60	63
10	Accounting for Management-P23MST102	Ms.H.Divya	60	60	64
11	Economics for Business Decisions/P23MST103	Mrs.B.Geetha	60	60	64
12	Economics for Business Decisions/P23MST103	Ms.B.Saraulakshmi	60	60	63
13	Economics for Business Decisions/P23MST103	Dr.A.Vinoth	60	60	65
13	Economics for Business Decisions/P23MST103	Ms.H.Divya	60	60	62
14	Economics for Business Decisions/P23MST103	Mrs.S.Nithia	60	60	62
15	Business Law/P23MST104	Mrs.G.Ramya	45	45	47
16	Business Law/P23MST104	Mrs.G.Ramya	45	45	47
17	Business Law/P23MST104	Dr.L.Kavitha	45	45	48
18	Business Law/P23MST104	Ms.R.Keerthana(24175)	45	45	47
19	Business Law/P23MST104	Dr.L.Kavitha	45	45	46
20	Business Statistics/P23MST105	Mr.T. Chandramohan	60	60	62
21	Business Statistics/P23MST105	Dr. N.S.N.Cailassame	60	60	63
22	Business	Mr.S.Amaresh	60	60	63

	Statistics/P23MST105				
23	Business Statistics/P23MST105	Mr.S.Amaresh	60	60	62
24	Business Statistics/P23MST105	Mr.T.Chandramohan	60	60	62
25	Information Systems for Managers/P23MST106	Dr.A. Vinoth	45	45	47
26	Information Systems for Managers/P23MST106	Mrs.R.Keerthana(24176)	45	45	47
27	Information Systems for Managers/P23MST106	Dr. N.S.N.Cailassame	45	45	46
28	Information Systems for Managers/P23MST106	Dr.R.Sivakumar	45	45	47
29	Information Systems for Managers/P23MST106	Mrs.S.S.Kayalvizhi	45	45	48
30	Business Ethics and Social Responsibility//P23MST107	Mr.A.Shunmugaraja	45	45	48
31	Business Ethics and Social Responsibility//P23MST107	Mr.P.Charles Joseph Nirmal	45	45	47
32	Business Ethics and Social Responsibility//P23MST107	Mr.P.Charles Joseph Nirma	45	45	48
33	Business Ethics and Social Responsibility//P23MST107	Ms.M.Malini	45	45	48
34	Business Ethics and Social Responsibility//P23MST107	Mr.R Muralikrishnan	45	45	45
35	Business Communication Lab/P23ENP108	Dr.D.Jaichitra	15	15	17
36	Business Communication Lab/P23ENP108	Dr.D.Jaichitra	15	15	15
37	Business Communication Lab/P23ENP108	Dr.D.Jaichitra	15	15	17
38	Business Communication Lab/P23ENP108	Dr.D.Jaichitra	15	15	15
39	Business Communication Lab/P23ENP108	Dr.D.Jaichitra	15	15	17
40	Data Analytics Lab/P23MSP109	Mrs.R.Kumuthavalli Revathy	30	30	30
41	Data Analytics Lab/P23MSP109	Ms.M.Divya	30	30	30
42	Data Analytics Lab/P23MSP109	Ms.S.Dharneeswari	30	30	30
43	Data Analytics Lab/P23MSP109	Mr.R.Ramesh	30	30	30
44	Data Analytics Lab/P23MSP109	Ms.M.Malini	30	30	30
45	Social Immersion Project/P23MSW110	Dr.D.Saravanan	-	-	-
46	Social Immersion Project/P23MSW110	Dr. N.S.N.Cailassame	-	-	-
47	Social Immersion Project/P23MSW110	Mrs.M.Janaki Rama	-	-	-
48	Social Immersion Project/P23MSW110	Ms.S.Nthia	-	-	-
49	Social Immersion Project/P23MSW110	Ms.C.Sasikala	-	-	-
SEMESTER-III					
50	Strategic Management-/P23MST301	Dr.R.Sivakumar	45	45	47
51	Strategic Management-/P23MST301	Dr.A.Mathiazhagan	45	45	48

52	Strategic Management-/P23MST301	Dr.R.Sivakumar	45	45	47
53	Strategic Management-/P23MST301	Dr.A. Vinoth	45	45	47
54	Strategic Management-/P23MST301	Dr.J.Arivazhagan	45	45	47
55	Entrepreneurship/P20MST302	Dr.L.Kavitha	45	45	47
56	Entrepreneurship/P20MST302	Mr.S.Pougejandy	45	45	48
57	Entrepreneurship/P20MST302	Mrs.S.Deepa	45	45	48
58	Entrepreneurship/P20MST302	Mr.T. Chandramohan	45	45	47
59	Entrepreneurship/P20MST302	Mr.R.Anbarasan	45	45	48
60	Finance Analytics /P20MST303	Ms.S.Visalakshi	45	45	46
61	Finance Analytics /P20MST303	Dr.R.Sureka	45	45	48
62	Finance Analytics /P20MST303	Dr.R.Sureka	45	45	48
63	HR Analytics /P20MST304	Dr.B.Elamurugan	45	45	48
64	Financial Services and Management/P20MSEF02	Ms.S.Dharneeswari	45	45	47
65	Financial Services and Management/P20MSEF02	Ms.S.Dharneeswari	45	45	47
66	Financial Services and Management/P20MSEF02	Mr.R.Ramesh	45	45	46
67	Integrated Marketing Communications/ P20MSEM05	Mr.T.Chandramohan	45	45	48
68	Industrial Relations and Labour Legislation/P20MSEH03	Mrs.G.Ramya	45	45	46
69	Indian Financial System/P20MSEF03	Mrs. M. Angelamary	45	45	46
70	Indian Financial System/ P20MSEF03	Mr.G.Ramaraj	45	45	47
71	Indian Financial System/ P20MSEF03	Mr.G.Ramaraj	45	45	47
72	Training and Development/P20MSEH02	Mr.A.Mathiazhagan	45	45	49
73	Behavioral finance	Dr.J.Arivazhagan			
74	Data Mining and Analytics	Dr.Amalraj	45	45	48
75	Data Mining and Analytics	Mrs.Vasuki	45	45	48

3.2List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
		Expert Lectures		
1	Role of AI in Customer experience management for future entrepreneurs	Mr.S.Jayaramam, GM South, Business Standared.	27/10/2025	81
2	Breaking into startup eco system and funding landscape	Dr.S.Elancheran, Innovation and strategy manager, SMV Vision X	6/10/2025	267
3	Case study analysis on ethical failures in Indian Startups	Dr.J.Arivazhagan, Dr.R.Sivakumar AP SMVEC	14/11/2025	108
4	Founders flame entrepreneurs' success stories.	Rtn.Puthuraja Sevugapandian, Properator SUN food products, Villupuram.	25/10/2025	271

5	Expert talk on Role of AI in recruitment for budding entrepreneurs	Ms.S.Manju , Excutive, BGV Process hexaware Technologies, Chennai.	22/11/2025	75

3.3 Activities for Slow and Advanced Learners

Semester: I

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
ODD Semester I Year / I SEM (2025-2027)					
1	Accounting for Management-P23MST102	Ms.S.Visalakshi, Dr.J.Arivazhagan, Ms.R.Keerthana(24175), Ms.H.Divya, Ms.T.Divya	Yes	5	Yes
2	Business Statistics/P23MST105	Mr.T.Chandramohan, Mr.S.Amaresh	Yes	5	Yes
II YEAR / III SEM / BATCH (2024-2026)					
-NIL-					

3.4 Counseling and Mentoring

No. of Students in Department	Number of Mentors in the Department	Mentor: Mentee Ratio
540	32	1:15

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor allocation	Yes	
2	Class wise student profile record maintained.	Yes	
3	Mentor–mentee session record maintained.	Yes	

3.5 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	Yes	-
2	Seminar / Project Review Record	Yes	-
3	End Semester Examination Record	Yes	-
4	Student Grade Report	Yes	-

3.6 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1	PO, PEO, PSO, CO are well stated	Yes	-
2	Correlation of COs with POs and PSOs for each Course	Yes	-
3	Course Outcome Attainment Calculated	Yes	-
4	PSO and PO attainment through CO	Yes	-

3.7 Student Performance in End Semester Examination

Semester: I /BATCH (25-27)

Sr. No	Particular	PG
1	Number of Students appeared	269
2	Number of All Clear Students	--
3	Number of Students passed with Distinction	--
4	Number of Students passed with First Class	--
5	Number of Students passed with Second Class	--
6	Number of Students Failed	--
7	Passing Percentage	--

Semester: III / BATCH (25-27)

Sr. No	Particular	PG
1	Number of Students appeared	269
2	Number of All Clear Students	269
3	Number of Students passed with Distinction	--
4	Number of Students passed with First Class	--
5	Number of Students passed with Second Class	--
6	Number of Students Failed	--
7	Passing Percentage	100%

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	269	-
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	50	-
3	Student Exit Survey conducted and analyzed	Yes	180	-
4	Alumni Feedback conducted and analyzed	Yes	110	-

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1 Research Grants, Projects completed and ongoing from various Funding Agencies

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
NIL					

5.2 **Consultancy Works**

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
NIL					

5.3 **Faculty Publications (faculty-wise list)**

Publication Details (Last Four Years)

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	TotalNumber of Citations	h-index	Impact Factor range / Average Impact Factors
	2021-2022	1	-	-	-	-
	2022-2023	5	1	-	-	-
	2023-2024	**18**	1	-	-	-
	2024-2025	**55**	5	-	-	-
	2025-2026	**23**	3	-	-	-

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	**NIL**
Number of Publication in International Journals	11
Number of Publication in National Conferences	**10**
Number of Publication in International Conferences	**01**
Number of Books / Book Chapters	**01**
Number of Patent -Filed	**01**
Number of Patents Granted	**NIL**

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
NIL				

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	Impact of Remote Work Arrangements on Work-Life Balance, Job Satisfaction, And Organizational Commitment Among BPO Employees in India	**Mrs. G. Ramya. Dr.L. Kavitha,** Dr.M.SureshBabu, **Ms.S.Vishalakshi , Mrs. S.S.Kayalvizhi**	International Journal of Environmental Sciences	Aug 2025/2229-7359/Vol. 11 No. 22s, 3782–3788	Scopus
2	AI-Powered Supply Chain and Logistics Optimization in Online Retail	Vijayakumar. N, P. Prasanhi, D. Soundarapandiyan, **Arivazagan** Jayabalan, Diganta Kumar Das, Ankita Verma	Lex-Localis: Journal of Local Self-Government	Oct 2025/1581-5374/ Volume 23, Issue S6,	Scopus Indexed
3	Advancing Digital Health Literacy: Integrating Public Health, Educational Strategies and	Elantheraiyan, S. Panda, A. K. Patil, R. Ramanjaneyulu, N. Narawade, and	Revista Latinoamericana de la Papa	July 2025 / 1019-6609 /29/1/464-470	E-WoS

	Technological Innovations for Equitable Access and Empowerment	**S. Pougajendy**			
4	A Comprehensive Analysis of the IOB Bank's Financial Stability Using the CAMEL Model	Karthikeyan. A and Dr. S. Pougajendy	International Journal of Banking and Finance Research	Nov 2025/E-ISSN 2695-1886/11/8/117-125	Peer reviewed
5	A Study on Cashflow Analysis and Its Impact on Financial Performance in HEPL	R.Akshaya and Dr.S. Pougajendy	International Research Journal of Innovations in Engineering and Technology (IRJIET)	Oct 2025/2581-3048 /9/10/159-163	Peer reviewed
6	The study on moderating effect of employee motivation on work place surveillance and employee engagement amongst employees at the Nithya packaging pvt ltd	B.Pavithra & Dr. L. Kavitha	International Journal for Science and Advance Research in Technology (IJSART)	Oct 2025/2395-1052/ Volume 11 Issue 10 /272-275	Peer reviewed
7	A Comparative Study on Financial Performance of SBI And HDFC Bank Through Camel Approach	K. ArunSreeram & Dr. L. Kavitha	International Journal of Science and Advance Research in Technology	Nov 2025/2395-1052/ Volume 11, Issue 11	Peer reviewed
8	A Study on Human resource accounting practices and its financial implications of roadmap IT solutions	S.Kiruthika & Dr. L. Kavitha	Journal of Advance and Future Research (JAAFR)	Nov 2025/2395-1052 Volume 3, Issue 5,	Peer reviewed
9	A Study on Analysis of Cashflow and Outflow Patterns of ARS Associates, Puducherry,	R.Santhosh & Mr.T.Chandramohan	International Journal of Scientific Research and Development (IJSRED),	Nov 2025/ E-ISSN:2581-7175 Volume 8, Issue 6,	Peer reviewed
10	A Study on Employee Engagement and Organizational Performance in Schiller Healthcare India Pvt Ltd	Sai Yogisha.A & Mr.T.Chandramohan	International Journal of Science and Advance Research in Technology	Nov 2025/2395-1052/Volume 11, Issue 11,	Peer reviewed
11	A Study on the Impact of Supply Chain Finance on the Financial Performance of LENOVA	S.Mubeena & T.Chandramohan	International Journal of Scientific and Advance Research in Technology,	Nov 2025/2395-1052/ Volume 11, Issue 11,	Peer reviewed

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher

1	Generative AI for Sustainable Learning & Administration	Dr. Cailassame N. S. N	55th ISTE National Annual Faculty Convention (SMVEC)	29.11.2025 & 30.11.2025 (2 Days)	--	--
2	Digital Leadership Skills for Education 5.0	Dr.S.Pougajendy	55th ISTE National Annual Faculty Convention (SMVEC)	29.11.2025 & 30.11.2025 (2 Days)	--	--
3	Green Leadership & Sustainability Literacy in Management Education 5.0	Dr.S.Pougajendy	55th ISTE National Annual Faculty Convention (SMVEC)	29.11.2025 & 30.11.2025 (2 Days)	--	--
4	Personalized Learning Using AI	Dr.S.Pougajendy	55th ISTE National Annual Faculty Convention (SMVEC)	29.11.2025 & 30.11.2025 (2 Days)	--	--
5	Cyber Security and Risk Management in Digital Education 5.0	Dr.S.Pougajendy	55th ISTE National Annual Faculty Convention (SMVEC)	29.11.2025 & 30.11.2025 (2 Days)	--	--
6	Innovative Technology for a Resilient Future in Redesigning of Education	Dr.R.Sivakumar	55th ISTE National Annual Faculty Convention (SMVEC)	29.11.2025 & 30.11.2025 (2 Days)	--	--
7	AI Revolution in Indian Education: Shaping the Future of Learning	Dr. L. Kavitha	55th ISTE National Annual Faculty Convention (SMVEC)	29.11.2025 & 30.11.2025 (2 Days)	--	--
8	A Conceptual Change in Faculty Roles in Technology-Enabled Business Education: From Teaching to Coaching	Chandramohan T	55th ISTE National Annual Faculty Convention (SMVEC)	29.11.2025 & 30.11.2025 (2 Days)	--	--
9	Ethical Thinking and Environmental Responsibility in Technology-Enhanced Learning	Ramya G	55th ISTE National Annual Faculty Convention (SMVEC)	29.11.2025 & 30.11.2025 (2 Days)	--	--
10	Inclusive Recruitment 5.0: "Creating equitable hiring practices through technology and humancentric values"	Ramya G	55th ISTE National Annual Faculty Convention (SMVEC)	29.11.2025 & 30.11.2025 (2 Days)	--	--

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Examining the connection between Economic growth and public spending using	Dr. L. Kavitha	Innovations in Architecture, Design, Business, Society, Languages and literature 2025	30.10.25 & 31.10.25	--	--

	correction Model					

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Transportation Challenges in Islands Tourism (**Book Chapter**)	Ranjitha P. K. P.Selvakumar Nilesh Anute, T.C. Manjunath, G. Sureshkrishna and **S. Pougajendy**	2025 979-8-3693	IGI Global Scientific Publishing
2	Musealization and Tourism Practices (**Book Chapter**)	Ansuman Samal , Lalat Indu Misra , Mohit , **S. Pougajendy**, Pankaj Singh Chandel , T. C. Manjunath P. Selvakumar	2025 979-8-3693	IGI Global Scientific Publishing
3	Workforce Dynamics: A Modern HR Approach (**Book**)	Mrs.T.N.P.Nalini Dr.N.Sathiyendran Dr.Selvakumar B **Dr.S. Pougajendy**	2025 978-93-47331-43-5	RG International Publication

Patent

S.No	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No
1	--	12.08.2025	Cloud integrated workforce scheduling and productivity optimization system	Dr. Athar Javed Ali Dr. Abhijit Rameshwar Gajghate Dr. Rachana Bhaskarrao Dumbhare (Dhomne) Dr. Ashish Chandrakant Joshi Dr. V.Kannan Dr. Sivakumar R **Dr .S.Pougajendy**	469536-001

Design Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
NIL						

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 **Student Internships**

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
01	Ajaykumar. I	CHEMIN C & I	One month	08-7-2025	07-8-2025
02	Arulsaikumaran	Sri Ganapathy Polymers	One month	04-7-2025	04-8-2025
03	Jeevitha .A	NEOFIN Investment Solutions	One month	16-7-2025	16-8-2025
04	Ponpavithra	Integra	One month	08-7-2025	08-08-2025
05	Archana. M	Hindustan Unilever Limited	One month	08-7-2025	07-8-2025
06	Sribhavani . G	Hindustan Unilever Limited	One month	08-7-2025	07-8-2025
07	Ashwini. A	Hindustan Unilever Limited	One month	08-7-2025	07-8-2025
08	Karthik	Sai Sarvaa Biotech Pvt. Ltd.,	One month	07-07-2025	07-08-2025
09	Ummarali	Sai Primus Life	One month	08-7-2025	08-8-2025
10	Gajalakshmi. R	Integra	One month	07-07-2025	07-08-2025
11	Devithershni. V	HUBO Solutions	One month	03-07-2025	13-08-2025
12	Karthikeyan. A	Indian Overseas Bank	One month	11-07-2025	10-08-2025
13	Vasantha. V.R	NLC India Limited	One month	04-07-2025	07-08-2025
14	Sowmiya	Rajshree- People Passion Progress	One month	11-07-2025	11-08-2025
15	Deepa Deeksha. E	Magnetic Meter Systems (India) Limited	One month	03/07/2025	02/08/2005
16	Jai Suraj. R	UCAL Polymer Industries limited	One month	03-07-2025	02-28-2025
17	Santhosh. R	ARS Groups	One month	12-07-2025	16-08-2025
18	Anitha .P	Selvakumar Enterprises	One month	11-07-2025	11-08-2025
19	Sarankumar.V	Nithya Packaging PVT. LTD.	One month	05-07-2025	05-08-2025
20	Sivagami. M.S	JENO maran group	One month	14-07-2025	14-08-2025
21	Susmitha.E	CyberExperts.in	One month	10-07-2025	10-08-2025
22	Nivedhaa.M	Mahavir Plastic Company	One month	14-07-2025	13-08-2025
23	Thentral. M	appxperts	One month	15-07-2025	14-08-2025
24	Sathiya.M	NEOFIN Investment Solutions	One month	16-7-2025	16-8-2025
25	Bhuvaneshwari.S	ACT Plastic Private Ltd	One month	07-07-2025	07-08-2025
26	Mohanapriya. P	Vimkar Contracts Works LLP	One month	07-07-2025	06-08-2025

27	Snega.V	Hindustan Unilever Limited	**One month**	**07-07-2025**	**07-08-2025**
28	Nandhini.M	The Puducherry Co-op urban Bank Ltd	**One month**	**03-07-2025**	**03-08-2025**
29	Arunsreeram. K	State Bank of India	**One month**	**10-07-2025**	**13-08-2025**
30	Srinivas	GB Tech Corp	**One month**	**21-07-2025**	**19-08-2025**
31	Amrish. L	VELL biscuits (P) Ltd	**One month**	**18-07-2025**	**11-08-2025**
32	Harini. S.B	SIEMENS	**One month**	10-07-2025	09-08-2025
33	Padmashri. K	SIEMENS	**One month**	10-07-2025	09-08-2025
34	Harimithra. R	Amcor Flexibles India Private Limited	One month	21-07-2025	21-08-2025
35	Purushothaman. P	India Nippon Electricals Ltd	One month	22-07-2025	29-07-2025
36	Yokeswaran. V	GT electronic India	One month	14-06-2025	19-7-2025
37	Akshaya	Hema .s Enterprises Private limited	One month	21-07-2025	21-08-2025
38	Shaheenbanu .S.	Appxperts	One month	07-07-2025	07-08-2025
39	Swetha. B	Hema .s Enterprises Private limited	One month	21-07-2025	21-08-2025
40	Narkis Begam. M	Shriram Finance	15 days	23-07-2025	08-08-2025
41	Gokulraj. T	Babathings India Private limited	One month	07-07-2025	07-08-2025
42	Gowtham. R	Eswaren Enterprises	One month	29-07-2025	13-08-2025
43	Bhuvaneshwari.	BWDA Finance Limited	One month	02-07-2025	31-07-2005
44	Shalini.R	TENNECO	One month	13-07-2025	13-08-2025
45	Priyanga.M	Puduvai Bharathiar Grama Bank	One month	04-07-2025	10-08-2025
46	Vishwa. R	Twilight	One month	17-07-2025	17-08-2025
47	Kaviya. A	Life Care formulations Pvt Ltd	One month	12-07-2025	11-08-2025
48	Sivaram.P	GB Tech Corp	One month	21-7-2025	19-08-2025
49	Nandhini.E	Rialto Enterprises Pvt. Ltd	One month	15-07-2025	14-08-2025
50	Nitheshkanna. D	YRS Broilerrs	One month	08-07-2025	08-08-2025
51	Renuka. R	Bank of Baroda	One month	01-07-2025	01-08-2025
52	Kirubakaran.M	Memucan Technology Private Limited	One month	11-07-2025	11-08-2025
53	Varsha. D	FemtoSoft	One month	10-07-2025	08-08-2025
54	Celsiya Jefersaline. J	Asianpaints	One month	14-07-2025	14-08-2025
55	Jayanthan. S	Brakes India Private Limited	One month	21-07-2025	02-08-2025
56	Lokeshraj.R	Metal Scope (India) Private	One month	13-07-2025	14-08-2025

57	Roshini. R	IEQS Technologies Pvt Ltd	One month	12-07-2025	12-08-2025
58	Ariharan.P	Hindustan Unilever Limited	One month	03-07-2025	02-08-2025
59	Indumathi. J	Hindustan Unilever Limited	One month	07-07-2025	07-08-2025
60	Mubeena. S	Lenovo(India) Private Limited	15 days	12-07-2025	31-07-2025

6.2 **Sponsored / Industry Projects**

S.No	Project Title	Name of the Student/s	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration of the Project (Months)
NIL				

6.3 **Industrial Visits**

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
NIL				

6.4 **Functional Memorandum of Understanding (MoU)**

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	NISM	15/12/2025	➢ To improve students' knowledge of financial markets ➢ To provide NISM certification opportunities ➢ To develop practical skills through training and workshops ➢ To enhance placement and career opportunities in finance	3 years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	02
Number of Students opted Higher Studies	NIL
Number of Entrepreneur	NIL

7.1 **Placements**

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	Arun Sreeram	Home first finance	7,50,000
2	Karthik Raj L	Home first finance	7,50,000

7.2 **Higher Studies**

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
NIL			

7.3 **Entrepreneur**

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
NIL				

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under (Department / Student Association/ Profession Chapter)	Date of Event	Level (State / National / International)	No. of Participants
NIL					

8.1 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized by	Date of Event	Level (State / National / International)	No. of Participants
NIL					

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1	Shaheen Banu.S	World Consumers Right Day – Tamil Essay	IIPA,Puducherry	I Prize
2	Pavithra.B	World Consumers Right Day – Tamil Essay	IIPA,Puducherry	III Prize
3	Katherine Colbert & Shankari.S	INCOGNITA 2K25 – Business Connection	Rajiv Gandhi Engineering	II Prize (Rs.750)
4	Pavithra.B & Shaheen Banu.S	INCOGNITA 2K25 – Business Quiz	Rajiv Gandhi Engineering	II Prize (Rs.750)
5	Abinaya.P	World Consumers Right Day – English Essay	IIPA, Puducherry	III Prize
6	Gayathri.K	World Consumers Right Day – Tamil Essay	IIPA, Puducherry	II Prize
7	Shalini.R	Women's Day 2025 – Poster Presentation	SMVEC	II Prize
8	Narmadha.S	Women's Day 2025 – Poster Presentation	SMVEC	III Prize
9	Pavithra.B	Women's Day 2025 – Tamil Essay	SMVEC	II Prize
10	Sanjay Raj	VYOM'26 – Corporate Walk	IFET	I Prize (Rs.1500)
11	Abinaya.P, Sobina.V, Priyadharshini.R, Aswini.A, Gayathri.S	INCOGNITA 2K25 – Adzap	Rajiv Gandhi	II Prize (Rs.1200)

			Engineering	
12	Prashanthi.V & Deepika.P	National Seminar – Paper Presentation	Pondicherry University	Best Paper Award
13	Pavithra.B	VIKSIT BHARAT – PPT Presentation	National Youth Festival	State Level Winner
14	Pavithra.B	YUVA Connect Program – PPT Presentation	MGM College, Puducherry	Chief Guest
15	Swetha	INCOGNITA 2K25 – Best Manager	Rajiv Gandhi Engineering	I Prize
16	Pavithra.B & Roshini.R	MIT MAN LEAD 2026 – Business Quiz	MVIT	I Prize (Rs.1000)
17	Priyanga.M, Sai Yoghisha.A, Jothimanjary, Harimithra.R	MIT MAN LEAD 2026 – Ad Blitz	MVIT	II Prize (Rs.750)
18	Karkuzhali, Aishwariya Lakshmi, Thinisha, Boomika, Krithika	MIT MAN LEAD 2026 – Treasure Hunt	MVIT	I Prize (Rs.1000)
19	Karthikeyan & Jagadish	MIT MAN LEAD 2026 – IPL Auction	MVIT	II Prize (Rs.750)
20	Muthamizhan.R & Deepak Rajan.S	MIT MAN LEAD 2026 – Stock Storm	MVIT	I Prize (Rs.1000)

9.2 Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	**Dr.A. Vinoth**	Board of Studies Member -Thanthai hans Roever College (Autonomous).

9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1.	Dr.S. Pougajendy	Reviewer of ABCD Indexing

9.4 Awards / Prizes and Recognition received by teachers at University, State, National and International level

S.No	Name of the Faculty	Name of Awards / Recognition
-NIL-		

9.5 Details of Faculty participated in Refresher Courses, Orientation Courses, Seminars, Workshops, Conferences at National and International level

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	Dr. Cailassame N. S. N	55th ISTE National Annual Faculty Convention (SMVEC)	SMVEC	29.11.2025 & 30.11.2025

2.	Dr.S.Pougajendy	55th ISTE National Annual Faculty Convention (SMVEC)	SMVEC	29.11.2025 & 30.11.2025 (2 Days)
3.	Dr.S.Pougajendy	55th ISTE National Annual Faculty Convention (SMVEC)	SMVEC	29.11.2025 & 30.11.2025 (2 Days)
4.	Dr.S.Pougajendy	55th ISTE National Annual Faculty Convention (SMVEC)	SMVEC	29.11.2025 & 30.11.2025 (2 Days)
5.	Dr.S.Pougajendy	55th ISTE National Annual Faculty Convention (SMVEC)	SMVEC	29.11.2025 & 30.11.2025 (2 Days)
6.	Dr.R.Sivakumar	55th ISTE National Annual Faculty Convention (SMVEC)	SMVEC	29.11.2025 & 30.11.2025 (2 Days)
7.	Dr. L. Kavitha	55th ISTE National Annual Faculty Convention (SMVEC)	SMVEC	29.11.2025 & 30.11.2025 (2 Days)
8.	Chandramohan T	55th ISTE National Annual Faculty Convention (SMVEC)	SMVEC	29.11.2025 & 30.11.2025 (2 Days)
9.	Ramya G	55th ISTE National Annual Faculty Convention (SMVEC)	SMVEC	29.11.2025 & 30.11.2025 (2 Days)
10.	Ramya G	55th ISTE National Annual Faculty Convention (SMVEC)	SMVEC	29.11.2025 & 30.11.2025 (2 Days)

9.6 Best Practices followed by the Department.

S.No	Best Practice	Description
1	Industry-Academia Collaboration	Department actively collaborates with industries through guest lectures, internships, industrial visits, and live projects. This ensures students gain practical exposure, understand real-world business challenges, and apply classroom learning in actual business scenarios.
2	Experiential Learning through Case Studies and Simulations	Department adopts innovative teaching practices like case study analysis, business simulations, role plays, and management games. These methods encourage critical thinking, problem-solving, and decision-making skills in students.
3	Holistic Student Development through Clubs and Activities	Department organizes student-driven clubs (Finance Club, Marketing Club, HR Club, Entrepreneurship Cell, etc.), cultural events, and social responsibility initiatives.

9.7 List three distinguished alumni of the department from the recent passes-out batch.

S.No	Name of the Alumni	Contact Details
1	S.Keerthana	8668013321
2	Logeshwari	6369757778
3	Maran	9345948744

Declaration by HoD

I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit

Dean/MS

Recommendations:

Criteria	Remarks
Curricular Aspects	-NIL-
Teaching, Learning and Evaluation	-NIL-
Structured Feedback	-NIL-
Research, Innovation and Publications	-NIL-
Collaborations and Linkages	-NIL-
Student Progression	-NIL-
Activity Conducted / Organized by the Department	Activities were conducted/organized by the Department. However, it is recommended to organize FDPs and workshops for faculty members.
Achievements	-NIL-
General Remarks	Some of the documents are available only in digital format. The department has been advised to maintain printed copies as well.

Signature of the Internal Academic Audit Experts

Dr. D.Raja
Associate Professor,
Department of Electrical and Electronics Engineering, SMVEC

Dr. J.Pavalavanna Pandian
Associate Professor,
Department of Mechanical Engineering
SMVEC

ACADEMIC AND ADMINISTRATIVE AUDIT

NON-COMPLIANCE - REPORT

ACADEMIC YEAR 2025-2026

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2025-26 /01

16-03-2026

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Electrical and Electronics Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 01 / Circular/ dated 16-02-2026

*****

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2025-26 in your department on 13th March 2026. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATION		
5.1	Research Grants	Need to concentrate International Journals and Patten Publication.
5.2	Consultancy works	Need to concentrate on consultancy works

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before March 20, 2026.

Thanking You

Yours Truly

Dr.AA. Arivalagar
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2025-26 /02

16-03-2026

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Electronics and Communication Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 02 / Circular/ dated 16-02-2026

*****

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2025-26 in your department on 13th March 2026. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – II: CURRICULAR ASPECTS		
2.8	Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs	Industry supported courses can be included
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.3	Research Projects / Funding	No funded projects reported. Faculty to be motivated to submit proposals to external agencies.

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before March 20, 2026.

Thanking You
Yours Truly

Dr.A.A. Arivalagar
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2025-26 /03 16-03-2026

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Computer Science and Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 03 / Circular/ dated 16-02-2026

*****

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2025-26 in your department on 13th March 2025. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.2	Consultancy Works	Faculty are encouraged to undertake consultancy works to strengthen industry linkages, generate revenue, and apply expertise for societal benefit.
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.4	Functional Memorandum of Understanding (MoU)	Collaboration and Linkages outside the campus needs improvement More collaborative work can be done with medical firms

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before March 20, 2026.

Thanking You

Yours Truly

Dr.AA. Arivalagar
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

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NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2025-26 /04 16-03-2026

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Information Technology
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 01 / Circular/ dated 16-02-2026

*****

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2025-26 in your department on 13th March 2026. The following non-conformances were observed during the audit.

on 07th March 2025. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.1	**Research Grants, Projects completed and ongoing from various Funding Agencies**	Need conversion of projects to patents and products
SECTION-VIII: ACTIVITY CONDUCTED/ORGANIZED BY THE DEPARTMENT		
8.2	FDP, Workshop	FDP and Workshop needs to be improved

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before March 20, 2026.

Thanking You

Yours Truly

Dr.AA. Arivalagar
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

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NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT / AAA / 2025-26 / 05

16-03-2026

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Mechanical Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 01 / Circular/ dated 16-02-2026

*****

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2025-26 in your department on 13th March 2026. The following non-conformances were observed during the audit.

on 07th March 2025. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Need to improve funded projects and consultancy work. Need to improve the publications in International Journals.

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before March 20, 2026.
Thanking You

Yours Truly

Dr.AA. Arivalagar
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

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NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2025-26 /06 16-03-2026

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Instrumentation and Control Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 01 / Circular/ dated 16-02-2026

*****

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2025-26 in your department on 13th March 2026. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.2	Faculty Publications	Publications need improvement
5.3	Consultancy works	Need to concentrate on consultancy works
SECTION – IX: ACHIEVEMENTS		
9.1	**Awards and Prizes Received by Students**	Need More Students Participation

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before March 20, 2026.

Thanking You

Yours Truly

Dr.AA. Arivalagar
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

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NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT / AAA / 2025-26 / 07

16-03-2026

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Civil engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 01 / Circular/ dated 16-02-2026

*****

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2025-26 in your department on 13th March 2026. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.3	Research Grants, Projects completed and ongoing from various Funding Agencies	Need to improve funded projects and consultancy work. Need to improve the publications in International Journals.

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before March 20, 2026.
Thanking You

Yours Truly

Dr.AA. Arivalagar
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

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NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC//AAA/ 2025-26 / 08 16-03-2026

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Mechatronics
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 01 / Circular/ dated 16.02.2026

*****

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2025-26 in your department on 13th March 2026. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – IV: STRUCTURED FEEDBACK		
	Student, Parent and Alumni Feed back	More number of feedback from stakeholders need to be collected.
SECTION – IX: ACHIEVEMENTS		
9.1	**Awards and Prizes Received by Students**	Winners in other college competitions to be improved

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before March 20, 2026.

Thanking You

Yours Truly

Dr.AA. Arivalagar
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

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NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2025-26 /09

16-03-2026

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Biomedical Engineeering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Mam,

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 01 / Circular/ dated 16.02.2026

****

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2025-26 in your department on 14th March 2026. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – III: TEACHING, LEARNING AND EVALUATION		
3.7	Learning Outcomes	PSO mapping to be included in Lesson Plan
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Needs more focus on research and grants
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.4	6.1 Functional Memorandum of Understanding (MoU)	Collaboration and Linkages outside the campus needs improvement More collaborative work can be done with medical firms

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before March 20, 2026.

Thanking You
Yours Truly

Dr.AA.Arivalagar
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

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NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

`SMVEC / IQAC/INT/AAA/ 2025-26 /10

16-03-2026

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Artificial Intelligence and Data Science
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 01 / Circular/ dated 16.02.2026

*****

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2025-26 in your department on 14th March 2026. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – III: TEACHING, LEARNING AND EVALUATION		
3.1	Course Delivery:	Lesson Plan needs to be modified as per the common format of the college Documents need to have a uniformity in presenting data.
3.7	Learning Outcomes	Need mapping of PO's and PSO's of various activities conducted

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before March 20, 2026.

Thanking You

Yours Truly

Dr.AA Arivalagar
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2025-26 /11 16-03-2026

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Computer Science Engineering and Business Systems
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Mam,

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 01 / Circular/ dated 16.02.2026

*****

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2025-26 in your department on 14th March 2026. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – III: TEACHING, LEARNING AND EVALUATION		
3.7	Learning Outcomes	CO -PO mapping needs improvement
SECTION – VII: STUDENT PROGRESSION		
7.1	Placements	Average salary package can be improved

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before March 20, 2026.

Thanking You

Yours Truly

Dr.AA. Arivalagar
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2025-26/12 16-03-2026

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Computer and Communication Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Mam,

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 01 / Circular/ dated 16.02.2026

*****

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2025-26 in your department on 14th March 2026. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.3	Research Projects / Funding	No funded projects reported. Faculty to be motivated to submit proposals to external agencies.
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.4	Functional Memorandum of Understanding (MoU)	Collaboration and Linkages outside the campus needs improvement More collaborative work can be done with medical firms

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before March 20, 2026.

Thanking You

Yours Truly

Dr.AA. Arivalagar
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2025-26 /13

16-03-2026

NON-CONFORMANCES IN AAA

To
The Principal
School of Architecture
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 01 / Circular/ dated 16.02.2026

*****

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2025-26 in your department on 14th March 2026. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Need more focus on research and grants
5.2	Consultancy Works	Needs Improvement
5.3	Faculty Publications	There is scope for improvement

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before March 20, 2026.

Thanking You
Yours Truly

Dr.AA. Arivalagar
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2025-26 /14 16-03-2026

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Computer Applications
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 01 / Circular/2 dated 16.02.2026

*****

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2025-26 in your department on 14th March 2026. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.1	**Research Grants, Projects completed and ongoing from various Funding Agencies**	Needs more focus on research and grants
SECTION-VIII: ACTIVITY CONDUCTED/ORGANIZED BY THE DEPARTMENT		
8.2	FDP, Workshop	FDP and Workshop needs to be improved

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before March 20, 2026.

Thanking You

Yours Truly

Dr.AA. Arivalagar
IQAC Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2025-26 /15 16-03-2026

NON-CONFORMANCES IN AAA

To
The Dean of the Department
Department of Management Studies
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir,

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 01 / Circular/ dated 16.02.2026

*****

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members for the Academic Year 2025-26 in your department on 14th March 2026. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION-VIII: ACTIVITY CONDUCTED/ORGANIZED BY THE DEPARTMENT		
8.2	FDP, Workshop	FDP and Workshop needs to be improved

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before March 20, 2026.

Thanking You

Yours Truly

Dr.AA. Arivalagar
IQAC Coordinator

ACADEMIC AND ADMINISTRATIVE AUDIT
ACTION TAKEN REPORT

ACADEMIC YEAR 2025-2026

SMVEC / HEAD – EEE /INT/ AAA/ 25-26/01 20-03-2026

ACTION TAKEN REPORT

To

Dr.AA. Arivalagar
IQAC Coordinator
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub: Action taken Report submission for Non-Conformances in AAA – Reg
Ref: SMVEC / IQAC /INT/ AAA/ 2025-26 /01

*****

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2025-26 in our department on 13th March 2026. It is hereby informed that we have attached action taken report for the non-conformances in AAA as given below.

Section No.	Particulars	Remarks Given	Action Taken
SECTION – V: RESEARCH, INNOVATION AND PUBLICATION			
5.1	Research Grants	Suggested to concentrate on International Journals and Patent Publication	• Faculty members have been encouraged to publish papers in reputed international journals (Web of Science / SCI / Scopus indexed). • Faculties are advised to identify innovative and society-oriented projects and convert them into patents.
5.2	Consultancy works	Recommended to concentrate on consultancy works	• Interactions are made with nearby industries to identify their technical problems. • Faculty members are encouraged to provide solutions for the identified industrial problems through consultancy.

Thanking You

Yours Truly

Dr.P.Jamuna

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)
PUDUCHERRY

Department of Electronics and Communication Engineering

SMVEC/ECE/IQAC/INT/AAA/2025-26/01 18-03-2026

NOTE

Submitted to the IQAC Coordinator

Sub: Action Taken Report for Non-Conformances in AAA –Reg
Ref: SMVEC / IQAC /INT / AAA/ 2025-26 /01 dated 16.03.2026

*****

The following non-conformances were identified during the Academic and Administrative Audit (AAA) conducted by the expert members nominated by IQAC for the academic year 2025–2026 in the Department of ECE on 13th March 2026.

Non-Conformances Identified

Section No.	Particular	Remarks
Section- II : Curricular Aspects		
2.8	Participation of the faculty in the curriculum development for courses offered in UG and PG programs	Industry supported courses can be included
Section- V :Research, Innovation and Publications		
5.3	Research Projects/Funding	No funded projects reported. Faculty to be motivated to submit proposals to external agencies

Action Taken Report

Section II: Curricular Aspects - Participation of Faculty in Curriculum Development

The department has initiated steps to include industry-supported courses at the UG level. In this regard, the following faculty members were deputed for industrial training:

- **Training from TCS (IT Infrastructure – 2 days):**
  Mr. V. M. Navaneethakrishnan
- **Training from Wipro (Embedded Systems – 15 days):**
  Dr. Vankayala Chethan Prakash
  Ms. R. Arthy

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Based on the expertise gained, the department plans to introduce courses on IT Infrastructure and Embedded Systems with Advanced Controllers in the revised curriculum.

Section V: Research, Innovation and Publications - Research Projects / Funding

Faculty members are actively engaged in innovative projects supported by the institution through SEED grants.

Additionally, faculty have been encouraged to:

- Identify relevant research problems
- Prepare and submit research proposals
- Apply for funding from external agencies

The department has also advised faculty members to explore funding opportunities from government agencies, professional bodies, industries, and research organizations.

The department has reviewed all the observations made by IQAC and has taken appropriate corrective measures.

Thanking You

Prepared by

Dr. R. Ramya
Department – IQAC Member

Verified and Submitted by

Dr.P.Raja
HoD - ECE

Dr. P. RAJA
Professor & Head
Dept. of Electronics and Communication Engg.
Sri Manakula Vinayagar Engineering College
(An Autonomous Institution)
Madagadipet, Puducherry - 605 107

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)
(APPROVED BY AICTE, NEW DELHI AND AFFILIATED TO PONDICHERRY UNIVERSITY)
(ACCREDITED BY NBA-AICTE, NEW DELHI, ACCREDITED BY NAAC WITH "A" GRADE)
MADAGADIPET, PUDUCHERRY - 605 107

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

SMVEC/Head-CSE/INT/AAA/26 18.03.2026

Sir,

Sub: Action taken report for Non-conformances in AAA – Reg.
Ref: SMVEC / IQAC /INT/ AAA/ 2025-26 /03

Action taken report for Non-conformances in AAA, which was held on 13.03.2026. The following section are Non-conformances and their action plan.

S.No	Particular	Comments	Action plan
SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS			
5.2	Consultancy Works	Faculty are encouraged to undertake consultancy works to strengthen industry linkage, generate revenue and apply expertise for societal benefit.	A target of two consultancy projects per academic year has been set. A proposal with Sumi Motherson Automotive Pvt. Ltd. is in the final stage, and further industry collaborations are being pursued.
SECTION – VI : COLLABORATION AND LINKAGE			
6.4	Functional Memorandum of Understanding (MoU)	Collaboration and Linkages outside the campus needs improvement. More collaborative work can be done with medical firms.	The department has approached Fundamental Labs for an MoU, currently in the final stage. Faculty are encouraged to pursue MoUs, consultancy, internships, and industry interactions, including collaborations with medical firms.

Thanking you
Yours faithfully

18/3/26

HOD/CSE
Dr.N.Danapaquiame

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)
(APPROVED BY AICTE, NEW DELHI AND AFFILIATED TO PONDICHERRY UNIVERSITY)
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MADAGADIPET, PUDUCHERRY - 605 107

DEPARTMENT OF INFORMATION TECHNOLOGY

SMVEC/Head-IT/INT/AAA/26 18.03.2026

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC/INT/AAA/ 2025-26 /04

Action Taken Report for Non-Conformances in AAA, which was held on 13th March 2026.

Section No.	Particular	Comments	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS			
5.1	Research grants, Projects completed and on-going from various funding agencies	Need Conversion of projects to patents and products	The department has motivated faculty members and students to convert research outcomes into patents and commercially viable products.
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT			
8.2	FDP,Workshop	FDP and Workshop needs to be improved	The department has planned to organize more Faculty Development Programmes (FDPs), workshops, and hands-on training sessions in emerging technologies.

Thanking you

Yours faithfully

HoD/IT
(Dr.R.Raju)

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)
(APPROVED BY AICTE, NEW DELHI AND AFFILIATED TO PONDICHERRY UNIVERSITY)
(ACCREDITED BY NBA-AICTE, NEW DELHI, ACCREDITED BY NAAC WITH "A" GRADE)
MADAGADIPET, PUDUCHERRY 605 107

DEPARTMENT OF MECHANICAL ENGINEERING

SMVEC/ MECH /INT/AAA/20205-26 Date: 18.03.2026

Respected sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC/IQAC/INT/AAA/2025-26/05

Action Taken Report for Non-Conformance in AAA, which was held on 07TH,March 2026.

Section No.	Particular	Comments	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS			
5.1	Research grants , projects completed and ongoing from various funding agencies	Need to improve funded projects and consultancy work. Need to improve the publications in international journals	Initiatives are taken to improve funded projects, consultancy activities, industry collaboration, and quality international journal publications through faculty motivation and research support activities.

Thanking you

Yours faithfully

HoD – Mechanical
(Dr.K.HEMALATHA)

DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

Action taken report for Non-conformances in AAA

Academic year 2025-2026

To

The IQAC Coordinator

Sri Manakula Vinayagar Engineering College

Puducherry – 605107

Sir,

Sub : Action Taken Report for Non-Conformances in AAA – Reg.

Ref : SMVEC / IQAC /INT / AAA / 2025-26 / 06

Section No.	Particulars	Remarks	Action Taken
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS			
5.2	Faculty Publications	Publications need improvement	Initiatives have been undertaken to enhance the quality and quantity of faculty publications.
5.3	Consultancy Works	Need to concentrate on consultancy works	Created a database of potential consultancy opportunities. Promoted faculty-industry interaction to increase consultancy projects.
SECTION-IX: ACHIEVEMENTS			
9.1	Awards and Prizes Received by Students	Need More Students Participation	Existing awareness, mentoring, and communication mechanisms have been strengthened and targeted training with continuous performance monitoring is being intensified to improve student participation and outcomes.

Dr. P. Arunagiri
HOD / ICE

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)
(Approved by AICTE, New Delhi and Affiliated to Pondicherry University)
(Accredited by NBA-AICTE, New Delhi, Accredited by NAAC with "A" Grade)
MADAGADIPET, PUDUCHERRY - 605 107

DEPARTMENT OF CIVIL ENGINEERING

SMVEC/Head-Civil/INT/AAA/2025-26/07 20.03.2026

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC / INT/ AAA / 2025-26 / 07

Action Taken Report for Non-Conformance in AAA, which was held on 17.03.2026

Section No.	Particular	Comments	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS			
5.3	Faculty Publications	Research and Innovation (R&D) need to improve funded projects and consultancy work. Need to improve the publications in International journals.	Insisted that each faculty member need to publish a minimum of one paper in a Scopus-indexed journal per semester.

Thanking you

Yours faithfully

20/3/26

HoD –Civil
(Dr.S.Sundararaman)

Department of Mechatronics

Action Taken Report for Non-Conformances in AAA for the Academic Year: 2025–26

S. No	Particulars	Remarks	Action Taken	Expected Outcomes
Section-IV: Structured Feedback				
4.1	Student, Parent and Alumni Feedback	More number of feedback from stakeholders need to be collected.	1.Separate feedback forms were prepared for students, parents, and alumni. 2. Online and offline feedback collection methods were implemented. 3. Parent feedback was collected during Parents Meetings. 4. Alumni were contacted through WhatsApp groups, email, and alumni meetings. 5. Faculty mentors and class advisors motivated students to submit feedback. 6. Periodic reminders and awareness notices were circulated. 7. Feedback data was analyzed and corrective measures were initiated.	Increased response rate from stakeholders and improved engagement with the department.
Section-IX: Achievements				
9.1	Awards and Prizes Received by Students	Winners in other college competitions to be improved.	1. Information about intercollegiate competitions was regularly shared with students. 2. Students were encouraged to participate in robotics, automation, coding, project expo, Hackathon, and technical contests. 3. Faculty mentoring was provided for project preparation and presentations. 4. Student teams were formed for competitions. 5. Winners were recognized and appreciated in the department. 6. Participation and achievements were reviewed periodically.	Increased student participation, improved exposure, and rise in awards/prizes in external competitions.

Head of the Department

SRI MANAKULA VINAYAGAR ENGG. COLLEGE
Department of Mechatronics
PUDUCHERRY

DEPARTMENT OF BIOMEDICAL ENGINEERING

Action taken report for Non-conformances in AAA

Academic Year 2025-26

To

The IQAC Coordinator

Sri Manakula Vinayagar Engineering College

Puducherry – 605107

Sir,

Sub : Action Taken Report for Non-Conformances in AAA – Reg.

Ref : SMVEC / IQAC / INT / AAA / 2025-26 / 09 dated 16-03-2026

Section- III : Teaching, Learning and Evaluation

Remarks	Action Taken
PSO mapping to be included in Lesson Plan	PSO mapping is included in lesson plan.

Section- V: Research, Innovation and Publications

Remarks	Action Taken
Needs more focus on research and grants	Focused to enhance research activities, and to submit research proposals, grants and funded research projects.

Section- V: COLLABORATIONS AND LINKAGES

Remarks	Action Taken
• Collaboration and linkages outside the campus need improvement • More collaborative work can be done with medical firms	Initiatives have been undertaken to establish and strengthen collaborations with medical firms, facilitating joint projects, internship opportunities and collaborative research activities

Dr.A.Vijayalakshmi
HOD/BME

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)
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MADAGADIPET, PUDUCHERRY - 605 107

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

SMVEC/Head-AI&DS/INT/AAA/25-26/01 20.03.2026

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC / 01 / Circular / dated 16.02.2026

Action Taken Report for Non-Conformance in AAA, which was held on 14.03.2026

Section No.	Particular	Comments	Remarks
SECTION – III: TEACHING, LEARNING AND EVALUATION			
3.1	**Course Delivery**	Lesson Plan needs to be modified as per the common format of the college. Documents need to have a uniformity in presenting data.	Department faculty members were instructed to revise the lesson plans according to the prescribed common format of the institution. Standardized templates and uniform documentation practices have been implemented across all course files.
3.7	**Learning Outcomes**	Need mapping of PO's and PSO's of various activities conducted.	PO and PSO mapping formats were prepared and communicated to all faculty members. Mapping of departmental activities, course activities, and student participation records with relevant PO's and PSO's is being carried out systematically.

Thanking you

Yours faithfully

HoD/AI&DS

(Dr.J.Madhusudanan)

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AND BUSINESS SYSTEMS

Ref: SMVEC/IQAC/INT/Circular/2025-2026 /11/ dated 16.03.2026 **Date**: 18.03.2026

To
The IQAC Coordinator,
Sri Manakula Vinayagar Engineering College,
Madagadipet, Puducherry – 605107.

Subject: Submission of Action Taken Report for Non-Conformances Observed in Internal AAA for AY 2025–2026 - Reg.

Dear Sir,

With reference to the above-cited communication, the Action Taken Report on the observations made during the Internal-Academic and Administrative Audit (AAA) held on 14th March 2026 for the Department of Computer Science and Engineering and Business Systems is furnished below for your kind perusal.

ACTION TAKEN REPORT

Section No.	Particulars	Remarks / Observation by AAA Committee	Action Taken / Proposed Measures
SECTION – III: TEACHING, LEARNING AND EVALUATION			
3.7	Learning Outcomes	CO–PO mapping needs improvement	The CO–PO mapping process has been strengthened to ensure measurable Course Outcomes with proper Bloom's Taxonomy and Program Outcome alignment. Course-wise CO–PO mapping and attainment records will be maintained and periodically verified for continuous improvement.
SECTION -VII: STUDENT PROGRESSION			
7.1	Placements	The average salary package can be improved	Skill training, coding practice, aptitude sessions, mock interviews, and company-specific preparation will be conducted from the second year onwards. The department will coordinate with the Placement Cell to invite more core and high-package recruiters and monitor student progress regularly.

Submitted by
18/3/26
Dr.M.Auxilia
Professor and Head
Department of Computer Science and
Engineering and Business Systems

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION) 26

DEPARTMENT OF COMPUTER AND COMMUNICATION ENGINEERING

SMVEC/Head-CCE/INT/AAA/2025-26/03 19.03.2026

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC / INT/ AAA / 2025-26 / 12

Action Taken Report for Non-Conformance in AAA, which was held on 14.03.2026

Section No.	Particular	Remarks	Action taken
SECTION - V: RESEARCH, INNOVATION AND PUBLICATIONS			
5.3	Research Projects / Funding	No funded projects reported. Faculty to be motivated to submit proposals to external agencies.	Faculty members have been motivated and guided to submit research proposals to various external funding agencies through proposal-writing support and the identification of suitable funding opportunities.
SECTION - VI: COLLABORATIONS AND LINKAGES			
6.4	Functional Memorandum of Understanding (MoU)	Collaboration and Linkages need improvement.	The steps have been taken to improve collaboration and linkages by connecting with industries and institutions and organizing activities in forthcoming semester.

Thanking you

Yours faithfully

HoD – CCE
(Dr.R.Saravanan)

SCHOOL OF ARCHITECTURE

SMVEC/Principal-B.Arch. EXT/AAA/05 19.03.2026

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC /EXT/ AAA / 2025-26 / 13

Action Taken Report for Non-Conformances in AAA, which was held on 16.03.2026.

Section No.	Particular	Comments	Remarks
SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS			
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Need more focus on research and grants.	Faculty members will be encouraged to apply for funded research projects through AICTE, DST, SERB, and other agencies by conducting proposal writing workshops and research review meetings.
5.2	Consultancy Works	Needs Improvement.	Faculty members will be motivated to undertake consultancy activities, industry collaborations, and technical advisory services related to architecture and allied fields.
5.3	Faculty Publications	There is scope for improvement.	Faculty members will be encouraged to enhance publication activities through research collaborations, FDPs, workshops, and participation in national and international conferences.

Thanking you

Yours faithfully

Principal –School of Architecture
(Ar.S.Manoharan)

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SMVEC/Head-MCA/INT/AAA/2025-26/02 04.05.2026

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC / INT/ AAA / 2025-26 / 01

Action Taken Report for Non-Conformance in AAA, which was held on 14.03.2026

Section No.	Particular	Comments	Remarks
SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS			
5.1	Research Grants, Projects Completed and on-going from various Funding agencies	Needs more focus on research and grants	Faculties are insisted to publish the in Scopus and other reputed International journal. Faculties are insisted to prepare proposals to apply and get grants.
SECTION – VIII : ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT			
8.2	FDP, Workshop	FDP and Workshop needs to be improved	Faculties are insisted to organize subject wise Workshop and department based FDP in this semester.

Thanking you

Yours faithfully

HoD –MCA
(Mr.R.Ramakrishnan)

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE

DEPARTMENT OF MANAGEMENT STUDIES

03.10.2025

Sir,

Sub: Action Taken Report for Non-Conformances in AAA - Reg.

Ref: SMVEC/IQAC/INT/AAA/2025-26/15

Action Taken Report for Non-Conformances in AAA Internal, which was held on 14.03.2026.

Section No.	Particular	Remarks	Action Taken
SECTION-V: RESEARCH, INNOVATIONS AND PUBLICATIONS			
8.2	FDP / Workshop/STTP / Conference for faculty	FDP and workshop need to be improved.	➢ FDPs and workshops are planned and conducted regularly with external experts to improve faculty development. ➢ Faculty members are encouraged to participate in external FDPs, STTPs, and conferences with institutional support.

Thanking You

Dean/DMS