



**SRI MANAKULA VINAYAGAR**  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



INTERNAL QUALITY ASSURANCE CELL

# ACADEMIC AND ADMINISTRATIVE AUDIT REPORT

## INTERNAL AUDIT

ACADEMIC YEAR 2024-2025

DATE: 07.03.2025 AND 08.03.2025





SMVEC/IQAC/01/Note/25/

24.02.2025

**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 07.03.2025 and 08.03.2025 for the Academic Year 2024-2025 (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.R.Saravanan	Professor/ IT	EEE and AI&DS
	Dr.J.Pavalavana Pandian	Associate Professor/ Mech	
2	Dr.D.Raja	Associate Professor/ EEE	ECE and MCTR
	Dr.K.Hemalatha	Associate Professor/ MECH	
3	Dr.K.Naveen Kumar	Associate Professor/ ICE	CSE and CSEBS
	Dr.S.B.Lenin	Professor/ ECE	
4	Dr.D.Sivaraj	Associate Professor/ EEE	IT and BME
	Dr.R.Ramachandiran	Associate Professor/ CSE	
5	Dr. N.Thilagavathi	Professor/ IT	MECH and ICE
	Dr.S.Pougajendy	Professor/ MBA	
6	Dr.R.Ravi Sankar	Professor/ MECH	CCE and CIVIL
	Dr.R.Sivakumar	Assistant Professor/ MBA	
7	Dr.J.Pradeep	Associate Professor/ ECE	B..ARCH and FT
	Dr.S.Ganesh Kumaran	Associate Professor/ EEE	
8	Dr.M.Ganesan	Associate Professor/ CSE	MCA and MBA
	Dr.L.Martin	Associate Professor/ MECH	

(Dr. Arivalagar.AA)  
IQAC Coordinator

For Approval

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



27.03.2025

### **A Preamble to Academic and Administrative Audit**

The Academic and Administrative Audit (AAA) aims to ensure quality sustenance in all practices of academic and administrative system of the institution. As a part of the audit process, the IQAC has structured a format for the evaluation based on the Criteria specification by NAAC. The main objective of the audit is to review, assess and evaluate the performance of various criteria as listed below

1. Curricular Aspects
2. Teaching, Learning and Evaluation
3. Feedback of Stake holders
4. Research, Innovation and Publications
5. Collaboration and Linkages
6. Student Progression
7. Activities Conducted/ Organized by the Department
8. Achievements by students and faculty members

This will ensure quality assurance to its stakeholders. The auditing process of the above stated criteria is carried out biannually one at the end of the odd semester by the internal expert members and the other at the end of the academic year covering both semesters by the external peer members.

This AAA was conducted by nominating Internal faculty members and communicated to department heads through an internal circular dated 24.02.2025. internal expert members from various departments participated in conducting this audit and was conducted on March 7- 8, 2025.

The audit observations are presented as a non-conformance report, sent to the respective Heads of the Department and the action taken report for the non-conformances is submitted by the respective Head of the department is also attached in this report.

**IQAC Coordinator**  
(Dr.AA.Arivalagar)

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





SMVEC / IQAC / 2024-2025 /CIRCULAR /

Date: 24.02.2025

**CIRCULAR**

This is to inform that IQAC plan to conduct an Internal Academic and Administrative Audit (AAA) for the academic year 2024-25 (odd semester) on March 7<sup>th</sup> and 8<sup>th</sup> 2025. In this connection, All HoD's are requested to prepare the AAA report as per the format provided by IQAC. The soft copy of the AAA report needs to be shared to IQAC mail (iqac@smvec.ac.in) on or before 03.03.25. The internal expert members nominated by IQAC will verify all the details provided in AAA report along with supporting documents.

Your cooperation in this regard is highly appreciated.

(Dr. Ariyalagar.AA)  
IQAC Coordinator

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

**A copy submitted to Director cum Principal**

Cc

The Controller of Examinations | Dean Academics (Circuit) | Dean Academics (Core) | Dean, R&D 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) | Office file



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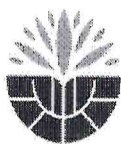
**SRI MANAKULA VINAYAGAR**  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



INTERNAL QUALITY ASSURANCE CELL

## **ACADEMIC AND ADMINISTRATIVE AUDIT**

### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**



**ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR  
ELECTRICAL AND ELECTRICAL ENGINEERING**

**Academic Year: 2024-2025**

**Internal Audit**

**SECTION -1: BASIC INFORMATION**

Audit Date	07.03.2025			
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		Approved Intake	
	U.G Program -B.Tech EEE		120	
Programs Discontinued if any	M.Tech – Power Electronics and Drives			
Number of full time Teachers	Designation	Available	Sanctioned	Filled
	Professor	03		
	Associate Professor	05		
	Assistant Professor	20		
Number of Technical Staff	06			
Number of Students	For UG :			For PG : —
	Year	M	F	Total
	First Year	73	39	112
	Second Year	82	30	112
	Third Year	82	30	112
	Fourth Year	64	24	88
	Total	301	123	424
	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	B.Tech - EEE	R-2023	28.08.2024

### Summary of changes in Curriculum/syllabus

S. No.	Regulation	Year / Semester	Course Name with Code	Unit	Changes Incorporated
1	R-2023	II /IV	Control Systems / U23EEB402	III	The topics under the title, "Compensator Design" are removed
				IV	The experiment "Simulation for Stability analysis using Routh-Hurwitz method" is included
				V	The experiment "Design and simulation of Lead-Lag Compensator for DC Motor" is removed
2	R-2023	IV/VII	Electric and Hybrid Vehicles / U23EEDC02	-	Course Name "Electric Vehicles" is changed to "Electric and Hybrid Vehicles" (U23EEDC02) and made as Common Course for all departments
3	R-2023	III /V	Electrical Measurements and Instrumentation / U23EET509	II	Unit Title is changed from "Electrical Instruments" to "Analog Instruments"
				IV	Unit Title and sub title are changed from "Display Devices" to "Display Units"
				V	The topics under the sub title, Level: DP cell, Ultrasonic are removed
4	R-2023	III /V	Microprocessor and Microcontroller / U23EET510	III	The topics, "External Interrupt programming and EEPROM programming" are removed
				IV	The topics, "IR sensor interfacing - PIR sensor interfacing" are included
5	R-2023	III /VI	Power System Analysis / U23EET611	V	The topic, "Numerical integration methods" is removed
6	R-2023	III /VI	Electrical Machine Design / U23EEB603	I	The topics, "Design of Magnetic circuit, Magnetizing current, and Calculation of MMF" have been replaced by "Calculation of Magnetic circuits".
				II	The topic "Magnetic leakage calculations" is removed
7	R-2023	III /V	Utilization of Electrical Energy / U23EEE506	III	The topic, "Laws of Thermodynamics" is included
				V	The topic, "Domestic Appliances" is removed and the topic "Batteries and its types" are included
				-	The text Book, "S.S.UPPAL, Utilization of Electrical Energy, Khanna Publishers, 4th Edition, 2022" is included



8	R-2023	III / VI	Internet of Things for Smart System / U23EEE615	II	The processors, "ESP8266 and ESP32" are included
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**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	IV / VII	Professional Elective – IV: Fuzzy Logic and Neural Networks	U20ICCM01	88
2	III / V	Professional Elective – II: Utilization of Electrical Energy	U20EEE506	56
3	III / V	Professional Elective – II: Electrical Energy Audit and Conservation	U20EEE508	56

**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	ECE	Open Elective – IV: Internet of Things	U20ECCM04	88
2.	III / V	MBA	Open Elective – II: Product Development and Design	U20HSO501	112

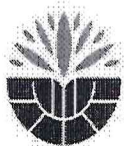
**2.5. List of Skill Development Courses offered by the department**

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1	III / V	Skill Development Course 4: Career and Professional Skill Development Program - I	U20EES504	112
2	III / V	Skill Development Course 5: Presentation Skill using ICT	U20EES505	112
3	II / III	Skill Enhancement Course – I: Design of Solar power plant and Installation	U23EES301	112

**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	Certification Course – V: Web Programming - I	U20EEC590	112
2.	II / III	Certification Course – III: Angular JS	U23EEC338	112
3.	I / I	Certification Course – I: Web Application Development (HTML, CSS, JS)	U23EEC176	112





### 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	U20EEM707	88
2.	III / V	Indian Constitution	U20EEM505	112
3.	II / III	Climate Change	U23EEM303	112
4.	I / I	Induction Programme (UHV- I)	U23EEM101	112

### 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.	IV/VII	Industrial Training on Electrical Vehicles	-	01	01
2.	III/V		-	36	36
3.	II/III		-	28	28

## SECTION - 3: TEACHING, LEARNING AND EVALUATION

### 3.1 Course Delivery

Batch: 2024 – 2028: I / I / A

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
<b>Theory</b>						
1	Engineering Mathematics – I	U23MATC01	Mrs. S.Revathi	60	60	60
2	Physical Science for Engineers	U23BSTC01	Dr. Samuel, Dr. K.Karthikeyan	45	45	58
3	Engineering Mechanics	U23ESTC02	Mr. M.Gunasekar	45	45	45
4	Electrical Engineering	U23EET101	Mr. R.Vigneshi	45	45	54
5	Electronics – I	U23EET102	Mrs. D.Meena	45	45	59
<b>Theory cum Practical</b>						
6	Communicative English – I	U23ENBC01	Mr. M. Elamaran	60	60	46
<b>Practical</b>						
7	Design Thinking and Idea Lab	U23ESPC02	Dr. S.Ganesh kumaran	30	30	30
8	Electrical Engineering Laboratory	U23EEP101	Mr. R.Vignesh	30	30	30
9	Electronics – I Laboratory	U23EEP102	Mrs. D.Meena	30	30	30
<b>Ability Enhancement Course</b>						
10	Certification Course – I: Web Applications Development (HTML, CSS, JS)	U23EEC176	Mr. J.Muruganandham	50	50	50
<b>Mandatory Course</b>						
11	Induction Programme (UHV- I)	U23EEM101	Mr. R.Vignesh	60	60	60



**Batch: 2024 – 2028: I / I / B**

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
<b>Theory</b>						
1	Engineering Mathematics – I	U23MATC01	Mrs. M.Subathra	60	60	60
2	Physical Science for Engineers	U23BSTC01	Dr. Samuel, Dr. K.Karthikeyan	45	45	61
3	Engineering Mechanics	U23ESTC02	Mr. G.Harish	45	45	45
4	Electrical Engineering	U23EET101	Mr. J.Gnanavel	45	45	45
5	Electronics – I	U23EET102	Mr. C.Adrien Perianayagam	45	45	45
<b>Theory cum Practical</b>						
6	Communicative English – I	U23ENBC01	Mr. M. Elamaran	60	60	52
<b>Practical</b>						
7	Design Thinking and Idea Lab	U23ESPC02	Dr. S.Ganesh kumaran	30	30	30
8	Electrical Engineering Laboratory	U23EEP101	Mr. J.Gnanavel	30	30	30
9	Electronics – I Laboratory	U23EEP102	Mr. C.Adrien Perianayagam	30	30	30
<b>Ability Enhancement Course</b>						
10	Certification Course – I: Web Applications Development (HTML, CSS, JS)	U23EEC176	Mr. G.Rajavel	50	50	50
<b>Mandatory Course</b>						
11	Induction Programme (UHV-I)	U23EEM101	Mr. C.Adrien Perianayagam	60	60	60

**Batch: 2023 – 2027: II / III / A**

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
<b>Theory</b>						
1	Probability and Statistics	U23MATC03	Mrs. M.Subathra	60	60	52
2	Programming in Python	U23ADTC01	Mr. J.Muruganandham	45	45	56
3	Electromagnetic Theory	U23EET304	Mr. R.Vignesh	45	45	38
4	Electrical Machines – I	U23EET305	Mr. B.Raghunath	45	45	52
5	Electronics – III	U23EET306	Dr. M.Susithra	45	45	45
<b>Theory cum Practical</b>						
6	Electric Circuit Analysis	U23EEB301	Dr. P.Jamuna	60	60	64
<b>Practical</b>						





7	General Proficiency – I	U23ENPC01	Ms. R. Gajalakshmi	30	30	30
8	Engineering Mathematics Laboratory	U23MAPC01	Mrs. S.Revathi	30	30	30
9	Programming in Python Laboratory	U23ADPC01	Mr. J.Muruganandham	30	30	30
10	Electrical Machines – I Laboratory	U23EEP304	Mr. B.Raghunath	30	30	30
<b>Ability Enhancement Course</b>						
11	Certification Course – III: Angular JS	U23EEC338	Mr. J.Muruganandham	50	50	50
12	Skill Enhancement Course – I: Design of Solar power plant and Installation	U23EES301	Mr. K.Thangaraj	30	30	30
<b>Mandatory Course</b>						
13	Climate Change	U23EEM303	Mr. B.Raghunath	30	30	30

**Batch: 2023 – 2027: II / III / B**

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
<b>Theory</b>						
1	Probability and Statistics	U23MATC03	Mrs. M.Subathra	60	60	56
2	Programming in Python	U23ADTC01	Mr. S.Elanthamizh	45	45	45
3	Electromagnetic Theory	U23EET304	Mr. R.Rajtilak	45	45	45
4	Electrical Machines – I	U23EET305	Mr. G.Rajavel	45	45	45
5	Electronics – III	U23EET306	Mr. S.Elanthamizh	45	45	45
<b>Theory cum Practical</b>						
6	Electric Circuit Analysis	U23EEB301	Dr. D.Raja	60	60	64
<b>Practical</b>						
7	General Proficiency – I	U23ENPC01	Ms. R. Gajalakshmi	30	30	33
8	Engineering Mathematics Laboratory	U23MAPC01	Mrs. M.Subathra	30	30	30
9	Programming in Python Laboratory	U23ADPC01	Mr. S.Elanthamizh	30	30	30
10	Electrical Machines – I Laboratory	U23EEP304	Mr. J.Gnanavel	30	30	30
<b>Ability Enhancement Course</b>						
11	Certification Course – III: Angular JS	U23EEC338	Mr. G.Rajavel	50	50	50
12	Skill Enhancement Course – I: Design of Solar power plant and Installation	U23EES301	Mr. S.Elanthamizh	30	30	30
<b>Mandatory Course</b>						
13	Climate Change	U23EEM303	Mr. B.Raghunath	30	30	30



**Batch: 2022 – 2026: III / V / A**

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
<b>Theory</b>						
1	Numerical Methods and Optimization	U20BST542	Mrs. S.Revathi	60	60	54
2	Power Electronics	U20EET513	Mr. S.John Powl	45	45	59
3	Control Systems	U20EET514	Mr. G.Rajavel	60	60	67
4	Transmission and Distribution	U20EET515	Mr. K.Thangaraj	45	45	45
<b>Professional Elective - II</b>						
5	Utilization of Electrical Energy	U20EEE506	Dr. M.Prabhavathi	45	45	45
	Electrical Energy Audit and Conservation	U20EEE508	Mr. B.Raghunath	45	45	45
<b>Open Elective-II</b>						
6	Product Development and Design	U20HSO501	Mrs. M.Angela Mary	45	45	45
<b>Practical</b>						
7	Numerical Methods and Optimization Lab	U20BSP543	Mr. S.Elanthamizh	30	30	31
8	Power Electronics and Drives Lab	U20EEP510	Dr. U.Surendra kumaran	30	30	31
9	Control Systems Lab	U20EEP511	Mr. G.Rajavel	30	30	31
<b>Employability Enhancement Course</b>						
10	Certification Course – V: Web Programming - I	U20EEC590	Mr. J.Muruganandham	50	50	50
11	Skill Development Course 4: Career and Professional Skill Development Program - I	U20EES504	Mr. J.Muruganandham	30	30	30
12	Skill Development Course 5: Presentation Skill using ICT	U20EES505	Dr. S.Ganesh kumaran	30	30	30
<b>Mandatory Course</b>						
13	Indian Constitution	U20EEM505	Mr. R.Ragupathy	30	30	13

**Batch: 2022 – 2026: III / V / B**

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
<b>Theory</b>						
1	Numerical Methods and Optimization	U20BST542	Mrs. S.Revathi	60	60	56
2	Power Electronics	U20EET513	Dr. D.Sivaraj	45	45	55
3	Control Systems	U20EET514	Mr. S.John Powl	60	60	67





4	Transmission and Distribution	U20EET515	Mr. R.Ragupathy	45	45	46
<b>Professional Elective - II</b>						
5	Utilization of Electrical Energy	U20EEE506	Dr. M.Prabhavathi	45	45	45
	Electrical Energy Audit and Conservation	U20EEE508	Mr. B.Raghunath	45	45	45
<b>Open Elective-II</b>						
6	Product Development and Design	U20HSO501	Mrs. G.Ramya	45	45	45
<b>Practical</b>						
7	Numerical Methods and Optimization Lab	U20BSP543	Mrs. D.Meena	30	30	31
8	Power Electronics and Drives Lab	U20EEP510	Dr. D.Sivaraj	30	30	31
9	Control Systems Lab	U20EEP511	Mr. S.John Powl	30	30	31
<b>Employability Enhancement Course</b>						
10	Certification Course – V: Web Programming - I	U20EEC590	Mr. G.Rajavel	50	50	50
11	Skill Development Course 4: Career and Professional Skill Development Program - I	U20EES504	Mr. C.Adrien Perianayagam	30	30	30
12	Skill Development Course 5: Presentation Skill using ICT	U20EES505	Mrs. D.Meena	30	30	30
<b>Mandatory Course</b>						
13	Indian Constitution	U20EEM505	Mr. R.Ragupathy	30	30	13

**Batch: 2021 – 2025: IV / VII / A**

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
<b>Theory</b>						
1	Industrial Automation and Control	U20EET720	Dr. S.Ganesh kumaran	45	45	47
2	Electric Vehicle Technology	U20EECM02	Mr. C.Adrien Perianayagam	45	45	45
<b>Professional Elective - IV</b>						
3	Fuzzy Logic and Neural Networks	U20ICCM01	Dr. S.Anbumalar	45	45	45
<b>Open Elective-IV</b>						
4	Internet of Things	U20ECCM04	Mr. R.Rajtilak	45	45	45
<b>Practical</b>						
5	Business Basics for Entrepreneur	U20HSP703	Dr. A.Vinoth	30	30	30
6	Industrial Automation and Control Lab	U20EEP715	Dr. M.Susithra	30	30	30
7	Electric and Hybrid Vehicle Lab	U20EEP716	Mr. C.Adrien Perianayagam	30	30	30
8	Electrical Software Simulation Lab	U20EEP717	Dr. U.Surendra kumaran	30	30	30
<b>Project Work</b>						
9	Project Phase – I	U20EEW701	Dr. D.Raja	60	60	60



10	Internship / Inplant Training	U20EEW702	Dr. S.Ganesh kumaran	-	-	-
<b>Mandatory Course</b>						
11	Professional Ethics	U20EEM707	Mr. K.Thangaraj	30	30	30

**Batch: 2021 – 2025: IV / VII / B**

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
<b>Theory</b>						
1	Industrial Automation and Control	U20EET720	Mr. A.Janagiraman	45	45	49
2	Electric Vehicle Technology	U20EECM02	Mr. B.Parthiban	45	45	45
<b>Professional Elective - IV</b>						
3	Fuzzy Logic and Neural Networks	U20ICCM01	Mr. J.Muruganandham	45	45	45
<b>Open Elective-IV</b>						
4	Internet of Things	U20ECCM04	Mr. K.Thangaraj	45	45	45
<b>Practical</b>						
5	Business Basics for Entrepreneur	U20HSP703	Mr. A. Vinoth	30	30	30
6	Industrial Automation and Control Lab	U20EEP715	Mr. A.Janagiraman	30	30	30
7	Electric and Hybrid Vehicle Lab	U20EEP716	Mr. B.Parthiban	30	30	30
8	Electrical Software Simulation Lab	U20EEP717	Mr. J.Muruganandham	30	30	30
<b>Project Work</b>						
9	Project Phase – I	U20EEW701	Dr. P.Jamuna	60	60	60
10	Internship / Inplant Training	U20EEW702	Dr. S.Ganesh kumaran	-	-	-
<b>Mandatory Course</b>						
11	Professional Ethics	U20EEM707	Dr. D.Sivaraj	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	Electric Circuit Analysis - U23EEB301	Multisim, Proteus
		Project Phase – I - U20EEW701	GitHub, Google Docs
3.	Dr. D. Raja	Electric Circuit Analysis - U23EEB301	Multisim, Proteus
		Project Phase – I - U20EEW701	GitHub, Google Docs
4.	Dr. M. Prabavathi	Professional Elective – II: Utilization of Electrical Energy - U20EEE506	MATLAB, ETAP
		Fundamentals of Electrical Machines Laboratory - U23ICP102	MATLAB/Simulink, LabVIEW
5.	Dr. M. Susithra	Electronics –III - U23EET306	Multisim, Proteus
		Industrial Automation and Control Lab -	Siemens TIA Portal





		U20EEP715	
		Industrial Automation and Control - U20EET720	SCADA
6.	Dr. S. Ganesh Kumaran	Design Thinking and IDEA Lab - U23ESPC02	Canva, Fusion 360
		Skill Development Course 5: Presentation Skill using ICT U20EES505	Canva, Prezi, Microsoft PowerPoint
		Power Electronics - U20EET513	MATLAB Simulink, PSIM, Multisim
7.	Dr. D. Sivaraj	Power Electronics and Drives Lab - U20EEP510	MATLAB Simulink, PSIM
		Professional Ethics: U20EEM707	Mentimeter, Google Forms, Kahoot
		Basics of Electrical and Electronics Engineering - U23ESTC03	MATLAB Simulink
8.	Dr. U.Surendra Kumaran	Power Electronics and Drives Lab - U20EEP510	MATLAB Simulink, PSIM
		Electrical Software Simulation Lab - U20EEP717	MATLAB, ETAP, Multisim
		Basics of Electrical and Electronics Engineering - U23ESTC03	Multisim
9.	Mr. B. Parthiban	Electric Vehicle Technology - U20EECM02	MATLAB (EV Toolbox)
		Electric and Hybrid Vehicle Lab - U20EEP716	MATLAB Simulink
		Control Systems - U20EET514	MATLAB/Simulink, Control Toolbox
10.	Mr. S. Johnpowl	Control Systems Lab - U20EEP511	MATLAB Simulink
		Power Electronics - U20EET513	MATLAB Simulink, PSIM, Multisim
		Basics of Electrical and Electronics Engineering - U23ESTC03	MATLAB Simulink
11.	Mr. A. Janagiraman	Basics of Electrical and Electronics Engineering Laboratory - U23ESPC01	Tinkercad
		Industrial Automation and Control - U20EET720	MATLAB Simulink
		Industrial Automation and Control Lab - U20EEP715	MATLAB Simulink
		Transmission and Distribution - U20EET515	Canva, Google Slides
		Open Elective IV: Internet of Things U20ECCM04	Arduino IDE
12.	Mr. K. Thangaraj	Basics of Electrical and Electronics Engineering Laboratory - U23ESPC01	MATLAB Simulink
		Skill Enhancement Course - I - U23AES301	Canva, Google Slides
		Professional Ethics: U20EEM707	Mentimeter, Google Forms, Kahoot
13.	Mr. J. Muruganandham	Programming in Python - U23ADTC01	Google Colab
		Programming in Python Laboratory - U23ADPC01	Google Colab



		Professional Elective – IV: Fuzzy Logic and Neural Networks - U20ICCM01	MATLAB, Python
		Electrical Software Simulation Lab - U20EEP717	MATLAB, ETAP, Multisim
14	Mr. C. Adrien Perianayagam	Electronics – I - U23EET102	Multisim, Proteus
		Electronics – I Laboratory - U23EEP102	Virtual Labs
		Electric Vehicle Technology - U20EECM02	MATLAB Simulink
		Electric and Hybrid Vehicle Lab - U20EEP716	MATLAB Simulink
15	Mr. R. Ragupathy	Transmission and Distribution - U20EET515	Canva, Google Slides
		Basics of Electrical and Electronics Engineering Laboratory - U23ESPC01	MATLAB Simulink
		Basics of Electrical and Electronics Engineering Laboratory - U23ESPC01	MATLAB Simulink
		Indian Constitution - U20EEM505	Canva, Google Slides
16	Mr. R. Rajtilak	Electromagnetic Theory - U23EET304	MATLAB, COMSOL Multiphysics
		Basics of Electrical and Electronics Engineering - U23ESTC03	MATLAB Simulink
		Open Elective IV: Internet of Things - U20ECCM04	Canva, Google Slides
		Basics of Electrical and Electronics Engineering Laboratory: U23ESTC03	MATLAB Simulink
17	Mr. A. Narendran	Electrical Technology - U23EETC01	Canva, Google Slides
		Electrical Technology Laboratory - U23EEPC01	Canva, Google Slides
		Basics of Electrical and Electronics Engineering - U23ESTC03	MATLAB Simulink
18	Mr. I. Shivasankkar	Electrical Technology - U23EETC01	MATLAB Simulink
		Electrical Technology Laboratory - U23EEPC01	MATLAB Simulink
19	Mr. K. Manikanda Prabhu	Basics of Electrical and Electronics Engineering - U23ESTC03	MATLAB Simulink
		Basics of Electrical and Electronics Engineering - U23ESTC03	MATLAB Simulink
		Basics of Electrical and Electronics Engineering Laboratory - U23ESPC01	MATLAB Simulink
20	Mrs. K. Kavinelavu	Basics of Electrical and Electronics Engineering: U23ESTC03	MATLAB Simulink
		Electrical Technology - U23EETC01	Multisim
		Electrical Technology Laboratory - U23EEPC01	LabVIEW
21	Mr. G. Rajavel	Control Systems - U20EET514	MATLAB Simulink
		Control Systems Lab - U20EEP511	MATLAB Simulink
		Electrical Machines – I - U23EET305	MATLAB Simulink
		Electrical Technology Laboratory - U23EEPC01	MATLAB Simulink
22	Mr. R. Vignesh	Electrical Engineering - U23EET101	Multisim





		Electromagnetic Theory - U23EET304	MATLAB, COMSOL Multiphysics
		Electrical Engineering Laboratory - U23EEP101	Virtual Labs
23	Ms. T. Abinayasaraswathy	Basics of Electrical and Electronics Engineering - U23ESTC03	MATLAB Simulink
		Basics of Electrical and Electronics Engineering Laboratory - U23ESPC01	MATLAB Simulink
		Basics of Electrical and Electronics Engineering Laboratory - U23ESPC01	MATLAB Simulink
24	Mr. S Elanthamizh	Programming in Python - U23ADTC01	Google Colab
		Programming in Python Laboratory - U23ADPC01	Google Colab
		Electronics –III - U23EET306	MATLAB Simulink
		Numerical Methods and Optimization Lab - U20BSP543	MATLAB, Scilab, Octave
		Skill Enhancement Course – I - U23AES301	Canva, Google Slides
25	Mrs .D. Meena	Electronics – I - U23EET102	MATLAB Simulink
		Electronics – I Laboratory - U23EEP102	MATLAB Simulink
		Numerical Methods and Optimization Lab - U20BSP543	MATLAB, Scilab, Octave
		Skill Development Course 5: Presentation Skill using ICT - U20EES505	PowerPoint
26	Mr. J. Gnanavel	Electrical Engineering - U23EET101	Multisim
		Electrical Engineering Laboratory - U23EEP101	Virtual Labs
		Electrical Machines – I Laboratory - U23EEP304	Virtual Labs
27	Mrs A.S. Amathullah	Basics of Electrical and Electronics Engineering - U23ESTC03	MATLAB Simulink
		Basics of Electrical and Electronics Engineering Laboratory - U23ESPC01	MATLAB Simulink
		Basics of Electrical and Electronics Engineering Laboratory - U23ESPC01	MATLAB Simulink
28	Mr. B. Raghunath	Electrical Machines – I - U23EET305	MATLAB Simulink, Virtual Labs
		Electrical Machines – I Laboratory - U23EEP304	Virtual Labs
		Professional Elective – II: Electrical Energy Audit and Conservation - U20EEE508	MATLAB
		Climate Change - U23EEM303	Climate Data Portal

### 3.3 List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1.	Embedded Systems in Electric Vehicles:	Er. S. Selva Kumar, Senior Engineer, Qualcomm India Private Limited,	27.07.2024	112



	Opportunities and Challenges	Bengaluru		
2.	Machine Learning Algorithms for Power System Forecasting	Mr.Abdul razaak A, Software Engineer, Accenture, Bengaluru	27.07.2024	56
3.	Python for Embedded Systems Development	Ms. Rajani Manchineella, Graduate Engineer Trainee, HCL Technologies, Bengaluru	10.08.2024	112
4.	Mastering Interview Skills, Strategies and Guidelines for Success	Er.S. Selva Kumar, Senior Engineer, Qualcomm India Private Limited, Bengaluru	15.08.2024	88
5.	Entrepreneurship and Startups in the Electrical Engineering Industry	Mr.Gobidhan, CEO, Accenous Integrals and Ms.Saranya, Director- Business Development, Accenous Integrals, Puducherry	12.09.2024	112
6.	The role of Electric Vehicles in Modern Engineering	Dr.G.K. Sathish Kumar, Deputy Manager, R&D Electrical Vehicle, LUCAS TVS, Nettapakkam, Puducherry	13.09.2024	112
7.	Data Mining Techniques and their applications for Electrical Engineers	Mr.Vishnuram, Software developer, HCL Technologies, Bengaluru and Mr.Pragadeeshwaran, Software Developer, Chennai	13.09.2024	56
8.	Internet of Things (IoT) for Smart Cities for Revolutionizing Urban Infrastructure	Mr.Brammananthan, Engineer, Whirlpool of India Limited, Puducherry	14.09.2024	112
9.	Open Source Tools for Electrical System Design and Development	Mr.P.Sivaraman, Senior Engineer, Tenneco Automotive India Pvt Ltd, Puducherry	14.09.2024	56
10.	The Scope of an Engineer in Hardware and Software Industry	Mr.Abdul razaak A, Software Engineer, Accenture, Bengaluru	14.09.2024	112
11.	Fundamentals of Electrical Safety and opportunities in Core Industries"	Mr. P.Sivaraman, Senior Engineer, EHS, Tenneco Automotive India Pvt. Ltd., Puducherry	14-09-2024	112
12.	Importance Of Simulation In Design And Testing"	Mr. Brammanatham, Senior Engineer, Whirlpool India Private Limited, Puducherry	16.09.2024	112
13.	IoT Applications at Neyveli Lignite Corporation India Limited	Er.Coumarane, Additional chief manager, NLC, Neyveli	26.09.2024	112
14.	The Role of Virtual Reality for Electrical Engineering	Mr. S. Sribalaji, Engineer, Harman International, Bengaluru	28.09.2024	56
15.	Recent Technologies in Energy-Efficient Lighting Systems	Mr. S. Sribalaji, Engineer, Harman International, Bengaluru	28.09.2024	56
16.	Guest Lecture On "Iot Based Smart Electrical System"	Mr. Ajith Kumar. V Founder And CEO, Shine Craft Technologies, Puducherry	28-09-2024	112
17.	AI-Driven Solutions for Renewable Energy Integration and Optimization	Ms. Anjana Berlin, Software Engineer, Accenture, Bengaluru and Ms. Arthi.V, Engineer, FOSEC, Puducherry	30.09.2024	56
18.	5G Technology and Its	Mr. Mohanraj, System Engineer, TCS		112

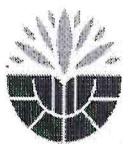




	Applications in EEE	Mr. Yogesh, Software Developer, Zoho, Chennai Mr. Mohanraaji, Associate Software Engineer, Metasoft, Bangalore	19-10-2024	
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### 3.4 Activities for Slow and Advanced Learners

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)
<b>Batch: 2024 – 2028: I / I / A</b>					
1	Engineering Mathematics – I	Mrs. S.Revathi	Yes	10	Yes
2	Physical Science for Engineers	Dr. Samuel, Dr. K.Karthikeyan	Yes	5	Yes
3	Engineering Mechanics	Mr. M.Gunasekar	Yes	10	Yes
4	Electrical Engineering	Mr. R.Vignesh	Yes	7	Yes
5	Electronics – I	Mrs. D.Meena	Yes	5	Yes
6	Communicative English – I	Mr. M. Elamaran	Yes	5	Yes
<b>Batch: 2024 – 2028: I / I / B</b>					
1	Engineering Mathematics – I	Mrs. M.Subathra	Yes	10	Yes
2	Physical Science for Engineers	Dr. Samuel, Dr. K.Karthikeyan	Yes	5	Yes
3	Engineering Mechanics	Mr. G.Harish	Yes	10	Yes
4	Electrical Engineering	Mr. J.Gnanavel	Yes	7	Yes
5	Electronics – I	Mr. C.Adrien Perianayagam	Yes	5	Yes
6	Communicative English – I	Mr. M. Elamaran	Yes	5	Yes
<b>Batch: 2023 – 2027: II / III / A</b>					
1	Probability and Statistics	Mrs. M.Subathra	Yes	10	Yes
2	Programming in Python	Mr. J.Muruganandham	Yes	5	Yes
3	Electromagnetic Theory	Mr. R.Vignesh	Yes	7	Yes
4	Electrical Machines – I	Mr. B.Raghunath	Yes	7	Yes
5	Electronics – III	Dr. M.Susithra	Yes	5	Yes
6	Electric Circuit Analysis	Dr. P.Jamuna	Yes	10	Yes
<b>Batch: 2023 – 2027: II / III / B</b>					
1	Probability and Statistics	Mrs. M.Subathra	Yes	10	Yes
2	Programming in Python	Mr. S.Elanthamizh	Yes	5	Yes
3	Electromagnetic Theory	Mr. R.Rajtilak	Yes	7	Yes
4	Electrical Machines – I	Mr. G.Rajavel	Yes	7	Yes
5	Electronics – III	Mr. S.Elanthamizh	Yes	5	Yes
6	Electric Circuit Analysis	Dr. D.Raja	Yes	10	Yes
<b>Batch: 2022 – 2026: III / V / A</b>					
1	Numerical Methods and Optimization	Mrs. S.Revathi	Yes	10	Yes
2	Power Electronics	Mr. S.John Powl	Yes	7	Yes
3	Control Systems	Mr. G.Rajavel	Yes	10	Yes
4	Transmission and Distribution	Mr. K.Thangaraj	Yes	7	Yes
5	Utilization of Electrical Energy	Dr. M.Prabhavathi	Yes	5	Yes
6	Electrical Energy Audit and Conservation	Mr. B.Raghunath	Yes	5	Yes



7	Product Development and Design	Mrs. M.Angela Mary	Yes	5	Yes
<b>Batch: 2022 – 2026: III / V / B</b>					
1	Numerical Methods and Optimization	Mrs. S.Revathi	Yes	10	Yes
2	Power Electronics	Dr. D.Sivaraj	Yes	7	Yes
3	Control Systems	Mr. S.John Powl	Yes	10	Yes
4	Transmission and Distribution	Mr. R.Ragupathy	Yes	7	Yes
5	Utilization of Electrical Energy	Dr. M.Prabhavathi	Yes	5	Yes
6	Electrical Energy Audit and Conservation	Mr. B.Raghunath	Yes	5	Yes
7	Product Development and Design	Mrs. G.Ramya	Yes	5	Yes
<b>Batch: 2021 – 2025: IV / VII / A</b>					
1	Industrial Automation and Control	Dr. S.Ganesh kumaran	Yes	5	Yes
2	Electric Vehicle Technology	Mr. C.Adrien Perianayagam	Yes	5	Yes
3	Fuzzy Logic and Neural Networks	Dr. S.Anbumalar	Yes	5	Yes
4	Internet of Things	Mr. R.Rajtilak	Yes	5	Yes
<b>Batch: 2021 – 2025: IV / VII / B</b>					
1	Industrial Automation and Control	Mr. A.Janagiraman	Yes	5	Yes
2	Electric Vehicle Technology	Mr. B.Parthiban	Yes	5	Yes
3	Fuzzy Logic and Neural Networks	Mr. J.Muruganandham	Yes	5	Yes
4	Internet of Things	Mr. K.Thangaraj	Yes	5	Yes

### 3.5 Counseling and Mentoring

No. of Students in Department		Number of Mentors in the Department		Mentor: Mentee Ratio	
424		28		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 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	-

### 3.7 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	<p>Attainment Level 1 --→50% and above of Students Secured ≥ B grade  Attainment Level 2 --→52% and above of Students Secured ≥ B grade  Attainment Level 3 --→54% and above of Students Secured ≥ B grade  <b>Batch: 2021 – 2025</b> Target: Level 3</p> <p>Attainment Level 1 --→55% and above of Students Secured ≥ B grade  Attainment Level 2 --→56% and above of Students Secured ≥ B grade  Attainment Level 3 --→57% and above of Students Secured ≥ B grade  <b>Batch: 2022 – 2026</b> Target: Level 1  <b>Batch: 2023 – 2027</b> Target: Level 2  <b>Batch: 2024 – 2028</b> Target: Level 3</p>
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

#### Batch 2024 – 2028 - I Year / I Semester

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	112	-
2	Number of All Clear Students	103	
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	9	
7	Passing Percentage	91.96	

#### Batch 2023 – 2027 - II Year / III Semester

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	112	-
2	Number of All Clear Students	104	
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	8
7	Passing Percentage	92.86

**Batch 2022 – 2026 - III Year / V Semester**

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	112	-
2	Number of All Clear Students	105	
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	
7	Passing Percentage	93.75	

**Batch 2021 – 2025 - IV Year / VII Semester**

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	88	-
2	Number of All Clear Students	82	
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	93.18	

**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		
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	23	
2	Employer feedback on curriculum with analysis and action taken report	Yes	16	
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	424	
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	43	
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	424	
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)
2	Dr. D.Raja, Dr. D.Sivaraj	Six-day Online Faculty Development Programme on “Design for manufacturing & Advanced Automation for Industry 4.0”	AICTE Training & Learning (ATAL)	1 Lakh	-

### 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 Puducherry Ltd.,	In progress	01 Year
<b>Total</b>				-	

### 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		G.Rajavel, Advanced Pollutant degradation	SCOPUS	-	-	-



		using sulphate radical electrochemical oxidation system with heterogeneous catalysts, Oxidation Communications, Vol.47, No.4,630-638 (2024) / ISSN 02094541				
2		<b>R Ragupathy</b> , 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	-	-	-
3		<b>Dr. Ganeshkumaran S</b> , Enhanced Hybrid 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	SCOPUS	-	-	-
4		<b>Dhandapani Meena</b> , 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	-	-	-
5	2023-2024	<b>Dr. Jamuna. P</b> , 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
6	2022-2023	<b>Dr. Anbumalar .S</b> , 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 : <a href="https://doi.org/10.32628/IJSRSET">https://doi.org/10.32628/IJSRSET</a>	UGC	-	-	-
7		<b>Dr. Jamuna. P</b> , 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: <a href="https://doi.org/10.32628/IJSRSET">https://doi.org/10.32628/IJSRSET</a>	UGC	-	-	-
8		<b>Dr. P. Jamuna</b> , 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 : <a href="https://doi.org/10.32628/IJSRSET">https://doi.org/10.32628/IJSRSET</a>	UGC	-	-	-
9		<b>Dr. D. Raja</b> , 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 : <a href="https://doi.org/10.32628/IJSRSET">https://doi.org/10.32628/IJSRSET</a>	UGC	-	-	-





10		<b>Adrien Periyannayagam. C</b> , 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 : <a href="https://doi.org/10.32628/IJSRSET">https://doi.org/10.32628/IJSRSET</a>	UGC	-	-	-
11		<b>Adrien Periyannayagam. C</b> , 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 : <a href="https://doi.org/10.32628/IJSRSET">https://doi.org/10.32628/IJSRSET</a>	UGC	-	-	-
12		<b>Muruganandham.J</b> , Greenhouse monitoring and control using IOT, International Journal of Engineering Technology and Management Sciences, Volume(7), Issue(2), PP-9-14, March - April 2023 DOI:10.46647/ijetms.2023.v07i02.002	UGC	-	-	-
13		<b>Muruganandham. J</b> , 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 : <a href="https://doi.org/10.32628/IJSRSET">https://doi.org/10.32628/IJSRSET</a>	UGC	-	-	-
14		<b>Dr .D .Sivaraj</b> , 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	-	-	-
15		<b>Mr.A.Janagiraman</b> , Offline UPS for Regenerative Loads, International Journal for Multidisciplinary Research, Volume(5), Issue(2), PP-1-8, March - April 2023, <a href="https://www.ijfmr.com/papers/2023/2/2377.pdf">https://www.ijfmr.com/papers/2023/2/2377.pdf</a>	UGC	-	-	-
16		<b>Mr.Ragupathy. R</b> , 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 : <a href="https://doi.org/10.32628/IJSRSET">https://doi.org/10.32628/IJSRSET</a>	UGC	-	-	-
17		<b>Mr.Shivasankkar. I</b> , 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	-	-	-
18	2021-2022	<b>Dr. M.Jayachandran</b> , K.Prasada Rao, Ranjith Kumar Gatla, C. Kalaivani, C. Kalaiaaras Operational concerns and solutions in smart electricity distribution systems, utilities Policy, vol. 74, pp.101329, 2022. ISSN: 0957-1787.	Science Index	01	-	-
19		<b>Dr. M.Jayachandran</b> , A Unique Interlinking	Science	08	-	-



	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.	Index			
20	<b>Dr. M.Jayachandran</b> , Operational planning steps in smart electric power delivery system, Scientific Reports, vol. 11, no. 1, pp. 1-21, 2021. ISSN: 2045-2322.	Science Index	-	-	-
21	<b>Dr. M.Jayachandran</b> , 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	-	-
22	<b>Dr. M.Jayachandran</b> , 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	-	-
23	<b>Dr. K. Gowrishankar</b> , Extended Over Modulation Zone Three-Dimensional SVPWM for Three-Level Neutral-Point-Clamped", Materials Today: Proceedings, Elsevier, Volume 52, Part 3, 2022, pp.: 1756-1762.	Science Index	-	-	-
24	<b>Ms.N.Swarnalakshmi</b> , Wireless power transmission for E-Vehicle by mutual coupling," Strad Research", Vol 8, Issue 8, Pages: 486 – 49, Aug 2021,ISSN: 0039-2049.	UGC	-	-	-
25	<b>Dr.S.Anbumalar</b> , 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	-	-	-
26	<b>Dr.S.Anbumalar</b> , 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	-	-	-

**Publication Details for Academic Year consider for Auditing**

Number of Publications in National Journals	-
Number of Publications in International Journals	04 (Published) + 02 (Accepted)
Number of Publications in National Conferences	-
Number of Publications in International Conferences	02
Number of Books / Book Chapters	-
Number of Patents (Filed)	10 (Applied)
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
Nil				

### International Journal

Sl.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, Issue, pp, Year /ISSN	Indexing
1.	Advanced Pollutant degradation using sulphate radical electrochemical oxidation system with heterogeneous catalysts	S.Krishna prasad, M.Narmada devi, <b>G.Rajavel</b> , Sandip Dashrath gorshetwar, bellam Surendra babu, kriti Srivastava, Mahendra Pratap singh, S.Chetna	Oxidation Communications	Vol.47, No.4,630-638 (2024) / ISSN 02094541	Scopus
2.	Analysis of Stability for Thermal System with Parametric Uncertainty	V. Venkatachalam, Dr. S.S. Nagamuthu Krishnan, <b>R Ragupathy</b> , M. Rehana	African Journal of Biomedical Research	Vol. 27, No. 3S, Page no. 5388-5400 Oct 2024 / 1119-5096	WoS
3.	Enhanced Hybrid Power Grid System Using Adaptive Fuzzy Logic Controller by Supraharmonics Reduction	Gowrishankar Kasilingam, Deivasigamani S, Rathina Prabha, Thankaraj A, Amirtharaj S, Ganeshkumaran S	International Journal of Applied Sciences & Development	Vol. 3, pp 176-185, Oct 2024 / E-ISSN: 2945-0454 DOI: 10.37394/232029.2 024.3.18	Scopus
4.	Performance evaluation of bridgeless isolated SEPIC-Luo converter for EV battery charging using PI and ANN controller	Dhandapani Meena	International Journal of Power Electronics and Drive Systems (IJPEDS)	Vol. 15, No. 2, pp. 935~946, Jun 2024 ISSN: 2088-8694, 10.11591/ijpeds.v15.i2.pp935-946	Scopus
5.	Investigation of Modal Properties of Rotor Systems using FEM and Mathematical Modeling for Turbocharger Optimization	<b>Mr.G.Rajavel</b>	International Journal of Vehicle Structures and Systems	0975-3540 (Accepted)	Scopus
6.	Attainment of Course Outcomes and Program Outcomes in Outcome Based Education	<b>K. Thangaraj, S. Anbumalar, P. Jamuna, A. Janagiraman</b>	Journal of Engineering Education Transformations	2394 - 1707 (Accepted)	Scopus



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**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	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, <b>Mr.K. Thangaraj</b>	Fourth International Conference on Power Electronics & Renewable Energy Systems (ICPERES - 2024)	International Conference on Power Electronics & Renewable Energy Systems	978-81-980294-5-4	Rajalakshmi Engineering College, Chennai
2	Real Time Monitoring and Analysis of String Faults in Solar Plant Using IoT	B.V. Sai Thrinath, B. Lakshmi Prasanna, <b>John Powl.S,</b> N. Sreeramula Reddy, Nagalingachary K, P Ponmurugan	International Conference on Sustainable Green Energy Technologies (ICSGET 2024)	International Conference on Sustainable Green Energy Technologies	2267-1242	EDP Sciences

**Books / Book Chapters**

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

**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
1	Sri Manakula Vinayagar Engineering College	Mr.C.Adrien Perianayagam Dr.D.Sivaraj Mr.R.Ragupathy Mr.R.Vignesh	Automated Mosquito Coil Stand Deployment System	-	-	Applied





2	Sri Manakula Vinayagar Engineering College	Dr.S.Ganesh Kumaran Dr.S.Anbumalar Mr.I.Shivasankkar Mrs.A.S.Amathullah	Image-Based Stone Detection and Removal in Diamond mining	-	-	Applied
3	Sri Manakula Vinayagar Engineering College	Dr.S.Anbumalar Mr.J.Muruganandham Dr.D.Raja Mr.S.Elanthamizh	Advanced security Enabled Handbag for Women	-	-	Applied
4	Sri Manakula Vinayagar Engineering College	Mr.S.Johnpowl Dr.P.Jamuna Mr.C.Adrien Perianayagam Ms.T.Abinayasaraswat hy	Cost efficient approach for power generation from Biogas	-	-	Applied
5	Sri Manakula Vinayagar Engineering College	Dr.D.Sivaraj Dr.D.Raja Mr.B.Parthiban Mr.C.Rajeshkumar	Portable Medical kit using Peltier Effect	-	-	Applied
6	Sri Manakula Vinayagar Engineering College	Dr.S.Anbumalar Mr.K.Thangaraj Mr.R.Ragupathy Mrs.D.Meena	Performance Evaluation of Industrial Grid-Tied Solar Power Plant	-	-	Applied
7	Sri Manakula Vinayagar Engineering College	Mr.G.Rajavel Mr.A.Janagiraman Mr.J.Muruganandham Mr.S.Elanthamizh	Automated Dimension measuring stopping system	-	-	Applied
8	Sri Manakula Vinayagar Engineering College	Mr.K.Thangaraj Dr.D.Raja Dr.P.Jamuna Mr.I.Shivasankkar	Design of a Hybrid Wind Turbine Combining Savonius and Darrieus systems	-	-	Applied
9	Sri Manakula Vinayagar Engineering College	Dr.S.Ganesh Kumaran Dr.P.Jamuna Mr.R.Vignesh Mr.J.Gnanavel	Intelligent Pet Feeding and Waste Management System	-	-	Applied
10	Sri Manakula Vinayagar Engineering College	Mr.A.Janagiraman Mr.B.Parthiban Mr.S.Johnpowl Mr.G.Rajavel	Efficient Hydropower Generation using Impulse Turbine	-	-	Applied



## 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
1.	Susangati Samantaray S	Srin Soft Technologies Private Limited	8 months	03.10.2024	28.06.2025
2.	Sowmiya J	Srin Soft Technologies Private Limited	8 months	03.10.2024	28.06.2025
3.	Gunapriya S	Srin Soft Technologies Private Limited	8 months	03.10.2024	28.06.2025
4.	Jeevasudhan G	Srin Soft Technologies Private Limited	8 months	03.10.2024	28.06.2025
5.	Jothikrishnan K	Srin Soft Technologies Private Limited	8 months	03.10.2024	28.06.2025
6.	Lokesh N	Srin Soft Technologies Private Limited	8 months	03.10.2024	28.06.2025
7.	Priyadharshini A	Srin Soft Technologies Private Limited	8 months	03.10.2024	28.06.2025
8.	Raghul R	Srin Soft Technologies Private Limited	8 months	03.10.2024	28.06.2025
9.	Roshan Arvind V	Srin Soft Technologies Private Limited	8 months	03.10.2024	28.06.2025
10.	Soniya V	Srin Soft Technologies Private Limited	8 months	03.10.2024	28.06.2025
11.	Swetha S	Srin Soft Technologies Private Limited	8 months	03.10.2024	28.06.2025
12.	Tom Tijo Edattukaran	Srin Soft Technologies Private Limited	8 months	03.10.2024	28.06.2025

### 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	Design and Fabrication of Low Cost BLDC Motor for Electric Vehicles	Jothikrishnan.K Jeevasudhan.G Sathis Francis Xavier Yogarajan.R	SMV Trust	12 Months
2	IoT - Integrated Sericulture Assistant and Automatic Food Feeder	Nirmal.D Mohan Lal S Devanathan A Abilash P	SMV Trust	12 Months

### 6.3 Industrial Visit

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.	TVS training and Services, Chennai.	07.12.2024	EV lab Training, Placement	3 Years
2.	Mangronic Contrivance Pvt. Ltd.	28.08.2022	Internship, In plant Training, Skill Development, Guest Lecture, Consultancy	Long Term
3.	Auro Tech Transformers, Puducherry	2019	Internship, In plant Training, Skill Development, Guest Lecture, Consultancy	Long Term
4.	Abirami Enterprises Pvt. Ltd., Puducherry	2020	Internship, In plant Training, Skill Development, Guest Lecture, Consultancy	Long Term
5.	Surya Enterprises, Puducherry	2020	Internship, In plant Training, Skill Development, Guest Lecture, Consultancy	Long Term
6.	General Electrical and Mechanical works, Puducherry	2020	Internship, In plant Training, Skill Development, Guest Lecture, Consultancy	Long Term
7.	Appasamy Associates, Puducherry	2020	Internship, In plant Training, Skill Development, Guest Lecture, Consultancy	Long Term
8.	Pantech ProEd Pvt Ltd., Puducherry	2020	Internship, In plant Training, Skill Development, Guest Lecture, Consultancy	Long Term

#### SECTION - VII: STUDENT PROGRESSION

Number of Students Placed	14
Number of Students opted Higher Studies	-
Number of Entrepreneur	-

#### 7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (Lakhs/Annam)
1.	Karthikeyan P	KARR Technology	6.50 LPA
2.	Karthikeyan P	Hexaware	4.00 LPA
3.	Nirmal D	Hexaware	4.00 LPA
4.	Sai Siddarth T S	Hexaware	4.00 LPA
5.	Gladson Joshua Paulraj I	Hexaware	4.00 LPA
6.	Susangati Samantaray S	Srin Soft	4.00 LPA
7.	Soniya V	TCS NINJA	3.36 LPA
8.	Jayakumar D	TCS NINJA	3.36 LPA
9.	Dhivyashree M	TCS NINJA	3.36 LPA
10.	Kaveeya K	TCS NINJA	3.36 LPA
11.	Pranav B	TCS NINJA	3.36 LPA
12.	Sathish Francis Xavier R	TCS NINJA	3.36 LPA
13.	Yogarajan R	TCS NINJA	3.36 LPA
14.	Soniya V	Srin Soft	3.00 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 / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	Seminar on Career options after graduation	IEEE SB	31.12.2024	Institute	60
2	Model Based Design Challenge organized by SMVEC in associated with MathWorks Ark Info solutions Private Limited, Chennai	IEEE SB	24.9.2024	Internal	40
3	Innovators day 2023 (Mega National Level Project Contest)	IEEE SB	13.09.2024 & 14.09.2024	National	109
4	Guest lecture on "IoT Protocols for Electrical Engineers" by Dr. Krishna Prasad, Co-Founder & CEO of KanProKagno Innovation Private Limited	IEEE SB	10.08.2024	Institute	108
5	An expert lecture on Electric Vehicle career opportunities	IEEE SB	06.08.2024	Institute	20





6.	Guest Lecture on “Industrial experience and Technology Expectations” by Mr. Chinmoy Baliyar Singh.R, Senior Platform Architect, Ericsson Sweden	IEEE SB	27.07.2024	Institute	108
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## 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
1	IoT and Low – Cost Hardware Interfacing with MATLAB	Department of EEE in association with Mathworks - ARK InfoSolution	11.09.2024	State	23
2	Electric Vehicle	Department of EEE in association with TVS Training & Services	02.07.2024 to 05.07.2024	State	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.	K.Surendar	National Level Project Contest	Innovators day 2024	Participated
2.	K.Surendar	ICT Academy Youth talk Workshop (Advanced Embedded system design using VIVADO)	SMVEC	Participated
3.	R.Sanjay	Workshop (Advanced Embedded system design using VIVADO)	National Institute, Puducherry	Participated
4.	V.Kousik Prabanjan	Workshop (Advanced Embedded system design using VIVADO)	National Institute, Puducherry	Participated
5.	Midhun.L	Workshop (Advanced Embedded system design using VIVADO)	National Institute, Puducherry	Participated
6.	Pranav.B	Idea Evaluation stage 2	KPIT Sparkle	Participated
7.	Pranav.B	Techgium Event	L&T Technology services	Participated
8.	Gladson Joshua Paul raj	Idea Evaluation stage 2	KPIT Sparkle	Participated
9.	R.Mukesh Kumar	National Project Contest	SMVEC	Participated
10.	R.Mukesh Kumar	IDE Boot Camp	SRM IST Trichirapalli	Participated
11.	R.Mukesh Kumar	Hackathon 2024 (Exceptional Contribution)	Smart India	Participated
12.	L.Midhun	Model/Idea Competetion	Puducherry	Participated





		(IOT Application Infrastructure)	Technological University, Puducherry	
13.	S.Siva priya	World Record Certificate (World Record Union)	SMVEC	Participated
14.	S.Siva priya	Christmas Tree Decoration "Festival Fun and Creativity"	SMVEC	Participated
15.	Perathipa	Short Film	SMVEC	Third Place
16.	M.Shivani priya	Model Presentation (Third Place)	SMVEC	Participated
17.	M.Shivani Priya	Analytical Skill Test (National mathematics Day)	SMVEC	Participated
18.	G.Gokuladharshini	Poster Presentation	SMVEC	First Place
19.	Ravi Varma	National Maths Day	SMVEC	Participated
20.	H.Sanofar	Short Film	SMVEC	Third Place
21.	A.Ravi Varma	Model/ Idea Competetion, IOT Application in Infrastructure	Puducherry Technolbical University	Participated
22.	Arokia Anandu	Sustainable solutions for our land,our future	Department of Science and Technology, Puducherry	Rs 1500
23.	Mukeshkumar R	Sustainable solutions for our land,our future	Department of Science and Technology, Puducherry	Rs 1500
24.	Prasanthu A	Sustainable solutions for our land,our future	Department of Science and Technology, Puducherry	Rs 1500
25.	Devanathan.k	CLUSTER'24, National Level Technical Symposium	Kongunadu College of Engineering and Technology	Participated
26.	Gokul.V	Paper Presentation	Adhi College of Engineering and Technology	Participated
27.	Rouban.A	Paper Presentation	Adhi College of Engineering and Technology	Participated
28.	Devanadhan.K	Paper Presentation	Adhi College of Engineering and Technology	Participated
29.	Manimurugan.A	Paper Presentation	Adhi College of Engineering and Technology	Participated
30.	S:Aswin kumar	Innovation,Design and Entrepreneurship (IDE) Bootcamp	IDE Boot Camp organized by AICTE	Participated
31.	S.Lalith kumar	Innovation,Design and Entrepreneurship (IDE) Bootcamp	IDE Boot Camp organized by AICTE	Participated
32.	M.Mukesh kumar	Innovation,Design and Entrepreneurship (IDE) Bootcamp	IDE Boot Camp organized by AICTE	Participated
33.	A.Arokia Anandhu Prasanthu	Innovation,Design and Entrepreneurship (IDE) Bootcamp	IDE Boot Camp organized by AICTE	Participated



34.	Kushaan Anand	Mathworks Model Based Design Challenge	SMVEC,Puducherry	Rs 2000
35.	Arokia Anandhu Prasanthu	Smart India Hackathon 2024	Galgotias university,Noida,Uttar Pradesh	Participated
36.	Lalithkumar.S	Smart India Hackathon 2024	Galgotias university,Noida,Uttar pradesh	Participated
37.	R.Mukesh Kumar	Smart India hackathon 2024	MIT -Art and design technology university,Pune	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 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
1	Mr. I.Shivasankkar	Wipro Certified Faculty – “Database Solutions Expert”
2	Mr. J.Muruganandham	HPC Master Trainer

**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.Sivaraj	Nonlinear Dynamical Systems and Control	Swayam NPTEL	July to Oct 2024
2.	Mr. S.Elanthamizh	Intellectual Property Portfolio Management	Swayam NPTEL	Aug to Oct 2024
3.	Dr. S.Anbumalar	Next Generation Green Energy powered Electric Vehicle and Renewable Energy Integration using Solar Micro Grid	Holy Mary Institute of Technology & Science, ATAL	09.12.2024 to 14.12.2024
4.	Dr. P.Jamuna			
5.	Dr. D.Raja			
6.	Dr. S.Ganesh kumaran			
7.	Dr. D.Sivaraj			
8.	Mr. B.Parthiban			





9.	Mr. S.John Powl			
10.	Mr. A.Janagiraman			
11.	Mr. K.Thangaraj			
12.	Mr. J.Muruganandham			
13.	Mr. C.Adrien Perianayagam			
14.	Mr. R.Ragupathy			
15.	Mr. I.Shivasankkar			
16.	Mr. G.Rajavel			
17.	Mr. R.Vignesh	Generative AI: Transforming Innovation in Technology and Education	School of Technology Management & Engineering NMIMS Indore, Madhya Pradesh Council of Science & Technology	09.12.2024 to 13.12.2024
18.	Mr. S. John Powl	IoT and Low – Cost Hardware Interfacing with MATLAB	Sri Manakula Vinayagar Engineering College, Ark Infosolutions	11.09.2024
19.	Mr. B. Parthiban			
20.	Mr. J. Muruganandham			
21.	Mr. G. Rajavel			
22.	Mr. J. Gnanavel			
23.	Dr.S.Anbumalar	Electric Vehicle	Sri Manakula Vinayagar Engineering College, TVS Training & Services	02.07.2024 to 05.07.2024
24.	Dr.P.Jamuna			
25.	Dr. D.Raja			
26.	Dr. S.Ganesh kumaran			
27.	Mr.Parthiban.B			
28.	Dr. D.Sivaraj			
29.	Mr. S.John Powl			
30.	Mr. A.Janagiraman			
31.	Mr. K. Thangaraj			
32.	Mr. J.Muruganandham			
33.	Mr. C.Adrien Perianayagam			



34.	Mr. R.Ragupathy			
35.	Mr. I.Shivasankkar			
36.	Mr. G.Rajavel			
37.	Mr. R.Vigneshi			
38.	Mr. S.Elanthamizh			
39.	Mr. J. Gnanavel			
40.	Mr. C.Rajesh Kumar			

**9.6. Best Practices followed by the Department.**

S.No	Best Practice	Description
1	Engineering Clinic	Department of Electrical and Electronics Engineering keenly focus on the skill development of the students. As the part of knowledge disperse medium the department aims to conduct various Engineering clinic sessions on Saturdays to enhance the students skills in multidisciplinary areas. Students will design, build and troubleshoot various circuits. These activities help the students to implement the prototypes and gain knowledge in their respective field of interest.

**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. Megavaruma Porchelien	Entrepreneur Magronic Contrivance Pvt. Ltd., Contact Number: 9944517026
2	Mr. Selvakumar S	Validation Engineer Qualcomm Pvt. Ltd., Bengaluru Contact Number: 7358850881
3	Mr. Krishnachandhar J	Senior UX Designer Aspire Systems, Chennai Contact Number: 9840243613

**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. P. Jannuna)





**Recommendations:**

Criteria	Remarks
Curricular Aspects	—
Teaching, Learning and Evaluation	Good
Structured Feedback	—
Research, Innovation and Publications	—
Collaborations and Linkages	More to be signed with reputed organization.
Student Progression	—
Activity Conducted / Organized by the Department	—
Achievements	Faculties are requested to participate in various activities.
General Remarks	—

Name and Signature

**Dr. R. SARAVANAN**

Professor

Department of Information Technology  
Sri Manakula Vinayagar Engineering College,  
Puducherry

Name and Signature

**Dr. J. PAVALAVANA PANDIAN**

Associate Professor

Department of Mechanical Engineering  
Sri Manakula Vinayagar Engineering College,  
Puducherry



**SRI MANAKULA VINAYAGAR**  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



INTERNAL QUALITY ASSURANCE CELL

## **ACADEMIC AND ADMINISTRATIVE AUDIT**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**





**SRI MANAKULA VINAYAGAR**  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



INTERNAL QUALITY ASSURANCE CELL

Department of  
**Electronics and Communication Engineering**

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## **ACADEMIC AUDIT REPORT**

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(Internal Audit)

**2024-25 ODD SEMESTER**



## SECTION –1: BASIC INFORMATION

Audit Date	07-03-2025			
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		
	Associate Professor	9		
	Assistant Professor	34		
Number of Technical Staff	05			
Number of Students	For UG:			
	Year	M	F	Total
	First Year	133	82	215
	Second Year	138	90	228
	Third Year	159	83	242
	Fourth Year	134	92	226
	Total	564	347	911
For PG:				
Year	M	F	Total	
First Year	-	1	1	
Second Year	1	2	3	
Total	1	3	4	
Faculty Student Ratio	For UG1:20			

## 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- Electronics and Communication Engineering	R2023	-





### Summary of changes in Curriculum/syllabus

S.No	Sem	Title of Course	Unit	Suggestions	Action Taken
1	III	Electron Devices	I	The application of electron devices initially included in Unit I of the course "Electronic Circuits" will be replaced by the biasing of BJTs and FETs, including their stability.	Modified the syllabus
2	III	Sensors and Its Applications	-	The course "Measurement and Instrumentation," offered in Semester III as a core course, may be chosen as one of the Professional Elective - I option. Instead of this course, the new course "Sensors and Their Applications" may be offered in Semester III, as the knowledge gained from this course would be more beneficial for the automation of various systems.	As per suggestions, the course "Sensors and its Applications" introduced in Semester - III
3	III	Engineering Electromagnetics	-	It is suggested that the "Engineering Electromagnetics" theory-cum-practical course be considered a professional core course due to its status as a prerequisite for communication-related courses.	Based on the suggestion, The course is as professional core course
4	III	Signals and Systems	-	The course "Signals and Systems" is recommended to be structured as a theory-cum-practical course because it allows students to gain confidence in understanding signals and systems by integrating theoretical knowledge with practical applications within a single course.	Based on the suggestion, The course "Signals and Systems" offered as Theory cum Practical course

### 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	IV/VII	Satellite Communication	U20ECCM05	111
2		Fuzzy logic and Neural Network	U20ICCM01	55
3		Wireless Sensor Networks	U20ECE720	60
4	III/IV	Hardware Description Languages	U20ECE506	61
5		Industry 4.0 Technology	U20ECE508	120
6		Robotics and Automation	U20ECCM02	61

### 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	BME	Internet of Things for Healthcare	U20BMO705	120
2		CCE	Data Science using Python	U20CCO705	53
3		CCE	Mobile Applications Development using Android	U20CCO706	53
4	III/IV	MBA	Product Development and Design	U20HSO501	121
5		MBA	Project management for Engineer	U20HSO504	121



## 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	III/V	Skill Development Course 4: Foreign Language / IELTS-I / Career and Professional Skill Development Program - I	U20ECS504	242
2		Skill Development Course 5: Presentation Skills using ICT	U20ECS505	242
3	II/III	Skill Enhancement Course – I: PCB Design	U23ECS301	228

## 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	Web Programming -II	U20ECC591	242
2	II/III	Web Application Development(HTML,CSS,JS)	U23ECC375	228

## 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	U20ECM707	226
2	III/V	Indian Constitution	U20ECM505	242
3	II/III	Climate Change	U23ECM303	228

## 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: 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	Dr.N.Saranya	45	45	45
2.		B	Dr.R.Ramya		45	45
3.		C	Dr.T.Deepa		45	45
4.	Internet of Things / U20ECCM04	A	Mr.P.Mahendra Peruman	45	45	45
5.		B	Dr.J.Pradeep		45	45
6.		C	Dr.S.B.Lenin		45	45
7.	Satellite	A	Ms.N.Sasikala	45	45	45





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
8.	Communication/ U20ECCM05	B	Mr.A.Krishnalakshmi		45	45
9.	Fuzzy logic and Neural Network/ U20ICCM01	-	Ms.G.Elanagai	45	45	45
10.	Wireless Sensor Networks/ U20ECE720	-	Mr.Ravi.G	45	45	45
11.	Internet of Things for Healthcare/ U20BMO705	A	Mr.V.Soubbaya	45	45	45
12.		B	Ms.N.Sasikala		45	45
13.	Data Science using Python/ U20CCO705	-	Ms.S.Keerthana	45	45	45
14.	Mobile Applications Development using Android/ U20CCO706	-	Ms.J.Rekha	45	45	45
15.	Business Basics for Entrepreneur/ U20HSP703	A	Mrs.Angela Mary	45	45	45
16.		B	Mrs.G.Ramya		45	45
17.		C	Mr.A.Mathiazhagan		45	45
18.	High Frequency Communication Laboratory/ U20ECP713	A	Dr.N.Saranya	45	45	45
19.		B	Dr.R.Ramya		45	45
20.		C	Dr.T.Deepa		45	45
21.	Internet of Things Laboratory/ U20ECP714	A	Mr.P.Mahendra Peruman	45	45	45
22.		B	Dr.J.Pradeep		45	45
23.		C	Dr.S.B.Lenin		45	45
24.	Comprehensive Viva Voce/ U20ECP715	A	Mrs.T.S.Krishnapriya	45	45	45
25.		B	Dr.S.Premkumar		45	45
26.		C	Ms.G.Thamizhamudhu		45	45
27.	Project Phase-I/ U20ECW701	A	Mrs.S.Sivasankari	45	45	45
28.		B	Mr.V.Soubbaya		45	45
29.		C	Mrs.K.Kavitha		45	45
30.	Internship/ U20ECW702	A	Mr.P.Mahendra Peruman	45	45	45
31.		B	Mr.P.Suseendar		45	45
32.		C	Mr.S.Ganesan		45	45
33.	Professional Ethics/ U20ECM707	A	Ms.R.Srividhya	30	30	30
34.		B	Ms.K.Srinandhini		30	30
35.		C	Ms.K.Sreedhurga		30	30



**Semester: 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.	Statistical Methods for Engineers/ U20BST544	A	Dr.S.Rajakumar	60	60	60
2.		B	Dr.S.Rajakumar		60	60
3.		C	Dr.B.Kanimozhi		60	60
4.		D	Dr.B.Kanimozhi		60	60
5.	Wireless Communication/ U20ECT509	A	Mr.J.Soundararajan	45	45	45
6.		B	Mrs.T.S.Krishnapriya		45	45
7.		C	Mrs.V.Logisvary		45	45
8.		D	Dr.R.Vijayarani		45	45
9.	Microcontroller/ U20ECT510	A	Dr.A.Jayachitra	45	45	45
10.		B	Mr.J.Dhanapathi		45	45
11.		C	Mr.Navaneethakrishnan.V.M		45	45
12.		D	Dr.R.Kurinjimalar		45	45
13.	Digital Signal Processing/ U20ECT511	A	Mr.P.Suseendar	60	60	60
14.		B	Mr.S.Mohanram		60	60
15.		C	Dr.S.Dhivya		60	60
16.		D	Dr.Vankayala Chetan Prakash		60	60
17.	Industry 4.0 Technolog/ U20ECE508	A	Mrs.K.Kavitha	45	45	45
18.		B	Mr.E.Kalaiselvan		45	45
19.	Hardware Description Languages/U20ECE506	-	Mrs.Priethamje Vithya	45	45	45
20.	Robotics and Automation/U20CCM02	-	Mrs.D.Tamilselvi	45	45	45
21.	Product development and design/ 20HSO501	A	Dr.A.Vinoth	45	45	45
22.		B	Mrs.S.Deepa		45	45
23.	Project management for Engineers/ U20HSO504	A	Dr.R.Sivakumar	45	45	45
24.		B	Mr.R.Anbarasan		45	45
25.	Statistical Methods Laboratory/U20BSP545	A	Dr.S.Rajakumar	30	30	30
26.		B	Dr.S.Rajakumar		30	30
27.		C	Dr.B.Kanimozhi		30	30
28.		D	Mrs.T.Kalaiselvi		30	30
29.	Wireless Communication Laboratory/U20ECP507	A	Mr.J.Soundararajan	45	45	45
30.		B	Mr.M.Harikrishnan		45	45
31.		C	Mrs.V.Logisvary		45	45



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
32.		D	Dr.R.Vijayarani		45	45
33.	Microcontroller Laboratory/U20ECP508	A	Dr.A.Jayachitra	45	45	45
34.		B	Mr.J.Dhanapathi		45	45
35.		C	Mr.Navaneethakrishan.V.M		45	45
36.		D	Dr.R.Kurinjimalar		45	45
37.	Digital Signal Processing Laboratory/U20ECP509	A	Mr.P.Suseendar	45	45	45
38.		B	Mr.S.Mohanram		45	45
39.		C	Dr.S.Dhivya		45	45
40.		D	Dr.Vankayala Chetan Prakash		45	45
41.	Career and Professional Skill Development Program – I/ U20ECS504	A	Mr.J.Soundararajan	30	30	30
42.		B	Mr.J.Dhanapathi		30	30
43.		C	Mr.Navaneethakrishan.V.M		30	30
44.		D	Dr.R.Vijayarani		30	30
45.	Presentation Skills using ICT/U20ECS505	A	Mr.K.Uthiyasuriyan	30	30	30
46.		B	Mrs.T.S.Krishnapriya		30	30
47.		C	Mr.K.Uthiyasuriyan		30	30
48.		D	Mrs.Priethamje Vithya		30	30
49.	Indian Constitution/ U20ECM505	A	Mrs.D.Tamilselvi	30	30	30
50.		B	Ms.G.Thamizhamudhu		30	30
51.		C	Mrs.D.Tamilselvi		30	30
52.		D	Ms.G.Thamizhamudhu		30	30

**Semester: 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 Statistic/ U23MATC03	A	Mr.A.Balamurugan	60	60	60
2.		B	Ms.S.Guna		60	60
3.		C	Mr.A.Balamurugan		60	60
4.		D	Ms.S.Guna		60	60
5.	Programming in Python/ U23ADTC01	A	Mr.A.Ranjeeth	45	45	45
6.		B	Ms.B.Keerthana		45	45
7.		C	Ms.B.Keerthana		45	45
8.		D	Mr.A.Ranjeeth		45	45





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
9.	Electronic Circuits/ U23ECT302	A	Dr.C.A. Sathiyamoorthy	45	45	45
10.		B	Mrs.S.Anbarasi		45	45
11.		C	Dr.P.Arunagiri		45	45
12.		D	Ms.R.Priya		45	45
13.	Sensors and their Applications/ U23ECT304	A	Mr.Sundar Mohan	45	45	45
14.		B	Mr.M.Harikrishnan		45	45
15.		C	Mr.K.Jambulingam		45	45
16.		D	Mr.Ravi.G		45	45
17.	Engineering Electromagnetic/ U23ECT305	A	Ms.Sindhuja	45	45	45
18.		B	Mrs.C.Janani		45	45
19.		C	Ms.Arthy		45	45
20.		D	Dr.S.Premkumar		45	45
21.	Signals and Systems/ U23ECB301	A	Ms.K.Sreedhurga	60	60	60
22.		B	Dr.P.Raja		60	60
23.		C	Ms.R.Srividhya		60	60
24.		D	Ms.K.Srinandhini		60	60
25.	General Proficiency – I/ U23ENPC01	A	Dr. P.Rajeswari	30	30	30
26.		B	Dr. P.Rajeswari		30	30
27.		C	Mrs. A.Gowsalya Devi		30	30
28.		D	Mrs. A.Gowsalya Devi		30	30
29.	Engineering Mathematics Laboratory/ U23MAPC01	A	Mr.A.Balamurugan	30	30	30
30.		B	Ms.S.Guna		30	30
31.		C	Mr.A.Balamurugan		30	30
32.		D	Ms.S.Guna		30	30
33.	Programming in Python Laboratory/ U23ADPC01	A	Mr.A.Ranjeeth	30	30	30
34.		B	Ms.B.Keerthana		30	30
35.		C	Ms.B.Keerthana		30	30
36.		D	Mr.A.Ranjeeth		30	30
37.	Electronic Circuits Laboratory/ U23ECP303	A	Dr.C.A. Sathiyamoorthy	30	30	30
38.		B	Mrs.S.Anbarasi		30	30
39.		C	Dr.P.Arunagiri		30	30
40.		D	Ms.R.Priya		30	30
41.	Skill Enhancement Course – I: PCB Design/ U23ECS301	A	Ms.K.Srinandhini	30	30	30
42.		B	Ms.R.Srividhya		30	30



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
43.	Climate Change/ U23ECM303	C	Ms.G.Elanagai	30	30	30
44.		D	Ms.G.Elanagai		30	30
45.		A	Mr.E.Kalaiselvan		30	30
46.		B	Mr.E.Kalaiselvan		30	30
47.	Climate Change/ U23ECM303	C	Mrs.Priethamje Vithya	30	30	30
48.		D	Ms.K.Sreedhurga		30	30

**Semester: 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	60
2.		B	Dr.S.Rajakumar		60	60
3.		C	Ms.S.Guna		60	60
4.		D	Mr.A.Balamurugan		60	60
5.	Physical Science for Engineers/ U23BSTC01	A	Mr.K.Oudhayakumar	45	45	45
6.		B	Mrs.S.Parameswari		45	45
7.			Mr.K.Oudhayakumar			
8.		C	Mrs.S.Parameswari		45	45
9.	Basics of Civil and Mechanical Engineering/ U23ESTC01	A	Mr.K.Oudhayakumar	45	45	45
10.		B	Mrs.S.Parameswari		45	45
11.			Mr.K.Oudhayakumar			
12.		C	Mrs.S.Parameswari		45	45
13.	Electrical Technology/ U23EETC01	A	Mr.Raj Govind Dr.Jayakumar	45	45	45
14.		B	Mr.Raj Govind Chanrasekaran		45	45
15.			Mr.N.Prakash kumar			
16.		C	Mr.V.Murugappan		45	45
17.	Electrical Technology/ U23EETC01	D	Mr.N.Prakash kumar	45	45	45
18.			Mr.V.Murugappan			
19.		A	Dr.D.Sivaraj		45	45
20.		B	Mr.S.Elanthamizh		45	45
21.	Electrical Technology/ U23EETC01	C	Mr.G.Rajavel	45	45	45
22.		D	Mr.S.Elanthamizh		45	45



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
17.	Circuits and Networks/ U23ECT101	A	Ms.A.Preetha	60	60	60
18.		B	Ms.R.Arthy		60	60
19.		C	Ms.A.Preetha		60	60
20.		D	Mr.M.Vadivelan		60	60
21.	Communicative English – I/ U23ENBC01	A	Dr.Velmurugan	60	60	60
22.		B	Ms.V.Subhavathi		60	60
23.		C	Dr.Velmurugan		60	60
24.		D	Ms.V.Subhavathi		60	60
25.	Design Thinking and IDEA Lab/ U23ESPC02	A	Mrs.C.Janani	30	30	30
26.		B	Mr.K.Jambulingam		30	30
27.		C	Mrs.C.Janani		30	30
28.		D	Mr.K.Jambulingam		30	30
29.	Electrical Technology Laboratory/ U23EEPC01	A	Dr.D.Sivaraj	30	30	30
30.		B	Mr.S.Elanthamizh		30	30
31.		C	Mr.G.Rajavel		30	30
32.		D	Mr.S.Elanthamizh		30	30
33.	Circuits and Networks Laboratory/ U23ECP101	A	Ms.A.Preetha	30	30	30
34.		B	Ms.R.Arthy		30	30
35.		C	Ms.R.Arthy		30	30
36.		D	Dr.M.Oma Mageswari		30	30

### 3.2 Use of ICT Tools in Teaching Learning

Semester: I

S.No	Section	Name of the Faculty	Name of the Course / Code	ICT Tool / Technique Used
1.	A	Dr.B.Kanimozhi	Engineering Mathematics – I/ U23MATC01	Digital Board
2.	B	Dr.S.Rajakumar		Digital Board
3.	C	Ms.S.Guna		Digital Board
4.	D	Mr.A.Balamurugan		Digital Board
5.	A	Mr.K.Oudhayakumar Mrs.S.Parameswari	Physical Science for Engineers/ U23BSTC01	Power Point Presentation
6.	B	Mr.K.Oudhayakumar Mrs.S.Parameswari		Power Point Presentation
7.	C	Mr.K.Oudhayakumar Mrs.S.Parameswari		Power Point Presentation
8.	D	Mr.K.Oudhayakumar Mrs.S.Parameswari		Power Point Presentation
9.	A	Mr.Raj Govind		Power Point Presentation





S.No	Section	Name of the Faculty	Name of the Course / Code	ICT Tool / Technique Used
		Dr.Jayakumar	Basics of Civil and Mechanical Engineering/ U23ESTC01	
10.	B	Mr.Raj Govind Chanrasekaran		Power Point Presentation
		Mr.N.Prakash kumar		
11.	C	Mr.V.Murugappan		Power Point Presentation
		Mr.N.Prakash kumar		
12.	D	Mr.V.Murugappan		Power Point Presentation
		Mr.N.Prakash kumar		
13.	A	Dr.D.Sivaraj	Electrical Technology/ U23EETC01	Power Point Presentation
14.	B	Mr.S.Elanthamizh		Power Point Presentation
15.	C	Mr.G.Rajavel		Power Point Presentation
16.	D	Mr.S.Elanthamizh		Power Point Presentation
17.	A	Ms.A.Preetha	Circuits and Networks/ U23ECT101	Digital Board
18.	B	Ms.R.Arthy		Digital Board
19.	C	Ms.A.Preetha		Digital Board
20.	D	Mr.M.Vadivelan		Digital Board
21.	A	Dr.Velmurugan	Communicative English – I/ U23ENBC01	Virtual Lab
22.	B	Ms.V.Subhavathi		Virtual Lab
23.	C	Dr.Velmurugan		Virtual Lab
24.	D	Ms.V.Subhavathi		Virtual Lab
25.	A	Mrs.C.Janani	Design Thinking and IDEA Lab/ U23ESPC02	Virtual Lab
26.	B	Mr.K.Jambulingam		Virtual Lab
27.	C	Mrs.C.Janani		Virtual Lab
28.	D	Mr.K.Jambulingam		Virtual Lab
29.	A	Dr.D.Sivaraj	Electrical Technology Laboratory/ U23EEPC01	Virtual Lab
30.	B	Mr.S.Elanthamizh		Virtual Lab
31.	C	Mr.G.Rajavel		Virtual Lab
32.	D	Mr.S.Elanthamizh		Virtual Lab
33.	A	Ms.A.Preetha	Circuits and Networks Laboratory/ U23ECP101	Virtual Lab
34.	B	Ms.R.Arthy		Virtual Lab
35.	C	Ms.R.Arthy		Virtual Lab
36.	D	Dr.M.Oma Mageswari		Virtual Lab

**Semester: III**

S.No	Section	Name of the Faculty	Name of the Course / Code	ICT Tool / Technique Used
1	A	Mr.A.Balamurugan	Probability and Statistic/ U23MATC03	Digital Board
2	B	Ms.S.Guna		Digital Board
3	C	Mr.A.Balamurugan		Digital Board
4	D	Ms.S.Guna		Digital Board
5	A	Mr.A.Ranjeeth	Programming in Python/ U23ADTC01	Power Point Presentation
6	B	Ms.B.Keerthana		Power Point Presentation
7	C	Ms.B.Keerthana		Power Point Presentation



S.No	Section	Name of the Faculty	Name of the Course / Code	ICT Tool / Technique Used
8	D	Mr.A.Ranjeeth		Power Point Presentation
9	A	Dr.C.A. Sathiyamoorthy	Electronic Circuits/ U23ECT302	Power Point Presentation
10	B	Mrs.S.Anbarasi		Power Point Presentation
11	C	Dr.P.Arunagiri		Power Point Presentation
12	D	Ms.R.Priya		Power Point Presentation
13	A	Mr.Sundar Mohan	Sensors and their Applications/ U23ECT304	Virtual Lab
14	B	Mr.M.Harikrishnan		Virtual Lab
15	C	Mr.K.Jambulingam		Virtual Lab
16	D	Mr.Ravi.G		Virtual Lab
17	A	Ms.Sindhuja	Engineering Electromagnetic/ U23ECT305	Virtual Lab
18	B	Mrs.C.Janani		Virtual Lab
19	C	Ms.Arthy		Virtual Lab
20	D	Dr.S.Premkumar		Virtual Lab
21	A	Ms.K.Sreedhurga	Signals and Systems/ U23ECB301	Virtual Lab
22	B	Dr.P.Raja		Virtual Lab
23	C	Ms.R.Srividhya		Virtual Lab
24	D	Ms.K.Srinandhini		Virtual Lab
25	A	Dr. P.Rajeswari	General Proficiency – I/ U23ENPC01	Video Lecture/ Virtual Lab
26	B	Dr. P.Rajeswari		Video Lecture/ Virtual Lab
27	C	Mrs. A.Gowsalya Devi		Video Lecture/ Virtual Lab
28	D	Mrs. A.Gowsalya Devi		Video Lecture/ Virtual Lab
29	A	Mr.A.Balamurugan	Engineering Mathematics Laboratory/ U23MAPC01	Virtual Lab
30	B	Ms.S.Guna		Virtual Lab
31	C	Mr.A.Balamurugan		Virtual Lab
32	D	Ms.S.Guna		Virtual Lab
33	A	Mr.A.Ranjeeth	Programming in Python Laboratory/ U23ADPC01	Virtual Lab
34	B	Ms.B.Keerthana		Virtual Lab
35	C	Ms.B.Keerthana		Virtual Lab
36	D	Mr.A.Ranjeeth		Virtual Lab
37	A	Dr.C.A. Sathiyamoorthy	Electronic Circuits Laboratory/ U23ECP303	Virtual Lab
38	B	Mrs.S.Anbarasi		Virtual Lab
39	C	Dr.P.Arunagiri		Virtual Lab
40	D	Ms.R.Priya		Virtual Lab
41	A	Ms.K.Srinandhini	Skill Enhancement Course – I: PCB Design/ U23ECS301	Power Point Presentation
42	B	Ms.R.Srividhya		Power Point Presentation
43	C	Ms.G.Elanagai		Power Point Presentation
44	D	Ms.G.Elanagai		Power Point Presentation





S.No	Section	Name of the Faculty	Name of the Course / Code	ICT Tool / Technique Used
45	A	Mr.E.Kalaiselvan	Climate Change/ U23ECM303	Power Point Presentation
46	B	Mr.E.Kalaiselvan		Power Point Presentation
47	C	Mrs.Priethamje Vithya		Power Point Presentation
48	D	Ms.K.Sreedhurga		Power Point Presentation

**Semester : V**

S.No	Section	Name of the Faculty	Name of the Course/ Code	ICT Tool / Technique Used
1	A	Dr.S.Rajakumar	Statistical Methods for Engineers/ U20BST544	Digital Board
2	B	Dr.S.Rajakumar		
3	C	Dr.B.Kanimozhi		
4	D	Dr.B.Kanimozhi		
5	A	Mr.J.Soundararajan	Wireless Communication/ U20ECT509	Power Point Presentation
6	B	Mrs.T.S.Krishnapriya		
7	C	Mrs.V.Logisvary		
8	D	Dr.R.Vijayarani		
9	A	Dr.A.Jayachitra	Microcontroller/ U20ECT510	Power Point Presentation
10	B	Mr.J.Dhanapathi		
11	C	Mr.Navaneethakrishnan.V.M		
12	D	Dr.R.Kurinjimalar		
13	A	Mr.P.Suseendar	Digital Signal Processing/ U20ECT511	Digital Board
14	B	Mr.S.Mohanram		
15	C	Dr.S.Dhivya		
16	D	Dr.Vankayala Chetan Prakash		
17	A	Mrs.K.Kavitha	Industry 4.0 Technolog/ U20ECE508	Power Point Presentation
18	B	Mr.E.Kalaiselvan		
19	-	Mrs.Priethamje Vithya	Hardware Description Languages/U20ECE506	Power Point Presentation
20	-	Mrs.D.Tamilselvi	Robotics and Automation/U20CCM02	Power Point Presentation
21	A	Dr.A.Vinoth	Product development and design/ 20HSO501	Power Point Presentation
22	B	Mrs.S.Deepa		
23	A	Dr.R.Sivakumar	Project management for Engineers/ U20HSO504	Power Point Presentation
24	B	Mr.R.Anbarasan		
25	A	Dr.S.Rajakumar	Statistical Methods Laboratory/U20BSP545	Virtual Lab
26	B	Dr.S.Rajakumar		
27	C	Dr.B.Kanimozhi		
28	D	Mrs.T.Kalaiselvi		
29	A	Mr.J.Soundararajan	Wireless Communication Laboratory/U20ECP507	Virtual Lab
30	B	Mr.M.Harikrishnan		





S.No	Section	Name of the Faculty	Name of the Course/ Code	ICT Tool / Technique Used
31	C	Mrs.V.Logisvary	Microcontroller Laboratory/U20ECP508	Virtual Lab
32	D	Dr.R.Vijayarani		
33	A	Dr.A.Jayachitra		
34	B	Mr.J.Dhanapathi		
35	C	Mr.Navaneethakrishan.V.M		
36	D	Dr.R.Kurinjimalar	Digital Signal Processing Laboratory/ U20ECP509	Virtual Lab
37	A	Mr.P.Suseendar		
38	B	Mr.S.Mohanram		
39	C	Dr.S.Dhivya		
40	D	Dr.Vankayala Chetan Prakash	Career and Professional Skill Development Program – I/ U20ECS504	Digital Board
41	A	Mr.J.Soundararajan		
42	B	Mr.J.Dhanapathi		
43	C	Mr.Navaneethakrishan.V.M		
44	D	Dr.R.Vijayarani	Presentation Skills using ICT/U20ECS505	Power Point Presentation
45	A	Mr.K.Uthasuriyan		
46	B	Mrs.T.S.Krishnapriya		
47	C	Mr.K.Uthasuriyan		
48	D	Mrs.Priethamje Vithya	Indian Constitution/ U20ECM505	Power Point Presentation
49	A	Mrs.D.Tamilselvi		
50	B	Ms.G.Thamizhamudhu		
51	C	Mrs.D.Tamilselvi		
52	D	Ms.G.Thamizhamudhu		

**Semester : VII**

S.No	Section	Name of the Faculty	ICT Tool / Technique Used	ICT Tool / Technique Used
1	A	Dr.N.Saranya	Millimeter and Optical Wave Communication/ U20ECT716	Power Point Presentation
2	B	Dr.R.Ramya		
3	C	Dr.T.Deepa		
4	A	Mr.P.Mahendra Peruman	Internet of Things/ U20ECCM04	Power Point Presentation
5	B	Dr.J.Pradeep		
6	C	Dr.S.B.Lenin		
7	A	Ms.N.Sasikala	Satellite Communication/ U20ECCM05	Power Point Presentation
8	B	Mr.A.Krishnalakshmi		
9	-	Ms.G.Elanagai	Fuzzy logic and Neural Network/ U20ICCM01	Power Point Presentation
10	-	Mr.Ravi.G	Wireless Sensor Networks/ U20ECE720	Power Point Presentation
11	A	Mr.V.Soubbaya	Internet of Things for Healthcare/ U20BMO705	Power Point Presentation
12	B	Ms.N.Sasikala		
13	-	Ms.S.Keerthana	Data Science using Python/ U20CCO705	Power Point Presentation



S.No	Section	Name of the Faculty	ICT Tool / Technique Used	ICT Tool / Technique Used
14	-	Ms.J.Rekha	Mobile Applications Development using Android/ U20CCO706	Power Point Presentation
15	A	Mrs.Angela Mary	Business Basics for Entrepreneur/ U20HSP703	Power Point Presentation
16	B	Mrs.G.Ramya		
17	C	Mr.A.Mathiazhagan		
18	A	Dr.N.Saranya	High Frequency Communication Laboratory/ U20ECP713	Virtual Lab
19	B	Dr.R.Ramya		
20	C	Dr.T.Deepa		
21	A	Mr.P.Mahendra Peruman	Internet of Things Laboratory/ U20ECP714	Virtual Lab
22	B	Dr.J.Pradeep		
23	C	Dr.S.B.Lenin		
24	A	Mrs.T.S.Krishnapriya	Comprehensive Viva Voce/ U20ECP715	Power Point Presentation
25	B	Dr.S.Premkumar		
26	C	Ms.G.Thamizhamudhu		
27	A	Mrs.S.Sivasankari	Project Phase-I/ U20ECW701	Power Point Presentation/ Virtual Lab
28	B	Mr.V.Soubbaya		
29	C	Mrs.K.Kavitha		
30	A	Mr.P.Mahendra Peruman	Internship/ U20ECW702	Virtual Lab
31	B	Mr.P.Suseendar		
32	C	Mr.S.Ganesan		
33	A	Ms.R.Srividhya	Professional Ethics/ U20ECM707	Power Point Presentation
34	B	Ms.K.Srinandhini		
35	C	Ms.K.Sreedhurga		

### 3.3 List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Advancing Real-Time Digital Signal Processing Through AI Integration: Techniques and Trends	Mr.R.Sivavenkataesan, Senior Instructor, MSME Tool CITD Chennai	06.08.2024	60 students
2	IIoT and the Future of Industrial Automation : Opportunities and Challenges	Mr.Saravanan Balakrishnan , Founder and Director ,Brixin Sales Academy , Vadapalani	07.08.2024	55 students
3	Workshop on Mastering JAVA after PYTHON	Dr.B.Ezhilavan, Managing Director, VEI Technologies Private Limited, Chennai.	23.08.2024-24.08.2024	40 students
4	Exploring Sensor Technologies and their Impact on Modern Application	Mr.Yeshvanth Muniraj . Embedded Systems Engineer, Analog Devices India pvt	27.08.2024	55 students
5	The Theory behind Electromagnetism and its Application	Dr.Padmalingam, Assistant Professor , IIIT Tiruchirapalli	12.09.2024	55 students
6	Micro Architecture Overview via DSP Algorithms	Dr.K.Rajasekar, Senior Project Engineer , CDAC Bangalore	14.09.2024	55students
7	Applied Signal and Systems: MATLAB Techniques for Modern Engineering Challenges	Dr.Malaya Kumar Nath, Assistant Professor, NIT , Karaikal	18.09.2024	56 students
8	AI Trends in Industry 4.0 Technology	Mrs.P.Subha Priya Sr.Data Analyt @ Neub Altics Tech Pvt Ltd , Chennai	20.09.2024	60students





S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
9	Intelligent IoT : Leaveraging AI and ML For Smarter Solutions	Elanthriyan.S, Data Scientist , Meister-Gen Technologies Private Limited , IIT Madras , Research Park	26.09.2024	60 students
10	Electronic Circuits & its application on automotive functional safety	Mr.Deenadayalan Selvaraj, Team Manager- Comfort And Driving Assistance [CDA] - Functional Safety Expert   Hardware, CEE DEE YES IT PARK - Chennai 600130	4.10.2024	57 students
11	Fundamentals of Electronics Core Concepts with Engineering Practices	Dr.E.Arun Kumar, Vice President , RETECH Solutions PVT LTD, Chennai	14.10.2024	55 students
12	Applications of Signals and Systems Using MATLAB	Dr.G.Gandhimathi, Associate Professor , SRM TRP Engineering Trichy	14.10.2024	55 students
13	Hands-On Training on "Sensors and Their Real-World Applications"	Dr.E.Arun Kumar, Vice President, RETECH Solutions PVT LTD, Chennai.	14.10.2024	57 students
14	Emerging Trends in Spatial Processing Techniques for Next Generation Wireless Networks"	Mr. Anurag Gupta, Senior Lead Engineer, Qualcomm, Bangalore	15.10.2024	61 students
15	Insights on Robotics and Its applications	Dr.Saurabh Shanu, Assistant Professor (SG),Robotics Instructor AI consultant , School of Computer Science , University of Petroleum and Energy Studies , Dheradun – 248007 - Uttarakhand	15.10.2024	61 students
16	Electronic Circuits and its Applications	Dr.V.Sivasankaran, Associate Professor, VIT Bhopal University , Madhya Pradesh	16.10.2024	55 students
17	Smart Electronics Environment New Trends , Challenges and Solutions in Wireless Communications	Dr.Susila, Associate Professor , SRM Institute of Technology , Chennai	19.10.2024	55 students
18	The Essential of Digital Signal Processing : Techniques and Applications	Dr. Timothy D Paul Acadamecian / IoT Consulatant / Design, Thinking Coach Nunnari Labs Pvt Ltd, Coimbatore Chenna	19.10.2024	61 students
19	Wearable and Implantable architecture	Dr.S.Sangeetha Assistant Professor, Department of ECE , Anna University , Chennai	22.10.2024	75 students
20	Terahertz Communication: Bridging the Gap between Millimeter Waves and Photonics	Dr.R.Vaishalle, Assistant Professor Amritha University , Chennai	22.10.2024	76 students
21	Electronics Circuits – An Industrial Perspective	Mr.G.Gnanvel, Deputy Manager, Engineering , Lenovo India PVT, Limited , Puducherry	25.10.2024	55 tudents





### 3.4 Activities for Slow and Advanced Learners

#### Semester : III

S.No	Name of the Course / Code	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 / 23MATC03	A	Mr.A.Balamurugan	Yes	2	Yes
		B	Ms.S.Guna		2	Yes
		C	Mr.A.Balamurugan		2	Yes
		D	Ms.S.Guna		2	Yes
2	Programming in Python/ U23ADTC01	A	Mr.A.Ranjeeth	Yes	2	Yes
		B	Ms.B.Keerthana		2	Yes
		C	Ms.B.Keerthana		2	Yes
		D	Mr.A.Ranjeeth		2	Yes
3	Electronic Circuits/ U23ECT302	A	Dr.C.A. Sathiyamoorthy	Yes	3	Yes
		B	Mrs.S.Anbarasi		2	Yes
		C	Dr.P.Arunagiri		2	Yes
		D	Ms.R.Priya		2	Yes
4	Sensors and their Applications/ U23ECT304	A	Mr.Sundar Mohan	Yes	2	Yes
		B	Mr.M.Harikrishnan		3	Yes
		C	Mr.K.Jambulingam		2	Yes
		D	Mr.Ravi.G		2	Yes
5	Engineering Electromagnetics/ U23ECT305	A	Ms.Sindhuja	Yes	2	Yes
		B	Mrs.C.Janani		2	Yes
		C	Ms.Arthy		3	Yes
		D	Dr.S.Premkumar		2	Yes
6	Signals and Systems/ U23ECB301	A	Ms.K.Sreedhurga	Yes	2	Yes
		B	Dr.P.Raja		2	Yes
		C	Ms.R.Srividhya		2	Yes
		D	Ms.K.Srinandhini		2	Yes

#### Semester : V

S.No	Name of the Course / Code	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	Statistical Methods for Engineers/ U20BST544	A	Dr.S.Rajakumar	Yes	2	Yes
		B			2	Yes
		C	Dr.B.Kanimozhi		2	Yes
		D			2	Yes
2	Wireless Communication/ U20ECT509	A	Mr.J.Soundararajan	Yes	2	Yes
		B	Mrs.T.S.Krishnapriya		3	Yes
		C	Mrs.V.Logisvary		2	Yes
		D	Dr.R.Vijayarani		2	Yes
3	Microcontroller/ U20ECT510	A	Dr.A.Jayachitra	Yes	2	Yes
		B	Mr.J.Dhanapathi		2	Yes



S.No	Name of the Course / Code	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)
		C	Mr.Navaneethakrishan.V.M		3	Yes
		D	Dr.R.Kurinjimalar		2	Yes
4	Digital Signal Processing / U20ECT511	A	Mr.P.Suseendar	Yes	2	Yes
		B	Mr.S.Mohanram		3	Yes
		C	Dr.S.Dhivya		2	Yes
		D	Dr.Vankayala Chetan Prakash		2	Yes
5	Hardware Description Languages/ U20ECE506	A,B,C,D	Mrs.Priethamje Vithya	Yes	2	Yes
	Robotics and Automation/ U20CCM02		Mrs.D.Tamilselvi	Yes	3	Yes
	Industry 4.0 Technology / U20ECE508	A	Mrs.K.Kavitha	Yes	2	Yes
	Industry 4.0 Technology / U20ECE508	B	Mr.E.Kalaiselvan	Yes	2	Yes
6	Product development and design / U20HSO501	A	Dr.A.Vinoth	Yes	2	Yes
	Product development and design / U20HSO501	B	Mrs.S.Deepa	Yes	3	Yes
	Project management for Engineers/ U20HSO504	A	Dr.R.Sivakumar	Yes	2	Yes
	Project management for Engineers/ U20HSO504	B	Mr.R.Anbarasan	Yes	3	Yes

**Semester : VII**

S.No	Name of the Course / Code	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/ U20ECT716	A	Dr.N.Saranya	Yes	2	Yes
		B	Dr.R.Ramya		2	Yes
		C	Dr.T.Deepa		2	Yes





2	Internet of Things / U20ECCM04	A	Mr.P.Mahendra Peruman	Yes	2	Yes
		B	Dr.J.Pradeep		2	Yes
		C	Dr.S.B.Lenin		2	Yes
3	Satellite Communication/ U20ECCM05	A	Ms.A.Krishnalakshmi	Yes	2	Yes
		B	Ms.N.Sasikala			
	Fuzzy logic and Neural Network	A	Ms.G.Elanagai	Yes	2	Yes
	Wireless Sensor Networks	B	Mr.Ravi.G	Yes	2	Yes
4	Internet of Things for Healthcare (A)/ U20BMO705	A	Ms.N.Sasikala	Yes	2	Yes
	Internet of Things for Healthcare (B)/ U20BMO705	B	Mr.V.Soubbaya	Yes	2	Yes
	Data Science using python/U20CCO705	A,B,C	Ms.S.Keerthana	Yes	2	Yes
	Mobile Applications Development using Android/ U20CCO706	A,B,C	Ms.J.Rekha	Yes	2	Yes

### 3.5 Counseling and Mentoring

No. of Students in Department	Number of Mentors in the Department	Mentor: Mentee Ratio
911	50	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 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	-

### 3.7 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	-



S.No	Particular	Yes / No	Remarks (if any)
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-3

Sr. No	Particular	UG	PG
1	Number of Students appeared	228	
2	Number of All Clear Students	183	
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	45	
7	Passing Percentage	80.26	

#### Semester-5

Sr. No	Particular	UG	PG
1	Number of Students appeared	242	
2	Number of All Clear Students	202	
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	40	
7	Passing Percentage	83.47	

#### Semester-7

Sr. No	Particular	UG	PG
1	Number of Students appeared	226	
2	Number of All Clear Students	219	
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	96.90	

### 3.9 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	-	-





### 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	46	-
2	Employer feedback on curriculum with analysis and action taken report	Yes	71	-
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	139	-
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	371	-
6	Alumni feedback on curriculum with analysis and action taken report	Yes	446	-
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	593	-
8	Graduate (program) Exit Survey with analysis and action taken report	Yes	226	-

### 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)	Duration of the project
1	Dr. P. Raja	Innovation and Design Challenges in Antenna and RF Devices for Next Generation 5G/6G Wireless Communication	ATAL-AICTE	3,50,000	6 Days
2	Dr. P. Raja	Low Cost Audio and PIR signal based Wild Boars Anomaly Detection and Crop Protection System	IEEE Signal Processing Society and IEEE Tech4Good	1500 USD	6 Months

#### 5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated (Rs)	Duration
1	Dr. N. Saranya	Designing of a multiband antenna using ADS tool and performance analysis using simulation tool	Ms. G. Premalatha Assistant Professor/ECE IFET College of Engineering Villupuram	1000	1 Week
2	Dr. N. Saranya	Fabrication of multiband antenna double side PCB with 1.6 mm thickness FR4 substrate	Ms. G. Premalatha Assistant Professor/ECE IFET College of Engineering Villupuram	1300	3 Days
3	Dr. N. Saranya	Multiband antenna testing and validation of results using Vector Network Analyzer (Testing)	Ms. G. Premalatha Assistant Professor/ECE IFET College of Engineering Villupuram	1000	1 Day
4	Dr. N. Saranya	Fabrication of MIMO antenna using FR4 PCB material	S. Manigandan	2250	1 day



			Assistant Professor/ECE SSM Institute of Engineering and Technology, Dindugal		
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### 5.3 Faculty Publications (faculty-wise list)

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	5	5	-	-	-

Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	-
Number of Publications in International Journals	5
Number of Publications in National Conferences	-
Number of Publications in International Conferences	4
Number of Books / Book Chapters	2
Number of Patents (Filed)	1
Number of Patents Granted	2
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 Low Profile 20-bit Frequency-coded L-shape Multi-slot Resonator for Chipless RFID Applications.	Dr.N.Saranya Dr.P.Raja Dr.T.Deepa	Progress In Electromagnetics Research	149,105-109, 2024 19378718	Scopus
2	Image De-Weathering Using Median Channel Technique and RGB-based Transmission Map for Autonomous Vehicles	Dr.P. Raja, Sowmiya. M, Subathra. V, Sarah. S	I.J. Image, Graphics and Signal Processing	16,5, 91-104 2024 2074-9082	Scopus
3.	Compact UWB Penta-Notch Tetradecagonal Antenna for Secure Defence Communication Applications	Dr.N.Saranya Dr.T.Deepa, Dr.P.Raja	International Journal of Microwave and Optical Technology	19,6,641-649 1553-0396	Scopus
4	Rhombus Shaped Ultra-Wideband Vivaldi Antenna With Enhanced Gain For Brain Tumor Detection	S. Sivasankari Dr.P. Raja Dr.N.Saranya	Engineering Review	1330-9587	ESCI
5	Reconfigurable Radiation Pattern MIMO Antenna for Indoor 5G and WLAN Applications	Dr.T.Deepa	Journal of Electrical Engineering & Technology		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

Sl.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Date & Duration	ISBN / ISSN	Publisher
1	Underwater Image Enhancement using Gaussian Pyramid, Laplacian Pyramid and Contrast Limited Adaptive Histogram Equalization	R. Kurinjimalar, J. Pradeep, M. Harikrishnan	3rd 2024 IEEE World Conference on Applied Intelligence and Computing (AIC 2024)	27 & 28 July 2024	979-8-35038-459-8	IEEE
2	Diabetic Retinopathy Detection using Spiking Neural Network	J. Pradeep, M. Harikrishnan	5th International Conference on Data Science and Applications (ICDSA 2024)	17 - 19 July 2024	978-981-96-2723-3	Springer
3	Implementation of Undoped Multichannel Transistor by Incorporating Electro Static Doping and Si/Ge/Si Structure.	R. Kalaiyarasan	Conference on Flexible Electronics for Electric Vehicles 2024 (FlexEV2024)	19 - 20 Dec 2024	-	Springer
4	Differential Region-based Segmentation Method for Brain Tumor Detection Using Computed Tomography Images	Kalaiyarasan R	International Conference on System, Computation, Automation and Networking (ICSCAN)	27 - 28 Dec 2024	979-8-35031-513-4	IEEE

#### Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Machine Learning	Dr. S. Dhivya	9789362609083	Charulatha Publications
2	"Next-Generation Recommendation Systems : Illustrating the enabling technologies and tools"	Dr. Vankayala Chethan Prakash	-	Wiley publishers

#### Design Patent

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



### Product Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	Dr. R. Ganesh Babu	Dr. Vankayala Chethan Prakash	Wearable Disaster Emergency Communication Device	435761-001 26/10/2024	India	Published
2	Dr. R. Ganesh Babu	Mr. S. Yuvaraj Ms. K. Archana	Artificial Intelligence Based Cloud Security Detecting Device (Design Patent)	202441081885 A 01/11/2024	India	Granted
3	Dr. R. Kalaiyarasan	Dr. R. Kalaiyarasan	Design of 4x4 Array Antenna for 2.4 GHz Applications	440374-001 12/12/2024	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	Thepikka M	AICTE	10 weeks	01-09-2023	30-11-2023
2	Santhiya B	Corizo	4 weeks	05-03-2024	05-04-2024
3	Valandinavathy G	Internpe	4 weeks	29-07-2024	25-08-2024
4	Chintalapudi Yuva Satya Veera Kishore	Acmegrade	8 weeks	13-02-2024	13-04-2024
5	Dhivakar G	Eaton Power Quality Private Limited	2 weeks	29-01-2024	13-02-2024
6	Devanathan R	Internpe	4 weeks	09-09-2024	06-10-2024
7	Ramya Devi M	Wipro Corizo	4 weeks	05-03-2024	05-04-2024
8	Sanjay A	EATON POWER QUALITY Pvt.Etd	2 weeks	29-01-2024	13-02-2024
9	Bhavana S	internPe	3 weeks	22-07-2024	18-08-2024
10	Shakthipriya Ak	Intern Pe	4 weeks	22-04-2024	19-05-2024
11	Jogi Lalitha Ramkumar	CODSOFT	4 weeks	25-10-2024	25-11-2024
12	Preneshvar Sa	Acmegrade Private Limited	8 weeks 4 days	13-02-2024	13-04-2024
13	Vijayaganesh P	Google	10 week	01-04-2024	02-06-2024
14	Snekha S	InternPe	4 weeks	30-09-2024	27-10-2024
15	Dhanush.L	Acmegrade	4 weeks	13-02-2024	13-03-2024
16	Aravindha Krishnan K	AICTE (Support by Fortinet)	10 weeks	01-05-2023	01-07-2023
17	Subathra S	Plumage Technology,Puducherry	1 week	31-01-2023	06-02-2023
18	Rojasri A	AICTE - Supported by MICROCHIP	10 Weeks	05-04-2024	12-06-2024
19	Mega S	AICTE - Supported by MICROCHIP	10 weeks	05-04-2024	12-06-2024
20	Arunachalam S U	AICTE - EduSkills/Microchip	10 weeks	08-04-2024	17-06-2024
21	Swethaa Vb	Internpe	4 weeks	22-04-2024	19-05-2024
22	Prasanna J	INTERNPE	4 weeks	02-09-2024	29-09-2024
23	Monika K	Internpe	4 weeks	30-09-2024	27-10-2024
24	Kamali K	AICTE / Microchip	10 weeks	30-04-2024	30-06-2024
25	Kruthiga T	InternPe	4 week	30-09-2024	27-10-2024
26	Harini V	Internpe	4 weeks	22-04-2024	19-05-2024





S.No	Name of the Student	Name of the Sponsored Industry /Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
27	Harish Kumar T	Corizo Edutech Private Limited.	4 weeks	05-03-2024	05-04-2024
28	Vignesh J	AICTE	10 weeks	01-07-2024	01-09-2024
29	Vignesh S	Eaton Power Quality pvt ltd - Puducherry	2 week	29-01-2024	13-02-2025
30	Paarthasarathy K	Eaton power quality private limited	2 week	29-01-2024	13-02-2024
31	Rupak B	InternPe	4 weeks	02-09-2024	29-09-2024
32	Raviraj.P.A	RABLO.IN	11 weeks	29-08-2024	09-11-2024
33	Yamuna V	AICTE - Fortinet	10 weeks	21-09-2023	30-11-2023
34	Naveen Kumaran.K.T	Interpe	4 weeks	02-09-2024	29-09-2024
35	Soorya Gs	Atharvo industries	4 weeks	8/19/0024	9/19/0024
36	Janani R	AICTE / Microchip	10 weeks	14-09-2023	30-11-2023
37	Devapriya R	Keltron Component Complex Ltd.	1 week	06-07-2024	12-07-2024
38	Kumaran C	AICTE virtual Internship - Fortinet	10 weeks	01-05-2023	10-07-2023
39	Arun Kumar P	ACMEGRADE	4weeks	13-02-2024	13-03-2024
40	Dhivakar K	FORTINET	10 weeks	01-05-2023	10-07-2023
41	Hariharan S	Microchip	10 weeks	10-04-2024	09-06-2024
42	Madumithan E	Atharvo India pvt. limited	4 weeks	19-08-2024	19-09-2024
43	Phavan Annamalai N	GOOGLE	10 weeks	09-07-2024	16-09-2024
44	Lakshmyanarayanan P	Google	10 weeks	10-07-2024	20-09-2024
45	Chandru B	Acmegrade Pvt Ltd	12 weeks	13-02-2024	13-04-2024
46	Hussaina Parveen A	VERZEO	12 Weeks	01-11-2022	31-01-2023
47	Sneghaa M	AICTE-FORTINET	10 weeks	18-09-2023	20-11-2023
48	Akash S	FORTINET	10 weeks	10-01-2024	15-03-2024
49	Oviya P	Aicte	10 weeks	10-05-2023	10-07-2023
50	Ashik Ahamed H	MICROCHIP	8 weeks	01-04-2024	01-06-2024
51	Krithik Rojar S	CORIZO supported by WIPRO	4 weeks	05-04-2024	05-05-2024
52	Kavya S	MICROCHIP	10 WEEKS	01-04-2024	30-06-2024
53	Harini K	All India Council for Technical Education	10 weeks	04-09-2023	11-10-2023
54	Dhulipudi Sairam	InternPe	4 Weeks	02-09-2024	29-09-2024
55	Srinidhi.V	CORIZO	4 weeks	05-02-2024	05-03-2024
56	Suganya B	InTernPe	4 weeks	19-08-2024	15-09-2024
57	Varsha S	MICROCHIP	10 WEEKS	04-06-2024	12-10-2024
58	Kowsalya K	All India Council For Technical Education	10 weeks	22-04-2024	29-06-2024
59	Dharshini M R	FORTINET	10 weeks	01-05-2023	31-07-2023
60	Aakash P R	All India Council For Technical Education	10 weeks	01-07-2024	07-09-2024
61	Hemalatha V	AICTE/Fortinet	10 Weeks	08-05-2023	29-06-2023
62	Yuvasri S	Enthu Technology Solutions India Pvt Ltd.	4 weeks	18-03-2024	17-04-2024
63	Suvatha V	Internpe	4 weeks	22-04-2024	19-05-2024
64	Vishnu Priya V	ChipTest Engineering Private Limited	5 weeks	17-09-2024	16-10-2024
65	Pachaiyappan S	AICTE	10 weeks	03-01-2024	11-03-2024
66	Suvetha K	AICTE -Eduskills	10 weeks	06-05-2023	08-07-2023
67	Guru Prasath S	AICTE-Google Developers.	10 Weeks	10-07-2024	20-09-2024
68	Madhavan K	AICTE	10 weeks	03-04-2024	10-06-2024
69	Keerthiga V	MANATEC ELECTRONICS	1 week	29-01-2024	03-02-2024





S.No	Name of the Student	Name of the Sponsored Industry /Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
		PVT. LTD.,			
70	Albin Rajesh S	MANATEC	2 weeks	02-02-2024	17-02-2024
71	Keerthana B	Internpe	4 weeks	30-09-2024	27-10-2024
72	Hemachandiran V	MICROCHIP	10 weeks	05-04-2024	12-06-2024
73	Bhavya P	AICTE-Fortinet	10 weeks	01-05-2023	01-07-2023
74	Vishal P	Eaton Power Ltd	2 weeks	29-01-2024	13-02-2024
75	Bharani Dharan M	InternPE	4 weeks	02-09-2024	29-09-2024
76	Vanaja M	FRONTIER	10 WEEKS	02-05-2023	07-07-2023
77	Gowtham S	AICTE-Fortinet	10 WEEKS	01-05-2023	01-07-2023
78	Seru Mounika	InternPe	1 Month	02-09-2024	29-09-2024
79	Swetha.M	MICROCHIP	10 weeks	05-04-2024	12-06-2024
80	Preethika M	AICTE-Eduskills	10 Weeks	10-05-2023	10-07-2023
81	Sivalokesh V	MICROCHIP	10 weeks	05-04-2024	12-06-2024
82	Harini R	InternPe	4 WEEKS	30-09-2024	27-10-2024
83	G Jawaahar	CORIZO (WIPRO)	4 weeks	05-03-2024	05-04-2024
84	Rubert Majala G	EduSkills-AICTE	10 weeks	11-05-2023	11-07-2024
85	Sureka K	Wipro, Corizo	4 weeks	05-04-2024	05-05-2024
86	Shagir Parvin J	InternPe(Online)	4 WEEKS	22-04-2024	19-05-2024
87	Sankari G	AICTE- Eduskills	10 weeks	01-05-2023	01-07-2023
88	Marshal Regan Raj	Manatec Electronics Pvt Limited	1 week	01-02-2024	06-02-2024
89	Krishnaprasath K	INTERNPE	4 weeks	22-04-2024	19-05-2024
90	Ashwin P	Manatec Electronics Private Limited	2 weeks	02-02-2024	17-02-2024
91	Aswini K	Internpe	4 weeks	19-08-2024	15-09-2024
92	Nandhini M	AICTE-EduSkills	10 weeks	01-05-2023	14-07-2023
93	Millan Prince L	ACMEGRADE	12 weeks	13-02-2024	13-04-2024
94	Sooraj N	Manatec pvt ltd	2 weeks	02-02-2024	17-02-2024
95	Bhuvaneshwari R	AICTE	10 Weeks	10-05-2023	10-07-2023
96	Vishwa R	AICTE EDU-SKILLS	10 weeks	01-05-2023	14-07-2023
97	Dhivagar K	LUCAS TVS	2 WEEKS	16-02-2024	29-02-2024
98	Koushik Kabilan A	AICTE	10 WEEKS	10-07-2024	20-09-2024
99	Guruju Satya Srisai Prasanth	Edusphere Solutions	4 weeks	01-03-2024	31-03-2024
100	Mohamed Yachin C	Manatec	2 weeks	01-02-2024	17-02-2024
101	Nishok Raj Rs	ACMEGRADE	8 WEEKS	13-02-2024	13-04-2024
102	Nivetha P	AICTE	10 Weeks	05-04-2023	07-06-2023
103	Sowndarya A	CORIZO	1 month	05-02-2024	05-03-2024
104	Sathiyaseelan.S	Fortinet(AICTE)	10 Week	01-05-2023	01-07-2023
105	Barathkumar R	CORIZO SUPPORTED BY WIPRO	4 weeks	05-04-2024	05-05-2024
106	Gritharan M	MANATEC ELECTRONICS.PVT.LTD	Two weeks	02-02-2024	17-02-2024
107	Gayathri S	AICTE-EDUSKILLS	10 weeks	01-05-2023	01-07-2023
108	Saranya P	Corizo	4 weeks	05-02-2024	05-03-2024
109	Tharunraj.S	Eaton Power Quality pvt lmt	2 weeks	29-01-2024	13-02-2024
110	Raghavardhini K	FORTINET	10 weeks	10-09-2023	19-11-2023
111	Logesh S	INTERNPE	4 weeks	21-10-2024	17-11-2024
112	Kavipriya P	InternPe	4 weeks	29-07-2024	25-08-2024
113	Raagasudha V	AICTE EduSkills	10 weeks	05-09-2023	05-11-2023
114	Elakshme Devi C	AICTE supported by Microchip	10 weeks	01-01-2024	30-03-2024
115	Srinivasan B	InternPe	4 week	05-08-2024	05-09-2024





S.No	Name of the Student	Name of the Sponsored Industry /Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
116	Vighneshwara B	AICTE / MICROCHIP	10 WEEKS	01-09-2023	01-11-2023
117	Maximus Auguste	CORIZO	7 weeks	05-02-2024	23-04-2024
118	Bhaanushri R	AICTE SUPPORTED BY JUNIPER NETWORKS	10 WEEKS	01-09-2023	30-11-2023
119	Logesh R	AICTE SUPPORTED BY FORTINET	10 WEEKS	01-05-2023	30-07-2023
120	Balakumaran R	AICTE	10 weeks	10-07-2024	20-09-2024
121	Arthi S	internpe	4 weeks	02-09-2024	29-09-2024
122	Keerthivasan B	AICTE	10 Weeks	07-04-2024	15-06-2024
123	Goukulan S	Exposys Data Labs	4 weeks	18-03-2023	17-04-2023
124	Sinduja R	InternPE	04 weeks	19-08-2024	15-09-2024
125	Elavenil R	INTERNPE	4 WEEKS	19-08-2024	15-09-2024
126	Hema Varshini V	MANATEC PVT LIMITED	2 weeks	02-07-2024	17-07-2024
127	Amalorpava Jeni A	Internpe	4 WEEKS	22-04-2024	19-05-2024
128	Arokya Jesy A	INTERNPE	4 WEEKS	22-04-2024	19-05-2024
129	Sri Priyadarshini B	JUNIPER Networks	10 WEEKS	02-09-2023	10-11-2023
130	Janashankaran G	InternPe	4 WEEKS	02-09-2024	29-09-2024
131	Rithiga K	Acmegrade	8 weeks	13-02-2024	13-03-2024
132	Sri Rajadurai S	AICTE / JUNIPER	10 WEEKS	15-10-2022	23-02-2023
133	Bhuvaneshwaran M	MICROCHIP	10 Week	15-04-2024	15-07-2024
134	Nirmal K	Intern pe	4 weeks	15-05-2024	19-06-2024
135	Kogul S	GT Electronics	1 week	20-12-2023	26-12-2024
136	Preethika V	InternPe	4 weeks	02-09-2024	29-09-2024
137	Gokulan S	AICTE - Eduskills	10 weeks	01-07-2024	11-08-2024
138	Gokulnath R	FORTINET	10 weeks	01-05-2023	11-07-2023
139	Nithish S	FORTINET	10weeks	01-05-2023	11-07-2023
140	Subash P	ACMEGRADE	8 WEEKS	13-02-2024	13-04-2024
141	Hari Ragavan P.	Acmegrade	8WEEKS	13-02-2024	13-04-2024
142	Jayahshri M	AICTE - Eduskills	10 weeks	20-05-2023	11-07-2023
143	Ranjithkumar	FORTINET	10 weeks	01-05-2023	13-07-2023
144	Madhubala K	ACMEGRADE	4 weeks	13-02-2024	13-03-2024
145	Indhuja R	AICTE-Embedded System Developer Virtual Intrenship(Microchip)	10 weeks	10-04-2024	24-06-2024
146	Josephine Monica A	All India Council for Technical Education	10 weeks	15-04-2024	22-06-2024
147	Samraksheni.S.M	InterPe	1month	29-01-2024	25-02-2024
148	Sesetti Devikota	INTERNPE	4weeks	02-09-2024	29-09-2024
149	Pravenkumar M	Intern Pe	4 weeks	09-09-2024	06-10-2024
150	Madhumitha S	INTERNPE	4 weeks	22-07-2024	18-08-2024
151	Pavithra B	Juniper networks	10 weeks	02-09-2023	10-11-2023
152	Prethicksha R	Internpe	4 weeks	05-08-2024	01-09-2024
153	Kadali Prasanth Kumar	Internpe	4 weeks	26-08-2024	22-09-2024
154	Tharani C	Juniper networks	10 weeks	02-09-2023	10-11-2023
155	Nookala Jnana Prasannambika	AICTE	10weeks	08-04-2024	28-06-2024
156	Manish M	MICROCHIP	10 weeks	15-04-2024	15-06-2024
157	Mohamed Masood N	FORTINET	10 weeks	01-05-2023	08-07-2023
158	Vijai Sriram G	Microchip	10 weeks	15-04-2024	15-06-2024
159	Akshaya S	AICTE	10 weeks	08-09-2023	28-11-2023
160	Bharathraj K	Corizo	7 week	05-02-2024	05-04-2025





S.No	Name of the Student	Name of the Sponsored Industry /Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
161	Ashwathi Krishna	CORIZO	1 Month	06-10-2024	06-11-2024
162	Suriya P	Atharvo	4 Weeks	19-08-2024	19-09-2024
163	Harish Jayaraaj S	Microchip	10 weeks	10-04-2024	20-06-2024
164	Sharaan V	Internpe	4 weeks	26-08-2024	22-09-2024
165	Janarthanan M	Microchip/AICTE	9 weeks	03-04-2024	05-06-2024
166	Mridhu Malya K I	InternPe	4 weeks	30-09-2024	27-10-2024
167	Tamizharasan K	AICTE	10 weeks	01-05-2023	01-07-2023
168	Dharshan S	InternPe	4 weeks	9/30/0024	10/27/0024
169	Keerthivasan S	AICTE	10 weeks	10-04-2024	18-06-2024
170	Govardinan S	Microchip	10 weeks	10-04-2024	18-06-2024
171	Sathya Narayanan M	Microchip	10 weeks	01-04-2024	15-06-2024
172	Mohanpriyan I	AICTE	10 weeks	01-05-2023	31-07-2023
173	Govind M	AICTE	10 weeks	05-01-2023	07-01-2023
174	Hariprasad S	AICTE	10 weeks	01-05-2023	01-07-2023
175	Sangeethasree P	Juniper Networks	10 weeks	09-02-2023	11-10-2023
176	Pranav R	AICTE	8 weeks	01-04-2023	01-06-2023
177	Shirish	Atharvo	6 weeks	19-08-2024	19-09-2024
178	Harish Balaje S	Manatec Electronics pvt. Ltd.	1 week	02-02-2024	07-02-2024
179	Sooriya I	Manatec	2 weeks	02-02-2024	17-02-2024
180	Pampana Maneesh Satya Surya Venkat	Internpe	4 weeks	02-09-2024	29-09-2024

## 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.	Automated Drive Shaft Fault Detection Using Multi-Camera Image Processing	Hemachandiran V Mani Gandane S Goukulan S	Tetra Automation, Chennai	12 onths

## 6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1.	New Pondy Hi-Tech Machineries Private Limited, Rural Industrial Estate, Kattukuppam, Puducherry 607402	27.09.24	Third year students	60

## 6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	NeubAltics Tech Pvt Ltd	04.10.2024	Research activities	5 Years

## SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	28
Number of Students opted Higher Studies	6
Number of Entrepreneur	1





### 7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package(per annum)
1	Chandru G	ZOHO	7 LPA
2	Janai R	Embed UR	8 LPA
3	Sharaan V	AMI	4 LPA
4	Yamuna V	AMI	4 LPA
5	Selvaganapathi S	TCS- PEGA (Digital)	7.5 LPA
6	Sakthipriya A K	Hexaware	4 LPA
7	Dharshini M R	Hexaware	4 LPA
8	Ragasudha V	Hexaware	4 LPA
9	Logesh R	Hexaware	4 LPA
10	Mirdhu Malya K I	Hexaware	4 LPA
11	Tharani C	Hexaware	4 LPA
12	Saranya P	Hexaware	4 LPA
13	Vishal P	Hexaware	4 LPA
14	Shagir Parvin J	Hexaware	4 LPA
15	Krithik Rojar S	Hexaware	4 LPA
16	Amalopava Jeni A	Hexaware	4 LPA
17	Sooraj N	Hexaware	4 LPA
18	Vighneshwara B	Avalon	3 LPA
19	Pachaiyappan S	Avalon	3 LPA
20	Swetha M	Avalon	3 LPA
21	Harini K	Avalon	3 LPA
22	Elakshme Devi C	Avalon	3 LPA
23	Thivakar A	Avalon	3 LPA
24	Barathkumar R	Avalon	3 LPA
25	Krishnaprasanth K	Avalon	3 LPA
26	Nivetha P	Avalon	3 LPA
27	Kumaran C	CTS (Gen C)	4 LPA
28	Soorya G S	CTS (Gen C)	4 LPA

### 7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	Lokesh.S	Indian Institute of Space Science and Technology	M.Tech –Digital Signal Processing
2	Sibbi.T	Sastra Deemed To be University	M.Tech-VLSI Design
3	Yogeshwar.S.N	Pondicherry University	M.B.A (DA)
4	Lokeshwaran.V	Pondicherry University	M.Tech-ECE-(Intelligent Communication Systems)
5	Lalithkumar.R	National Institute of Technology Calicut	MBA
6	Eswar.M	KCT Business School,Coimbatore	MBA



### 7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	Sri sarveshwaran vishnubagavathy	English Aasaan	Service	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 by	Date of Event	Level (State / National / International)	No. of Participants
1.	Workshop on Audiotron'23- Hands on Training	ECE Sri Manakula Vinayagar Engineering College	21.06.23-22.06.23	National	60
2.	Workshop on Hands on training "Wireless Communication using MATLAB"	Sri Manakula Vinayagar Engineering College	09-10 Jun 2023	National	50
3.	Workshop on Cloud and Devops in Modern Digital Landscape	Sri Manakula Vinayagar Engineering College	01.04.2024-02.04.2024	National	60
4.	Workshop on Handson Training Program – Industrial Application of IoT	Sri Manakula Vinayagar Engineering College	1 day	National	60
5.	Workshop on Testing of Electronic Devices in Hardware	Sri Manakula Vinayagar Engineering College	13.03.2024	National	45
6.	Workshop on Arduiron'23	Sri Manakula Vinayagar Engineering College	2 Days	National	45
7.	Workshop on ARDUITRON '23: An Introductory Hands-On Training to Arduino Programming	Sri Manakula Vinayagar Engineering College	21.07.2023	National	30
8.	Workshop on Exploration of Future Trends in Chip Design	Sri Manakula Vinayagar Engineering College	29.4.2024	National	30
9.	Advancement in Antenna Technology and Biological Effects of Electromagnetic Radiation	Sri Manakula Vinayagar Engineering College	21.03.2024-22.03.2024	National	60
10.	Seminar on Advancements in Instrumentation Engineering through Artificial Intelligence: Challenges and Opportunities	Sri Manakula Vinayagar Engineering College	24.01.2024-25.01.2024	National	60
11.	FDP on Mastering Mathematical Computations using MATLAB	Sri Manakula Vinayagar Engineering College	03.08.2023-05.08.2023	National	30
12.	Seminar on Research Paper Writing And Publishing in High Impact Journals	Sri Manakula Vinayagar Engineering College	25.09.2023	National	30





## 8.2 FDP /Workshop / STTP / Conference for Faculty

S.No	Name of the Event / Workshop	Organized under (Department / Student Association/Professional 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	Name of the Event	State/National/ International level	Date of Event	Name of the award if any
1	Vishnupriya.M	Paper Presentation	State Level & SRM Valliamai Engineering College	31.08.2024	First prize
2	Kiruthika.S	Paper Presentation	State Level & SRM Valliamai Engineering College	31.08.2024	First prize
3	Arini.R	Innovative voyage (paper presentation)	State level & Adhi College of Engineering and Technology	13.09.2024	Third Prize
4	Arini.R	Programming	State level & Adhi College of Engineering and Technology	13.09.2024	Participation
5	Abiruba.S	Paper Presentation	State level & Adhi College of Engineering and Technology	13.09.2024	Participation
6	Abiruba.S	Programming	State level & Adhi College of Engineering and Technology	13.09.2024	Participation
7	Dhayanidhi.K	Innovators Day	State level & Sri Manakula Vinayagar Engineering College	13.09.2024	Participation
8	Vetriselvan.S	Hackathon	State level & VIT	18.09.2024	Participation
9	Hariharan.M	Bidding Quiz	State level & Sri Sairam Institute of Technology	19.09.2024	Participation
10	Hariharan.M	Heist Unveiled	State level & Sri Sairam Institute of Technology	19.09.2024	Participation
11	Dhivya Dharshini.D	Paper Presentation	State level & Sri Sairam Institute of Technology	19.09.2024	Participation
12	Devanesh.S	Robo Wars	State Level & Sathyabama Institute of science and technology	19.09.2024 & 20.09.2024	Second Prize
13	Dharshitha.R	Paper Expo	State level & Adhi College of Engineering and & Technology	20.09.2024	Participation
14	Yuvaasree.V	Paper Expo	State level & Adhi College of Engineering and & Technology	20.09.2024	Participation
15	Vishal.S	Paper Presentation	State level & Hindusthan Institute of Technology	25.09.2024	Participation
16	Vishal.S	Paper Presentation	State level & St Mother Theresa Engineering College	28.09.2024	Participation
17	Iniya.G	Paper Presentation	State level & Dhanalakshimi College of Engineering	09.10.2024	Participation
18	Vishal.S	Paper Presentation	State level & SIMATS Engineering	09.10.2024	Participation





S.No.	Name of the Student	Name of the Event	State/National/ International level	Date of Event	Name of the award if any
19	Vasanthra	Paper Presentation	State level & SIMATS Engineering	09.10.2024	Participation
20	Arini	Youth Talk	State level & MIT	10.10.2024	Participation
21	Kavitaanjali.V	Youth Talk	State level & MIT	14.10.2024	Second Prize
22	Dhayanidhi.K	Mexhibit	State level & Karpagam College of Engineering	16.10.2024	Participation
23	Keerthana.R	Project Presentation	State level & Sri Ramakrishna Engineering College	18.10.2024	Participation
24	Hariharan.G.V	Project Presentation	State level & Sri Ramakrishna Engineering College	18.10.2024	Participation
25	Pavithra.K.R	Project Presentation	State level & Sri Ramakrishna Engineering College	18.10.2024	Participation
26	Madhumitha.D	Project Presentation	State level & Sri Ramakrishna Engineering College	18.10.2024	Participation
27	Sri Ragavendran.M	Project Presentation	State level & Sri Ramakrishna Engineering College	18.10.2024	Participation
28	Dhayanidhi.K	Technical Symposium	State level & Kings Engineering college	18.10.2024	Participation
29	Krithika.S	Digi Pay Pro	National level & IIT Bombay	17.12.2024 to 19.12.2024	Participation
30	Sneghaa.M	Paper persentation	State level & Saveetha Engineering college	19.12.2024 to 20.12.2024	Participation
31	Yuvanesh balaji.M	Robo soccer	State Level & National Institute of Engineering	26.12.2024	First Prize
32	Devanesh.S	Robo Trail	State Level & VIT,Chennai	2024	Second 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
1	Mrs.R.Gayathri	Awarded with a Mentee Award from NPTEL for the subject Introduction of Internet of Things
2	Mrs.R.Gayathri	Contributed as Reviewer in the 10 <sup>th</sup> International Conference on Communication and Signal Processing - ICCSP 2024 held on 12th & 13th April 2024
3	Mrs.R.Gayathri	Contributed as Reviewer in the 10 <sup>th</sup> International Conference on Computing and Data Science (ICCDs- 2024) held on 26th & 27th April 2024
4	Mr.R.Kalaiyaran,	Contributed as Reviewer in IGI Global academic publisher of international scientific research areas -April 7, 2024





S.No	Name of the Faculty	Members of Committees at University Level /State Level/National Level/International Level as
5	4. Dr.S.Dhivya	Contributed as Reviewer in the 10th International Conference on Communication and Signal Processing - ICCSP 2024 held on 12th & 13th April 2024.
6	Mrs.R.Gayathri	Contributed as Reviewer in the International Conference on Intelligent Algorithms for Computational Intelligence Systems (IACIS) organized by Navkis College of Engineering , Hassan(NCEH) , 23-24 <sup>th</sup> August 2024
7	Dr. N. Saranya	Contributed as Peer Reviewer for IETE Journal of Research
8	Dr. S. Dhivya	received a recognition for her outstanding contribution to the quality of the book. She was also awarded a Certificate of Excellence in Peer-Reviewing.- Sep ,2024
9	Dr. S. Dhivya	Received IEEE ethics championship in Region 10, Madras section, August,2024
10	Mrs.R.Gayathri	Received Springer Nature Reviewer Certificate for their contribution to one manuscript in 2024 for Discover Applied Sciences on October , 2024.
11	Dr.R.Kalaiyaran	Acted as Reviewer Recent Advances In Sustainable Engineering And Future Technologies, Organized by Matrusri Education Society Technically Co-Sponsored by IEEE Hyderabad Section,27th to 29th December 2024
12	Dr. S.Dhivya	Received Springer Nature Reviewer Certificate for their contribution to one manuscript in 2024 for Discover Applied Sciences on October , 2024.
13	Dr. S. Dhivya	Received a recognition for her outstanding contribution to the quality of the book. She was also awarded a Certificate of Excellence in Peer-Reviewing.- Sep ,2024.
14	Dr. J. Pradeep	has served as a reviewer for the 2024 International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication (IConSCEPT-2024), organised by the National Institute of Technology Puducherry, Karaikal, in association with IEEE MADRAS SECTION during July 4-5, 2024.
15	Dr. J. Pradeep	contributed as as REVIEWER for 2nd IEEE International Conference on Data Science and Network Security (ICDSNS - 2024) organized by Kalpataru Institute of Technology, Tiptur,26th-27th July 2024
16	Mrs.R.Gayathri	Contributed as Reviewer in the 10th International Conference on Communication and Signal Processing - ICCSP 2024 held on 12th & 13th April 2024.
17	Dr.R.Kurinjimalar	Reviewer(IEEE Technical Program Committee member and reviewed papers)
18	Mr.R.Kalaiyaran	Contributed as Reviewer in IGI Global academic publisher of international scientific research areas - April 7, 2024
19	Dr. N. Saranya,	received a recognition for her outstanding contribution to the quality of the Journal of Cancer and Tumor International. She was also awarded a Certificate of Excellence in Reviewing.-May ,2024.
20	Dr. S. Dhivya,	Contributed as Mentor in Young Technopreneurs Challenge,June-29,2024
21	Mrs.R.Gayathri,	Contributed as Reviewer in the International Conference on Intelligent Algorithms for Computational Intelligence Systems (IACIS) organized by Navkis College of Engineering , Hassan(NCEH) , 23-24 <sup>th</sup> August 2024.
22	Dr. N. Saranya	Contributed as Peer Reviewer for IETE Journal of Research
23	Dr. N. Saranya	Acted as a Reviewer for Engineering Review Journal
24	Dr.S.Dhivya	Acted as a Reviewer in International Conference on Electrical, Computer and Energy Technologies (ICECET 2024)
25	Dr.S.Dhivya	Youn Researcher Award 2023 from Institute of Science
26	Dr. S. Prem Kumar	Certificate of Appreciation - served as Technical Program Committee member and reviewed papers submitted to the International Conference on Advances in Computational Intelligence and Communication (ICACIC 2023), held on 7th & 8th December 2023





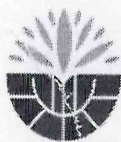
### 9.3 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1.	Dr. J. Pradeep	Reviewer for 2nd IEEE International Conference on Data Science and Network Security. Reviewer for the 2024 International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication.
2.	Dr. P.Arunagiri	Reviewer in 2024 Asian Conference on Communication and Networks.
3.	Dr. N. Saranya	Peer Reviewer for IETE Journal of Research.
4.	Dr. S. Dhivya	Peer reviewer in outstanding contribution to the quality of the book in BP International. Springer Nature Reviewer in Signal, Image and Video Processing. Reviewer in 4 <sup>th</sup> International Conference on Electrical, Computer and Energy Technologies. Springer Nature Reviewer in Discover Applied Sciences.
5.	Dr.R.Kalaiyaran	Reviewer in International Conference on Recent Advances in Sustainable Engineering and Future Technologies.
6.	Mrs.R.Gayathri	Springer Nature Reviewer Certificate for Discover Internet of Things. Springer Nature Reviewer Certificate for Cluster Computing. Reviewer in the International Conference on Intelligent Algorithms for Computational Intelligence Systems.
7.	Dr.T.Deepa	Reviewer in Progress in Electromagnetic Research. Reviewer in 2nd International Academic Conference on Optics and Photonics.

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

Sl.No	Name of the Faculty	Name of Awards / Recognition
1.	Mrs.R.Gayathri	Reviewer in the International Conference on Intelligent Algorithms for Computational Intelligence Systems (IACIS) organized by Navkis College of Engineering , Hassan(NCEH)
2.	Dr.N.Saranya	Peer Reviewer for IETE Journal of Research.
3.	Dr.S.Dhivya	Received a recognition for her outstanding contribution to the quality of the book. She was also awarded a Certificate of Excellence in Peer-Reviewing.
4.	Dr.S.Dhivya	Received IEEE ethics championship in Region 10, Madras section.
5.	Dr.J.Pradeep	Reviewer for the 2024 International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication (IConSCEPT-2024), organised by the National Institute of Technology Puducherry, Karaikal, in association with IEEE MADRAS SECTION.
6.	Dr.J.Pradeep	REVIEWER for 2nd IEEE International Conference on Data Science and Network Security (ICDSNS - 2024) organized by Kalpataru Institute of Technology, Tiptur.





**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.	Mrs.R.Gayathri	Communication and Signal Processing	ICCDS-2024	2
2	Mrs.R.Gayathri	Computing and Data Science	ICCDS-2024	2
3	Mr.R.Kalaiyaran	publisher of international scientific research areas	IGI Global academic	1
4	Dr.S.Dhivya	Communication and Signal Processing	ICCSP 2024	2

**9.6 Best Practices followed by the Department**

S.No	Best Practice	Description
1	Hands-on Skill Development	<ul style="list-style-type: none"> <li>Regular lab-based mini-projects in core domains like VLSI, Embedded Systems, IoT, and Communication.</li> <li>Workshops on PCB design, Arduino/Raspberry Pi, MATLAB, and Python for electronics.</li> </ul>
2	Innovative Teaching–Learning Methods	<ul style="list-style-type: none"> <li>Use of ICT-enabled classrooms (smart boards, simulation tools like MATLAB, Multisim).</li> <li>Flipped classroom and problem-based learning sessions.</li> </ul>
3	Student Support & Mentorship	<ul style="list-style-type: none"> <li>Faculty advisors for continuous academic and personal guidance.</li> <li>Remedial classes for slow learners.</li> </ul>

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

S.No	Name of the Alumni	Contact Details
1.	Bhuvaneshwar B	Pega graduate engineer trainer EON Free Zone, Kharadi, Pune-411014 Vodafone Pega <a href="mailto:bhuvaneshwarradha@gmail.com">bhuvaneshwarradha@gmail.com</a> 7904494107
2.	Balaji C	Member Technical Staff Plot 140, Estancia IT Park, Chengalpattu District, Tamil Nadu-603202 Zoho <a href="mailto:c.p.balaji16@gmail.com">c.p.balaji16@gmail.com</a> 9994115238
3.	Shre Krithick R	Systems Engineer 415/21-24, Kumaran Nagar, Sholinganallur, Old Mahabalipuram, Chennai-600119 TCS Digital <a href="mailto:shrekrithickd@gmail.com">shrekrithickd@gmail.com</a> 9789007558

**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.P.RAJA**  
Professor and Head  
Dept. of Electronics & Communication Engg.  
Sri Manakula Vinayagar Engineering College  
Madagadipet, Puducherry - 605 107.



**Recommendations:**

Criteria	Remarks
Curricular Aspects	Introduce more theory cum practical courses
Teaching, Learning and Evaluation	<ul style="list-style-type: none"> <li>Appreciated for the Certifications courses are conducted for the students and also organize more hands-on training</li> <li>Appreciated for the pedagogical initiatives adopted in teaching and learning process however include more ..</li> </ul>
Structured Feedback	Structured feedback is collected from the stack holders for curriculum and analysed the feedback.
Research, Innovation and Publications	<ul style="list-style-type: none"> <li>Increase more number of publications. The target fixed per faculty (Minimum two publications per academic year) should be maintained</li> <li>Generate more funds through funded projects and consultancy works</li> </ul>
Collaborations and Linkages	Need to establish the collaboration with more industries and Universities
Student Progression	Satisfied
Activity Conducted / Organized by the Department	Good number of activities are organized by the Department
Achievements	Motivate the students to participate in National and International Level events.
General Remarks	-

*Hemalatha*

Name and Signature  
(Affiliation of AAA Committee Member -1)

*Dr. K. Hemalatha*  
Associate Professor / Mechanical

*Dr. D. Raja*

Name and Signature  
(Affiliation of AAA Committee Member -2)

*Dr. D. Raja*  
Professor / EEE





**SRI MANAKULA VINAYAGAR**  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



INTERNAL QUALITY ASSURANCE CELL

## **ACADEMIC AND ADMINISTRATIVE AUDIT**

### **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR  
ACADEMIC DEPARTMENTS  
Academic Year - 2024-25  
Internal Audit**

**SECTION -1: BASIC INFORMATION**

Audit Date	07-03-2025			
Name of the Department	Computer Science and Engineering			
Year of Establishment	1999			
Head of the Department	Dr.K.Premkumar			
	Name of the Program		Approved Intake	
	B.Tech (CSE)		300	
	M.Tech(CSE)		24	
	M.Tech (BDA)		30	
	P.hD		30	
Programs Discontinued if any	-			
Number of full time Teachers	Designation	Available	Sanctioned	Filled
	Professor	3	3	3
	Associate Professor	10	10	10
	Assistant Professor	36	36	36
Number of Technical Staff	06			
Number of Students	For UG B.Tech CSE		For PG: M.Tech CSE	
	Year	M	F	Total
	First Year	162	127	289
	Second Year	98	79	177
	Third Year	112	84	196
	Fourth Year	110	78	188
	Total	482	368	850
	Year	M	F	Total
	First Year	5	1	6
	Second Year	3	3	6
	Total	8	4	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 Computer Science and Engineering	R-2023	08-08-2024



## Summary of changes in Curriculum/syllabus

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus
<p>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.</p> <p><b>Employability Courses:</b></p> <ul style="list-style-type: none"> <li>· Data Science and Digital Marketing Analytics</li> <li>· Animation and Visual Effects</li> <li>· Programming in Python</li> <li>· Programming in C</li> <li>· Android Programming</li> <li>· Fundamentals of Data Design</li> <li>· Engineering Graphics Using AutoCAD</li> </ul> <p><b>Skill development</b></p> <ul style="list-style-type: none"> <li>· Project</li> </ul> <p><b>Entrepreneurship</b></p> <ul style="list-style-type: none"> <li>· Entrepreneurship Management</li> <li>· Business Basics for Entrepreneur</li> </ul>	<p>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:</p> <p><b>Employability Courses:</b></p> <ul style="list-style-type: none"> <li>· Web Designing</li> <li>· Devops and Deployment Systems</li> <li>· Designing and building of bots</li> <li>· Modern Computer Architecture</li> <li>· Introduction to Machine Learning</li> </ul> <p><b>Skill development</b></p> <ul style="list-style-type: none"> <li>· Micro Project</li> <li>· Mini Project</li> <li>· Design Thinking</li> </ul> <p><b>Entrepreneurship</b></p> <ul style="list-style-type: none"> <li>· Entrepreneurship Management</li> <li>· Business Basics for Entrepreneur</li> <li>· Communicative English</li> </ul> <p><b>Theory cum Practical Courses:</b></p> <ul style="list-style-type: none"> <li>· Design and Analysis of algorithm</li> <li>· Android Programming</li> </ul> <p><b>Flexible Learning:</b> Honours and Minors in Cyber Security</p>

**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 Project Management	U20CSCM01	195
2	IV/VII	Professional Elective – I: Data Mining and Warehousing	U20CSE717	64
3	IV/VII	Professional Elective – I: Virtual Reality	U20CSCM04	124

**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	ICE	Open Elective – II: Fuzzy logic and neural networks	U20ICCM01	60
2	III/V	BME	Biometric Systems	U20BMO503	135
3	IV/VII	IT	Open Elective – IV: Automation Techniques and Tools	U20ITCM08	188

**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	III / V	Presentation Skills using ICT	U20CSS505	195
2	III / V	Skill Development Course 4: Foreign Language/ IELTS – I/Career and Professional Skill Development Program I	U20CSS504	195
3	II/III	Aptitude I	U23CSS301	177

**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	Web Application Development (HTML, CSS, JS)	Web Application Development (HTML, CSS, JS)	289
2	III / V	Internet of Things	U20CSC556	188
3	II/III	CCNA	U23CSC328	176

**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	289
2	III/V	Indian Constitution	U20CSM505	195
3	IV/VII	Professional Ethics	U20CSM707	188
4	II/III	Climate Change	U23CSM303	197



## 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/IV	Python For Data Science	NPTEL	30	26
2.	III/V	Programming In Java	NPTEL	25	18
3.	III/V	Introduction To Internet Of Things	NPTEL	45	35
4.	IV/VII	Computer Graphics	NPTEL	25	18
5.	IV/VII	Cloud Computing	NPTEL	15	8

## SECTION -3: TEACHING, LEARNING AND EVALUATION

### 3.1 Course Delivery : ODD SEM

#### Semester: I

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	Mr. D. Rajesh	60	60	72
		Mrs. S. Deeba	60	60	72
		Mrs. C. Karthika	60	60	72
2.	U23CSTC02 Problem Solving Approach	Ms. V. Swathilakshmi	60	60	68
		Mrs. M. Hemalatha	60	60	68
		Mr. B. Thiagarajan	60	60	68
PRACTICAL					
3.	U23CSPC01 Programming in C Laboratory	Dr. K. Premkumar	60	60	66
		Dr. M. Shanmugam	60	60	66
		Mrs. R. Deepa	60	60	66

#### Semester: III

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	U23CSDC01 Automata and Compiler Design	Ms. V. Nivetha	60	60	68
		Ms. Mohanapriya	60	60	68
		Mr. Arokiaraj St. Hubert	60	60	68
2	U23CST303 Computer Networks	Mr. Arokiaraj St. Hubert	60	60	54
		Mr. S. Kumarakrishnan	60	60	54
		Mr. R.Rajadurai	60	60	54
3	U23CST01 Embedded Systems and Architecture and Interfacing	Dr. Pazhaniraja	60	60	62
		Dr. R. Ramachandiran	60	60	62
		Mr. Anbuthiruvaranga n	60	60	62
4	U23CST302 Software Engineering and Testing	Mrs. Suganya N.	60	60	62
		Ms. Amala	60	60	62
		Dr. M. Ganesan	60	60	62
3	U23CSBC01	Mr. P. Karthikeyan	60	60	62



	Design and Analysis of Algorithms	Mrs. Nirmala Devi	60	60	62
		Mrs. Pavithra	60	60	62
<b>PRACTICAL</b>					
1	U23CSP301 Embedded Systems and Architecture and Interfacing	Dr. Pazhaniraja	60	60	62
		Dr. R. Ramachandiran	60	60	62
		Mr. Anbuthiruvarangan	60	60	62
2	U23CSP302 Software Engineering and Testing	Mrs. Suganya N.	60	60	62
		Ms. Amala	60	60	62
		Dr. M. Ganesan	60	60	62
3	U23CSBC01 Design and Analysis of Algorithms	Mr. P. Karthikeyan	30	30	30
		Mrs. Nirmala Devi	30	30	30
		Mrs. Pavithra	30	30	30

**Semester : V**

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.	U20CST510 Handheld Computing: Design and	Mrs. S. Subasree	60	60	62
		Mr. Anbuthiruvarangan	60	60	62

	Application Development	Mrs. Nirmala Devi	60	60	62
2	U20CST511 Programming in PHP	Mr. P. Karthikeyan	60	60	66
		Mr. D. Rajesh	60	60	66
		Ms. V. Nivetha	60	60	66
3	U20CST512 Software Engineering and Testing	Mrs. C. Karthika	60	60	62
		Dr. M. Shanmugam	60	60	62
		Mrs. S. DEEBA	60	60	62
4	U20CSCM01 Software Project Management	Dr. R. Ramachandiran	60	60	64
		Dr. Pazhaniraja	60	60	64
		Mrs. M. Hemalatha	60	60	64

#### **PRACTICAL**

1	U20CSP506 Handheld Computing Laboratory	Mrs. S. Subasree	60	60	62
		Mr. Anbuthiruvarangan	60	60	62
		Mrs. Nirmala Devi	60	60	62
2	U20CSP507 Programming in PHP Laboratory	Mr. P. Karthikeyan	60	60	62
		Mr. D. Rajesh	60	60	62
		Ms. V. Nivetha	60	60	62
3	U20CSP508 Software Testing Laboratory	Mrs. C. Karthika	60	60	62
		Dr. M. Shanmugam	60	60	62
		Mrs. S. DEEBA	60	60	62

#### **Semester : VII**

S.No	Course Code / Course Title	Name of the Faculty	No. of Lectures / Practical hours as per	No. of Lectures / Practical hours as per Lesson	No. of Lectures / Practical hours conducted
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			syllabus	Plan	
1	U20ITCM03 IoT and Edge Computing	Dr. M. Ganesan	60	60	62
		Mr. P. Karthikeyan	60	60	62
		Mrs. Nirmala Devi	60	60	62
2	U20CST718 Data Science and Digital Marketing Analytics	Mrs. Suganya N.	60	60	63
		Ms. Amala	60	60	63
		Dr. M. Shanmugam	60	60	63
3	U20CSCM04 Virtual Reality	Dr. Pazhaniraja	60	60	62
		Dr. R. Ramachandiran	60	60	62
		Mr. S. Kumarakrishnan	60	60	62
PRACTICAL					
1	U20CSP712 Iot and Edge Computing Laboraotory	Dr. M. Ganesan	60	60	58
		Mr. P. Karthikeyan	60	60	58
		Mrs. Nirmala Devi	60	60	58
2	U20CSP713 Data Science and Digital Marketing Analytics Laboratory	Mrs. Suganya N.	60	60	58
		Ms. Amala	60	60	58
		Dr. M. Shanmugam	60	60	58
3	U20CSP714 Comprehensive Viva-Voce	Mrs. C. Karthika	60	60	62
		Mr. Anbuthiruvarangan	60	60	62
		Mrs. P. Bhavani	60	60	62

**ODD SEMESTER : M.TECH : Computer Science and Engineering**

**SEMESTER : I**

SL.NO	Course Code /Course Title	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lecture s / Practica l hours as per Lesson Plan	No. of Lectures / Practical hours conducted
<b>THEORY</b>					
1	P23CSTD01 Advanced Data Structures and Algorithms	Dr. K. Premkumar	60	60	62
2	P23CST102 Cloud and Big Data Analytics	Dr. M. Shanmugam	60	60	62
3	P23CSTD02 Speech and Language Processsing	Dr. R. Ramachandiran	60	60	62
4	P23HSTC01 Research Methodology and IPR	Dr. Pazhaniraja	60	60	62
5	P23CSE104 PE I : Block chain and crypto currency	Mr. B. Thiyagarajan	60	60	62
<b>PRACTICAL</b>					
6	P23CSP101 Advanced Data Structures and Algorithms Laboratory	Dr. K. Premkumar	60	60	62
7	P23HSPC01 Technical Report Writing and Seminar	Dr. M. Ganesan	60	60	62



**Semester III**

SL.N O.	Course Code /Course Title	Name of the Faculty	No. of Lecture s / Practic al hours as per syllabus	No. of Lectures / Practica l hours as per Lesson Plan	No. of Lecture s / Practic al hours conduct ed
<b>THEORY</b>					
1	P23CSE209 Mobile Application and Development	Mrs. S. Deebea	60	60	62
2	P23CSE312 Pattern Recognition	Dr. M. Ganesan	60	60	62
3	P23CSE317 Intelligent Internet of Things	Dr. Pazhaniraja	60	60	62
<b>PROJECT</b>					
1	P23CSW301 Project Phase I	Dr. M. Ganesan	60	60	62

**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. Ganesan	U20ITCM03 IoT and Edge Computing	Projector
2.	Dr. N.Pazhaniraja	U20CSCM04 Virtual Reality	Projector
3.	Mrs.S.Deebea	U20CST512 Software Engineering and Testing	Projector
4.	Dr.R.Ramachandiran	Embedded Systems and Architecture and Interfacing	Projector
5.	Dr.M.Shanmugam	P23CST102 Cloud and Big Data Analytics	Projector
6.	Ms.A.Amala Margert	U20CST718 Data Science and Digital Marketing Analytics	Projector
7.	Mr.D.Rajesh	U23CSTC01 Programming in C	Projector

### 3.3 List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conducti on	Target Audienc
1	Industry Trends in software Project planning and Estimation	Mr. Abdul Hasif, System Engineer, TCS Chennai.	10-08-2024	195
2	Recent Trends in Embedded systems in Digital ERA	Mr. Nithiyanandan, Embedded Developer Texas, Banglore.	10-08-2024	175
3	Robotics and Computer Vision in IOT	Mr. Sethuraman .R, Associate Professor , CSE ,Sathyabama Institute of Science and Technology ,Chennai	02-11-2024	188
4	Digital Marketing Analytics Trends and Techniques	Ms.S.P.Lekshmi, Brand Marketing Manager, Amazon, Chennai.	22-08-2024	187
5	Industry Trends in Datamining and data warehousing	Mr. Gokulappadurai, junior developer, iProAT, solutions Pvt.Ltd	24-08-2024	64
6	Algorithm Design Paradigms: From Divide and Conquer to Dynamic Programming	Mr. S. Vimalkumar, System Engineer , TCS,Chennai.	14-09-2024	175
7	Automata and Compiler design	Dr.A.Ponmalar, Associate Professor, R.M.K Engineering College Chennai.	05-09-2024	175
8	Software Development Activities in Industries	Mr.Shankar Anand, System Engineer, ZOHO, Chennai.	14-09-2024	195
9	Android Mobile development using java	Mr. Shahanaz, Technical Trainer, Train Lab Academy, Puducherry.	14-09-2024	195
10	Cognizance Program on Software Testing	Mr. S. Praveenkumar, Associate Web developer,	13-09-2024	175



		Integra software services, Puducherry.		
11	Foundation on Building computer networks	Mr. Vasanthakumar, Network Admin, SMVEC,Puducherry.	28-09-2024	178
12	Artificial Intelligence in Virtual Reality	Mr. Shahanz, Technical Trainer, Train Lab Academy, Puducherry	10-08-2024	188
13	Building Real-World Applications in C	Mr.Madesh, System Engineer, TCS, Chennai.	12-12-2024	290

### 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.	Problem Solving Approach	Ms. V. Swathilakshmi	Yes	3	Yes
2.	Automata and Compiler Design	Ms.V.Nivedha	Yes	4	Yes
3.	Computer Networks	Mr. S. Kumarakrishnan	Yes	3	Yes
4.	Embedded Systems and Architecture and Interfacing	Dr.R.Ramachandiran	Yes	3	Yes
5.	Design and Analysis of Algorithms	Mr. P. Karthikeyan	Yes	3	Yes
6.	Handheld Computing: Design and Application Development	Mr. Anbuthiruvarangan	Yes	2	Yes
7.	Virtual Reality	Mr. S. Kumarakrishnan	Yes	2	Yes
8.	Network Security	Mrs. S. Subasree	Yes	3	Yes

### 3.5 Counseling and Mentoring

No. of Students in Department		Number of Mentors in the Department	Mentor: Mentee Ratio
862		44	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 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	-

### 3.7 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:2024-28**

S.No	Particular	U G	P G
1	Number of Students appeared	289	6
2	Number of All Clear Students	234	6
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	81	100

**Semester : III**

**Batch:2023-27**

S.No	Particular	UG	PG
1	Number of Students appeared	176	6
2	Number of All Clear Students	152	6
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	86	100

**Semester : V**

**Batch: 2022-26**

S.No	Particular	UG	PG
1	Number of Students appeared	195	
2	Number of All Clear Students	185	
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	95	

**Semester : VII**

**Batch:2021-25**

S. No	Particular	UG	PG
1	Number of Students appeared	188	
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		
7	Passing Percentage	92	

**3.9 Student Performance of Outgoing Students (Batch:2020-24)**

S. No	Particular	UG	PG
1	Number of outgoing students	189	4
2	Number of students successfully completed the program	187	4
3	Number of students completed the program with no backlogs	145	4
4	Number of students completed the program with backlogs	42	-

#### 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	65	-
2	Employer feedback on curriculum with analysis and action taken report	Yes	100	-
3	Teacher feedback on curriculum with analysis and action taken report	Yes	53	-
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes	189	-
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	32	-
6	Alumni feedback on curriculum with analysis and action taken report	Yes	630	-
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	730	-
8	Graduate (program) Exit Survey with analysis and action taken report	Yes	188	-

#### 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.Premkumar	AI-Driven Phishing Email Detector and Cyber-Awareness Portal	SMVET	1,60,000	1 Year
2	Dr.M.Ganesan	Cybersecurity Awareness Platform for Students	SMVET	1,00,000	1 Year



3	Dr.T.Megala	AI - Based Smart Tutoring Systems for Students	SMVET	1,50,000	1 Year
4	Mr.S.Kumarakrishnan	Development of Smart Education System for Small Farmers	SMVET	1,20,000	1 Year

## 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)

S. 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	2019-20	27	03	2019-20	27	03
2	2020-21	30	16	2020-21	30	16
3	2021-22	1	1	2021-22	1	1
4	2022-23	73	18	2022-23	73	18

### Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	-
Number of Publications in International Journals	4
Number of Publications in National Conferences	-
Number of Publications in International Conferences	-
Number of Books / Book Chapters	1
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

### International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol , issue, pp, ISBN/ISSN	Indexing
1	Gesture Analysis in Online Meeting Using MI	Mr.D.Rajesh	IJIRT	Volume11, Issue 7	Google Scholar
2	Prediction of Phishing Websites through	Dr.N.Pazhaniraja	IJIRT	Volume 11, Issue 7	Google Scholar

	Recurrent Neural Network with Autoencoders				
3	Survey on Personalized Story Generator	Dr.T.Megala, Dr.K.Premkumar	IJEDR	Volume 12, Issue 4	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

### 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	Enhancing the Performance of Sentiment Analysis using Enhanced Preprocessing Technique with Agriculture Review Score Calculation	Arokiaraj Christian St Hubert , Dr.J.Madhusudan	Asian Conference on Intelligent Technologies (ACOIT)	Asian Conference on Intelligent Technologies (ACOIT)	979-8-503-7495-7/24/\$31.00	IEEE
2	Game-Based Learning Systems	1. S. Kumarakrishnan, S. Geetha, J. Madhusudan and V. P. Venkatesan	2024 International Conference on System, Computation, Automation and Networking	(ICSCAN), PUDUCHERRY, India, 2024	pp. 1-5, doi: 10.1109/ICSCAN62807.2024.10894679.	(SCOPUS INDEXED)
3	"Amelioration of Automation Techniques in Auto ML", ,	1. S. Kumarakrishnan, and V. P. Venkatesan, S. Geetha, J. Madhusudan	Journal of Information Systems Engineering and Management	Journal of Information Systems Engineering and Management	ISSN: 2468-4376.	(SCOPUS INDEXED).

### Books / Book Chapters



S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Data Privacy in Education: Innovations and Challenges in the Age of AI" , from the book "Education 4.0: Leveraging Technology for Future-Ready Learning“.	S.Kumarakrishnan et al.		Eureka Publications
2	Fundamentals of Machine Learning for Predictive Data Analytics	Dr.N.Pazhaniraja et al.		RK Publications

### Patent

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

### 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.	KALAIARASAN S	ZOHO	6 Months	16/5/2024	16/10/2024
2.	CHANDRAJ N	CONTENTSTACK	6 Months	6/1/2025	30/6/2025
3.	HARINE S	AMERICAN MEGA TRENDS	2 Months	6/1/2025	19/2/2025
4.	SARAVANA KUMAR J	AMERICAN MEGA TRENDS	2 Months	6/1/2025	19/2/2025
5.	HEMA SWETHA	MULTICOREWARE	6 Months	8/1/2025	30/6/2025

6.	VARSHA	PEGA SYSTEMS	5 Days	6/1/2025	10/1/2025
7.	JEYA MURUGAN	SOCIETE GENERAL	6 Months	27/1/2025	28/7/2025
8.	MANIBALA V	SOCIETE GENERAL	6 Months	27/1/2025	28/7/2025
9.	DHANUSHRI T R	PEGA SYSTEMS	5 Months	18/2/2025	18/7/2025
10.	MITHUNRAJ	PWC	6 Months	19/2/2025	29/8/2025
11.	ABHAY PRAMOD	TCS	2 Months	24/2/2025	30/4/2025
12.	MONISH	CTS	6 Months	6/3/2025	6/9/2025
13.	VISWA	CTS	6 Months	6/3/2025	6/9/2025
14.	KATHIRVELAN	CTS	6 Months	6/3/2025	6/9/2025
15.	HARISH R	TOLROP	2 Months	7/2/2025	21/4/2025
16.	TANNISHTHA	KAAR	5 Months	3/3/2025	3/8/2025
17.	PAVITRA	KAAR	5 Months	3/3/2025	3/8/2025
18.	RUBAVARSHINI	KAAR	5 Months	3/3/2025	3/8/2025
19.	LAVANYA	KAAR	5 Months	3/3/2025	3/8/2025
20.	VAISHNAVI	CTS	6 Months	3/3/2025	3/9/2025
21.	SUBASRI E	CTS	6 Months	17/3/2025	17/9/2025
22.	KEERTHIVASAN	CTS	6 Months	17/3/2025	17/9/2025
23.	EZHIL KUMARAN	HEXAWARE	6 Months	20/3/2025	20/9/2025
24.	DEVAPRIYAN	HEXAWARE	6 Months	20/3/2025	20/9/2025
25.	MAHESWARAN.S	CTS	2 Months	6/3/2025	31/5/2025



26.	FREDRICK JOSEPH .A	HEXAWARE	6 Months	24/4/2025	24/10/2025
27.	JANANI E	CTS	2 Months	6/3/2025	31/5/2025

## 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.	NIL	NIL	NIL	NIL

## 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, Intern, Research	5 years

## SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	156
Number of Students opted Higher Studies	11
Number of Entrepreneur	Nil

## 7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)	Salary Package
1	21UCS034	CHANDRAJ N	Content Stack	11.77
2	21UCS059	HEMA SWETHA K	Multicoreware	7.20
3	21UCS071	KALAIARASAN S	Zoho	7.00
4	21UCS004	ABHAY PRAMOD	Hexaware	4.00
5	21UCS013	AKAASH R	Hexaware	4.00

6	21UCS015	AKSHAYKUMAR A	Hexaware	4.00
7	21UCS041	DEVAPRIYAN A	Hexaware	4.00
8	21UCS049	DUSANAPUDI SARAYU	Hexaware	4.00
9	21UCS050	EZHIL KUMARAN B	Hexaware	4.00
10	21UCS051	FREDRICK JOSEPH	Hexaware	4.00
11	21UCS060	INDHUJA M	Hexaware	6.00
12	21UCS111	PAVITHRA S V	Hexaware	4.00
13	21UCS161	TANNISHTHA P	Hexaware	4.00
14	21UCS162	THARNIDHAR S	Hexaware	6.00
15	21UCS163	TUSHAR SHANKAR	Hexaware	4.00
16	21UCS167	VARSHA VARDINI T	Hexaware	4.00
17	21UCS168	VARSHINI R	Hexaware	4.00
18	21UCS177	YUGHESH N	Hexaware	4.00
19	21UCS179	YUVASHREE T	Hexaware	4.00
20	21UCS068	JEYA MURUGAN R	Societe Generale	5.43
21	21UCS089	MANIBALA V	Societe Generale	5.43
22	21UCS055	HARINE K	American Megatrends	4.00
23	21UCS077	KEERTHIVASAN V	American Megatrends	4.00
24	21UCS144	SARAVANA KUMAR J	American Megatrends	4.00
25	21UCS043	DHANUSHRI T R	TCS Ninja(PEGA)	3.86
26	21UCS166	VARSHA V	TCS Ninja(PEGA)	3.86
27	21UCS043	DHANUSHRI T R	PEGA Systems	10.60
28	21UCS095	MONISH S	CTS GenC	4.00
29	21UCS165	VAISHNAVI R	CTS GenC	4.00
30	21UCS072	KATHIRVELAN S	CTS GenC	4.00



31	21UCS174	VISWA V	CTS GenC	4.00
32	21UCS088	MAHESWARAN S	CTS GenC	4.00
33	21UCS155	SUBASRI E	CTS GenC	4.00
34	21UCS063	JANANI E	CTS GenC	4.00
35	21UCS125	RAGAVE I	CTS GenC	4.00
36	21UCS098	NANDHAKUMAR V S	CTS GenC	4.00
37	21UCS077	KEERTHIVASAN V	CTS GenC	4.00
38	21UCS057	HARISH CHARAN U	TCS Digital	7.00
39	21UCS074	KAVIYA J	TCS Digital	7.00
40	21UCS125	RAGAVE I	TCS Digital	7.00
41	21UCS139	SANDHYA P	TCS Digital	7.00
42	21UCS176	YOKESWARI M	TCS Digital	7.00
43	21UCS004	ABHAY PRAMOD	TCS Digital	7.00
44	21UCS006	ABISHEK S	TCS Ninja	3.36
45	21UCS007	ABITHA S	TCS Ninja	3.36
46	21UCS008	AGIL AADHAVAN A	TCS Ninja	3.36
47	21UCS017	ANISAH	TCS Ninja	3.36
48	21UCS023	ASWATHAMAN R	TCS Ninja	3.36
49	21UCS032	CHAARUCHITHRA S P	TCS Ninja	3.36
50	21UCS035	CHARUMATHI	TCS Ninja	3.36
51	21UCS040	DEVANANDA ANIL	TCS Ninja	3.36
52	21UCS044	DHANVARSHAN S	TCS Ninja	3.36
53	21UCS047	DINESH KUMAR S	TCS Ninja	3.36
54	21UCS055	HARINE K	TCS Ninja	3.36
55	21UCS058	HARSHITH SURYA BODA	TCS Ninja	3.36
56	21UCS060	INDHUJA M	TCS Ninja	3.36

57	21UCS075	KAVYA P	TCS Ninja	3.36
58	21UCS079	KIRUTHIKA K	TCS Ninja	3.36
59	21UCS082	LAKSHMIPRIYA B	TCS Ninja	3.36
60	21UCS083	LAVANYA N	TCS Ninja	3.36
61	21UCS089	MANIBALA V	TCS Ninja	3.36
62	21UCS090	MATHIVATHANARAJ M	TCS Ninja	3.36
63	21UCS104	NITHYA S	TCS Ninja	3.36
64	21UCS114	PRABHAKARAN S	TCS Ninja	3.36
65	21UCS115	PRANAUV KESSAVAN @ VENKATRAMAN	TCS Ninja	3.36
66	21UCS116	PRASANTH D	TCS Ninja	3.36
67	21UCS117	PRATHIKSARATHY V	TCS Ninja	3.36
68	21UCS120	PRISCILLA P	TCS Ninja	3.36
69	21UCS122	PRIYANGAA P K	TCS Ninja	3.36
70	21UCS124	PUSHPITAA M	TCS Ninja	3.36
71	21UCS126	RAGU V	TCS Ninja	3.36
72	21UCS127	RAM KUMAR V	TCS Ninja	3.36
73	21UCS129	RAMPRASANTH. S	TCS Ninja	3.36
74	21UCS131	RUBAVARSHINI A	TCS Ninja	3.36
75	21UCS133	SABAPATHY RAJAN RS	TCS Ninja	3.36
76	21UCS135	SAKTHEESHWARI M	TCS Ninja	3.36
77	21UCS137	SAKTHI. R	TCS Ninja	3.36
78	21UCS141	SARADHA V	TCS Ninja	3.36
79	21UCS148	SHANMUGAPRIYA R	TCS Ninja	3.36
80	21UCS149	SHANTHINI A	TCS Ninja	3.36
81	21UCS150	SHARATH R	TCS Ninja	3.36
82	21UCS154	SRIRAM V	TCS Ninja	3.36



83	21UCS156	SURIYA S	TCS Ninja	3.36
84	21UCS159	SWETHA B	TCS Ninja	3.36
85	21UCS162	THARNIDHAR S	TCS Ninja	3.36
86	21UCS163	TUSHAR SHANKAR	TCS Ninja	3.36
87	21UCS168	VARSHINI R	TCS Ninja	3.36
88	21UCS170	VIJAYAVAANI P	TCS Ninja	3.36
89	21UCS172	VISHAND S	TCS Ninja	3.36
90	21UCS174	VISWA V	TCS Ninja	3.36
91	21CSL004	PAMPANA RAKSHITHA	TCS Ninja	3.36
92	21CSL009	VIGNESH M	TCS Ninja	3.36
93	21UCS131	RUBAVARSHINI A	KAAR Technologies	6.50
94	21UCS083	LAVANYA N	KAAR Technologies	6.50
95	21UCS111	PAVITHRA S V	KAAR Technologies	6.50
96	21UCS161	TANNISHTHA P	KAAR Technologies	6.50
97	21UCS092	MITHUNRAJ G	PwC	4.50
98	21UCS056	HARIPRASAAD S	Tech Mahindra	4.00
99	21UCS106	NITISH B	Tech Mahindra	4.00
100	21UCS107	NIVASIKA A	Tech Mahindra	4.00
101	21UCS130	RITHANYA A G	Tech Mahindra	4.00
102	21UCS132	SAAHITYA K	Tech Mahindra	4.00
103	21UCS003	ABDUL MAFAZ M	Integra	1.70
104	21UCS009	AGILAN A	Integra	1.70
105	21UCS011	AJAY P	Integra	1.70
106	21UCS014	AKKSHAYA LAKSHMI A	Integra	2.15
107	21UCS016	ANEES ASHIQ KHAN	Integra	2.15
108	21UCS020	ARUL PRAGASAM P	Integra	1.70

109	21UCS024	ASWIN J	Integra	1.70
110	21UCS028	BENIL R	Integra	1.70
111	21UCS029	BHARATHRAJ J	Integra	1.70
112	21UCS036	DANUSH P	Integra	1.70
113	21UCS038	DEENA DAYALAN A	Integra	1.70
114	21UCS046	DHARUNPRAKASH A	Integra	1.70
115	21UCS052	GAJJARAPU NAVYA NIKITHA	Integra	1.70
116	21UCS070	JWITESH K	Integra	1.70
117	21UCS073	KAVI PRASATH R	Integra	1.70
118	21UCS076	KEERTHANA B	Integra	1.70
119	21UCS078	KIRUBAKARANI V	Integra	1.70
120	21UCS084	LAVIYASRI P	Integra	1.70
121	21UCS094	MOHANAPRIYA M	Integra	1.70
122	21UCS096	MOUHAMAD HADHIL M O	Integra	2.15
123	21UCS097	MUGILAN J	Integra	2.15
124	21UCS099	NANDHITHA V	Integra	1.70
125	21UCS101	NIRMAL S	Integra	2.15
126	21UCS102	NITHESHKUMAR B	Integra	1.70
127	21UCS103	NITHIYA S	Integra	1.70
128	21UCS105	NITHYA SRI A	Integra	2.15
129	21UCS108	NIVEDHA P	Integra	2.15
130	21UCS109	PARTHIBAN S	Integra	2.15
131	21UCS110	PAVANRAJ B	Integra	1.70
132	21UCS112	PETHU MATHAN K	Integra	2.15
133	21UCS113	POOJA J	Integra	1.70
134	21UCS119	PREETHI V	Integra	1.70



135	21UCS123	PUNITHAN M	Integra	1.70
136	21UCS128	RAMAMURTHY S	Integra	1.70
137	21UCS146	SATHISH KUMAR K	Integra	2.15
138	21UCS152	SIVAPRIYA A	Integra	1.70
139	21UCS164	VAISHALI V	Integra	2.68
140	21UCS175	VISWESH S	Integra	2.15
141	21UCS178	YUVARAJ R	Integra	1.70
142	21CSL002	GEEDA JYOTSNA SURYA SREE	Integra	2.15
143	21CSL005	PRAVEEN KUMAR.E	Integra	2.15
144	21CSL006	RAJARETHINAM.U	Integra	1.70
145	21CSL007	SAVUNDARYA G	Integra	1.70
146	21CSL010	YOGENDRAN.N	Integra	1.70
147	21UCS067	JERRY PAUL R	FoxConn	3.00
148	21UCS073	KAVI PRASATH R	FoxConn	3.00
149	21UCS102	NITHESHKUMAR B	FoxConn	3.00
150	21UCS146	SATHISH KUMAR K	FoxConn	3.00
151	21UCS178	YUVARAJ R	FoxConn	3.00
152	21UCS038	DEENA DAYALAN A	FoxConn	3.00
153	21UCS020	ARUL PRAGASAM P	FoxConn	3.00
154	21UCS028	BENIL R	FoxConn	3.00
155	21UCS023	ASWATHAMAN R	TCS Prime	9.00
156	21UCS133	SABAPATHY RAJAN RS	TCS Prime	9.00

## 7.2 Higher Studies

### 7.3

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	ABDUL SATTAR NAFEEES	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	PONDICHERRY UNIVERSITY	MBA

#### 7.4 Entrepreneur

##### 7.5

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	Seminar	Artificial Intelligence	16-07-2024	College	450
2	Workshop	Building Machine Learning Models	08-08-2024	College	450

## 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	FDP on Programming in C	Dept of CSE	14-11-2024 to 20-11-2024	College	50

## 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	DEEPAK T & JAYAPRASATH	Technovation 2K24	MEC	First Prize
2	ARJUN SIDHARTH S	RAPIDHESS TOURNAMENT	MVIT	Fifth Place With Rs.6500 Cash Prize
3	VARSHASATHI YASEELAN & DHESHNA.B	Technovation 2K24	MEC	Third Prize and was awarded a cash prize of ₹500
4	DEEPAK T & BARANIDHARAN	ACETCM 2024	AEC	First Prize
5	ARUTSELVY	Sciensea'24	KEC	Second Prize
6	RAMYA R SENGUTTUVAN	ICT Academy Youth Talk 2024	SMVEC	First Prize
7	SANDHIYA.M	Analytical Skill Test	SMVEC	Third Prize
8	SRI HARINI.K	Analytical Skill Test	SMVEC	Third Prize
9	SIVASANKAR.S	Analytical Skill Test	SMVEC	Second Prize
10	THULASIKA.K	Code Debugging	ACET	First Prize
11	JANANI.P	Code Debugging	ACET	Second Prize

12	MUKILAN.M	Infonix Debugging	VEC	Second Place With Rs.600 Cash Prize
13	SWATHIKA JENANI.J	26 <sup>th</sup> State Roller Skating Championship 2024	GOVERNMENT SKATING RINK	First Prize With 4 Gold Medals

**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.		

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

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

**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
	S.Deeba	NPTEL Mentor

**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	OBE & NEP 2020	VIT-AP University	5 Days
2	S.Deeba	Harnessing Artificial Intelligence for Healthcare, Excellence, Innovations, Insights, and Impacts	SRM Institute of Science and Technology	6 Days
3	S.Deeba	Exploring New Frontiers in Teaching Tools, AI and Data Analytics	MEASI Institute of Information Technology, Royapettah, Chennai	5 Days
4	S.Deeba	Internet of Things	NITTTR	5 Days
5	S.Deeba	Empowering Innovations through Comprehensive Approaches to Research & Development	A.G.Patil Institute of Technology,	6 Days
6	S.Deeba	Cutting-Edge Technologies in Computer Science	Easwari Engineering College	7 Days



7	S.Deeba	AI Solutions for Water Management in Smart Cities	Madanapalle Institute of Technology (ATAL)	6 Days
8	S.Deeba	AI Driven Network Security: Advanced Techniques for Intrusion Detection	Rajalakshmi Engineering College (ATAL)	6 Days
9	S.Deeba	Cutting-Edge Insights into Artificial Intelligence and Its Applications	Easwari Engineering College (ATAL)	6 Days
10	S.Deeba	Cloud Computing	NPTEL	Jul-Dec 2024
11	Mr.Arokiaraj Christian St Hubert	Applications of AI for a Better Tomorrow at Vellore Institute of Technology	VIT (ATAL)	6 Days
12	Mr.Arokiaraj Christian St Huber	Exploring Emerging Technologies in Next-Gen Communication Networks	R.L.JALAPP A INSTITUTE OF TECHNOLOGY (ATAL)	6 Days
13	Mr.D.Rajesh	Cutting-Edge Insights into Artificial Intelligence and Its Applications	EASWARI ENGINEERING COLLEGE( ATAL)	6 Days
14	Mr.D.Rajesh	Recent Trends in Computing 4.0	Vishwakarama Institute Technology	6 Days
15	Mrs.P.Bhavani	SOFT COMPUTING TECHNIQUES TO PREVENT SOFTWARE DEFECTS	KSR College Of Engineering , Nammakal, Tamil Nadu, India & Debre Tabor University Ethiopia	2 Days
16	S.SUBASREE	Cutting-Edge Insights into Artificial Intelligence and Its Applications	ATAL-AICTE-FDP EASWARI ENGINEERING COLLEGE	6 Days
17	S.SUBASREE	Advanced Techniques in AI and Machine Learning	ATAL-AICTE-FDP COLLEGE OF ENGINEERING	6 Days

			, CHERTHALA	
18	S.SUBASREE	Building Services in Smart City Through IoT-Edge-Fog-Cloud Federation	ATALAICTE-FDP National Institute of Technology Warangal	6 Days

#### 9.6 Best Practices followed by the Department.

S.No	Best Practice	Description
	<b>Mentor-Mentee System</b>  <b>Encouraging Participation in Co-curricular and Extracurricular Activities</b>  <b>Workshops and Seminars by Industry Experts</b>  <b>Skill Development Programs</b>  <b>Continuous Evaluation and Feedback</b>	<p><b>2. Mentor-Mentee System</b></p> <ul style="list-style-type: none"> <li>○ A dedicated mentor-mentee framework is implemented to provide personalized guidance to students.</li> <li>○ Special focus is given to <b>slow learners</b> by organizing additional coaching sessions and remedial classes to strengthen their foundational knowledge.</li> <li>○ <b>Advanced learners</b> are encouraged to engage in research activities, participate in hackathons, and undertake innovative projects to enhance their technical expertise.</li> </ul> <p><b>3. Encouraging Participation in Co-curricular and Extracurricular Activities</b></p> <ul style="list-style-type: none"> <li>○ 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.</li> <li>○ Support is provided in the form of training, mentoring, and financial assistance (where applicable) to participate in these events.</li> </ul> <p><b>4. Workshops and Seminars by Industry Experts</b></p> <ul style="list-style-type: none"> <li>○ Regular workshops, seminars, and guest lectures are organized in collaboration with industry experts to bridge the gap between academics and industry requirements.</li> <li>○ Focus is placed on emerging technologies such as Artificial Intelligence, Machine Learning, Blockchain, Internet of Things (IoT), and Cybersecurity.</li> </ul> <p><b>5. Skill Development Programs</b></p> <ul style="list-style-type: none"> <li>○ Dedicated skill enhancement programs are conducted, including soft skills training, coding marathons, and aptitude-building sessions to improve employability.</li> <li>○ Certification programs and hands-on training in trending tools and technologies (e.g., Python, UiPath, JMeter) are encouraged.</li> </ul> <p><b>6. Continuous Evaluation and Feedback</b></p> <ul style="list-style-type: none"> <li>○ A structured feedback mechanism ensures that both academic and non-academic areas are continuously improved.</li> </ul>



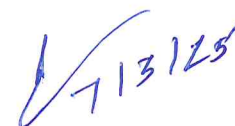
	<p><b>Encouraging Research and Publications</b></p> <p><b>Community Outreach and Social Responsibility</b></p> <p>○ .</p> <p><b>MOOCs and Online Certifications</b></p> <p><b>Career Guidance and Placement Training</b></p>	<p>○ Regular performance tracking through tests, projects, and presentations is conducted to monitor student progress and provide timely interventions.</p> <p><b>7. Encouraging Research and Publications</b></p> <p>○ Faculty and students are encouraged to collaborate on research projects and publish their findings in reputed journals and conferences.</p> <p>○ Students are guided to apply for patents and participate in funded research initiatives.</p> <p><b>8. Community Outreach and Social Responsibility</b></p> <p>○ The department actively organizes programs such as <b>technical literacy camps</b>, <b>environmental awareness drives</b>, and <b>volunteering opportunities</b> to instill a sense of social responsibility among students.</p> <p><b>MOOCs and Online Certifications:</b> Encourage students to complete free or paid courses from platforms like Coursera, Udemy, or edX, with credits or recognition awarded for completion.</p> <p><b>Career Guidance and Placement Training:</b> Include mock interviews, group discussions, and résumé-building workshops conducted by industry professionals</p>
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**9.7 List three distinguished alumni of the department from the recent passes-out batch.**

S.No	Name of the Alumni	Contact Details
1	SRIRAM N (2018-22)	CINIMOTOGRAPHER, Chennai
2	THAMARAISELVAN S (2013-17)	Project manager, KAAR Technologies, Saudi Arabia
3	NITHYANADHAM J (2014-18)	Senior Software Engineer, Texas Instruments - Bengaluru

**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.K.Premkumar M.E.,Ph.D**  
Professor & Head  
Department of Computer Science and Engineering  
Sri Manakula Vinayagar Engineering College  
(An Autonomous Institute)  
Puducherry, INDIA

**Recommendations:**

Criteria	Remarks
Curricular Aspects	Good
Teaching, Learning and Evaluation	Good
Structured Feedback	Good
Research, Innovation and Publications	Good
Collaborations and Linkages	Industrial projects are not there.
Student Progression	Good
Activity Conducted / Organized by the Department	Good
Achievements	Faculty achievements is less
General Remarks	Good

**Name and Signature**

**Dr. K.Naveen Kumar,**  
Associate Professor,  
Department of ICE,

Sri Manakula Vinayagar Engineering College.

**Name and Signature**

**Dr.S.B. Lenin,**  
Professor,  
Department of ECE,

Sri Manakula Vinayagar Engineering College.





**SRI MANAKULA VINAYAGAR**  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



INTERNAL QUALITY ASSURANCE CELL

## **ACADEMIC AND ADMINISTRATIVE AUDIT**

### **DEPARTMENT OF INFORMATION TECHNOLOGY**



## ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2024-2025)

Internal Audit

### SECTION -1: BASIC INFORMATION

Audit Date	07.03.2025			
Name of the Department	Information Technology			
Year of Establishment	1999			
Head of the Department	<b>Dr.R. Raju, Professor</b>			
Programs Offered	Name of the Program	Approved Intake		
	B.Tech (Information Technology)	240		
Programs Discontinued if any				
Number of full time Teachers	Designation	Available	Sanctioned	Filled
	Professor	3		
	Associate Professor	7		
	Assistant Professor	26		
Number of Technical Staff				
Number of Students	For UG -----:			For PG -----:
	Year	M	F	Total
	First Year	97	104	201
	Second Year	89	83	172
	Third Year	109	73	182
	Fourth Year	106	80	186
	Total	401	340	741
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	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	14.03.25

Summary of changes in Curriculum/syllabus

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus
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R2023	R2023
SEMESTER 2	
THEORY	THEORY
<b>U23ITPC01 Digital Design and System Architecture Laboratory</b>	<b>U23ITPC01 Digital Design and System Architecture Laboratory</b>
<p>List of Exercises</p> <ol style="list-style-type: none"> <li>1. HDL code to realize all the logic gates</li> <li>2. Design and Simulation of adder, Serial Binary Adder, Multi Precession Adder, Carry Look Ahead Adder.</li> <li>3. Design of 2-to-4 decoder</li> <li>4. Design of 8-to-3 encoder (without and with parity)</li> <li>5. Design of flip flops: SR, D, JK, T</li> <li>6. Design of a N- bit Register of Serial- in Serial –out, Serial in parallel out, Parallel in Serial out and Parallel in Parallel Out.</li> <li>7. Design of ALU to Perform – ADD, SUB, AND-OR, 1's and 2's Compliment,</li> <li>8. Design of ALU to Perform – Multiplication, and Division.</li> <li>9. Memory unit design and perform memory operations.</li> <li>10. 8-bit simple ALU design</li> <li>11. 8-bit simple CPU design</li> <li>12. Interfacing of CPU and Memory</li> </ol>	<p>List of Exercises</p> <ol style="list-style-type: none"> <li>1.Design and Verification of logic gates.</li> <li>2.Design and Verification of Half adder and Full adder</li> <li>3.Design and Verification of Half subtractor and Full subtractor</li> <li>4.Convert BCD to Excess 3 and Excess 3 to BCD</li> <li>5.Design of 2-to-4 decoder</li> <li>6.Design of 8-to-3 encoder</li> <li>7.Design of flip flops: SR, JK and T flipflop</li> <li>8.Design of a N- bit Register of Serial- in Serial –out and Serial in parallel out.</li> <li>9. Design of a N- bit Register of Parallel in Serial out and Parallel in Parallel Out.</li> <li>10. 8-bit simple ALU and CPU design</li> </ol>
SEMESTER III	
Theory	Theory
<b>U23ITT302 Automata Languages and Computation</b>	<b>U23ITT302 Automata Languages and Computation</b>
<p><b>Unit-I Automata And Regular Expressions</b> Need for automata theory - Introduction to formal proof – Finite Automata (FA) – Deterministic Finite Automata (DFA) – Non-deterministic Finite Automata (NFA) – Equivalence between NFA and DFA – conversion of NFA into DFA. Finite Automata with Epsilon transitions – Equivalence of NFAs with and without <math>\epsilon</math>-moves – conversion of NFA <math>\epsilon</math>-moves into NFA. Finite Automata with output – Mealy and Moore machines</p> <p><b>Unit-II Regular Expressions And Languages</b> Regular expression – Regular Languages - Equivalence of Finite Automata and regular expressions – Conversion of regular expression into NFA <math>\epsilon</math>-moves - Conversion of regular expression into DFA (Direct and indirect method). Minimization of DFAs. Proving languages to be not regular (Pumping Lemma) – Closure properties of regular languages.</p> <p><b>Unit-III Context Free Grammar And Push Down Automata</b></p>	<p><b>Unit-I Automata and Regular Expressions</b> Need for automata theory - Introduction to formal proof – Finite Automata (FA) – Deterministic Finite Automata (DFA) – Non- deterministic Finite Automata (NFA) – Equivalence between NFA and DFA – conversion of NFA into DFA. Finite Automata with Epsilon transitions – Equivalence of NFAs with and without <math>\epsilon</math>-moves – conversion of NFA <math>\epsilon</math>-moves into NFA. Finite Automata with output – Mealy and Moore machines</p> <p><b>Unit-II Regular Expressions and Languages</b> Regular expression – Regular Languages - Equivalence of Finite Automata and regular expressions – Conversion of regular expression into NFA <math>\epsilon</math>-moves - Conversion of regular expression into DFA (Direct and indirect method). Minimization of DFAs. Proving languages to be not regular (Pumping Lemma) – Closure properties of regular languages.</p> <p><b>Unit-III Context Free Grammar and Push Down Automata</b></p>





Types of Grammar - Chomsky's hierarchy of languages - Context-Free Grammar (CFG) and Languages - Derivations and Parse trees - Ambiguity in grammars and languages - Push Down Automata (PDA): Definition - Moves - Instantaneous descriptions - Languages of pushdown automata - Equivalence of pushdown automata and CFG - convert CFG to PDA - PDA to CFG - Deterministic Pushdown Automata.

#### **Unit-IV Normal Forms And Turing Machines**

Normal forms for CFG - Simplification of CFG- Chomsky Normal Form (CNF) and Greibach Normal Form (GNF) - Pumping lemma for CFL - Closure properties of Context Free Languages - Turing Machine : Basic model - definition and representation - Instantaneous Description - Turing Machine for accepting Regular languages - TM as Computer of Integer functions(Addition & subtraction) - Programming techniques for Turing machines: Storage on Finite control - subroutine

#### **Unit-V Undecidability**

Unsolvable Problems and Computable Functions - PCP- MPCP- Recursive and recursively enumerable languages - Properties - Universal Turing machine - Introduction to Tractable and Intractable problems - P and NP completeness - Kruskal's algorithm - Travelling Salesman Problem- 3-CNF SAT problems.

Types of Grammar - Chomsky's hierarchy of languages - Context-Free Grammar (CFG) and Languages - Derivations and Parse trees - Ambiguity in grammars and languages - Push Down Automata (PDA): Definition - Moves - Instantaneous descriptions - Languages of pushdown automata - Equivalence of pushdown automata and CFG - conversion of CFG to PDA - PDA to CFG.

#### **Unit-IV Normal Forms and Turing Machines**

Normal forms for CFG - Simplification of CFG- Chomsky Normal Form (CNF) and Greibach Normal Form (GNF). Turing Machine : Basic model - definition and representation - Instantaneous Description - Turing Machine for accepting Regular languages - TM as Computer of Integer functions(Addition & subtraction)

#### **Unit-V Undecidability**

Periods:9

Undecidable Problems -PCP-MPCP- Classes of problems: P, NP, NP complete and NP hard - NP Complete problems - 3-CNF SAT problem - Clique Problem - Node cover Problem.

### **Professional Elective – I (Offered in Semester IV)**

Object Oriented Analysis and Design

Web Application Development

Information Coding Techniques

Agile Methodologies

Mobile Adhoc Network

Object Oriented Analysis and Design

Web Application Development

Information Coding Techniques

Agile Methodologies

Data Warehousing and Data Mining

### **Professional Elective – II (Offered in Semester V)**

Parallel and Distributed Computing

Data Warehousing and Data Mining

Business Intelligence and Applications

Software Testing

Wireless and Mobile Communication

Theory of Compiler Design

Information Visualization

Parallel and Distributed Computing

Software Testing

Automation Techniques and Tools

### **Professional Elective – III (Offered in Semester VI)**

Distributed Databases

Bio-Inspired Computing

Software Defined Networks

Natural Language Processing

Edge and Fog Computing

Quantum Computing

Full Stack Development

Software Defined Networks

Natural Language Processing

Edge and Fog Computing

### **Professional Elective – IV (Offered in Semester VII)**

Full Stack Development

Cyber Security and Forensics

Robotic Process Automation

Digital Image Processing

Intrusion Detection System

Six Sigma

Cyber Security and Forensics

Robotic Process Automation

Digital Image Processing

Intrusion Detection System

### **Professional Elective – V (Offered in Semester VIII)**

Quantum Computing

Human Computer Interaction

GPU Computing

Automation Techniques and Tools

Augmented Reality and Virtual Reality

Cloud Services Management

Human Computer Interaction

Bio-Inspired Computing

Storage Technologies

Augmented Reality and Virtual Reality





Professional Elective – VI (Offered in Semester VIII)	
Green Computing	Green Computing
Social Network Analysis	Generative AI
Wireless Sensor Networks	Wireless Sensor Networks
Computer Vision	Game Development
E-Commerce	E-Commerce

### 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	U20ITE506	127
2.	III/V	Professional Elective – II : Automation Techniques and Tools - DevOps	U20ITCM08	55
3.	IV/VII	Professional Elective – IV : Machine Learning	U20ITE716	186

### 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 : Principle of Artificial Intelligence and Machine Learning	U20ADO503	182
2	IV/VII	AI&DS	Open Elective – IV : Artificial Intelligence Applications	U20ADO706	186

### 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	172
2.	III/V	Skill Development Course 4: Career and Professional Skill Development Program-I	U20ITS504	182
3.	III/V	Skill Development Course 5: Presentation Skills using ICT	U20ITS505	182

### 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	201
2.	II/III	Certification Course - III : Databases	U23ITC372	172
3.	III/V	Certification Course V : Advanced Java Programming	U20ITC503	182



## 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	201
2	II/III	Physical Education	U20ITM303	172
3	III/V	Indian Constitution	U20ITM505	182
4	IV/VII	Professional Ethics	U20ITM707	186

## SECTION -3: TEACHING, LEARNING AND EVALUATION

### 3.1 Course Delivery

#### Semester – I/I (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.	U23MATC01 Engineering Mathematics - I	Mrs. P. Lavanya	60	60	60
		Mrs. Kavitha			
		Mrs. Dheebia			
2.	U23ESTC03 Basics of Electrical and Electronics Engineering	Mr. A. Janagiraman	45	45	45
		Mrs. Amathulla			
		Ms. Abinayasaraswathi			
3.	U23CSTC01 Programming in C	Dr. S. Balaji	45	45	45
		Dr. N. Thilagavathi			
		Mr. S. Suresh			
4.	U23ITTC01 IT Essentials	Mr. P. Praveenkumar	45	45	45
		Dr. B. Vijayakumar			
		Mrs. K. Poornambigai			
5.	U23HSTC01 Universal Human Values- II	Mr. S. Yuvaraj	45	45	45
		Ms. Srividhya			
		Mr. Mahendrapuruman			
6.	U23ENBC01 Communicative English - I	Ms. Subavathi	45	45	45
		Mrs. G. Namitha			
7.	U23ESPC01 Basics of Electrical and Electronics Engineering Laboratory	Mr. A. Janagiraman	45	45	45
		Mrs. Amathulla			
		Ms. Abinayasarwathi			
8.	U23CSPC01 Programming in C Laboratory	Dr. S. Balaji	30	30	30
		Dr. N. Thilagavathi			
		Mr. S. Suresh			
9.	U23ESPC03 Engineering Graphics using AutoCAD	Mr. M. Gunasekar	30	30	30





**Semester – II/III (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.	U23MATC03 Probability and Statistics	Mr. M. Devanathan	60	60	64
2.	U23CSTC04 Database Management System	Mrs.N.Kalaiselvi	45	45	45
		Dr.B.Ananth			
		Mr.R.Vijaya Prabhu			
3.	U23CSTC05 Operating Systems	Mrs.C.Vanaja	45	45	45
		Dr. B. Vijaya Kumar			
		Mrs.V.Padmapriya			
4.	U23ITT302 Automata Languages and Computation	Dr. N. Thilagavathi	45	45	45
		Dr. R.Anandkumar			
		Ms.M.Madhumitha			
5.	U23ITT303 Software Engineering and Project Management	Mr.D.Prabhu	30	30	30
		Dr.R.Raju			
6.	U23ITB301 Microcontroller and its Interfacing	Mr.A.Chandrapragash	60	60	60
7.	U23ENPC01 General Proficiency-1	Dr.D.Devi	30	30	30
8.	U23MAPC01 Engineering Mathematics Laboratory	Mrs.D.Dheebia	30	30	30
		Mr.V.Vasanth			
9.	U23CSPC03 Database Management Laboratory	Mrs.N.Kalaiselvi	30	30	30
		Mrs.K.Poornambigai			
		Dr.R.Sarvanan			
10.	U23CSPC04 Operating Systems Laboratory	Dr. N. Thilagavathi	30	30	30
		Dr. B. Vijaya Kumar			
		Mrs.V.Padmapriya			



**Semester – III/V (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.	U20BST546 Probability and Statistics	Mrs.S.P.Lavanya	60	60	60
		Dr.A.Ashok			
2.	U20ITCM02 Mobile Computing	Dr. Puspita Dash	45	45	45
		Mr.T.Periyasamy			
		Mr.T.Maheshwaran			
3.	U20ITT511 Data Warehousing and Data Mining	Mrs.V.Padmapriya	45	45	45
		Mr.G.Prabu			
		Dr.R.Saravanan			
4.	U20ITCM01 Network Security	Ms.M.Madhumitha	45	45	45
		Ms. L. Durgadevi			
		Ms.Sowbarnika			
5.	U20ITCM08 Automation Techniques and Tools - Devops	Dr.K.Lakshmi	45	45	45
6.	U20ITE506 – Software Testing	Dr. S. Balaji	45	45	45
		Mr. T.Mugilan			
7.	U20ADO503 Principle of Artificial Intelligence and Machine Learning	Mrs.N.Jayapradha	45	45	45
		Mrs.Subashini			
8.	U20ITP506 Mobile Computing Laboratory	Dr. Puspita Dash	30	30	30
		Mr.T.Periyasamy			
		Mr.T.Maheshwaran			
9.	U20ITP507 Data Warehousing and Data Mining Laboratory	Dr.S.Balaji	30	30	30
		Mr.G.Prabhu			
		Mr.T.Mugilan			
10.	U20ITP508 Network Security Laboratory	Ms.M.Madhumitha	30	30	30
		Ms. L. Durgadevi			
		Ms.Sowbarnika			





**Semester – IV/VII (2021-2025)**

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.	Cloud Computing	Mrs. E. Valarmathi	45	45	45
		Ms. T. Pradeesshma			
		Mrs. C. Vanaja			
2.	IoT and Edge Computing	MS.D.Asha	45	45	45
		Mrs. M. Lakshmiprabha			
		Mr. K. Shanmugaraja			
3.	Professional Elective – IV: Machine Learning	Ms.A.Sarkunavathi	45	45	45
		Dr. R. Anandkumar			
		Mr. G. Prabu			
4.	Open Elective – IV: Artificial Intelligence Applications	Mrs. N. Jayapradha	45	45	45
		Ms. M. Subashini			
		Mrs. A. Illakia			
5.	Business Basics for Entrepreneur	Mr. R. Anbarasan	30	30	30
		Dr. R. Sureka			
		Dr. R. Sivakumar			
6.	Cloud Computing Laboratory	Mrs. E. Valarmathi	30	30	30
		Ms. T. Pradeesshma			
		Mrs. C. Vanaja			
7.	IoT and Edge Computing Laboratory	MS.D.Asha	30	30	30
		Mrs. M. Lakshmiprabha			
		Mr. K. Shanmugaraja			
8.	Comprehensive Viva Voce	Mr. D. Prabhu	30	30	30
		Dr. R. Anandkumar			
		Dr. R. Anandkumar			
9.	Project Phase I	Dr. K. Lakshmi/ Ms,A .Sarkunavathi	60	60	60
		Dr. R. Raju			
		Dr. Puspita Dash			



### 3.2 Use of ICT Tools in Teaching Learning

#### Semester – I/I(2024-2028)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mrs. P. Lavanya	U23MATC01 Engineering Mathematics - I	PPT/BLACK BOARD
	Mrs. Kavitha		
	Mrs. Dheebia		
2.	Mr. A. Janagiraman	U23ESTC03 Basics of Electrical and Electronics Engineering	PPT
	Mrs. Amathulla		
	Ms. Abinayasaraswathi		
3.	Dr. S. Balaji	U23CSTC01 Programming in C	PPT
	Dr. N. Thilagavathi		
	Mr. S. Suresh		
4.	Mr. P. Praveenkumar	U23ITTC01 IT Essentials	PPT
	Dr. B. Vijayakumar		
	Mrs. K. Poornambigai		
5.	Mr. S. Yuvaraj	U23HSTC01 Universal Human Values-II	PPT
	Ms .Srividhya		
	Mr. Mahendrapuruman		
6.	Ms. Subavathi	U23ENBC01 Communicative English - I	PPT
	Mrs. G. Namitha		
7.	Mr. A. Janagiraman	U23ESPC01 Basics of Electrical and Electronics Engineering Laboratory	MANUAL/WORKBOOK
	Ms. Abinayasarwathi		
8.	Dr. S. Balaji	U23CSPC01 Programming in C Laboratory	MANUAL/WORKBOOK
	Dr. N. Thilagavathi		
	Mr. S. Suresh		
9.	Mr. M. Gunasekar	U23ESPC03 Engineering Graphics using AutoCAD	MANUAL/WORKBOOK





**Semester – II/III (2023-2027)**

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Dr.A.Ashok	U20BST322 Numerical Methods	PPT / BLACK BOARD
	Dr.A.Ashok		
	Dr.A.Ashok		
2.	Dr.N.Thilagavathi	U20EST356 Data Structures	PPT
	Ms.N.Vijayalakshmi		
	Ms.Sindhuja		
3.	Mrs.V.Padmapriya	U20EST359 Programming in C++	PPT
	Mr.T.Periyasamy		
	Mr.T.Maheshwaran		
4.	Mrs.J.Narmatha	U20ITT305 Computer Networks	PPT
	Mr.K.Shanmugaraja		
	Mrs.M.Banupriya		
5.	Mr.S.Ravivarman	U20ITT306 Database Management Systems	PPT
	Mr.V.Vijayakaran		
	Dr.R.Saravanan		
6.	Dr.K.Lakshmi	U20ITT307 Software Engineering and Project Management	PPT
	Dr.R.Raju		
	Dr.R.Raju		
7.	Ms.Mahalakshmi	U20HSP301 General Proficiency – I	MANUAL/WORKBOOK
8.	Dr.A.Ashok	U20BSP323 Numerical Methods Laboratory	MANUAL/WORKBOOK
	Mr.M.Devanathan		
	Dr.A.Ashok		
9.	Dr.N.Thilagavathi	U20ESP357 Data Structures Laboratory	MANUAL/WORKBOOK
	Ms.N.Vijayalakshmi		
	Ms.Sindhuja		
10.	Mrs.V.Padmapriya	U20ESP360 Programming in C++ Laboratory	MANUAL/WORKBOOK
	Mr.T.Periyasamy		
	Mr.T.Maheshwaran		
11.	Mr.S.Ravivarman	U20ITP303 Database Management Systems Laboratory	MANUAL/WORKBOOK
	Mr.V.Vijayakaran		
	Dr.R.Saravanan		



**Semester – III/V (2022-2026)**

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mrs.S.P.Lavanya	U20BST546 Probability and Statistics	PPT/BLACK BOARD
	Dr.A.Ashok		
2.	Dr. Puspita Dash	U20ITCM02 Mobile Computing	PPT
	Mr.T.Periyasamy		
	Mr.T.Maheshwaran		
3.	Mrs.V.Padmapriya	U20ITT511 Data Warehousing and Data Mining	PPT
	Mr.G.Prabhu		
	Dr.R.Saravanan		
4.	Ms.M.Madhumitha	U20ITCM01 Network Security	PPT
	Ms. L. Durgadevi		
	Ms.Sowbarnika		
5.	Dr.K.Lakshmi	U20ITCM08 Automation Techniques and Tools - Devops	PPT
6.	Dr. S. Balaji	U20ITE506 – Software Testing	PPT
	Mr. T.Mugilan		
7.	Mrs.N.Jayapradha	U20ADO503 Principle of Artificial Intelligence and Machine Learning	PPT
	Mrs.Subashini		
8.	Dr. Puspita Dash	U20ITP506 Mobile Computing Laboratory	MANUAL/WORKBOOK
	Mr.T.Periyasamy		
	Mr.T.Maheshwaran		
9.	Dr.S.Balaji	U20ITP507 Data Warehousing and Data Mining Laboratory	MANUAL/WORKBOOK
	Mr.G.Prabhu		
	Mr.T.Mugilan		
10.	Ms.M.Madhumitha	U20ITP508 Network Security Laboratory	MANUAL/WORKBOOK
	Ms. L. Durgadevi		
	Ms.Sowbarnika		





**Semester – IV/VII (2021-2025)**

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mrs. E. Valarmathi	Cloud Computing	PPT
	Ms. T. Pradeesshma		
	Mrs. C. Vanaja		
2.	MS.D.Asha	IoT and Edge Computing	PPT
	Mrs. M. Lakshmiprabha		
	Mr. K . Shanmugaraja		
3.	Ms.A.Sarkunavathi	Professional Elective – IV: Machine Learning	PPT
	Dr. R. Anandkumar		
	Mr. G. Prabu		
4.	Mrs. N. Jayapradha	Open Elective – IV: Artificial Intelligence Applications	PPT
	Ms. M. Subashini		
	Mrs. A. Illakia		
5.	Mr. R. Anbarasan	Business Basics for Entrepreneur	MANUAL/WORKBOOK
	Dr. R. Sureka		
	Dr. R. Sivakumar		
6.	Mrs. E. Valarmathi	Cloud Computing Laboratory	MANUAL/WORKBOOK
	Ms. T. Pradeesshma		
	Mrs. C. Vanaja		
7.	MS.D.Asha	IoT and Edge Computing Laboratory	MANUAL/WORKBOOK
	Mrs. M. Lakshmiprabha		
	Mr. K . Shanmugaraja		
8.	Mr. D. Prabhu	Comprehensive Viva Voce	MANUAL/WORKBOOK
	Dr. R. Anandkumar		
	Dr. R. Anandkumar		
9.	Dr. K. Lakshmi/ Ms,A .Sarkunavathi	Project Phase I	MANUAL/WORKBOOK
	Dr. R. Raju		
	Dr. Puspita Dash		



### 3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Software Engineering Project Management and Deliverables	Mr. Arunkumar Kabilan, SDE, Amazon, Chennai.	31.08.2024	172
2	Excelling in the power of prompt Engineering in Gen AI	Mrs. P. SubhaPriya, Senior Data Analyst, NeubAltics Tech Pt Ltd, Chennai.	14.10.2024	172
3	Mongo DB database	Mr.R. Balaji, Software Support Engineer, Walmart Global Technology Services Chennai	16.10.2024	172
4	The Business models of Electronic Commerce, Mobile Commerce and Q-Commerce, Along with Their Applications	Mr.V.Ariharan, Founder and CEO, Neural Organics Pvt.Ltd., Puducherry	22.02.2025	175
5	Agile Methodologies	Mrs. Gayatri Shankar, Senior IT Lead, Honeywell, Czech Republic	08.03.2025	100

### 3.4 Activities for Slow and Advanced Learners Semester – I/II(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.	U23MATC01 Engineering Mathematics - I	Mrs. P. Lavanya	Yes	8	Yes
		Mrs. Kavitha	Yes	8	Yes
		Mrs. Dheebia	Yes	8	Yes
2.	U23ESTC03 Basics of Electrical and Electronics Engineering	Mr. A. Janagiraman	Yes	8	Yes
		Mrs. Amathulla	Yes	8	Yes
		Ms. Abinayasaraswathi	Yes	8	Yes
3.	U23CSTC01 Programming in C	Dr. S. Balaji	Yes	8	Yes
		Dr. N. Thilagavathi	Yes	8	Yes
		Mr. S. Suresh	Yes	8	Yes
4.	U23ITTC01 IT Essentials	Mr. P. Praveenkumar	Yes	8	Yes
		Dr. B. Vijayakumar	Yes	8	Yes
		Mrs. K. Poornambigai	Yes	8	Yes
5.	U23HSTC01 Universal Human Values-II	Mr. S. Yuvaraj	Yes	8	Yes
		Ms. Srividhya	Yes	8	Yes
		Mr. Mahendrapuruman	Yes	8	Yes
6.	U23ENBC01 Communicative English - 1	Ms. Subavathi	Yes	8	Yes
		Mrs. G. Namitha			





**Semester – II/III (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.	U23MATC03 Probability and Statistics	Mr. M. Devanathan	Yes	8	Yes
2.	U23CSTC04 Database Management System	Mrs.N.Kalaiselvi	Yes	8	Yes
		Dr. B.Ananth	Yes	8	Yes
		Mr.R.Vijaya Prabhu	Yes	8	Yes
3.	U23CSTC05 Operating Systems	Mrs.C.Vanaja	Yes	8	Yes
		Dr. B. Vijaya Kumar	Yes	8	Yes
		Mrs.V.Padmapriya	Yes	8	Yes
4.	U23ITT302 Automata Languages and Computation	Dr. N. Thilagavathi	Yes	8	Yes
		Dr. R.Anandkumar	Yes	8	Yes
		Ms.M.Madhumitha			
5.	U23ITT303 Software Engineering and Project Management	Mr.D.Prabhu	Yes	8	Yes
		Dr.R.Raju			
6.	U23ITB301 Microcontroller and its Interfacing	Mr.A.Chandrapragash	Yes	8	Yes

**Semester – III/V (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.	U20BST546 Probability and Statistics	Mrs.S.P.Lavanya	Yes	8	Yes
			Yes	8	Yes
		Dr.A.Ashok	Yes	8	Yes
2.	U20ITCM02 Mobile Computing	Dr. Puspita Dash	Yes	8	Yes
		Mr.T.Periyasamy	Yes	8	Yes
		Mr.T.Maheshwaran	Yes	8	Yes
3.	U20ITT511 Data Warehousing and Data Mining	Mrs.V.Padmapriya	Yes	8	Yes
		Mr.G.Prabhu	Yes	8	Yes
		Dr.R.Saravanan	Yes	8	Yes
4.	U20ITCM01 Network Security	Ms.M.Madhumitha	Yes	8	Yes
		Ms. L. Durgadevi	Yes	8	Yes
		Ms.Sowbarnika	Yes	8	Yes
5.	U20ITCM08 Automation Techniques and Tools - Devops	Dr.K.Lakshmi	Yes	8	Yes
			Yes	8	Yes
6.	U20ITE506 – Software Testing	Dr. S. Balaji	Yes	8	Yes
		Mr. T.Mugilan			
7.	U20ADO503 Principle of Artificial Intelligence and Machine Learning	Mrs.N.Jayapradha	Yes	8	Yes
		Mrs.Subashini	Yes	8	Yes



**Semester – IV/VII (2021-2025)**

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.	Cloud Computing	Mrs. E. Valarmathi	Yes	8	Yes
		Ms. T. Pradeesshma	Yes	8	Yes
		Mrs. C. Vanaja	Yes	8	Yes
2.	IoT and Edge Computing	MS.D.Asha	Yes	8	Yes
		Mrs. M. Lakshmiprabha	Yes	8	Yes
		Mr. K. Shanmugaraja	Yes	8	Yes
3.	Professional Elective – IV: Machine Learning	Ms.A.Sarkunavathi	Yes	8	Yes
		Dr. R. Anandkumar	Yes	8	Yes
		Mr. G. Prabu	Yes	8	Yes
4.	Open Elective – IV: Artificial Intelligence Applications	Mrs. N. Jayapradha	Yes	8	Yes
		Ms. M. Subashini	Yes	8	Yes
		Mrs. A. Illakia	Yes	8	Yes

**3.5 Counseling and Mentoring**

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

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
701	36	1:15

**3.6 Internal Evaluation Systems**

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	Yes	Continuous Assessment Test Record are maintained and verified
2	Seminar / Project Review Record	Yes	Project Review Record Reports are maintained and verified
3	End Semester Examination Record	Yes	Photo copies of the galley sheets are maintained and verified
4	Student Grade Report	Yes	Available and Verified





### 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	Yes	The correlation table and justification states has been verified and found satisfactory
3	Course Outcome Attainment Calculated	Yes	<p><b>Mention the target:</b></p> <p><b>21-25 batch, the set attainment level is</b></p> <p><b>Attainment Level 1:</b> 40% to below 50% of students secured C Grade and above.</p> <p><b>Attainment Level 2:</b> 50% to 60% of students secured C Grade and above.</p> <p><b>Attainment Level 3:</b> above 60 % of students secured C Grade and above.</p> <ul style="list-style-type: none"> <li>Among the 60% of students, the next levels of attainment fixed are 15% of students to secure S and A grade</li> </ul> <p><b>22-26 batch, the set attainment level is</b></p> <p><b>Attainment Level 1:</b> 40% to below 50% of students secured C Grade and above.</p> <p><b>Attainment Level 2:</b> 50% to 60% of students secured C Grade and above.</p> <p><b>Attainment Level 3:</b> above 60 % of students secured C Grade and above.</p> <ul style="list-style-type: none"> <li>Among the 60% of students, the next levels of attainment fixed are 18% of students to secure S and A grade</li> </ul> <p><b>23-27 batch, the set attainment level is</b></p> <p><b>Attainment Level 1:</b> 40% to below 50% of students secured C Grade and above.</p> <p><b>Attainment Level 2:</b> 50% to 60% of students secured C Grade and above.</p> <p><b>Attainment Level 3:</b> above 60 % of students secured C Grade and above.</p> <ul style="list-style-type: none"> <li>Among the 60% of students, the next levels of attainment fixed are 10% of students to secure S and A grade</li> </ul> <p><b>24-28 batch, the set attainment level is</b></p> <p><b>Attainment Level 1:</b> 40% to below 50% of students secured C Grade and above.</p> <p><b>Attainment Level 2:</b> 50% to 60% of students secured C Grade and above.</p> <p><b>Attainment Level 3:</b> above 60 % of students secured C Grade and above.</p> <ul style="list-style-type: none"> <li>Among the 60% of students, the next levels of attainment fixed are 15% of students to secure S and A grade</li> </ul>
4	PSO and PO attainment through CO	Yes	The relevant files are available and one course has been completely verified



### 3.8 Student Performance in End Semester Examination

#### Semester – I/I(2024-2028)

Sr. No	Particular	B.Tech	PG
1	Number of Students appeared	201	-
2	Number of All Clear Students	149	-
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	52	-
7	Passing Percentage	74%	-

#### Semester – II/III (2023-2027)

Sr. No	Particular	B.Tech	PG
1	Number of Students appeared	172	-
2	Number of All Clear Students	154	-
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	18	-
7	Passing Percentage	90%	-

#### Semester – III/V (2022-2026)

Sr. No	Particular	B.Tech	PG
1	Number of Students appeared	182	-
2	Number of All Clear Students	155	-
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	85%	-

#### Semester – IV/VII (2021-2025)

Sr. No	Particular	B.Tech	PG
1	Number of Students appeared	186	-
2	Number of All Clear Students	185	-
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	01	-
7	Passing Percentage	99%	-





### 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	741	QCM conducted regularly and action taken report has been attached and verified.
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report.	Yes	144	Remedial measures were taken based on feedback given by the parents.
3	Student Exit Survey conducted and Analyzed.	Yes	50	Remedial measures were taken base on feedback
4	Alumni Feedback conducted and Analyzed.	Yes	60	Remedial measures were taken based on feedback

### 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	R. Suresh	Backend development for Blockchain integrated health management system and Backend development for Learning Management	FABC	7,43,000	1 Year

#### 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 Impact Factors
1	2021-2022	7	6	10	2	1.4325
2	2022-2023	37	19	9	-	-
3	2023-2024	36	03	565	12	2.92
4	2024-2025	3	6	381	8	2.7

##### Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	NIL
Number of Publication in International Journals	09
Number of Publication in National Conferences	NIL
Number of Publication in International Conferences	15
Number of Books / Book Chapters	10
Number of Patent (Filed)	3
Number of Patents Granted	-
Number of Design Patent (Filed)	-
Number of Design Patent Granted	-



**National Journal**

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

**International Journal**

Sl. No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, Issue, pp, Year /ISSN	Indexing / UGC /Scopus /SCI	Journal quartile (Q1, Q2, Q3, Q4)	Impact Factor
1.	Augmented Reality Approaches for Discovering Human Anatomy Among Healthcare Professionals	Dr. Puspita Dash, J. Mohamed Musrath, S. Sai Sooriya Claudius Keveen	African Journal of Biological Sciences	Afr.J.Bio.Sc.6.12 (2024), 5050-5057, August- 2024. ISSN: 2663-2187,	SCOPUS	(Q4)	0.307
2.	A Real-Time System for Face Mask Detection and Ensuring Social Distancing Compliance Based on Deep Learning	Dr. Puspita Dash,	Indian Journal of Natural Sciences International	Vol.15 , Issue 87 December- 2024, ISSN: 0976 – 0997	Web of Science (WoS)	(Q2)	2.7
3.	A Novel Chaotic Binary Butterfly Optimization Algorithm Based Feature Selection Model For Classification Of Autism Spectrum Disorder	Dr. R Anandkumar	International Journal of Applied Mathematics and Computer Science	Vol. 34, Issue No. 4, 647–660, December- 2024 ISSN: 1641-876X (print) and 2083-8492 (online).	SCIE	(Q2)	1.6
4.	Unmasking Deception Harnessing Noise Cancellation for Digital Image Forgery Detection Using Feature-Map Convolutional Neural Networks	Dr. R Anandkumar	International Journal of Sensors Wireless Communications and Control	Volume 15, Issue 2, Pages 184-199, August, 2024 ISSN: 2210-3287, 2210-3279,	SCIE	(Q4)	1.11
5.	Enhanced diabetic retinopathy detection using U-shaped network and capsule network-driven deep learning	Vijaya Prabhu R	MethodsX	Volume 14, 103116, pp. 1 -18, November 2024 ISSN: 2215-0161,	UGC CARE, SCOPUS , ESCI	(Q2)	1.6
6.	Enhancing glaucoma diagnosis: Generative adversarial networks in synthesized imagery and classification with pretrained MobileNetV2	Vijaya Prabhu R	MethodsX	Volume 14, 103052 , pp. 1 -13, November 2024 ISSN: 2215-0161,	UGC CARE, SCOPUS , ESCI	(Q2)	1.6





7.	AgroGuard : Intelligent Boar Intrusion Detection and Crop Protection System	Mr.P.Praveen Kumar, Praveen.S, Guruprasath.V, Gokul.M	Mukt Shabd Journal	Volume XIII, Issue XII, 557-565, December-2024 ISSN NO: 2347-3150,	UGC CARE-I	(Q3)	4.6
8.	Multi-Modal Attention based Network for Enhanced Lung Tumor Segmentation using PET, CT and MRI Imaging	Mr.G. Prabu, Suryanarayanan G, Lakshmi Narayanan M, Tholkappian Selvam M	Mukt Shabd Journal	Volume XIII, Issue XII, 602-612, December-2024 ISSN NO: 2347-3150,	UGC CARE-I	(Q3)	4.6
9.	Securing Generative AI: A Survey on the Role of Secure Access Service Edge (SASE) in Mitigating Exploitability	Mrs.V.Padmapriya Kaviyaa V Kaviya B Rubini S	International Journal of Innovative Science and Research Technology	Volume 9, Issue 12, December – 2024 ISSN No: -2456-2165,	Other journal		1.4:

#### 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	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.	Speed Limit Constraint-based Green Vehicle Routing Problem (SL-GVRP) - A New Variant of VRP	Dr.R.Raju	International Conference on Machine Learning and Data Engineering	28th-29th November 2024	ISSN: 1877-0509	published in Procedia Computer Science, Journal by Elsevier
2.	A Modified Approach of Tarjan Algorithm to Optimize the Number of Controllers in The Control Plane	Dr.R.Raju	International Conference on computational intelligence, Fog computing, Cybernetics and systems (ICCIFCS-2024)	18.09.2024 to 19.9.2024		SIMATS Engineering college, Chennai



3.	Minting Achievements: NFTs as the New Digital Certificates	Dr. S.Balaji, Dr. R.Saravanan	International Conference on computational intelligence, Fog computing, Cybernetics and systems (ICCIFCS-2024)	18.09.2024 and 19.9.2024		SIMATS Engineering college, Chennai
4.	A Real-Time System for Face Mask Detection and Social Distancing Compliance Based on Deep Learning	Dr. Puspita Dash	National Conference on Next Gen Information Science, Communication and Technology (NGISCT'24)	4th October, 2024	ISBN : 978-81-971457-8-0	SRM Institute of Science and Technology, Ramapuram Chennai.
5.	Revolutionizing Attendance Systems and Human Anatomy Learning Through Augmented Reality (AR)", 3rd	Dr. Puspita Dash, J. Mohamed Musrath, S. Sai Sooriya, Claudius Keveen	International Conference on "Data Analytics, Smart Computing and Networks (IDASCN-2024)"	24th-26th October, 2024,		Department of Computer Applications/ Data Science, Mohan Babu University, Tirupati
6.	Immutability of Block chain for the Development of Secure Robust Digital Communication Network	Dr. Puspita Dash, Brindha Selvam, Hari Sowmiyaa Arulmozhi Thamilarasam, Ranetha Velavan	4th International Conference on "Innovations and Recent Trends in Computer Science" (ICIRTCS-23)	08th -10th November, 2024		, St. Martins Engineering College Hyderabad
7.	AI Enhanced Anomaly Detection of System logs in Cyber Security	Dr. Puspita Dash, Balaji S, Ragul S, Sriram S	6th IEEE International Conference on System, Computation, Automation and Networking (ICSCAN-2024)	26-12-2024 & 27-12-2024	ISBN:979-8-3315-1002-2 ISBN:979-8-3315-1003-9	IEEE EXPLORE
8.	Rheumatic Carditis Screening Unveiled On Yolo Algorithm Insights	Dr. Puspita Dash, Nisha M, Abisha G, Kirthiga R	6th IEEE International Conference on System, Computation, Automation and	26-12-2024 & 27-12-2024	ISBN:979-8-3315-1002-2	IEEE EXPLORE





			Networking (ICSCAN-2024)		ISBN:9 79-8- 3315- 1003-9	
9.	Enhanced Human Detection in Disaster Zones Using UAVs and Deep Learning	N. Kalaiselvi	DELCON-2024 IEEE conference	21-23 November,2024	ISBN:9 79-8- 3315- 1859-2 ISBN:9 79-8- 3315- 1860-8	<b>Bharati Vidyapeeth New Delhi</b>
10	Precision Care Navigator :Predictive analytics for patent centered healthcare	N. Kalaiselvi, Dr. N.Thilagavathi , Mrs. Vanaja C	DELCON-2024 IEEE conference	21-23 November,2024	ISBN:9 79-8- 3315- 1859-2 ISBN:9 79-8- 3315- 1860-8	<b>Bharati Vidyapeeth New Delhi</b>
11	Enhancing eye health diagnoses through deep learning transfer learning: unveiling insight from low quality fundus mages	P. Praveen Kumar	6 <sup>th</sup> IEEE International Conference on System, Computation, Automation and Networking (ICSCAN-2024)	26-12-2024 & 27-12-2024	ISBN:9 79-8- 3315- 1002-2 ISBN:9 79-8- 3315- 1003-9	<b>IEEE EXPLOR</b>
12	Tomato Leaves Disease Detection using Gray Level Co-occurrence Matrix (GLCM) and Image	Mr.G. Prabu	6 <sup>th</sup> IEEE International Conference on System, Computation, Automation and Networking	26-12-2024 & 27-12-2024	ISBN:9 79-8- 3315- 1002-2 ISBN:9 79-8-	<b>IEEE EXPLOR</b>
13	Blockchain and Machine Learning for Security Attack Detection in Industrial IoT	Mr. T. Maheshwaran,	2024 International Conference on Communication, Computing and Energy Efficient Technologies	20-21 September 2024	ISBN:9 79-8- 3315- 4158-3 ISBN:9	<b>IEEE Xplore 13 May 2025</b>
14	Deep Learning-Based Ensemble Mounting for Comprehensible Cancer	.R.Vijaya Prabhu	2024 International Conference on Communication, Computing and Energy Efficient	20-21 September 2024	ISBN:9 79-8- 3315- 4158-3	<b>IEEE Xplore 13 May 2025</b>
15	K-Nearest Neighbors in Machine Learning:	.R.Vijaya Prabhu	2024 International Conference on Smart	06-08 November 2024	ISBN:9 79-8-	<b>IEEE Xplore: 1 June 202:</b>



	Theory, Practice, and Advances		Technologies for Sustainable Development Goals (ICSTSDG)		3315-1628-4	
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### Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1.	<b>Book Chapter:</b> Deep Learning Approaches for Medical Image Analysis	Dr. S. Balaji, Dr. R. Saravanan	p-ISBN: 978-81-970563-0-7 e-ISBN: 978-81-970563-7-6	<b>Published by:</b> Quing Publications <b>Title of the Book:</b> Advanced Techniques in Medical Imaging September 2024
2.	Exploring the Intersection of Sustainable Energy, AI, and Ethical Considerations	R. Vijaya Prabhu	ISBN13: 9798369365670 ISBN13 Softcover: 9798369365687 EISBN13: 0708360365604	<b>Published by:</b> IGI Global <b>Title of the Book</b> AI Applications for Clean Energy and Sustainability
3.	Securing E-Commerce Strategies With Cloud, Blockchain, AI, and ML	T. Maheshwaran	ISBN13: 9798369365571 ISBN13 Softcover: 9798369365588 EISBN13: 9798369365595	<b>Published by:</b> IGI Global <b>Title of the Book</b> Strategies for E-Commerce Data Security: Cloud, Blockchain, AI, and Machine Learning August, 2024
4.	<b>Book Chapter:</b> Human Anatomy for GEN-Z Platform Using Augmented Reality (AR) and Virtual Reality(VR)	Dr.Puspita Dash	ISBN:978-81-979110-1-9	<b>Published by:</b> Internal Quality Assurance Cell (IQAC)- Annamalai University, Annamalai Nagar. <b>Title of the Book:</b> Navigating The AI Landscape: Challenges and Opportunities for India September 2024
5.	<b>Book Chapter:</b> Forecast Band Interest Rates Using Aws Ai Technologies	Dr.Puspita Dash , Lakshmiprabha. M, Padmapriya.V, Valarmathi.E , Durgadevi L.	ISBN:978-93-6N385-556-4	<b>Published by:</b> University Book House <b>Title of the Book:</b> The Interdisciplinary Nexus: Law,





				Humanities, and Management <b>December 2024</b>
6.	Enhancing Security In Vehicular Ad-Hoc Networking With Blockchain Technology	Kalaiselvi. N, Dr. N. Thilagavathi, Vanaja C	ISBN:978-93-6385- 556-4	<b>Published by:</b> University Book House <b>Title of the Book:</b> The Interdisciplinary Nexus: Law, Humanities, and Management <b>December 2024</b>
7.	Identification and Categorization Of Traffic Management In Sdn Using Deep Learning Algorithm	Dr. R. Raju , Dr. R. Saravanan , Dr. S. Balaji	ISBN: 978-93-6385- 556-4	<b>Published By:</b> University Book House <b>Title Of The Book</b> The Interdisciplinary Nexus: Law, Humanities, And Management <b>December 2024</b>
8.	AI-Driven Transformation in Modern Education	A. Sowbarnika, N. Kalaiselvi,	ISBN: 978-81-19567- 09-6	<b>Title of the Book:</b> Education 4.0: Leveraging Technology for Future-Ready Learning <b>December 2024</b>
9.	Data Privacy in Education: Innovations and Challenges in the Age of AI	N. Kalaiselvi,	ISBN: 978-81-19567- 09-6	<b>Title of the Book:</b> Education 4.0: Leveraging Technology for Future-Ready Learning <b>December 2024</b>
10.	Enhancing Cybersecurity in Educational Institutions: Challenges and Strategies	M.Madhumitha	ISBN: 978-81-19567- 09-6	<b>Title of the Book:</b> Education 4.0: Leveraging Technology for Future-Ready Learning <b>December 2024</b>

#### Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1.	Dr. Puspita Dash	Dr. Puspita Dash	An Innovative System For Enhancing	202441068335 & 10/09/2024	20/09/2024	India



			The Performance Of Smart Surveillance Camera Using Improved CNN Techniques			
2.	Dr. R.Raju	Dr.R.Raju Dr.R.Saravanan Dr.S.Balaji Mrs.N. Kalaiselvi Dr. Puspita Dash Dr.R.AnandkumarMr. Periyasamy T.Maheswaran Prabhu D Durgadevi L.	Nocturnal Solar Energy Using IR Transmitter in IoT	202441091525 & 25/11/2024	29/11/2024	India
3.	Dr. R.Raju	iDr.R.Raju Dr.R.Saravanan Dr.S.Balaji Dr. Puspita Dash P. Praveenkumar, Dr.R.Anandkumar Mrs.N. Kalaiselvi Padmapriya v Vanaja C Prabu G	Smart Energy Metering and information Decision Maker Based on IoT Technology	202441091526 & 25/11/2024	29/11/2024	India

**Design Patent (On Progress Design Patent Details Can Provide)**

S.No	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No
1.	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.	PRIYADHARSHAN R	UNISYS	9 months	12/9/2024	14/6/2025
2.	ANNIE ROSE A	UNISYS	9 months	12/9/2024	14/6/2025
3.	AVILA JAYA SEBASTINA V	UNISYS	9 months	12/9/2024	14/6/2025
4.	RAMACHANDRAN K	UNISYS	9 months	12/9/2024	14/6/2025
5.	PREMKUMAR B	CTS	6 Months	11/10/2024	12/4/2025
6.	NIVEDHA S	CTS	6 Months	11/10/2024	12/4/2025





7.	PADMASRI V	CTS	6 Months	11/10/2024	12/4/2025
8.	HEMAMBUJA S	PWC	6 Months	13/11/2024	14/5/2025
9.	MOSIKEERAN T	FABC	6 Months	17/05/2024	18/11/2024
10.	OVEYA I	FABC	6 Months	17/05/2024	18/11/2024
11.	JAMALUDEEN R	FABC	6 Months	17/05/2024	18/11/2024
12.	MOHAMED SHALIK S	FABC	6 Months	17/05/2024	18/11/2024
13.	KAMALAVALLI E	EmbeddUR	6 Months	11/06/2024	12/12/2024
14.	SATHESH M A	Hexaware	6 Months	05/10/2024	06/4/2025
15.	DEVASHRI G	Hexaware	6 Months	05/10/2024	06/4/2025
16.	SURENDAR P	Hexaware	6 Months	05/10/2024	06/4/2025
17.	ABISHA G	Hexaware	6 Months	05/10/2024	06/4/2025
18.	DIVINSTAR S	Hexaware	6 Months	05/10/2024	06/4/2025
19.	HARINI B	Hexaware	6 Months	05/10/2024	06/4/2025
20.	AKSHAYA B	Hexaware	6 Months	05/10/2024	06/4/2025
21.	ANUSHA S	Hexaware	6 Months	05/10/2024	06/4/2025
22.	JAMALUDEEN R	Hexaware	6 Months	05/10/2024	06/4/2025
23.	KAVIYA K	Hexaware	6 Months	05/10/2024	06/4/2025
24.	KEERTHANA S	Hexaware	6 Months	05/10/2024	06/4/2025
25.	KAVIYAA V	Hexaware	6 Months	05/10/2024	06/4/2025
26.	LAKSHANA V	Hexaware	6 Months	05/10/2024	06/4/2025
27.	MONISH COUMAR S	Hexaware	6 Months	05/10/2024	06/4/2025
28.	CHINTALAPUDI RISHI SRI SIVA SAI KRISHNA	Hexaware	6 Months	05/10/2024	06/4/2025
29.	PRISCILLA G	Hexaware	6 Months	05/10/2024	06/4/2025
30.	SATHYA D	Hexaware	6 Months	05/10/2024	06/4/2025
31.	SHREE LEKHA M	Hexaware	6 Months	05/10/2024	06/4/2025
32.	ROSHBA B	Hexaware	6 Months	05/10/2024	06/4/2025
33.	SHIAMAMADANKI RAMALINGAME	Hexaware	6 Months	05/10/2024	06/4/2025
34.	SURYANARAYANAN G	Hexaware	6 Months	05/10/2024	06/4/2025
35.	UDHAYA RAJESHWAR R	AMI	6 Months	10/05/2024	11/11/2024

## 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	NIL			

## 6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	Indian Institute of Science, Bengaluru	28.02.2025	II/III	90
2	Google	01.03.2025	II/III	90

## 6.4 Functional Memorandum of Understanding (MoU)



S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	TECH OX DAY PRIVATE LTD	16.06.2024	Community Engagement, Hackathons, Collaborative projects and Student Internship	2 Years

## SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	151
Number of Students opted Higher Studies	05
Number of Entrepreneur	01

### 7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1.	JAYAGANESH S	INTEGRA	1.4 LPA
2.	KIRTHIGA R	INTEGRA	1.4 LPA
3.	NOORUL AMEEN J	INTEGRA	1.4 LPA
4.	VIGNESHWARAN V	TCS - Ninja	3.36
5.	AASIYA BANU A J	INTEGRA	1.4 LPA
6.	ABISHA G	Hexaware - Get	4 LPA
7.	AISWARYA SIVAPRASAD	INTEGRA	1.4 LPA
8.	AKSHAYA B	Hexaware - Get	4 LPA
9.	AKSHAYA S	INTEGRA	1.4 LPA
10.	ANANTH K	TCS - Ninja	3.36
11.	ANNIE ROSE A	Unisys	8.9 LPA
12.	ANUSHA S	Hexaware - Get	4 LPA
13.	ARAVINDAN R	Techy Geeks	1.8 LPA
14.	ARAVINDAN R	INTEGRA	1.4 LPA
15.	ARAVINDHAN R	TCS - PRIME	9.1 LPA
16.	ARUN N	INTEGRA	1.4 LPA
17.	ARUNACHALAM	Techy Geeks	1.8 LPA
18.	ASWINI C	TCS - Ninja	3.36
19.	AVILA JAYA SEBASTINA V	Unisys	8.9 LPA
20.	BARANIRAJ	Techy Geeks	1.8 LPA
21.	BARANIRAJ G	INTEGRA	1.4 LPA
22.	CHINTALAPUDI RISHI SRI SIVA SAI KRISHNA	Hexaware - Get	4 LPA
23.	DARSHINI S	Techy Geeks	1.8 LPA
24.	DARSHINI S	INTEGRA	1.4 LPA
25.	DEEPA S V	Techy Geeks	1.8 LPA
26.	DEEPA S. V	INTEGRA	1.4 LPA
27.	DEVASHRI G	TCS - Digital	7 LPA
28.	DEVASHRI G	Hexaware - PGET	6.5 LPA
29.	DHARAA M	INTEGRA	1.4 LPA
30.	DHARSHNI V	INTEGRA	1.4 LPA
31.	DHIVYA V	INTEGRA	1.4 LPA
32.	DIVINSTAR S	Hexaware - Get	4 LPA
33.	DURGESHWAR M	TCS - Ninja	3.36
34.	GIREE ROOPA J	INTEGRA	1.4 LPA
35.	GOBIKA R	INTEGRA	1.4 LPA
36.	GOKULNATH S	INTEGRA	1.4 LPA





37.	GOKULRAJ R	Techy Geeks	1.8 LPA
38.	GUNAAL T	Techy Geeks	1.8 LPA
39.	GUNAAL T	INTEGRA	1.4 LPA
40.	HARINI B	Hexaware - Get	4 LPA
41.	HARINI B	TCS - Ninja	3.36
42.	HEMAMBUJA S	PwC	6 LPA
43.	HEMAPRABHA K	TCS - Ninja	3.36
44.	HEMAVARSSANI M	INTEGRA	1.4 LPA
45.	INDHUJA M	INTEGRA	1.4 LPA
46.	ISABEL L	TCS - Ninja	3.36
47.	JAIKRISHNAN M	TCS - Ninja	3.36
48.	JAMALUDEEN R	TCS - Digital	7 LPA
49.	JAMALUDEEN R	Hexaware - GET	4 LPA
50.	JAMALUDEEN R	FABC	4 LPA
51.	JAYASHRI P	TCS - Ninja	3.36
52.	JOSHVA JAGAN A	TCS - Digital	7 LPA
53.	KAMALAVALLI E	EmbedUr	8 LPA
54.	KANISHKA S	TCS - Ninja	3.36
55.	KASTHURI RANGAN R	TCS - Ninja	3.36
56.	KAVIPRIYA G	INTEGRA	1.4 LPA
57.	KAVIYA B	INTEGRA	1.4 LPA
58.	KAVIYA K	Hexaware - Get	4 LPA
59.	KAVIYAA V	Hexaware - Get	4 LPA
60.	KEERTHANA B	INTEGRA	1.4 LPA
61.	KEERTHANA R	INTEGRA	1.4 LPA
62.	KEERTHANA S	Hexaware - Get	4 LPA
63.	KEERTHANA S	TCS - Ninja	3.36
64.	KIRANSARVESH	Techy Geeks	1.8 LPA
65.	KIRUTHIGA V	INTEGRA	1.4 LPA
66.	KIRUTHIKA M	INTEGRA	1.4 LPA
67.	KUMARAN R	INTEGRA	1.4 LPA
68.	LAKSHANA V	Hexaware - Get	4 LPA
69.	LOGADHARSHINI R	INTEGRA	1.4 LPA
70.	LOGESHWARAN K	INTEGRA	1.4 LPA
71.	LOGITHA V	TCS - Ninja	3.36
72.	MADHAN KUMAR V S	INTEGRA	1.4 LPA
73.	MADHANGI C	INTEGRA	1.4 LPA
74.	MADHANRAJ G	Infinity	2.5 LPA
75.	MADHANRAJ G	INTEGRA	1.4 LPA
76.	MADHAVAN S	INTEGRA	1.4 LPA
77.	MAHALAKSHMI S	TCS - Digital	7 LPA
78.	MAHALAKSHMI S	CTS - GENC	4 LPA
79.	MOHAMMAD NOORUL AMEEN	Techy Geeks	1.8 LPA
80.	MOHAMED NOORUL AMEEN A	INTEGRA	1.4 LPA
81.	MOHAMED SHALIK S	FABC	4 LPA
82.	MOHAMMED HANIZ M	TCS - Ninja	3.36
83.	MOHAMMED HANIZ M	Techy Geeks	1.8 LPA
84.	MOHANARAJ S	INTEGRA	1.4 LPA
85.	MONISH COUMAR S	Hexaware - Get	4 LPA
86.	MOSIKEERAN T	TCS - Ninja	3.36
87.	MOSIKEERAN T	FABC	4 LPA
88.	MUAATH K	Techy Geeks	1.8 LPA
89.	NANDHINI M	INTEGRA	1.4 LPA
90.	NANTHINI S	TCS - Ninja	3.36
91.	NEELA D	INTEGRA	1.4 LPA
92.	NISHA M	INTEGRA	1.4 LPA





93.	NITHYSHKUMAR G	Unisys	8.9 LPA
94.	NITHYSHKUMAR G	TCS - Ninja	3.36
95.	NIVEDHA S	CTS - GENC	4 LPA
96.	NIVETHITHA S	Unisys	8.9 LPA
97.	OVEYA I	TCS - Ninja	3.36
98.	OVEYA I	FABC	4 LPA
99.	PADMASRI V	CTS - GENC	4 LPA
100.	PRABANJANI M	INTEGRA	1.4 LPA
101.	PRADEEP C	TCS - Ninja	3.36
102.	PRASANA S	INTEGRA	1.4 LPA
103.	PRAVEEN S	TCS - Ninja	3.36
104.	PRAVEENA V	INTEGRA	1.4 LPA
105.	PRAVINKUMAR R	Techy Geeks	1.8 LPA
106.	PREMKUMAR B	CTS - GENC	4 LPA
107.	PREMKUMAR B	Techy Geeks	1.8 LPA
108.	PRETHIKA S	INTEGRA	1.4 LPA
109.	PRISCILLA G	Hexaware - Get	4 LPA
110.	PRIYADHARSHAN R	Unisys	8.9 LPA
111.	PRIYANKA S	TCS - Ninja	3.36
112.	RAGHUL R	Softtech Junior	1.4 LPA
113.	RAGHUL R	INTEGRA	1.4 LPA
114.	RAGUL K	TCS - Ninja	3.36
115.	RAGULKRSIHNA C	INTEGRA	1.4 LPA
116.	RAMACHANDRAN K	Unisys	8.9 LPA
117.	RENUKA K	INTEGRA	1.4 LPA
118.	RESHMA A	Unisys	8.9 LPA
119.	RESHMA BEGUM S	Unisys	8.9 LPA
120.	RITHIGA V	INTEGRA	1.4 LPA
121.	RITHIGAA SREE	INTEGRA	1.4 LPA
122.	ROGAN R	INTEGRA	1.4 LPA
123.	ROGIND C	Techy Geeks	1.8 LPA
124.	ROSHBA B	Kaar	6 LPA
125.	ROSHBA B	Hexaware - GET	4 LPA
126.	RUBIKA V M	INTEGRA	1.4 LPA
127.	RUBINI S	INTEGRA	1.4 LPA
128.	SABARINATHAN S	TCS - Ninja	3.36
129.	SADHANA D	TCS - Ninja	3.36
130.	SAI RAM KRISHNA R B	TCS - Ninja	3.36
131.	SAKTHISWARRNA T	INTEGRA	1.4 LPA
132.	SANGEETHA M	INTEGRA	1.4 LPA
133.	SANJAI E	TCS - Ninja	3.36
134.	SARANRAJ A	INTEGRA	1.4 LPA
135.	SARVIKA R	INTEGRA	1.4 LPA
136.	SASIDHARAN N	INTEGRA	1.4 LPA
137.	SATHESH M A	Hexaware - Pget	6.5 LPA
138.	SATHISH M	INTEGRA	1.4 LPA
139.	SATHYA D	Hexaware - Get	4 LPA
140.	AMARNATH R	TCS - Ninja	3.36
141.	SEENUVASAN S	TCS - Ninja	3.36
142.	SHIAMAMADANKI RAMALINGAME	Unisys	8.9 LPA
143.	SHIAMAMADANKI RAMALINGAME	Hexaware	4 LPA
144.	SHIVA PRASSANTH R	INTEGRA	1.4 LPA
145.	SHREE LEKHA M	Hexaware - Get	4 LPA
146.	SIBIMADHAVAN J	INTEGRA	1.4 LPA
147.	SIVASAKTHI S	Techy Geeks	1.8 LPA
148.	SIVASAKTHI S	INTEGRA	1.4 LPA





149.	SOWMYA R	INTEGRA	1.4 LPA
150.	SRIKANTH	Techy Geeks	1.8 LPA
151.	SRIKANTH K	INTEGRA	1.4 LPA
152.	SRIMANO	Techy Geeks	1.8 LPA
153.	SRIRAM@MURALIDHARAN	TCS - Ninja	3.36
154.	SUNDARAVELA A	INTEGRA	1.4 LPA
155.	SURENDAR P	Hexaware - Pget	6.5 LPA
156.	SURYANARAYANAN G	Hexaware - Get	4 LPA
157.	SUVISHA JAN ISWARYA VL	TCS - Ninja	3.36
158.	THARA CHEZIAN B	INTEGRA	1.4 LPA
159.	THOLKAPPIAN SELVAM M	INTEGRA	1.4 LPA
160.	THOUFEEK AHMED S	INTEGRA	1.4 LPA
161.	UDHAYA RAJESHWAR R	AMI	6 LPA
162.	UDHAYA RAJESHWAR R	TCS - Ninja	3.36
163.	VASANTH R	INTEGRA	1.4 LPA
164.	VIJAYAPRABHA A	Infinity	2.5 LPA
165.	VIJAYAPRABHA A	INTEGRA	1.4 LPA
166.	VIKASH S	TCS - Ninja	3.36
167.	VISHNUBALAN S	INTEGRA	1.4 LPA
168.	VIVEKA N	INTEGRA	1.4 LPA
169.	YASHWANTH T	INTEGRA	1.4 LPA

## 7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	AFRAA N	B. S. Abdur Rahman Crescent Institute of Science and Technology	M.Tech Information Technology
2	ATHISH S	prifysgol wreccsam wrexham university	MS
3	DEVISRI D	NIT,Puducherry	M.Tech CSE
4	DEEPA S B	Annamalai University	
5	HEMAREHKA S	Puducherry Technological University	M.Tech Data Science
6	LOGESWARL S	Sastra University	M.Tech AI & DS
7	MADUMITHA	The University of Western Australia	
8	MIRUTHULAA G	VIT	M.Tech-CSE(AI&ML)
9	SAKTHIPRAKSH	University of Portsmouth	
10	SASIDHARAN R	RMIT University	

## 7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	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	Introduction to MongoDB	Department	31/08/2024	National	120



2	2D/3D Modelling of Building Environment	Department	10/06/2024	National	16
3	UIPath Automation Explorer For Students	Department	10/08/2024	National	11
4	Introduction to OpenRoad Desinger Concepts	Department	29/09/2024	National	13
5	Academy process mining Fundamentals	Department	07/10/2024	National	06
6	Proffessionalism	Department	10/10/2024	National	09

## 8.2 FDP /Workshop / STTP / Conference for Faculty

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	Generative AI in Quantum Computing	Department	18.11.24 to 22.11.24	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 / Prize
1	Sharmilaa S	ICT - Academy Youth Talk	ICT Academy	Completed
2	Rasika M	ICT - Academy Youth Talk	ICT Academy	Completed
3	Rakshita K	IDE BootCamp	AICTE & MIC	Completed
4	Shanmathy M	Machine Learning Workshop	IIT Madras	Completed
5	Smitha Keren	TVS Credit Epic 6.0	TVS Credit	Completed
6	Prasanna Kamaraj	TVS Credit Epic 6.0	TVS Credit	Completed
7	Pydikondala Venkata Sai Vijay Prasanth	TVS Credit Epic 6.0	TVS Credit	Completed
8	Pydikondala Venkata Sai Vijay Prasanth	Naukri Campus Young turks	Naukri	Completed
9	Sowmmya G	Chatgpt & AI Tools Workshop	be10X	Completed
10	Yogapriya P	EPIC 6.0 - IT Track	TVS Credit	Completed
11	Sharan S	EPIC 6.0 - IT Track	TVS Credit	Completed
12	Anubhambika M G	Inter-Department Web Designing Contest 2024	SMVEC	Completed
13	Keerthana K	Webinar on Professional Career Counselling	Elewayte	Completed
14	Saathvic S	Hack \$Day	0X.Day/Pivot/SMVEC	Completed





15	Selvarathinam G	Machine learning workshop	IIT MADRAS	Completed
16	Saranya	Webinar on Profession carieer conselling	Elewayte	Completed
17	Saranya	Foundation of Gen AI & XR	Flaunch	Completed
18	Sangeetha S	Foundation of Gen AI & XR	Flaunch	Completed
19	Yamini Venkataraman	Foundation of Gen AI & XR	Flaunch	Completed
20	Pritika V	Hack \$Day	0X.Day/Pivot/SMVEC	Completed
21	Keerthana K	Dot Net Workshop	IIT MADRAS	Completed
22	Mithra Ilavarasan	epic 6	TVS CREDIT	Completed
23	Dhatchayini R	epic 6	TVS CREDIT	Completed
24	Nandini V	Foundation of Gen AI & XR	Flaunch	Completed
25	Aishwarya R	Youthtalk 2024	ICT Academy	Completed
26	Mohammed Imran	Techno Vit'24	VIT,Chennai	Completed
27	sachin G.P	Colossus Hackathon	Dr.Ambedkar institute of technology	Completed
28	Prasanth S	Inter-departement web designing contest 2024	SMVEC	Completed
29	Roshini S	Inter-departement web designing contest 2024	SMVEC	Completed
30	Swetha Sakthivel	Flipkart GRID 6.0	Flipkart	Completed
31	Madhumithra B	Mechatronz Fest 2k24	SMVEC	Completed
32	Roshini V	AWS Academy cloud Foundations	AWS Academy	Completed
33	Roshini V	Deep Learning Onramp	MATLAB	Completed
34	Roshini V	Image Processing Onramp	MATLAB	Completed
35	Roshini V	Schema Design Patterns	ICT Academy	Completed
36	Roshini V	Identifying Database Workloads	ICT Academy	Completed
37	Roshini V	MongoDB and the document Model	ICT Academy	Completed
38	Shyam Sundar A	Introduction to MongoDB	MongoDB	Completed
39	Shyam Sundar A	UiPath Academy Automation Explorer Training	UiPath	Completed
40	Harshini V	Web Designing Contest	SMVEC	Completed
41	Keerthika K	Introduction to MongoDB	ICT Academy	Completed
42	Nandhini V	The Funadamentals of User Experience-Problem Solving	Infosys	Completed
43	Yogapriya P	Introduction to MongoDB	ICT Academy	Completed
44	Rukku Kanadas	Cloud For Engineering Learders :An Introduction To Cloud	Infosys	Completed
45	Saranya V	AWS Academy cloud Foundations	AWS Academy	Completed
46	Saranya V	UiPath Academy Automation Explorer Training	ICT Academy	Completed



47	Jayakandhan A	UIPath Automation Explorer For Students	ICT Academy	Completed
48	Theepika E	Machine Learning Onramp	Mathwork	Completed
49	Keerthi S	Academic Process Mining Fundamentals	Celonis	Completed
50	Sudeshnaa P	UIPath Automation Explorer For Students	ICT Academy	Completed
51	Gayathri S	AWS Academy cloud Foundations	AWS Academy	Completed
52	Gayathri S	Introduction to MongoDB	ICT Academy	Completed
53	Gayathri S	MongoDB Crud Operations	ICT Academy	Completed
54	Logesh S	UI path Automation Explorer	ICT Academy	Completed
55	Logesh S	Fundamentals of Generative AI	Microsoft	Completed
56	Ubandiran G	Introduction to end-end Analytics	Microsoft	Completed
57	Rajalakshmi C	SQL-Basics	SkillRack	Completed
58	Rakshita K	Introduction to MongoDB	ICT Academy	Completed
59	Rakshita K	CRUD Operations	ICT Academy	Completed
60	Kubendiran M	Introduction to CyberSecurity	Commonwealth Bank	Completed
61	Gayathri S	Building An Agile Mindset	Infosys	Completed
62	Sowmya G	Machine Learning Onramp	Mathwork	Completed
63	Smithakeren	UI Path	ICT Academy	Completed
64	Thurika R	Building An Agile Mindset	Infosys	Completed
65	Thurika R	Deep Learning Onramp	Mathwork	Completed
66	Hashvantha M	MongoDB and the document Model	ICT Academy	Completed
67	Shankar RS	Building An Agile Mindset	Infosys	Completed
68	Harshavardhini G	Blockchain Technology	Infosys	Completed
69	Selvavarshini M	MATLAB Onramp	Mathwork	Completed
70	Selvavarshini M	Fundamental of AZURE AI Service	Microsoft	Completed
71	Bhuvana P	Intoduction to Mongo db	ICT Academy	Completed





**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.R.Saravanan	Chief Examiner
3.	Dr.R.Saravanan	Question Paper Setter
4.	Dr.S.Balaji	Chief Examiner
5.	Dr.S.Balaji	Question Paper Setter
6.	Mr.G.Prabu	Question Paper Setter
7.	Mr.G.Prabu	Internal Examiner for Paper Valuation

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

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1.	Dr.R.Saravanan	Neural Computing and Applications (NCAA)
		Asian Journal of Research in Computer Science

**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
1	G.Prabu	Academic Excellence Award, International Academic & Research Foundation

**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)	Days
1.	Dr.R.Raju	Exploring Artificial Intelligence: Trending Technologies	DMI College of Engineering	09.09.2024-13.09.2024	5
		Challenges of Antenna Design	Sathyabama Institute of Science and Technology	09.12.2024-13.12.2024	6
2.	Dr.R.Saravanan	Exploring Artificial Intelligence	DMI College of Engineering	09.09.2024-13.09.2024	5
		Machine learning Techniques	EGS Pillay	30.12.2024-07.01.2025	8
3.	Dr.N.Thilagavathi	Exploring Artificial Intelligence	DMI College of Engineering	09.09.2024-13.09.2024	5
4.	Dr.S.Balaji	Exploring Artificial Intelligence	DMI College of Engineering	09.09.2024-13.09.2024	5
		Machine learning Techniques	EGS Pillay	30.12.2024-07.01.2025	8
5.	Dr.R.Anandkumar	Advanced Computational Techniques in Machine Learning: A Comprehensive Faculty Development Program Utilizing R Software	University of engineering And Management Kolkata	25/11/2024-30/11/2024	6
		Building Services in Smart City Through IoT- Edge Fog-Cloud Federation	National Institute of Technology Warangal	09/12/2024-14/12/2024	6
6.	Dr.Puspita Dash	Recent Advancements in AI	Periyar Maniammai Institute of	25.11.2024-	6



		and IOT	Science and Technology	30.11.2024	
		Future of Quantum computing	AICTE	23/12/2024- 28/12/2024	6
		AI-Driven Solutions for Modern Cybersecurity	AICTE	16/12/2024- 21/12/2024	6
		High Performance Computing for Data Intensive	AICTE	02/12/2024- 07/12/2024	6
7.	Mr.R.Suresh	Enhancing Mobility and Urban Sustainability	Takshashila University	03/02/2025- 08/02/2025	6
		Data Science	E& ICT Academy ,IIT Kanpur	05.07.2024 – 16.07.2024	2 Weeks
		AICTE - IM1B Creators of Metaverse	Online	15.05.2024 – 21.06.2024	5 Weeks
		AICTE - IM1B Green Internship supported by Salesforce	Online	27. 09.2024 - 17.09.2024	3 Weeks
8.	Dr.B.Vijayakumar	AICTE - IM1B Creators of Metaverse	Online	(15.05.2024 – 21-06.2024)	5 Weeks
		AICTE - IM1B Green Internship supported by Salesforce	Online	(27. 09.2024 -17.09.2024)	3 Weeks
9.	Mrs.V.Padmapriya	Recent Trends in AI and ML	Bonam Venkata chalamayya	18.06.2024- 22.06.2024	5
10.	Mrs.N.Kalaiselvi	Challenges of Antenna Design	Sathyabama Institute of Science and Technology	09.12.2024- 13.12.2024	5
		Machine learning Techniques	EGS Pillay	30.12.2024- 07.01.2025	8
11.	Mrs.M.Lakshmiprabha	Implication of Emerging Computing Technologies	Hindusthan College	29.07.2024- 04.08.2024	7
		Internet of Things	ICT Academy	24.02.2025- 28.02.2025	5
12.	G.Prabu	Five Days FDP on Exploring Artificial Intelligence: Trending Technologies	DMI College of Engineering, Chennai	09.09.2024- 13.09.2024	5 days
		Lecture Series on “Teacher as Facilitator”	Dr.M.G.R Educational and Research Institute	25.06.2024	1 day
		Faculty Development Program on Advanced Solutions for Space Exploration and Modern Defense System	AICTE Training and Learning (ATAL) Academy at IIIT Kottayam	02/12/2024- 07/12/2024	7 Day
		Faculty Development Program on AI and Next-Gen Technologies for a Sustainable World: Breakthroughs in Health, Agriculture, and Intelligent Infrastructure	AICTE Training and Learning (ATAL) Academy at DAYANANDA SAGAR UNIVERSITY	06/01/2025- 11/01/2025	7 days
		Malaviya Mission Teacher Training Programme	Dr.Babasaheb AmbedkarMarathwada University, Chhatrapati Sambhajinagar	09/12/2024- 18/12/2024	10 Days
13.	Mr.P.Praveen kumar	Malaviya Mission Teacher Training Programme	Dr.Babasaheb AmbedkarMarathwada University, Chhatrapati Sambhajinagar	09/12/2024- 18/12/2024	10 Days
14.	Mrs.E.Valarmathi	Quantum Computing	Dhanalakshmi srinivasan engineering College	16/12/2024- 21/12/2024	6
15.	Mrs.C.Vanaja	Creative classroom Techniques	VELS NAAC	08.07.2024- 12.07.2024	5
		Future Perspectives of AI and Data Sciences	Indian Institute of Information Technology Design and Manufacturing Kancheepuram	02/12/2024- 07/12/2024	6





		Generative AI and It's Applications with Computer Vision	Lalbbhai Dalpatbhai College of Engineering Ahmedabad	16/12/2024-21/12/2024	6
16.	Mr.T.Periyasamy	Recent trends in Computing 4.0	Vishwakarma Institute of Technology	08.08.2024-13.08.2024	6
		Creative classroom Techniques	VELS NAAC	08.07.2024-12.07.2024	5
		Recent Trends in Artificial Intelligence and Machine Learning	CSE and Allied Branches, Bonam Venkata Chalamayya Engineering College	18.06.24-22.06.24	5
		Exploring The Future of Artificial Intelligence and Machine Learning	Depart of CSE (AI & ML), IEM Newtown in association with HRDC, IEM-UEM Group	24.06.24-28.06.24	5
17.	Mr.T.Maheshwaran	Recent Trends in Artificial Intelligence and Machine Learning	CSE and Allied Branches, Bonam Venkata Chalamayya Engineering College	18.06.24-22.06.24	5
		Creative classroom Techniques	VELS NAAC	08.07.2024-12.07.2024	5
18.	Mr.D.Prabhu	Blockchain Governance Structures and Trust	Birla institute of Technology off campus jaipur	23/12/2024-28/12/2024	6
		Artificial Intelligence in Data Science Applications	Muffakham jah college of engineering and Technology	13/12/2024-19/12/2024	7
		Challenges of Antenna Design	Sathyabama Institute of Science and Technology	09.12.2024-13.12.2024	5
19.	Mr.R.Vijayaprabhu	Challenges of Antenna Design	Sathyabama Institute of Science and Technology	09.12.2024-13.12.2024	5
20.	Ms.M.Madhumitha	Creative classroom Techniques	VELS NAAC	08.07.2024-12.07.2024	5
		Exploring The Future of Artificial Intelligence and Machine Learning	IEM	24.06.2024-28.06.2024	5
		Digital Manufacturing Technology	SMVEC	11.12.2024-16.12.2024	6
21.	Mrs.K.Poornambigai	Recent Trends in Artificial Intelligence and Machine Learning	CSE and Allied Branches, Bonam Venkata Chalamayya Engineering College	18.06.24-22.06.24	5
22.	Ms.A.Sowbarnika	Recent trends in Artificial Intelligence and Machine Learning	Bonam Venkata Chalamayya Engineering College	18.06.24-22.06.24	5
		Creative classroom Techniques	VELS NAAC	08.07.2024-12.07.2024	5
		Digital Marketing	MLR Institute of Technology	21.09.24-25.09.24	5
		Internet of Things And Its Applications	AICTE	16/12/2024-21/12/2024	6
		AI-Driven Network Security	Rajalakshmi Engineering College	09/12/2024-14/12/2024	6
23.	Mr.A.Ranjeeth	Advanced Computational Techniques in Machine	University of Engineering and Management	25/11/2024-30/11/2024	6
		Building Services in Smart City Through IoT- Edge Fog-Cloud Federation	National Institute of Technology Warangal	09/12/2024-14/12/2024	6
		Smart Cities and Its Mobility	IFET College of Engineering	20/01/2025-25/01/2025	6



24.	Ms.V.Keerthana	Clean Energy and Environment Sustainability	Government engineering college Palamu	06/01/2025-11/01/2025	6
		Importance of Artificial Intelligence in Robotics	Indian Institute of Information Technology Design and Manufacturing Kurnool	20/01/2025-25/01/2025	6
		Innovative Solutions for Smart Cities	Takshashila University	03/02/2025-08/02/2025	6
25.	Dr.B.Ananth	Challenges of Antenna Design	Sathyabama Institute of Science and Technology	09.12.2024-13.12.2024	5

### 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	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 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 programme per semester to be conducted
Achievements	All relevant documents are verified
General Remarks	All the documents are arranged properly and maintained

**Signature of the Internal Academic Audit Experts**

Dr.D.Sivaraj  
Associate Professor  
Department of Electrical and Electronics  
Engineering,  
SMVEC

Dr. R. Ramachandiran  
Professor  
Department of Computer Science and  
Engineering,  
SMVEC



## **ACADEMIC AND ADMINISTRATIVE AUDIT**

### **DEPARTMENT OF MECHANICAL ENGINEERING**





**ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENTS**  
**Academic Year 2024 - 2025**  
**Internal Audit**

**SECTION -1: BASIC INFORMATION**

Audit Date	07.03.2025			
Name of the Department	Mechanical Engineering			
Year of Establishment	2008			
Head of the Department	Dr.G.G.Sozhamannan			
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	25	21	25
Number of Technical Staff	4			
Number of Students	For B.Tech:			
	Year	M	F	Total
	First Year	84		84
	Second Year	84	1	85
	Third Year	89		89
	Fourth Year	100	5	105
	Total			363
	For M.Tech:			
	Year	M	F	Total
	First Year	1	1	2
	Second Year	1		1
	Total			3
Faculty Student Ratio	1:20			

**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	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
<ul style="list-style-type: none"> <li>Skill Development Courses</li> <li>Mandatory Courses</li> <li>Certification Courses</li> <li>More Elective Courses</li> </ul>	<ul style="list-style-type: none"> <li>Design Thinking and Idea Lab</li> <li>Programming in Python Laboratory</li> <li>Engineering Mathematics Laboratory</li> <li>Analysis and Simulation Laboratory</li> <li>Honors degree</li> <li>Micro Project</li> <li>Mini Project</li> </ul>

## 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	PE II: Powder Metallurgy and Surface Coating	U20MEE507	44
2	III / V	PE II: Green Manufacturing	U20MEE508	46
3	III / VI	PE III: Automobile Engineering	U20MEE611	89
4	IV / VII	PE IV: Industrial Tribology	U20MEE716	35
5	IV / VII	PE IV: Advanced Welding Technology	U20MEE717	35
6	IV / VII	PE IV: Nano Technology	U20MEE719	35

## 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	IT	OE II: Mobile App Development	U20ITO504	45
2	III / V	ECE	OE II: Automotive Electronics	U20ECO504	45
4	IV / VII	MCTR	OE IV: Automation in Manufacturing Systems	U20MCO703	105

## 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	SDC 1: Two wheeler Troubleshooting	U23MES301	80
2	III / V	SDC 4: Career and Professional Skill Development Program - I	U20MES504	90
3	III / V	SDC 5: Hands-on Training in 3D Printing	U20MES505	90





## 2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Student Registered
1	I / I	Python Programming	U23MEC175	83
2	II / III	CATIA	U23MEC339	80
3	III / V	Solid Works	U20MEC582	90

## 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	U23MEM101	83
2	II / III	Climate Change	U23MEM303	80
3	III / V	Indian Constitution	U20MEM505	90
4	IV / VII	Professional Ethics	U20MEM707	105

## 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	IV/VII	Product Life Cycle Management	-	50	50
2	III / V	CREO		90	90

## 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	Mr.R. Rajesh Mrs. D.Dheeba	60	60	60
2	Physical Science for Engineers / U23BSTC01	Dr. K. Samuvel / Mr.N.SenthamizhSelvan	45	45	45
3	Engineering Mechanics / U23ESTC02	Mr.M. Gunasekar Mr.G.Harish	45	45	45
4	Basics of Electrical and Electronics Engineering / U23ESTC03	Mr. Sundar Mohan	45	45	45
5	Concept of Engineering Design / U23MET101	Dr.K. Hemalatha Dr.K. Hemalatha	45	45	45
6	Communicative English - I / U23ENBC01	Mr.A. Antoine Prasad Mr.A. Antoine Prasad	60	60	60
7	Basics of Electrical and Electronics Engineering Laboratory / U23ESPC01	Mr. Sundar Mohan Mr. Sundar Mohan	30	30	30
8	Design Thinking and IDEA Lab / U23ESPC02	Mr.P. Jayakumar Mr.P. Jayakumar	30	30	30
9	Engineering Mechanics Laboratory / U23ESP101	Dr.K. Hemalatha Dr.M.Elangovan	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	Mr.R. Rajesh	60	60	60
2	Programming in Python/ U23ADTCO1	Mr. S. Santhosh Rajan	45	45	45
3	Applied Thermodynamics/ U23MET303	Dr.AA.Ar ivalagar	45	45	45
4	Fluid Mechanics and Hydraulic Machines/ U23MET304	Mr. M.Santhosh Kumar	60	60	60
5	Manufacturing Processes/ U23MET305	Mr. A.Jeyachandran	45	45	45
6	Strength of Materials/ U23MEB301	Dr.S.Jayabharathy	60	60	60
7	General Proficiency-I/ U23ENPCO1	Mr.A. Antoine Prasad	30	30	30
8	Engineering Mathematics Laboratory/ U23MAPCO1	Mr.A. Ashok	30	30	30
9	Programming in Python Laboratory/ U23ADTPO1	Mr. S. Santhosh Rajan	30	30	30
10	Manufacturing Processes Laboratory/ U23MEP302	Mr. A.Jeyachandran	30	30	30
11	Fluid Mechanics and Hydraulic Machines Laboratory/ U23MEP303	Mr. M.Santhosh Kumar	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	Numerical Methods and Statistics / U20BST548	Dr.T.Poovaragavan Dr.T.Poovaragavan	60	60	60
2	Design of Machine Elements / U20MET510	Mr. R. Hemanthkumar Mr. D.Karunakaran	45	45	45
3	Dynamics of Machinery / U20MET511	Dr. L. Martin Mr. P.Jayakumar	45	45	45
4	Metrology and Measurement/U20MET512	Mr. A.Jeyachandran Mr. K.Navanitha Krishnan	45	45	45
5	Professional Elective – II Power Metallurgy and Surface Coating / U20MEE507 Green Manufacturing / 20MEE508	Mr.N.Prakash Kumar Mr. M.Santhosh Kumar	60	60	60
6	Open Elective – II Automotive Electronics / U20ECO504 Mobile App Development / U20ITO504	Dr.S. Prem kumar Mr.T.Periyasamy	30	30	30





7	Numerical Methods Lab / U20BSP549	Mrs.T. Kalaiselvi Dr.T.Poovaragavan	30	30	30
8	Metrology and Measurements Lab / U20MEP506	Mr. A.Jeyachandran Mr. K.Navanitha Krishnan	30	30	30
9	Dynamics Lab / U20MEP507	Mr. K.Navanitha Krishnan Mr. G.Harish	30	30	30
10	CAD/CAM Lab / U20MEP508	Mr. A. Giriprasath Mr. M. Gunasekar	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	45	45	45
2	Industrial Automation and Robotics / U20MET718	Mr. R. Hemanthkumar Dr. R.Ravisankar	45	45	45
3	Professional Elective - IV Industrial Tribology / U20MEE716 Advanced Welding Technology / U20MEE717 Nano Technology / U20MEE719	Dr.A.G.Ganesh Kumar Dr. G.G.Sozhamannan Dr. A. Thiagarajan	45	45	45
4	Open Elective - IV Automation in Manufacturing Systems / U20MCO703	Mr. K.Navanitha Krishnan Mr. A. Giriprasath	45	45	45
5	Business Basics for Entrepreneur / U20HSP703	Dr. R.Ravisankar Mr. D.Karunakaran	45	45	45
6	Automation and Robotics lab / U20MEP712	Mr. R. Hemanthkumar Mr. A. Giriprasath	30	30	30
7	Product Development Lab / U20MEP713	Mr. P.Jayakumar Dr. L. Martin	30	30	30
8	Comprehensive Viva Voce / U20MEP714	Dr.A.G.Ganesh Kumar Dr. T. Coumaressin	30	30	30
9	Project Phase - I / U20MEW701	Dr.G.G.Sozhamannan Dr. A.Thiagarajan	30	30	30
10	Internship / Inplant Training / U20MEW702	Mr. K.Navanitha Krishnan Mr. A. Giriprasath	30	30	30

**3.2 Use of ICT Tools in Teaching Learning**

**Semester: I**

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	Models & Smart classroom



### 3.3 List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop/ Guest Lecture	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Awareness session on "Influence of Social Media Addiction on the Health of Students and Rehabilitation	Dr. K. BALAN PONMANI STEPHEN NODAL OFFICER GOVT OF PUDUCHERRY	28-9-24	III year
2	3D Printing Hands on Training	Dr.P.Jayakumar IDEA Tech Guru SMVEC	10/08/2024,	I year
3	<b>Guest Lecture cum Hands on Training on Unlocking the World of 3D Printing, 3D Scanning and 3D Designing'</b>	<b>Shri. R. Rohan</b> Founder and CEO Addere Creation Pvt Ltd Bangalore	26.10.2024	II year
4	Hands-on-training on 'FEA/CAE/CFD'	Mr. PARTHIV MANEPALLI, Technical Head, Labrat Design Services, Puducherry	21-08-2024	IV year

### 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	Mrs.M.Guna	Yes	2	Yes
2	Physical Science for Engineers / U23BSTC01	Dr.T.Jayavarthanam / Dr.K.Karthikeyan	Yes	2	Yes
3	Engineering Mechanics / U23ESTC02	Dr.K.Velmurugan	Yes	2	Yes
4	Basics of Electrical and Electronics Engineering / U23ESTC03	Mr.S.Pushparaj	Yes	2	Yes
5	Concept of Engineering Design / U23MET101	Dr.S.Jayabharathy	Yes	2	Yes
6	Communicative English - I / U23ENBC01	Ms.R.Gajalakshmi	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	Complex Analysis and Applications of Partial Differential Equations / U20BST320	Dr.B.Kanimozhi	Yes	2	Yes





2	Data Structures / U20EST356	Mr.R.Vijaya Prabhu	Yes	2	Yes
3	Electronic Devices and Circuits / U20EST358	Mr.S.Yuvaraj	Yes	2	Yes
4	Mechanics of Solids / U20MET305	Dr.S.Jayabharathy	Yes	2	Yes
5	Computer Aided Design / U20MET306	Mr.P.Jayakumar	Yes	2	Yes
6	Fluid Mechanics and Machinery / U20MET307	Mr.M.Santhoshkumar	Yes	2	Yes
7	General Proficiency - I / U20HSP301	Dr.D.Devi	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	Numerical Methods and Statistics / U20BST548	Mr.T.Poovaragavan	Yes	2	Yes
2	Design of Machine Elements / U20MET510	Mr.P.Sathia Prathap Mr.A.Giriprasath	Yes	2	Yes
3	Dynamics of Machinery / U20MET511	Dr.K.Hemalaltha Dr.M.Elangovan	Yes	2	Yes
4	Metrology and Measurement / U20MET512	Mr.A.Jeyachandran Mr.D.Karunakaran	Yes	2	Yes
5	Professional Elective – II Power Metallurgy and Surface Coating / U20MEE507 Green Manufacturing / U20MEE508	Mr.G.Harish Mr.K.Navanitha Krishnan	Yes	2	Yes
6	Open Elective – II Automotive Electronics / U20ECO504 Mobile App Development / U20ITO504	Mr.S.Yuvaraj Ms.K.Poornambigai	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	Dr.A.G.Ganesh Kumar Dr.R.Ravisankar	Yes	2	Yes
3	Professional Elective - IV Industrial Tribology / U20MEE716 Advanced Welding Technology / U20MEE717 Nano Technology / U20MEE719	Dr.G.G.Sozhamannan Dr.A.G.Ganesh Kumar Dr.A.Thiagarajan	Yes	2	Yes
4	Open Elective - IV Automation in Manufacturing Systems / U20MCO703	Mr.K.Navanitha Krishnan	Yes	2	Yes

**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	Mentor-Mentee system is our integral part. For each mentors 15 students are allotted. The mentor maintains entire details about the students and does periodic counseling.	
2	Class wise student profile record maintained.	Yes	Class wise student Profile Record Maintained by the class advisor	
3	Mentor-mentee session record maintained.	Yes	Mentor – Mentee Session Record Maintained by the mentors	

**3.6 Internal Evaluation Systems**

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous assessment examination conducted as per the academic calendar	Yes	Circular is maintained in the department exam cell
2	Are proper evaluation methods used for courses such as Employability Enhancement Courses, mandatory courses etc.,	Yes	Evaluation methods is followed based on Curriculum
3	Details of internal marks awarded	Yes	Maintained in the department exam cell
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	Well stated and passed in BOS
2	Correlation of COs with POs and PSOs for each course available	Yes	Well stated and passed in BOS
3	Course Exit survey conducted	Yes	Course wise exit survey conducted
4	Course Outcome Attainment Calculated	Yes	Course wise CO attainment calculated
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

S. No	Particular	UG	PG
1	Number of Students appeared	84	02
2	Number of All Clear Students	65	02
3	Number of Students passed with Distinction	07	02
4	Number of Students passed with First Class	55	-
5	Number of Students passed with Second Class	03	-
6	Number of Students Failed	19	-
7	Passing Percentage	77.4%	100

#### Semester II

S. No	Particular	UG	PG
1	Number of Students appeared	84	02
2	Number of All Clear Students	71	02
3	Number of Students passed with Distinction	04	02
4	Number of Students passed with First Class	56	-
5	Number of Students passed with Second Class	11	-
6	Number of Students Failed	13	-
7	Passing Percentage	84.5%	100%

#### Semester III

S. No	Particular	UG	PG
1	Number of Students appeared	85	01
2	Number of All Clear Students	73	01
3	Number of Students passed with Distinction	11	-
4	Number of Students passed with First Class	51	01
5	Number of Students passed with Second Class	11	-
6	Number of Students Failed	12	-
7	Passing Percentage	85.9%	100%



**Semester IV**

S. No	Particular	UG	PG
1	Number of Students appeared	85	01
2	Number of All Clear Students	78	01
3	Number of Students passed with Distinction	10	01
4	Number of Students passed with First Class	51	-
5	Number of Students passed with Second Class	17	-
6	Number of Students Failed	07	-
7	Passing Percentage	91.8%	100%

**Semester V**

S. No	Particular	UG	PG
1	Number of Students appeared	89	-
2	Number of All Clear Students	79	-
3	Number of Students passed with Distinction	16	-
4	Number of Students passed with First Class	62	-
5	Number of Students passed with Second Class	01	-
6	Number of Students Failed	10	-
7	Passing Percentage	88.7%	-

**Semester VI**

S. No	Particular	UG	PG
1	Number of Students appeared	89	-
2	Number of All Clear Students	85	-
3	Number of Students passed with Distinction	24	-
4	Number of Students passed with First Class	55	-
5	Number of Students passed with Second Class	06	-
6	Number of Students Failed	04	-
7	Passing Percentage	95.5%	-

**Semester VII**

S. No	Particular	UG	PG
1	Number of Students appeared	105	-
2	Number of All Clear Students	105	-
3	Number of Students passed with Distinction	74	-
4	Number of Students passed with First Class	31	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	-	-
7	Passing Percentage	100%	-

**Semester VIII**

S. No	Particular	UG	PG
1	Number of Students appeared	105	-
2	Number of All Clear Students	105	-





3	Number of Students passed with Distinction	83	-
4	Number of Students passed with First Class	22	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	-	-
7	Passing Percentage	100%	-

### 3.9 Student Performance of Outgoing Students

S. No	Particular	UG	PG
1	Number of outgoing students	105	1
2	Number of students successfully completed the program	103	1
3	Number of students completed the program with no backlogs	57	-
4	Number of students completed the program with backlogs	46	1

### 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	12	Academic expert feedback on curriculum conducted with action taken report
2	Employer feedback on curriculum with analysis and action taken report	Yes	10	Employer feedback on curriculum conducted with action taken report
3	Teacher feedback on curriculum with analysis and action taken report	Yes	15	Teacher feedback on curriculum conducted and analyzed
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes	40	Course Exit Survey conducted and analyzed
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	10	Parent Feedback collected and analyzed
6	Alumni feedback on curriculum with analysis and action taken report	Yes	20	Alumni Feedback conducted and analyzed
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	90	Student Feedback on Teaching and Learning conducted with action taken report
8	Graduate (program) Exit Survey with analysis and action taken report	Yes	15	Graduate (program) Exit Survey conducted and analyzed

### 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.A.Thiagarajan	Advanced Polymer composites for naval applications	Mannschaft Engineering Solution private limited	1,73,000	8 Months

#### 5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
1	Mr.A.Jeyachandran	New product and development	Seja Sintors	2,46,300	1 year



### 5.3 Faculty Publications (faculty-wise list)

#### Publication Details (Last Four Years)

S. 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	2024-25	13	13	560	12	0.2 to 7

#### Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	-
Number of Publications in International Journals	13
Number of Publications in National Conferences	-
Number of Publications in International Conferences	-
Number of Books / Book Chapters	01
Number of Patents (Filed)	05
Number of Patents Granted	05
Number of Design Patents (Filed)	02
Number of Design Patents Granted	02

#### National Journal-Nil

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

#### International Journal: 13

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Year.Vol, issue, pp, ISBN/ISSN	Indexing
1	Laser cladding technology for high entropy alloys: effect and applications	Om Prakash, Rituraj Chandrakar, <b>Martin L</b> , Jagesvar Verma, Anil kumar and Ankur Jaiswal	Material Research Express	2024	Scopus
2	Increasing the Yield of Solar Still for Sea Water Using Nano Material with Thermocol Insulation of Solar Still Basin and Analyzing the Optimization Parameters for improving the efficiency of conventional desalination plant	Dr. P.Selvaraj, J.B. Renin Jeya Gem, <b>Dr.K.Velmurugan</b> , Dr. G. Balamuruga Mohan Raj, V. Ananda Natarajan, M. Balasubramanian,	Journal of Innovations	2024	Scopus
3	Enhancing the yield rate day production of solar desalination plant and maximizing the performance of conventional desalination plant	P.Selvaraj, G.Nagaraj, H.Ganagasabapathy, A.Thillaivanan, P.Mohan, <b>K.Velmurugan</b> , G. Vairamuthu, P. Deivanayagam	Tuijin Jishu	2024	Scopus
4	Analysing and selection of Industrial Engineering requirements for personal care with protective of human body safety	Dr. P. Selvaraj, Dr. J. Prince Antony Joel, Dr. A. Thillaivanan, <b>Dr. K. Velmurugan</b> , Dr. G. Balamuruga Mohan Raj, Mr.J.B.Renin Jeya Gem, Mr.S.Pitchaiah	Industrial Engineering Journal	2025	Scopus





5	Comprehensive investigation on the synthesis molecular structure anticancer activities and MAPK6 protein binding of MABPC through molecular and biomolecular spectroscopy	Kumaran Manogaran , T. Sivaranjani, M Ishwariya , Periandy Sengeny , <b>V.S. K. Venkatachalapathy</b> , T. Jayavarthan	Journal of Molecular Structure	2025	Scopus
6	A DFT based study on CFBP: Structural solvent spectroscopic analysis and ligand protein interaction with the antipsychotic characteristics	Lakshmishri Sekar , T. Jayavarthan, Kumaran Manogaran , Periandy Sengeny , <b>V.S.K. Venkatachalapathy</b> , S. Soundharya, T. Sivaranjani , Stevan Armaković	Journal of Molecular liquids	2025	Scopus
7	Environmental exhaust emissions reduction and performance improvement analysis of biodiesel operated diesel engine performance using operating parameters	Silambarasan Rajendran, Boopathi Duraisamy, , <b>Elangovan Murugesan</b> , Chander Prakash, Awadhesh chandramauli	Global NEST Journal	2024	SCI/WOS
8	The impact of nanoparticle-diesel blends on fuel properties, combustion efficiency, and emissions	<b>Elangovan Murugesan</b> Ratchagaraja Dhairiyasamy , Saurav Dixit, Subhav Singh	Case Studies in Thermal Engineering	2025	SCI/WOS
9	Performance evolution of a vapor compression refrigeration system with R600a refrigerant and alumina and titanium dioxide hybrid nano lubricants	Purusothaman Mani, <b>Coumaressin Thangarasu</b> , Hemanandh Janarthanam, Praveen Bamavatu, Hussein Togun, Ramalingam Viswanathan Mangalaraja	Thermal Science and Engineering Progress	2025	Scopus
10	Environmental and economics assessment of active mode greenhouse solar dryers with green peas drying	Purusothaman Mani, <b>Coumaressin Thangarasu</b> , Hemanandh Janarthanam, Praveen Bamavatu, Hussein Togun, Ramalingam Viswanathan Mangalaraja	Case Studies in Thermal Engineering	2025	Scopus
11	Microstructure Characterization, Optimization of Wear Parameters, and Mechanical Properties of SS304 Nano Composites Produced by Powder Metallurgy for Aerospace Applications.	A. Ravi kumar, <b>A. Thiagarajan</b> , K. Velmurugan , Devanadane Muraliraman , V.S.K. Venkatachalapathy	Journal of Materials Engineering and performance	2025	SCI/WOS
12	Experimental and Numerical Wear Behavior Analysis of Piston Made of Hybrid Aluminum Metal Matrix Composite	R. Hemanth Kumar and <b>V. S. K. Venkatachalapathy</b>	Korean J. Mater. Res	2025	Scopus



13	A review on industrial optimization approach in polymer matrix composites manufacturing"	Adryan Ang Seng Theng , Elammaran Jayamani, Jeyanthi Subramanian , Vinoth Kumar Selvaraj , Shreya Viswanath , <b>Ravi Sankar</b> , Subramani Raja Maher Ali Rusho	International Polymer processing	2025	<b>Scopus</b>
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#### National Conference-Nil

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	-	-	-	-	-	-

#### International Conference-Nil

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						

#### Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1.	Advanced Materials for Biomedical Devices	M.Shanmuga Priyan, <b>T.Coumaressin</b> , Sravani Vemuri. K.Rajesj, Kamala Priay.B	ISBN 9781003651772	CRC Press Taylor&Francis 4 November 2025

#### Design Patent

S.No	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No
1	434519-001	23-12-2024	Herbal Medicine formulating apparatus	Dr.D.Karunakaran	434519-001

#### Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	1. Mr. Mukeshkumar R 2. Dr. K. Velmurugan <b>3. Dr. L. Martin</b> 4. Dr.S. Anbumalar 5. Dr.P. Jamuna 6. Mr.B.Parthiban	1. Mr. Mukeshkumar R 2. Dr. K. Velmurugan <b>3. Dr. L. Martin</b> 4. Dr.S. Anbumalar 5. Dr.P. Jamuna 6. Mr.B.Parthiban	Endorest - Smart Dual Section Inflatable Positioning Device For Laryngoscopy And Endoscopy	20254105455 6 06-06-2025	India	Published
2	1.Dr. Jegathalaprathaban Rajesh 2.Dr.V.S.K.Venkatachala pathy 3. <b>Dr.K.Velmurugan</b> 4.Prof.Audithan Sivaraman	1.Dr.Jegathalaprathaban Rajesh 2.Dr.V.S.K.Venkatachala pathy 3. <b>Dr.K.Velmurugan</b> 4.Prof.Audithan Sivaraman	Solar Powered Automatic Portable outdoor camping bath shower	20224102414 9 25/04/2022, Grant Date: 03/06/2024	India	Published& Granted





3	1.Dr.T.Karthikeyan 2.Dr.V.S.K.Venkatachala pathy <b>3.Dr.K.Velmurugan</b> 4.Dr.S.Jayaprakash	1.Dr.T.Karthikeyan 2.Dr.V.S.K.Venkatach alapathy <b>3.Dr.K.Velmurugan</b> 4.Dr.S.Jayaprakash	Concealed Type Fire Extinguisher With Vertical And Horizontal Movement Of Nozzle With Umbrella	20184104341 2 19/11/2018 Grant Date: 08/03/2024	India	Published& Granted
4	1. A.Ruthresh <b>2. Dr. K. Velmurugan</b> 3. Dr. L. Martin 4. Mukeshkumar R	1. A.Ruthresh <b>2. Dr. K. Velmurugan</b> 3. Dr. L. Martin 4. Mukeshkumar R	Safemate-Ai- Integrated Wearabale Device For Fall Prevention And Health Monitoring In Elderly People	20254105536 0 09-06-2025	India	Published
5	Dr.T.Coumaressin	Dr.T.Coumaressin	Estimation of energy and water consumption of washing machine using Artificial Intelligence	20541037900 A 20-04-2025	India	Published

## SECTION – VI: COLLABORATIONS AND LINKAGES

### 6.1 Student Internships

S.No	REG. NO.	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
				Duration	From date	To date
1	21MEL001	AAKASH J	BARATHY INDUSTRIES	11 DAYS	20.7.2024	30.07.2024
2	21MEL002	CHANDRAKANTH R	ALLIANZ BIOSCIENCES PRIVATE LIMITED	18 DAYS	02.10.2024	19.10.2024
3	21MEL003	CHANDRU S	ABIRAMI ENTERPRISES	32 DAYS	02.09.2024	03.10.2024
4	21MEL004	DHINESH G	BARATHY INDUSTRIES	15 DAYS	25.07.2024	08.08.2024
5	21MEL005	HARIHARAN P	ABIRAMI ENTERPRISES	32 DAYS	02.09.2024	03.10.2024
6	21MEL006	KARTHIKEYAN R	RANE (MADRAS) LIMITED	9 DAYS	02.08.2024	10.08.2024
7	21MEL007	KRISHNA KUMAR S	LUCAS - TVS LIMITED	17 DAYS	03.07.2024	19.07.2024
8	21MEL008	LAKSHMI KANDHAM V	TOLASING ROBOTICS PRIVATE LIMITED	1 MONTH	26.07.2024	26.08.2024
9	21MEL009	MATHIRASAN L	BARATHY INDUSTRIES	10 DAYS	28.10.2024	06.11.2024
10	21MEL0010	MOHAMED KAIF A	CHEMFAB ALKALIS LIMITED	1 WEEK	31.07.2024	06.08.2024
12	21MEL0012	PARTHASARATHI S	BARATHY INDUSTRIES	15 DAYS	25.07.2024	08.08.2024
13	21MEL0013	PRAVEEN KUMAR V	HINDUSTAN UNILEVER LIMITED	15 DAYS	12.02.2024	27.02.2024
14	21MEL0014	PUSHPA RAJ K	WHIRLPOOL OF INDIA LIMITED	6 DAYS	05.08.2024	10.08.2024
15	21MEL0015	SAKTHIVENDHAN V S	RANE (MADRAS) LIMITED	9 DAYS	02.08.2024	10.08.2024
16	21MEL0016	SATHESH KUMAR P	NLC INDIA LIMITED	12 DAYS	29.07.2024	09.08.2024
17	21MEL0017	SHANKARA NARAYANAN A	ALLIANZ BIOSCIENCES PRIVATE LIMITED	18 DAYS	02.10.2024	19.10.2024
18	21MEL0018	SUBASH P	CHEMFAB ALKALIS LIMITED	2 WEEK	25.07.2024	06.08.2024





19	21MEL0019	TAMILSELVAN R	NLC INDIA LIMITED	12 DAYS	29.07.2024	09.08.2024
20	21MEL0020	VENGADA RAMANA M	CHEMFAB ALKALIS LIMITED	1 WEEK	31.07.2024	06.08.2024
23	21MEL0023	GUGAN C	NLC INDIA LIMITED	12 DAYS	29.07.2024	09.08.2024
25	21UME002	ANANTHA RUBAN C	HINDUSTAN UNILEVER LIMITED	15 DAYS	12.02.2024	27.02.2024
26	21UME003	AFRID M I	ABIRAMI ENTERPRISES	32 DAYS	02.09.2024	03.10.2024
27	21UME004	KOLLU RAMESHWARA RAO	ADHISAKTHI PROJECTS PRIVATE LIMITED	6 DAYS	29.07.2024	03.08.2024
28	21UME005	ANBUSELVAM S	BARATHY INDUSTRIES	10 DAYS	28.10.2024	06.11.2024
29	21UME006	ASHWIN KUMAR S	BARATHY INDUSTRIES	10 DAYS	28.10.2024	06.11.2024
31	21UME008	BALAJI K	NLC INDIA LIMITED	12 DAYS	29.07.2024	09.08.2024
32	21UME009	BARANIDHARAN M	CHEMFAB ALKALIS LIMITED	1 WEEK	31.07.2024	06.08.2024
34	21UME011	BASKARAN S	ATHARVO INDIA PRIVATE LIMITED	1 MONTH	06.09.2024	06.10.2024
35	21UME012	BHUVANESSH A	NLC INDIA LIMITED	12 DAYS	29.07.2024	09.08.2024
36	21UME013	CHANDRU J	BARATHY INDUSTRIES	10 DAYS	28.10.2024	06.11.2024
37	21UME014	DANOUSH KUMARAN N	ALLIANZ BIOSCIENCES PRIVATE LIMITED	18 DAYS	02.10.2024	19.10.2024
38	21UME015	DHANUSH RAJ V	HINDUSTAN UNILEVER LIMITED	15 DAYS	12.02.2024	27.02.2024
39	21UME016	DHARMESH M	BARATHY INDUSTRIES	10 DAYS	28.10.2024	06.11.2024
40	21UME017	DHINESHVAR A L	NLC INDIA LIMITED	12 DAYS	29.07.2024	09.08.2024
41	21UME018	DHINESH RAJ S	RANE (MADRAS) LIMITED	9 DAYS	02.08.2024	10.08.2024
42	21UME019	DHIVAGAR R	ALLIANZ BIOSCIENCES PRIVATE LIMITED	18 DAYS	02.10.2024	19.10.2024
43	21UME020	DHIVAKAR M	CHEMFAB ALKALIS LIMITED	1 WEEK	31.07.2024	06.08.2024
44	21UME021	DISHITH KUMAR Z	ADHISAKTHI PROJECTS PRIVATE LIMITED	6 DAYS	29.07.2024	03.08.2024
45	21UME022	DIVAGAR R	CHEMFAB ALKALIS LIMITED	1 WEEK	31.07.2024	06.08.2024
47	21UME024	HARI HARA PRASAD S	CHEMFAB ALKALIS LIMITED	1 WEEK	31.07.2024	06.08.2024
48	21UME025	HARIHARAN S	BARATHY INDUSTRIES	10 DAYS	28.10.2024	06.11.2024
50	21UME027	HARIGARAN E	ATHARVO INDIA PRIVATE LIMITED	1 MONTH	06.09.2024	06.10.2024
52	21UME029	HEMANTH KUMAR J	NLC INDIA LIMITED	12 DAYS	29.07.2024	09.08.2024
54	21UME031	JAYANDAN M	RANE (MADRAS) LIMITED	9 DAYS	02.08.2024	10.08.2024
56	21UME033	JONESHVAREN R G	HINDUSTAN UNILEVER LIMITED	15 DAYS	12.02.2024	27.02.2024
57	21UME034	KAILASH S G	HINDUSTAN UNILEVER LIMITED	15 DAYS	12.02.2024	27.02.2024
59	21UME036	KAMARAJ K	HINDUSTAN UNILEVER LIMITED	15 DAYS	12.02.2024	27.02.2024





60	21UME037	KARTHIKEYAN V	HINDUSTAN UNILEVER LIMITED	15 DAYS	12.02.2024	27.02.2024
61	21UME038	KATHIRUKUMAR M	BARATHY INDUSTRIES	15 DAYS	25.07.2024	08.08.2024
62	21UME039	KEERTHANA N	ABIRAMI ENTERPRISES	32 DAYS	02.09.2024	03.10.2024
64	21UME041	KIRUBA K	CHEMFAB ALKALIS LIMITED	10 DAYS	29.07.2024	06.08.2024
65	21UME042	KISHORE J	RANE (MADRAS) LIMITED	9 DAYS	02.08.2024	10.08.2024
66	21UME043	KISHORE KUMAR R	NLC INDIA LIMITED	12 DAYS	29.07.2024	09.08.2024
68	21UME045	KRISHNA KUMARAN S	BARATHY INDUSTRIES	15 DAYS	25.07.2024	08.08.2024
69	21UME046	KRISHNARAJ B	BARATHY INDUSTRIES	11 DAYS	20.07.2024	30.07.2024
70	21UME047	LEON RAJ F	BARATHY INDUSTRIES	10 DAYS	28.10.2024	06.11.2024
72	21UME049	MALLESH RAJ P	PRODIGY INFOTECH	1 MONTH	01.06.2024	30.06.2024
73	21UME050	MOHAMMED DANVEER N	BARATHY INDUSTRIES	10 DAYS	28.10.2024	06.11.2024
75	21UME052	MOHAMED SYED HAFEEZ R	BARATHY INDUSTRIES	11 DAYS	20.07.2024	30.07.2024
76	21UME053	MOHAN RAJ M	ALLIANZ BIOSCIENCES PRIVATE LIMITED	18 DAYS	02.10.2024	19.10.2024
77	21UME054	MUHAMMED VASEEM P	BARATHY INDUSTRIES	10 DAYS	28.10.2024	06.11.2024
78	21UME055	MUTHUKUMARAN G	CHEMFAB ALKALIS LIMITED	1 WEEK	31.07.2024	06.08.2024
79	21UME056	MUTHUSELVAN P	BARATHY INDUSTRIES	10 DAYS	28.10.2024	06.11.2024
80	21UME057	NANTHA KUMARAN V	ALLIANZ BIOSCIENCES PRIVATE LIMITED	18 DAYS	02.10.2024	19.10.2024
81	21UME058	NARENDHIRAN M	NLC INDIA LIMITED	12 DAYS	29.07.2024	09.08.2024
82	21UME059	NARESH KUMAR S	CHEMFAB ALKALIS LTD	1 WEEK	31.07.2024	06.08.2024
83	21UME060	NAVANITH K K	ALTAIR	10 WEEKS	4/1/2024	6/1/2024
84	21UME061	NIJANDHAN S	NLC INDIA LIMITED	12 DAYS	29.07.2024	09.08.2024
86	21UME063	PRAKASH V	CHEMFAB ALKALIS LIMITED	1 WEEK	31.07.2024	06.08.2024
87	21UME064	PRAVIN RAJ J S	CHEMFAB ALKALIS LIMITED	10 DAYS	29.07.2024	06.08.2024
88	21UME065	PREMRAJ A	ABIRAMI ENTERPRISES	32 DAYS	02.09.2024	03.10.2024
89	21UME066	RAGUL M	NLC INDIA LIMITED	12 DAYS	29.07.2024	09.08.2024
90	21UME067	RAGUL R	HINDUSTAN UNILEVER LIMITED	15 DAYS	12.02.2024	27.02.2024
92	21UME069	ROHITH KUMAR V	HINDUSTAN UNILEVER LIMITED	15 DAYS	12.02.2024	27.02.2024
93	21UME070	SAI HARINI V	CHEMFAB ALKALIS LIMITED	1 WEEK	14.08.2024	20.08.2024
96	21UME073	SARVESH K	ALLIANZ BIOSCIENCES PRIVATE LIMITED	18 DAYS	02.10.2024	19.10.2024
97	21UME074	SHAKTHIVEL A	HINDUSTAN UNILEVER LIMITED	15 DAYS	12.02.2024	27.02.2024





98	21UME075	SHANMUGA PRIYA V	HINDUSTAN UNILEVER LIMITED	15 DAYS	12.02.2024	27.02.2024
99	21UME076	SHRI RAMAKRISHNAN S	BARATHY INDUSTRIES	10 DAYS	28.10.2024	06.11.2024
102	21UME079	SIVARANJANI K	RANE (MADRAS) LIMITED	1 WEEK	02.08.2024	10.08.2024
103	21UME080	SOORIYA S	HINDUSTAN UNILEVER LIMITED	15 DAYS	12.02.2024	27.02.2024
104	21UME081	SRIPATHI A	ALLIANZ BIOSCIENCES PRIVATE LIMITED	18 DAYS	02.10.2024	19.10.2024
105	21UME082	SRIRAM R	WHIRLPOOL OF INDIA LIMITED	6 DAYS	05.08.2024	10.08.2024
106	21UME083	SRIRAM S	BARATHY INDUSTRIES	11 DAYS	20.07.2024	30.07.2024
107	21UME084	SYED WAHID F	CHEMFAB ALKALIS LIMITED	1 WEEK	31.07.2024	06.08.2024
108	21UME085	THAMIZHARASAN V	ALTAIR	10 WEEKS	4/1/2024	6/1/2024
109	21UME086	THEENAVAN B	NLC INDIA LIMITED	12 DAYS	29.07.2024	09.08.2024
110	21UME087	VAISHNAVI R	CHEMFAB ALKALIS LIMITED	1 WEEK	14.08.2024	20.08.2024
111	21UME088	VIDHUSHAN G	BARATHY INDUSTRIES	10 DAYS	28.10.2024	06.11.2024
112	21UME089	VIGNESH R	ABIRAMI ENTERPRISES	32 DAYS	02.09.2024	03.10.2024
113	21UME090	VIJAYARAGAVAN M	BARATHY INDUSTRIES	11 DAYS	20.07.2024	30.07.2024
114	21UME091	YOKESH M	PRODIGY INFOTECH	1 MONTH	01.06.2024	30.06.2024

#### 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.	Optimization and improvement of methods for remove burrs in internal threaded components	Aaksah.J Navanith K.K Ragul.M Sriram.S	Seja Sinters	6 months

#### 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	10-08-2024	II Year	80
2	Abirami Enterprises Plot no.158, perumal nagar, Agasampattu,vanur, Tamil Nadu 605111	14.08.2024	I YEAR	84

#### 6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	Diffuson Coatech LLP	15-09-2023	Guest lecture, internship, projects	3 Years
2	Premier Polymers & Pipes Private Limited	14-03-2024	Industry visit, projects	2 Years





3	Propeller Technologies	15-03-2024	Industry visit, projects	2 Years
4	Factor Y, Hyderabad	15-06-2024	Patent filing	2 Years
5	Sinclar CNC Applications	12.09.2024	Industrial project and Internship	2 Years

### SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	82
Number of Students opted Higher Studies	09
Number of Entrepreneur	Nil

#### 7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	SHANMUGAPRIYA V	Ford	5.5 LPA
2	AMALANADAN A	TCS NINJA	3.36 LPA
3	ANBUSELVAM S	TCS NINJA	3.36 LPA
4	JAI VIKKNESH V	TCS NINJA	3.36 LPA
5	MUTHUSELVAN P	TCS NINJA	3.36 LPA
6	SHAKTHIVEL A	TCS NINJA	3.36 LPA
7	VIJAYARAGAVAN M	TCS NINJA	3.36 LPA
8	SRIPATHI A	TCS NINJA	3.36 LPA
9	MUHAMMED VASEEM P	TCS NINJA	3.36 LPA
10	MOHAMED DANVEER	TCS NINJA	3.36 LPA
11	KISHORE KUMAR R	TCS NINJA	3.36 LPA
12	KARTHIKEYAN V	TCS NINJA	3.36 LPA
13	KALAIARASI G	TCS NINJA	3.36 LPA
14	CHANDRU J	SRINSOFT	3 LPA
15	DANOUSH KUMARAN N	SRINSOFT	3 LPA
16	DHARMESH M	SRINSOFT	3 LPA
17	HARI PRASANNA M	SRINSOFT	3 LPA
18	KALAIARASI G	SRINSOFT	3 LPA
19	KAMARAJ K	SRINSOFT	3 LPA
20	MOHANRAJ M	SRINSOFT	3 LPA
21	SAKTHIVENTHAN V S	SRINSOFT	3 LPA
22	AAKASH T	PYUNG HWA INDUSTRIAL CO., LTD	3.57 LPA
23	ASHWINKUMAR S	PYUNG HWA INDUSTRIAL CO., LTD	3.57 LPA
24	BASKARAN S	PYUNG HWA INDUSTRIAL CO., LTD	3.57 LPA
25	HARI HARA PRASAD S	PYUNG HWA INDUSTRIAL CO., LTD	3.57 LPA
26	HARIGARAN E	PYUNG HWA INDUSTRIAL CO., LTD	3.57 LPA
27	HEMANTH KUMAAR J	PYUNG HWA INDUSTRIAL CO., LTD	3.57 LPA
28	KRISHNARAJ B	PYUNG HWA INDUSTRIAL CO., LTD	3.57 LPA
29	LEON RAJ F	PYUNG HWA INDUSTRIAL CO., LTD	3.57 LPA
30	SOORIYA S	PYUNG HWA INDUSTRIAL CO., LTD	3.57 LPA
31	SRIRAM R	PYUNG HWA INDUSTRIAL CO., LTD	3.57 LPA
32	SRIRAM S	PYUNG HWA INDUSTRIAL CO., LTD	3.57 LPA
33	SYED WAHID F	PYUNG HWA INDUSTRIAL CO., LTD	3.57 LPA
34	THAMIZHARASAN V	PYUNG HWA INDUSTRIAL CO., LTD	3.57 LPA
35	VIDHUSHAN G	PYUNG HWA INDUSTRIAL CO., LTD	3.57 LPA
36	YOKESH M	PYUNG HWA INDUSTRIAL CO., LTD	3.57 LPA
37	ASHWINKUMAR S	AVALON TECHNOLOGIES	3 LPA
38	BARANIDHARAN M	AVALON TECHNOLOGIES	3 LPA
39	CHANDRU J	AVALON TECHNOLOGIES	3 LPA
40	DHANUSHRAJ V	AVALON TECHNOLOGIES	3 LPA
41	NANTHAKUMARAN V	AVALON TECHNOLOGIES	3 LPA





42	NARESH KUMAR S	AVALON TECHNOLOGIES	3 LPA
43	PRAVIN RAJ J S	AVALON TECHNOLOGIES	3 LPA
44	BARANIDHARAN M	Yuzhan Technology (India) Pvt Ltd	2.64 LPA
45	SRIRAM S	Yuzhan Technology (India) Pvt Ltd	2.64 LPA
46	CHANDRU S	Yuzhan Technology (India) Pvt Ltd	2.64 LPA
47	BALAJI K	Yuzhan Technology (India) Pvt Ltd	2.64 LPA
48	JAYANDAN M	Yuzhan Technology (India) Pvt Ltd	2.64 LPA
49	DHINESH RAJ S	EMR Tap Changers Pvt Ltd	2.69 LPA
50	AAKASH J	TENNECO AUTOMOTIVE	2.27 LPA
51	AANANTHA RUBAN C	TENNECO AUTOMOTIVE	2.27 LPA
52	CHANDRAKANTH R	TENNECO AUTOMOTIVE	2.27 LPA
53	DHINESH G	TENNECO AUTOMOTIVE	2.27 LPA
54	JONESHVAREN R G	TENNECO AUTOMOTIVE	2.27 LPA
55	KATHIRUKUMAR M	TENNECO AUTOMOTIVE	2.27 LPA
56	MOHAMED DANVEER	TENNECO AUTOMOTIVE	2.27 LPA
57	NARENDHIRAN	TENNECO AUTOMOTIVE	2.27 LPA
58	PUSHPARAJ K	TENNECO AUTOMOTIVE	2.27 LPA
59	ROHITHKUMAR V	TENNECO AUTOMOTIVE	2.27 LPA
60	SATHESHKUMAR P	TENNECO AUTOMOTIVE	2.27 LPA
61	SAKTHIVENTHAN V S	TENNECO AUTOMOTIVE	2.27 LPA
62	SUBASH P	TENNECO AUTOMOTIVE	2.27 LPA
63	AFRID M I	DELPHI TVS	2.22 LPA
64	CHANDRU J	DELPHI TVS	2.22 LPA
65	DHARMESH M	DELPHI TVS	2.22 LPA
66	KAMARAJ K	DELPHI TVS	2.22 LPA
67	KRISHNA KUMAR S	DELPHI TVS	2.22 LPA
68	MUTHUKUMARAN G	DELPHI TVS	2.22 LPA
69	NAVANITH K K	DELPHI TVS	2.22 LPA
70	SARVESH K	DELPHI TVS	2.22 LPA
71	KEERTHANA N	INTEGRA SOFTWARE SERVICES PVT.LTD	2.15 LPA
72	SAI HARINI V	INTEGRA SOFTWARE SERVICES PVT.LTD	2.15 LPA
73	VAISHNAVI R	INTEGRA SOFTWARE SERVICES PVT.LTD	2.15 LPA
74	SIVARANJANI K	INTEGRA SOFTWARE SERVICES PVT.LTD	2.15 LPA
75	BHUVANESSH A	Eaton Power Quality Pvt Ltd	2.4 LPA
76	DHIVAGAR R	Eaton Power Quality Pvt Ltd	2.4 LPA
77	VIGNESH R	Eaton Power Quality Pvt Ltd	2.4 LPA
78	SHRI RAMAKRISHNAN S	Eaton Power Quality Pvt Ltd	2.4 LPA
79	KOLLU RAMESWARA RAO	Dabico Airport solution India Pvt LTd	2.57 LPA
80	PRAVEENKUMAR V	Violin technology private limited	2.32 LPA
81	RAGUL R	Violin technology private limited	2.32 LPA
82	ROHITHKUMAR V	Violin technology private limited	2.32 LPA

## 7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	Kailash S G	Crescent Institute of Science & Technology	MBA
2	Joneshvaren R G	Crescent Institute of Science & Technology	MBA
3	John Pandian I	AMET University	Graduate Marine Engineering
4	Sivaranjani K	University of Chester	MS (Logistics and Supply Chain MGT)





5	Baskaran S	Pondicherry University	M.Tech
6	Gugan C	Hindustan Institute of Maritime Training	Graduate Marine Engineering
7	Harigaran E	Paris Business School	M.Sc
8	Sriram R	Pondicherry University	M.Tech
9	Hari Hara Prasad S	National Power Training Institute	PGDC

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**

**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	"Workshop on Finite Element Analysis Practices with Case Studies"	Dr.A.Thiagarajan R&D Lab	30.12.2024	State	90

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	Name of the Event	State/ National/ International level	Date of Event	Name of Award
1	Oviya R S	3 <sup>rd</sup> Annual Vascco People's Choice Award 2024	State	15/06/2024	Stunt Star Woman Award
2	Yuvaraj K	SYMMETRO-2 2025 Saveetha Institute of Medical and Technical Sciences, Thandalam	National	04/07/2025	Participated
3	Baranidharan M	India Design Week 2024, ICTACADEMY, Sriram Institutions, Chennai.	National	26/07/2024	Best Sustainable Design
4	Baranidharan M	India Design Week 2024, ICTACADEMY, Sriram Institutions, Chennai.	National	25/07/2024 to 26/07/2024	Participated
5	Sanjay.B.S	IOT Automation using Raspberry Pi and Node-Red Workshop, IIT Madras Research Park	National	27/07/2024	Participation Certificate



6	Sri Nivas .M	IOT Automation using Raspberry Pi and Node-Red Workshop, IIT Madras Research Park	National	27/07/2024	Participation Certificate
7	Vignesh.M	Drafrix IMPULZ – 2K24, St. Joseph's Institute of Technology, Chennai	National	31/08/2024	Third Prize
8	Karthikeyan R	Design contest, St. Joseph Institute of Technology College, Chennai.	National	01/09/2024	First Prize
9	Vignesh M	Design contest, St. Joseph Institute of Technology College, Chennai.	National	01/09/2024	Third prize
10	Manish N	Teakwondo Championship 2024	National	08/09/2024 to 10/09/2024	Bronze Medal
11	Gounalen S Shakteeaswaran V	MECHAVEVERSE 2024, Sri Sairam Engineering College, Chennai	National	18/09/2024	First Prize
12	Harini K	MECHAVEVERSE 2024, Sri Sairam Engineering College, Chennai	National	18/09/2024	Second Prize
13	Manish N	2 <sup>nd</sup> State Floor Curling Championship - 2024	State	21/09/2024 to 22/09/2024	Silver Medal
14	Baranidharan M	Innovation, Design and Entrepreneurship (IDE) Bootcamp, SRM-IST, Tiruchirappalli AICTE & MIC	National	23/09/2024 to 27/09/2024	Participated
15	Manish N	3 <sup>rd</sup> National Floor Curling Championship - 2024	National	02/10/2024 to 05/10/2024	Silver Medal
16	Moorthyprakash S	Water Rocketry, MECHANGERZ'24 Achariya College of Engineering Technology, Puducherry	National	04/10/2024	Second Prize
17	Adhithan R	BGMI, MECHANGERZ'24 Achariya College of Engineering Technology, Puducherry	National	04/10/2024	Second Prize
18	Darrin Pedro Julian Lobo	Paper Presentation, MECHANGERZ'24 Achariya College of Engineering Technology, Puducherry	National	04/10/2024	Second Prize
19	Darrin Pedro Julian Lobo	CAD WAR, MECHANGERZ'24 Achariya College of Engineering Technology, Puducherry	National	04/10/2024	Third Prize





20	Dheenadhayalan T	MECHANGERZ'24 Acharya College of Engineering Technology, Puducherry	National	04/10/2024	Participated
21	Sai Vijay S	MECHANGERZ'24 Acharya College of Engineering Technology, Puducherry	National	04/10/2024	Participated
22	Yuvaraj K	MECHANGERZ'24 Acharya College of Engineering Technology, Puducherry	National	04/10/2024	Participated
23	Manish N	Inter-Collegiate Taekwondo Tournament	Inter-College	23/10/2024	Bronze Medal
24	Sri Nivas .M	One Day Workshop on UAV Engineering	State	05/11/2024	Completion Certificate
25	Harini K	International Design Competition '24 CADD CENTRE	International	06/11/2024	Participated
26	Narmadha G	International Design Competition '24 CADD CENTRE	International	06/11/2024	Participated
27	Oviya R S	Stunt Warfare Indian National Stunt Championship 2024 Sanctity Ferme, Schoolgiri, New Bengaluru	National	09/11/2024 to 10/11/2024	First Prize
28	Darrin Pedro Julian Lobo	IOT Automation using Raspberrry Pi and Node- Red Workshop, IIT Madras Research Park	National	23/11/2024	Participated
29	Baranidharan M	Workshop on ISRO's Earth Observation Data Hub – Bhoonidhi,	National	10/12/2024	Participated
30	Vignesh.M	Smart India Hackathon 2024	National	11/12/2024 to 15/12/2024	Participation Certificate
31	Manish N	Puducherry 6 <sup>th</sup> State Wrestling Championship – 2024	State	24/12/2024 to 25/12/2024	Gold Medal

**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.Thiagarajan	Faculty Advisor-ASM International



### 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.Thiagarajan	IEEE INCOWOCO 2025- <b>Editorial Board</b> International Journal of Technology & Emerging Research- <b>Reviewer</b> .

### 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.Velmurugan	➤ Excellence in Leadership Award 2024 ➤ International Academic Excellence Award 2024 ➤ winner of Idea Lab Tech Fest 2025
2	Dr.T.Coumaressin	➤ Distinguished Teaching Award 2025
3	Dr.A.Thiagarajan	➤ IEEE-Editorial Board Member
4	Dr.L.Martin	➤ winner of Idea Lab Tech Fest 2025 ➤ Resource person-Guest Lecture Annamalai University 2025
5	Dr.D.Karunakaran	➤ Resource Person-IEI Seminar 2025
6	Dr.D.Karunakaran	➤ NPTEL 30+ WITH BEST MENTOR Award
7	Dr.D.Karunakaran	➤ Best Nodal Officer Award (Colleges)

### 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	Mr. Ganesh Kumar A.G	Effective Engineering Teaching in Practice	SWAYAM/NPTEL	4 weeks
2	Mr. Ganesh Kumar A.G	NBA Accreditation and Teaching – Learning in Engineering (NATE)	SWAYAM/NPTEL	12 weeks
3	Dr.D.Karunakaran	Strategies for Sustainable Design	SWAYAM/NPTEL	12 weeks
4	Dr.D.Karunakaran	Finite Element Modeling of Welding Processes	SWAYAM/NPTEL	12 weeks
5	Mr. A. Giriprasath	Automation in Manufacturing	SWAYAM/NPTEL	12 weeks
6	Dr. Arivalagar A A	Sustainable Energy Concept and Life Cycle Analysis	SWAYAM/NPTEL	8 weeks
7	Dr. Arivalagar A A	Teaching and Learning in Engineering (TALE)	SWAYAM/NPTEL	4 weeks
8	Dr. Arivalagar A A	Effective Engineering Teaching In Practice	SWAYAM/NPTEL	4 weeks
9	Dr.D.Karunakaran	Welding in the Digital Age: Emerging Trends and Advanced Technologies	Kongunadu College of Engg &Tech	5 Days
10	Dr.D.Karunakaran	Strategies for Sustainable Design	FDPs NPTEL	12 weeks
11	Mr.K.Ashok.Kumar	Innovative Applications of AI, ML and IoT in Engineering: Trends and Future Perspectives	Siddhartha Academy of Higher Education.	5 Days
12	Dr.T.Coumaressin	Innovative Applications of AI, ML and IoT in Engineering: Trends and Future Perspectives	Siddhartha Academy of Higher Education.	5 Days
13	Mr.G.Harish	Innovative Applications of AI, ML and IoT in Engineering: Trends and Future Perspectives	Siddhartha Academy of Higher Education.	5 Days
14	Mr. K. Vinoth Kumar	Innovative Applications of AI, ML and IoT in Engineering: Trends and Future Perspectives	Siddhartha Academy of Higher Education.	5 Days
15	Mr. P. Kalaimaran	Innovative Applications of AI, ML and IoT in Engineering: Trends and Future Perspectives	Siddhartha Academy of Higher Education.	5 Days





16	Mr. M. Gunasekar	Innovative Applications of AI, ML and IoT in Engineering: Trends and Future Perspectives	Siddhartha Academy of Higher Education.	5 Days
17	Mr. R. Hemanth Kumar	Innovative Applications of AI, ML and IoT in Engineering: Trends and Future Perspectives	Siddhartha Academy of Higher Education.	5 Days
18	Mr. R. Manikandan	Innovative Applications of AI, ML and IoT in Engineering: Trends and Future Perspectives	Siddhartha Academy of Higher Education.	5 Days
19	Mr. Navanitha Krishnan	Innovative Applications of AI, ML and IoT in Engineering: Trends and Future Perspectives	Siddhartha Academy of Higher Education.	5 Days
20	Mr. S. Saravanan	Innovative Applications of AI, ML and IoT in Engineering: Trends and Future Perspectives	Siddhartha Academy of Higher Education.	5 Days
21	Dr. A.Thiagarajan	Exploring the Research in Mechanical Engineering for Sustainable growth	KLN College of Engineering	5 Days
22	Dr. A.G. Ganesh Kumar	Exploring the Research in Mechanical Engineering for Sustainable growth	KLN College of Engineering	5 Days
23	Dr. G. G. Sozhamannan	Exploring the Research in Mechanical Engineering for Sustainable growth	KLN College of Engineering	5 Days
24	Dr. K. Hemalatha	Exploring the Research in Mechanical Engineering for Sustainable growth	KLN College of Engineering	5 Days
25	Dr. L. Martin	Exploring the Research in Mechanical Engineering for Sustainable growth	KLN College of Engineering	5 Days
26	Dr. E. Manikandan	Exploring the Research in Mechanical Engineering for Sustainable growth	KLN College of Engineering	5 Days
27	Dr. S. Jayabharathy	Exploring the Research in Mechanical Engineering for Sustainable growth	KLN College of Engineering	5 Days
28	Dr.P.Jayakumar	Fusion Fundamentals CAM	ICT Academy	4 Days

#### 9.6 Best Practices followed by the Department.

S.No	Best Practice	Description
1	ICT enabled teaching learning	Classrooms with Projector facility
2	Hands-On Training	Conducting hands-on training by industry experts.
3	Club Activities	Conducting programs through department Clubs and Professional bodies.
4	Mentor-Mentee system	Following Mentor-Mentee system for the guidance of the student
5	Teachers participation in faculty development	Teachers gain knowledge about the recent technologies
7	Contribution of alumni for students development	Conducting guest-lectures, mock interview by Alumni
8	Celebration of important days	Celebrating important days like Women's day, Engineer's day, etc

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

S.No	Name of the Alumni	Contact Details
1	Kalaiselvan Baskaran Senior Engineer, Adani airports Ltd. Mumbai	Contact number: +91-887-000-5840 email id.: kalaiselvan2002@gmail.com
2	S. Vigneshwaran Design Engineer, Sidvin crore tech Pvt Ltd, yeshwantpur, Bangalore.	Contact number.7448533678 email id.: vickey1424@gmail.com
3	S. Priyadharsan Supply Chain Analyst NCR Corporation India Pvt. Ltd	Contact number : 6382740089 email id : priyadharsan512002@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

*[Signature]*

Head of the Department

### Recommendations:

Criteria	Remarks
Curricular Aspects	<i>Comp</i>
Teaching, Learning and Evaluation	<i>Industry supported courses to be included.</i>
Structured Feedback	<i>—</i>
Research, Innovation and Publications	<i>—</i>
Collaborations and Linkages	<i>—</i>
Student Progression	<i>Average salary package may be improved</i>
Activity Conducted / Organized by the Department	<i>—</i>
Achievements	<i>—</i>
General Remarks	<i>—</i>

*[Signature]*  
Name and Signature

Dr.S.Pougajendy,

Professor, MBA

(Affiliation of AAA Committee Member-1)

*[Signature]*  
Name and Signature

Dr.N.Thilagavath,

Professor, IT

(Affiliation of AAA Committee Member -2)





**SRI MANAKULA VINAYAGAR**  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



INTERNAL QUALITY ASSURANCE CELL

## **ACADEMIC AND ADMINISTRATIVE AUDIT**

**DEPARTMENT OF**  
**INSTRUMENTATION AND CONTROL ENGINEERING**



**ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC  
DEPARTMENTS**  
**Academic Year 2024-2025**  
**Internal Audit**

**SECTION -1: BASIC INFORMATION**

Audit Date	07.03.2025			
Name of the Department	Instrumentation and Control Engineering			
Year of Establishment	2002			
Head of the Department	Dr.L.M.Varalakshmi			
Programs Offered	Name of the Program		Approved Intake	
	B.Tech		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	10	6	10
Number of Technical Staff				
Number of Students	For UG -----: 185		For PG -----:-	
	Year	M	F	Total
	First Year	35	22	57
	Second Year	26	25	51
	Third Year	32	16	48
	Fourth Year	34	08	42
	Total			198
	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	B.Tech – Instrumentation and Control Engineering	R - 2023	02.09.2024





### Summary of changes in Curriculum/syllabus

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus
<ul style="list-style-type: none"> <li>• Certification courses</li> <li>• Open Elective</li> <li>• Employability Enhancement Courses - Skill Development courses</li> <li>• Mandatory courses</li> <li>• Internship</li> </ul>	<ul style="list-style-type: none"> <li>• Multi-disciplinary learning based curriculum</li> <li>• Students centric flexible curriculum</li> <li>• Theory cum Laboratory Courses</li> <li>• Ability enhancement Courses</li> <li>• Design thinking and IDEA Lab</li> <li>• Mandatory focusing on gender, environment and sustainability etc</li> <li>• Micro, Mini and Major Projects</li> </ul>

### 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
ODD 24				
1	IV/ VII	Power Plant Instrumentation	U20ICE716	42
2	III / V	Industrial Unit Operations	U20ICE510	47

### 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
ODD 24					
1	IV/ VII	AI&DS	Open Elective - IV Artificial Intelligence Applications	U20ADO706	42
2	III / V	MBA	Open Elective - II Product Development and Design	U20HSO501	52

### 2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
ODD 24				
1	III / V	Skill Development Course 4: Career and Professional Skill Development Program - I	U20ICS504	48
2	III / V	Skill Development Course 5: Presentation Skill using ICT	U20ICS505	48
3	II / III	Skill Enhancement Course I * Troubleshooting of Electronic Equipments	U23ICS301	50

### 2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
ODD 24				
1	III / V	Certification Course - V : Introduction to C++ Programming	U20ICC558	48
2	II / III	Certification Course - III IoT using Python	U23ICC352	50
3	I / I	Certification Course - I : Soft Skills, Verbal, Aptitude	U23ICC154	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
<b>ODD 24</b>				
1	IV / VII	Professional Ethics	U20ICM707	42
2	III / V	Indian Constitution	U20ICM505	47
3	II / III	Climate Change	U23ICM303	50
4	I / I	Induction Programme	U23ICM101	57

### 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
2	III / VI	Introduction To Internet of Things (NPTEL / SWAYAM)	-	10	10
3	II / IV, III / VI	Introduction to Industry 4.0 and Industrial Internet of Things (NPTEL / SWAYAM)	-	24	23

## SECTION –3: TEACHING, LEARNING AND EVALUATION

### 3.1 Course Delivery

#### ODD Semester

#### Year / Semester: IV Year / VII Semester - (2021-2025)

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	Power Plant Instrumentation /U20ICE716	Mr. J.Jeevanantham	45	45	45
4	Open Elective - IV Artificial Intelligence Applications / U20ADO706	Ms. Shiveswary	45	45	45
5	Business Basics for Entrepreneur /U20HSP703	Mr.T.Chandramohan	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 - (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	Numerical Methods / U20BST547	Mrs. D. Dheebia	60	60	70
2	Analytical Instrumentation / U20ICT510	Mrs. T. Sudha	45	45	45
3	Embedded System Design / U20ICT511	Ms. P. Kiruthika	45	54	49
4	Industrial Instrumentation - I / U20ICT512	Ms. C.MuthuPraba	45	45	45
5	Industrial Unit Operations /U20ICE510	Mr.W.Godfrey Daniel	45	45	45
6	Product Development and Design / U20HSO501	Dr.M.Rekha	45	45	45
7	Numerical Methods Lab / U20BSP549	Dr. A. Anandan	30	30	30
8	Embedded System Design Lab/U20ICP506	Ms. P. Kiruthika	30	30	30
9	Industrial Instrumentation Lab /U20ICP507	Dr. K. Naveenkumar Ms. C.MuthuPraba	30	30	30
10	Instrumentation System Design Lab/U20ICP508	Mr. J.Jeevanantham	30	30	30

**Year / Semester: II Year / III 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	Probability and Statistics / U23MATC03	Mrs. T. Kalaiselvi	60	60	70
2	Programming in Python / U23ADTC01	Mr. S. Sathiyapoobalan	45	45	54
3	Linear Integrated Circuits / U23ICTC01	Dr. D. Sivanandakumar	45	45	47
4	Digital Logic Circuits / U23ICTC02	Dr. L. M. Varalakshmi	45	45	49
5	Electrical and Electronic Instrumentation / U23ICT303	Ms. C. MuthuPraba	45	45	45
6	Circuit Theory / U23ICB301	Dr. K. NaveenKumar	45	45	45
7	General Proficiency – I / U23ENPC01	Ms.V.Subhavathi	30	30	30
8	Engineering Mathematics Laboratory / U23MAPC01	Mr. K. Gurusamy	30	30	30



9	Programming in Python Laboratory / U23ADPC01	Mr. S.Sathiyapoobalan	30	30	30
10	Linear and Digital Integrated Circuits Laboratory / U23ICPC01	Dr. D. Sivanandakumar	30	30	30

**Year / Semester: I Year / I 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	Engineering Mathematics - I(EM-1)/U23MATC01	Mrs. S. P. Lavanya	60	60	73
2	Physical Science for Engineers /U23BSC01	Ms. R. Lakshmisri(Physics) Ms Sivaranjani (Chemistry)	45	45	45
3	Basics of Civil and Mechanical Engineering /U23ESTC01	Dr. E. Manikandan ( Mechanical) Mrs. A. Kalyani(Civil)	45	45	53
4	Problem Solving Approach /U23CSTC02	Dr.S. Sathiyapoobalan	45	45	60
5	Fundamentals of Electrical Machines /U23ICT101	Dr. D. Sivanandakumar	45	45	49
6	Communicative English - I /U23ENBC01	Mrs. A.Gowsalya Devi	60	60	60
7	Design Thinking and IDEA Lab /U23ESPC02	Dr.L.Martin	30	30	30
8	Problem Solving Approach Laboratory /U23ICP101	Dr.S. Sathiyapoobalan	45	45	45
9	Fundamentals of Electrical Machines Laboratory /U23ICP102	Mr.J.Muruganandham	45	45	45

**3.2 Use of ICT Tools in Teaching Learning**

**Year / Semester: IV Year / VII Semester – (2021 – 2025)**

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, Chalk & Board
2	Mr.W.Godfrey Daniel	Process Automation / U20ICT718	PPT, Video, Chalk & Board
3	Mr. J.Jeevanantham	Power Plant Instrumentation /U20ICE716	PPT, Video, Chalk & Board
4	Ms. Shiveswary	Open Elective - IV Artificial Intelligence Applications / U20ADO706	PPT, Video, Chalk & Board





**Year / Semester : III Year / V Semester - (2022-2026)**

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs. D. Dheebia	Numerical Methods / U20BST547	PPT, Chalk & Board
2	Mrs. T. Sudha	Analytical Instrumentation / U20ICT510	PPT, Video, Chalk & Board
3	Ms. P. Kiruthika	Embedded System Design / U20ICT511	PPT, Video, Chalk & Board
4	Ms. C.MuthuPraba	Industrial Instrumentation - I / U20ICT512	PPT, Video, Chalk & Board
5	Mr.W.Godfrey Daniel	Industrial Unit Operations /U20ICE510	PPT, Video, Chalk & Board
6	Dr.M.Rekha	Product Development and Design / U20HSO501	PPT, Video, Chalk & Board

**Year / Semester: II Year / III Semester - (2023-2027)**

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, Video, Chalk & Board
2	Mr. S. Sathiyapoobalan	Programming in Python / U23ADTC01	PPT, Video, Chalk & Board
3	Dr. D. Sivanandakumar	Linear Integrated Circuits / U23ICTC01	PPT, Video, Chalk & Board
4	Dr. L. M. Varalakshmi	Digital Logic Circuits / U23ICTC02	PPT, Video, Chalk & Board
5	Ms. C. MuthuPraba	Electrical and Electronic Instrumentation / U23ICT303	PPT, Video, Chalk & Board
6	Dr. K. NaveenKumar	Circuit Theory / U23ICB301	PPT, Video, Chalk & Board

**Year / Semester: I Year / I Semester - (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	Engineering Mathematics - I /U23MATC01	PPT, Chalk & Board
2	Ms. R. Lakshmisri(Physics) Ms Sivaranjani.(Chemistry)	Physical Science for Engineers /U23BSTC01	PPT, Video,Chalk & Board
3	Dr. E. Manikandan(Mechanical) Mrs. A. Kalyani(Civil)	Basics of Civil and Mechanical Engineering /U23ESTC01	PPT, Video,Chalk & Board
4	Dr.S. Sathiyapoobalan	Problem Solving Approach /U23CSTC02	PPT, Video,Chalk & Board
5	Dr. D. Sivanandakumar	Fundamentals of Electrical Machines /U23ICT101	PPT, Video,Chalk & Board
6	Mrs. A.Gowsalya Devi	Communicative English - I /U23ENBC01	PPT, Video,Chalk & Board



### 3.3 List of Expert Lectures / Workshops Conducted

S. No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
<b>ODD 24</b>				
1	Awareness Session on Intellectual Property Rights (IPR)	Dr. S. Jayakumar	29/07/2024	III & IV-Year
2	Workshop on Internet of Things using TinkerCAD and Arduino UNO	Er. A. P. Prabakaran, Director, Venus Electronics	10/08/2024	III -Year
3	Workshop on Industrial Automation with IoT	Er. V. Sanjivee, CEO, Shazana Infotech	31/08/2024	III -Year
4	Seminar on Integrated Circuits in Instrumentation Applications	Er. V. Sanjivee, CEO, Shazana Infotech, Kumbakonam	19/09/2024,	II -Year
5	Seminar on Digital Twins	Dr. U. Noorul Hussain, Founder and CEO, Intrust Innovation Lab, Chennai	23/09/2024	Students from all Engineering Departments
6	Critical Thinking and Leadership	JC.HGF.Er. V. Vengadesan, Master Trainer, Election Department	28/09/2024	II -Year
6.	Guest Lecture on The Power of Logical Thinking	Ms. Nivethitha AP Member Technical Staff ZOH0 Corporation	08/03/2025	III -Year

### 3.4 Activities for Slow and Advanced Learners

#### ODD 24

Year / Semester: IV Year / VII Semester - (2021-2025)

S.No	Name of the Course / Code	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	04	Yes
3.	Power Plant Instrumentation /U20ICE716	Mr. J.Jeevanantham	Yes	00	Yes
4.	Open Elective - IV Artificial Intelligence Applications/ U20ADO706	Ms. Shiveswary	Yes	00	Yes





**Year / Semester: III Year / V Semester - (2022-2026)**

S.No	Name of the Course / Code	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	Numerical Methods/U20BST547	Mrs. D. Dheebia/ Mrs.R.ChandraPriya	Yes	07	Yes
2	Analytical Instrumentation/U20ICT510	Mrs. T. Sudha	Yes	00	Yes
3	Embedded System Design/U20ICT511	Mrs. P. Kiruthika	Yes	03	Yes
4	Industrial Instrumentation – I/U20ICT512	Ms. C.MuthuPraba	Yes	01	Yes
5	Professional Elective - II Industrial Unit Operations/U20ICE510	Mr.W.Godfrey Daniel	Yes	00	Yes
6	Open Elective - II Product Development and Design/U20HSO501	Dr.M.Rekha	Yes	00	Yes

**Year / Semester: II Year / III Semester - (2023-2027)**

S.No	Name of the Course / Code	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	09	Yes
2	Programming in Python/U23ADTC01	Mr. S. Sathiyapoobalan	Yes	06	Yes
3	Linear Integrated Circuits/U23ICTC01	Dr. D. Sivanandakumar	Yes	00	Yes
4	Digital Logic Circuits/U23ICTC02	Dr. L. M. Varalakshmi	Yes	04	Yes
5	Electrical and Electronic Instrumentation/U23ICT303	Ms. C.MuthuPraba	Yes	05	Yes
6	Circuit Theory/U23ICB301	Dr. K. NaveenKumar	Yes	03	Yes

**Year / Semester: I Year / I Semester - (2024-2028)**

S.No	Name of the Course / Code	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.S.P. Lavanya	Yes	11	Yes
2	Physical Science for Engineers /U23BSTC01	Ms.R.Lakshmisri(Physics) Ms.Sivaranjini (Chemistry)	Yes	04	Yes
3	Basics of Civil and Mechanical Engineering /U23ESTC01	Dr.E.Manikandan(mechanical) Mrs.A.Kalyani(civil)	Yes	00	Yes
4	Problem Solving Approach /U23CSTC02	Mr. S. Sathiyapoobalan	Yes	09	Yes
5	Fundamentals of Electrical Machines /U23ICT101	Dr. D. Sivanandakumar	Yes	03	Yes
6	Communicative English - I /U23ENBC01	Mr. John Bosco	Yes	00	Yes



### 3.5 Counseling and Mentoring

No. of Students in Department		Number of Mentors in the Department	Mentor: Mentee Ratio
198		13	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 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	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

S. No	Particular	UG	PG
1	Number of Students appeared	57	-
2	Number of All Clear Students	47	-
3	Number of Students passed with Distinction	03	-
4	Number of Students passed with First Class	33	-
5	Number of Students passed with Second Class	11	-
6	Number of Students Failed	10	-
7	Passing Percentage	82	-





**Semester-III**

S. No	Particular	UG	PG
1	Number of Students appeared	50	-
2	Number of All Clear Students	41	-
3	Number of Students passed with Distinction	04	-
4	Number of Students passed with First Class	26	-
5	Number of Students passed with Second Class	11	-
6	Number of Students Failed	9	-
7	Passing Percentage	82	-

**Semester-V**

S. No	Particular	UG	PG
1	Number of Students appeared	47	-
2	Number of All Clear Students	43	-
3	Number of Students passed with Distinction	13	-
4	Number of Students passed with First Class	26	-
5	Number of Students passed with Second Class	04	-
6	Number of Students Failed	04	-
7	Passing Percentage	91	-

**Semester-VII**

S. No	Particular	UG	PG
1	Number of Students appeared	42	-
2	Number of All Clear Students	41	-
3	Number of Students passed with Distinction	26	-
4	Number of Students passed with First Class	15	-
5	Number of Students passed with Second Class	NIL	-
6	Number of Students Failed	01	-
7	Passing Percentage	98	-

**3.9 Student Performance of Outgoing Students**

S. 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	24	-
4	Number of students completed the program with backlogs	18	-



**Publication Details for Academic Year consider for Auditing**

Number of Publications in National Journals	
Number of Publications in International Journals	05
Number of Publications in National Conferences	
Number of Publications in International Conferences	01
Number of Books / Book Chapters	01
Number of Patents (Filed)	-
Number of Patents Granted	0
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.	Development of prototype model of vertical farm with and without soil	Muthu Praba C, Godfrey Daniel W, Saravanan KK	Muk Shabd Journal	Volume XIII, Issue X, OCT/2024	UGC
4	Digital twin and mixed reality-based process control for boiler application	D. SivanandakumarS. Karthikeyan, R. Deepak, K. Vignesh, S. Karthikeyan, R. Vimalraj	International journal of progressive research in engineering management and science	Vol. 04, Issue 12, 2025, pp:1545-1552	Google
5	A smart band voice based text to braile conversion for visually impaired people	W. Godfrey Daniel, T. Naresh	Meeran Journal	OCT/ 2024 (ISSN NO: 2455-6033) VOLUME 24	UGC
8	Student Tracking System in College Bus Using Face Recognition and IOT	Dr. Sathiyapoobalan Harishwaran M Hemachandran V Irfan MS Gokul sri S	International journal of Advanced scientific and Technical Research	Vol 1, issue 15, 2025/ 2249-9954	UGC
10	Power Generation Using Thermoelectric Generator Integrated with Solar Radiation Monitoring with IOT	MS. C. Muthupraba R.G. Sanjaikumar C. Balachandar N. Ragurajan D. Viswa	International Journal of Advanced Scientific and Technical Research	Vol 1, issue 15, 2025/ 2249-9954	UGC

**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	Amplitude Excitation Analysis of Uniform and Nonuniform	Dr.L.M.Varalakshmi	First International Conference on Innovations in Communications, Electrical and Computer Engineering	24 – 25, October 2024	979-8-3503-7652-4	IEEE Xplore





### 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	195	
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	24	
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
1	Dr. K. Naveenkumar	Next Generation Technologies and Research Horizons in Medical Instrumentation	ANRF	0.84	2 days 21.08.2025 to 22.08.2025

#### 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	2024-2025	16	01	325	9	2.5
2	2023-2024	02	01	298	8	
3	2022-2023	13	05	122	15	2.8
4	2021-2022	15	11	115	14	-



Structured Microstrip Patch Antenna for High Frequency ISM Band at 24 GHz for Surveillance Applications		(ICICEC 2024)			
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**Books / Book Chapters**

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Harmony Wave: Exploring Smart Music Therapy through IOT, AI and Fuzzy Logic	T.Sudha, P. Raja, V. Bharathi	DOI:10.4018/979-8-3693-6552-6.ch009	IGI Global

**Design Patent**

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

**Patent**

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

**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	Abisheik R	Benlab No.1,Kalathumettu Street, Thirubhuvanai, Puducherry 605107	5 days	13.06.2024	17.06.2024
2	Dharan S	Benlab No.1,Kalathumettu Street, Thirubhuvanai, Puducherry 605107	5 days	13.06.2024	17.06.2024
3	Irfan M S	Benlab No.1,Kalathumettu Street, Thirubhuvanai, Puducherry 605107	5 days	13.06.2024	17.06.2024
4	Hemachandran V	Benlab No.1,Kalathumettu Street, Thirubhuvanai, Puducherry 605107	5 days	13.06.2024	17.06.2024
5	Logesh D	Benlab No.1,Kalathumettu Street, Thirubhuvanai, Puducherry 605107	5 days	13.06.2024	17.06.2024
6	Ravindaran N	G Asian Paint(India LTD), Penta devision ,B5- B10,SIPCOT Industrial Estate,Kudikadu,Cuddalore, 607 005	5 days	19.06.2024	23.06.2024





7	Senguttuvan A	G Asian Paint(India LTD), Penta devision ,B5- B10,SIPCOT Industrial Estate,Kudikadu,Cuddalore, 607 005	5 days	19.06.2024	23.06.2024
8	Balakumaran M	G Asian Paint(India LTD), Penta devision ,B5- B10,SIPCOT Industrial Estate,Kudikadu,Cuddalore, 607 005	5 days	19.06.2024	23.06.2024
9	Anas S	G Asian Paint(India LTD), Penta devision ,B5- B10,SIPCOT Industrial Estate,Kudikadu,Cuddalore, 607 005	5 days	19.06.2024	23.06.2024
10	Sanjai kumar R	G Asian Paint(India LTD), Penta devision ,B5- B10,SIPCOT Industrial Estate,Kudikadu,Cuddalore, 607 005	5 days	19.06.2024	23.06.2024
11	Deepak Kumar R	Chemfab Alkalis Ltd 2VG6+H32, Gnanananda Place, E Coast Main Rd, Kalapet, Chinna Kalapet, Puducherry, 605014	6 days	19.06.2024	24.06.2024
12	Toshikka G	NILKAMAL LTD. No.19/3, Pathukannu Road, Olaivaikkal Village Villianur, Pondicherry, Tamilnadu, India- 605110	6 days	21.06.2024	26.06.2024
13	Sarumathy N	NILKAMAL LTD. No.19/3, Pathukannu Road, Olaivaikkal Village Villianur, Pondicherry, Tamilnadu, India- 605110	6 days	21.06.2024	26.06.2024
14	Prisha A	NILKAMAL LTD. No.19/3, Pathukannu Road, Olaivaikkal Village Villianur, Pondicherry, Tamilnadu, India- 605110	6 days	21.06.2024	26.06.2024
15	Durga S	NILKAMAL LTD. No.19/3, Pathukannu Road, Olaivaikkal Village Villianur, Pondicherry, Tamilnadu, India- 605110	6 days	21.06.2024	26.06.2024
16	Gokul Sri S	Benlab No.1,Kalathumettu Street, Thirubhuvanai, Puducherry 605107	6 days	26.06.2024	01.07.2024
17	Harishwaran M	Benlab No.1,Kalathumettu Street, Thirubhuvanai, Puducherry 605107	6 days	26.06.2024	01.07.2024
18	Dhanush kumar M	Benlab No.1,Kalathumettu Street, Thirubhuvanai, Puducherry 605107	6 days	26.06.2024	01.07.2024
19	Viswa D	Benlab No.1,Kalathumettu Street, Thirubhuvanai, Puducherry 605107	6 days	26.06.2024	01.07.2024
20	Rogith A	Benlab No.1,Kalathumettu Street, Thirubhuvanai, Puducherry 605107	6 days	26.06.2024	01.07.2024
21	Mohan ram S	SWASHTHIK PREFORMS PVT LTD Thirubhuvanai, Puducherry 605107	6 days	26.06.2024	01.07.2024
22	Ragurajan N	SWASHTHIK PREFORMS PVT LTD Thirubhuvanai, Puducherry 605107	6 days	26.06.2024	01.07.2024
23	Amrish P	SWASHTHIK PREFORMS PVT LTD Thirubhuvanai, Puducherry 605107	6 days	26.06.2024	01.07.2024
24	Sushanth M	SWASHTHIK PREFORMS PVT LTD Thirubhuvanai, Puducherry 605107	6 days	26.06.2024	01.07.2024
25	Ajai P	SWASHTHIK PREFORMS PVT LTD Thirubhuvanai, Puducherry 605107	6 days	26.06.2024	01.07.2024
26	Yokesh U	SWASHTHIK PREFORMS PVT LTD Thirubhuvanai, Puducherry 605107	6 days	26.06.2024	01.07.2024
27	Jeganathan R	SWASHTHIK PREFORMS PVT LTD Thirubhuvanai, Puducherry 605107	6 days	26.06.2024	01.07.2024
28	Atchaya S	Chemin C&I Private Limited C102 to 106, 110 to 114, 17th Cross Rd, Pipdic Industrial Estate, Mettupalayam, Puducherry, 605009	6 days	26.06.2024	01.07.2024



29	Devadharshini S	Chemin C&I Private Limited C102 to 106, 110 to 114, 17th Cross Rd, Pipdic Industrial Estate, Mettupalayam, Puducherry, 605009	6 days	26.06.2024	01.07.2024
30	Kamali D	Chemin C&I Private Limited C102 to 106, 110 to 114, 17th Cross Rd, Pipdic Industrial Estate, Mettupalayam, Puducherry, 605009	6 days	26.06.2024	01.07.2024
31	Kalyani V	Chemin C&I Private Limited C102 to 106, 110 to 114, 17th Cross Rd, Pipdic Industrial Estate, Mettupalayam, Puducherry, 605009	6 days	26.06.2024	01.07.2024
32	Kulaththazhaki S	Chemin C&I Private Limited C102 to 106, 110 to 114, 17th Cross Rd, Pipdic Industrial Estate, Mettupalayam, Puducherry, 605009	6 days	26.06.2024	01.07.2024
33	Rathika M	Chemin C&I Private Limited C102 to 106, 110 to 114, 17th Cross Rd, Pipdic Industrial Estate, Mettupalayam, Puducherry, 605009	6 days	26.06.2024	01.07.2024
34	Vennila P	Chemin C&I Private Limited C102 to 106, 110 to 114, 17th Cross Rd, Pipdic Industrial Estate, Mettupalayam, Puducherry, 605009	6 days	26.06.2024	01.07.2024

## 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	Ponlait Dairy Plant, Pondicherry	09.10.2024	I Year/ I Sem	57

## 6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	TVS LUCAS	27 <sup>th</sup> December 2024	Internship and Job Opportunities	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 CALIBRATIONS	2.2L
21	Dharan S	EQUATION CALIBRATIONS	2.2L
22	Senguttuvan A	EQUATION CALIBRATIONS	2.2L
23	Yokesh U	BENLAB CALIBRATIONS	2.0L
24	Hemachandran V	BENLAB CALIBRATIONS	2.0L
25	Durga S	BENLAB CALIBRATIONS	2.0L
26	Sarumathy N	BENLAB CALIBRATIONS	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	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	Barathi	MIT, Puducherry	M.Tech
2	Gugan	Pondicherry Technological University	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.	Awareness Session on Intellectual Property Rights (IPR)	IEI Professional Chapter	29/07/2024	State	85
2.	Workshop on Internet of Things using TinkerCAD and Arduino UNO	IEI Professional Chapter	10/08/2024	State	42
3.	Workshop on Industrial Automation with IoT	ICE	31/08/2024	State	91
4	Seminar on Integrated Circuits in Instrumentation Applications	ICE	19/09/2024,	State	31
5	Seminar on Digital Twins	ICE	23/09/2024	State	42
6	Critical Thinking and Leadership	ICE	28/09/2024	State	73

### 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
1	Atchaya S	Paper Presentation	Sai Ram Institute of Technology	2nd Prize
2	Hariprabu	Technical Quiz	Velammal Engineering College	2nd Prize (□750)
3	Dhanushgandh	Technical Quiz	Velammal Engineering College	2nd Prize (□750)
4	Navdeep	Technical Quiz	Velammal Engineering College	2nd Prize (□750)
5	Nisha	Bug Quest	Dr. MGR University, Chennai	Cash Prize (□1000)
6	Zumaana Haseen	Bug Quest	Dr. MGR University, Chennai	Cash Prize (□1000)
7	Valli Nachiar K.	CETA (Website Development)	University College of Engineering, Tindivanam	2nd Place (□750)
8	Varunisha M.	CETA (Website Development)	University College of Engineering, Tindivanam	2nd Place (□750)
9	Subhiksha R.	CETA (Website Development)	University College of Engineering, Tindivanam	2nd Place (□750)





10	Tamilmaran A	ARK Empowering Lives (MATLAB Program)	Sri Manakula Vinayagar Engineering College	1st Prize
11	Hariprabu U	ARK Empowering Lives (MATLAB Program)	Sri Manakula Vinayagar Engineering College	3rd 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
1	Mrs.T.Sudha	Indian Society for Technical Education
2	Mrs.T.Sudha	Instrumentation society of India
3	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	C. Muthu Praba	International Association of Engineers (IAENG)
8	Dr.M.Rekha	Instrumentation society of India

**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.Sudha	Elsevier Reviewers

**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.M.Rekha	Top performing mentor- NPTEL
2	Mrs. T. Sudha	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.	Mrs.T.Sudha	OBE & NEP 2020	Internal Quality Assurance Cell (IQAC), PBR VITS, Kavali and VIT-AP University, Amaravathi.	5 days
		Exploring New Frontiers in Teaching Tools, AI and Data Analytics	MEASI Institute of Information Technology, Royapettah, Chennai	5 days
		Scientific Writing and Ethics in Enhancing Publication (SWEET) Success	Pondicherry University	1 day
		Empowering Innovations through Comprehensive Approaches to Research & Development	The Institution of Engineers (India) – Solapur Local Center.	6 Days
		UHV-II	All India Council for Technical Education (AICTE)	6 days
		Cutting-Edge Technologies in Computer Science	Easwari Engineering College (Autonomous) Affiliated to Anna University, Ramapuram, Chennai	6 Days



		Recent Advances and Trends of Cyber-Physical Systems in Health Care	Dr. M.G.R. Educational and Research Institute	6 Days
		AI-Driven Network Security: Advanced Techniques for Intrusion	Rajalakshmi Engineering College	6 days
		Cutting-Edge Insights into Artificial Intelligence and Its Applications	Easwari Engineering College, Chennai	6 days
2	Dr. M. Rekha	Introduction to Industrial IoT 4.0	NPTEL	12 Weeks
4	Dr.D. Sivanandakumar	Cutting-Edge Insights into Artificial Intelligence and Its Applications	ATAL sponsored organized by the Easwari Engineering College, Chennai	6 days
		Quantum Computing and its Applications	ATAL sponsored organized by the Department of Information Science & Engineering, Global Academy of Technology, Bengaluru	6 Days
5	Dr. K. Naveenkumar	Quantum Computational Calculations using Gaussian Software	EGS Pillay Engineering College, Nagapattinam	2 Day
		Recent Advances and Challenges in E-Mobility	EGS Pillay Engineering College, Nagapattinam	8 Days
7	W. Godfrey Daniel	AICTE Training and Learning (ATAL) Academy	AICTE (ATAL)	5 Days
		A step by Step Guide to Write a Good Research Paper	Research Foundation of India	5 Days
8	Ms.C.Muthu Praba	AICTE Training and Learning (ATAL) Academy	AICTE (ATAL)	5 Days
		A step by Step Guide to Write a Good Research Paper	Research Foundation of India	5 Days
9.	Mr.Sathya Poobalon	Advanced Data Science and NLP: Elevate your Research and H-Index (AICTE ATAL FDP)	SRM Valliammai Engineering College	6 Days
		The Joy of Computing Using Python (NPTEL-AICTE FDP)	NPTEL, IIT Madras	12 Weeks
		Python for Data Science (NPTEL-AICTE FDP)	NPTEL, IIT Madras	8 Weeks
		Security Trends in Artificial Intelligence (FDP)	St. Peter's Engineering College	6 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	Theepika.S	9994738577
2	Gajendiran.K	9944622353
3	Adhinarayanan T	9791067506

**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

*[Signature]*  
Head of the Department

**Recommendations:**

Criteria	Remarks
Curricular Aspects	<i>curriculum is periodically updated.</i>
Teaching, Learning and Evaluation	<i>-</i>
Structured Feedback	<i>-</i>
Research, Innovation and Publications	<i>-</i>
Collaborations and Linkages	<i>-</i>
Student Progression	<i>Need to focus on core company placement and entrepreneurship</i>
Activity Conducted / Organized by the Department	<i>-</i>
Achievements	<i>-</i>
General Remarks	<i>-</i>

*[Signature]*

Name and Signature  
Dr.N.Thilagavathi  
Professor / IT

Sri Manakula Vinayagar Engineering College

*[Signature]*

Name and Signature  
Dr. S. Pougajendy  
Professor / MBA

Sri Manakula Vinayagar Engineering College



**SRI MANAKULA VINAYAGAR**  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



INTERNAL QUALITY ASSURANCE CELL

## **ACADEMIC AND ADMINISTRATIVE AUDIT**

**DEPARTMENT OF  
CIVIL ENGINEERING**





## ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENTS

Academic Year: 2024-2025

Internal Audit

### SECTION -1: BASIC INFORMATION

Audit Date	07.03.2025			
Name of the Department	Civil Engineering			
Year of Establishment	2012			
Head of the Department	Dr.S.Sundararaman			
Programs Offered	Name of the Program		Approved Intake	
	U.G Program -B.Tech Civil		60	
Programs Discontinued if any	Nil			
Number of full time Teachers	Designation	Available	Sanctioned	Filled
	Professor	02		
	Associate Professor	01		
	Assistant Professor	11		
Number of Technical Staff				
Number of Students	For UG :			
	Year	M	F	Total
	First Year	17	6	23
	Second Year	16	11	27
	Third Year	27	11	38
	Fourth Year	34	08	42
Number of Students	For PG :			
	Year	M	F	Total
	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

### Summary of changes in Curriculum/syllabus

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus
<ol style="list-style-type: none"> <li>1. Introduction of Multidisciplinary Courses such as Instrumentation And Sensor Technologies for Civil Engineering Applications, Architecture and Town Planning, Entrepreneurship Management</li> <li>2. Introduction of Skill Development Courses</li> <li>3. Introduction of Programming Courses such as C programme, Data Structures, Programming In Java</li> <li>4. Associate Level of international Certification Courses (6 Courses)</li> <li>5. NPTEL/MOOC Courses made as mandatory.</li> <li>6. Course: Numerical Methods laboratory as practical.</li> <li>7. More GATE Exam oriented syllabus.</li> <li>8. Induction Program as a part of Curriculum.</li> <li>9. Advanced practical courses such as (ANSYS lab, Civil Engineering Practice Lab, Civil Engineering Building Planning &amp; Drafting.)</li> </ol>	<ol style="list-style-type: none"> <li>1. Introduction of Theory cum Practical Courses such as Communicative English II, Surveying and Geomatics, Concrete Technology, Instrumentation and sensor Technologies for Civil Engineering Application.</li> <li>2. Universal Human Values II course</li> <li>3. To achieve sustainable development goals 3 courses have been made as mandatory course such as climate change, Right to information and good governance and Gender Equality.</li> <li>4. Research Methodology course with -2 credits is given as HS category in 5<sup>th</sup> Semester.</li> <li>5. Micro &amp; Mini Project is Introduced in 5<sup>th</sup> &amp; 6<sup>th</sup> Semester.</li> <li>6. Courses which were in Value addition such as STAAD Pro V8i, Programming in Python, Internet of Things, and Survey Camp are made as Practical Courses.</li> </ol>

## 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	<b>Professional Elective - II</b> Ground Improvement Techniques	U20CEE506	38
2	IV / VII	<b>Professional Elective – IV</b> Site Investigation Methods and Practices	U20CEE716	42

## 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	<b>Open Elective-II</b> Project Management for Engineers	U20HSO504	38
2.	IV / VII	ECE	<b>Open Elective – IV</b> IOT and its Applications	U20ECO705	42





## 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	<b>Skill Enhancement Course – I:</b> Basic Vasthu	U23CES301	27
2	III / V	<b>Skill Development Course 4:</b> Career and Professional Skill Development Program - I	U20CES504	38
3	III / V	<b>Skill Development Course 5:</b> Presentation Skill using ICT	U20CES505	38

## 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	<b>Certification Course – I</b> Autodesk AutoCAD - ACU	U23CEC107	23
2.	II / III	<b>Certification Course – III</b> Total Station	U23CEC360	27
3.	III / V	<b>Certification Course – V:</b> STAAD PRO V8i	U20CEC585	38

## 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	23
2.	II / III	Climate Change	U23CEM303	27
3.	III / V	Indian Constitution	U20CEM505	38
4.	IV / VII	Professional Ethics	U20CEM707	42

## 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
-Nil-					



### SECTION -3: TEACHING, LEARNING AND EVALUATION

#### 3.1 Course Delivery

##### I Year / I 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.	Engineering Mathematics - I	U23MATC01	Mrs. D. Deebia	45	45	53
2.	Physical Science for Engineers	U23BSTC01	Mr. M.Udayendiran Dr. S.Savithri	45	45	54
3.	Basics of Civil and Mechanical Engineering	U23ESTC01	Mr. S.Sasidharan Dr. E. Manigandan	45	45	51
4.	Engineering Mechanics	U23ESTC02	Mr. S.Sasidharan	45	45	51
5.	Basics of Electrical and Electronics Engineering	U23ESTC03	Mr.J.Muruganandham	45	45	55
<b>THEORY CUM PRACTICAL</b>						
6.	Communicative English-I	U23ENBC01	Mr. F. John Bosco	45	45	43
<b>PRACTICAL</b>						
7.	Basics of Electrical and Electronics Engineering Laboratory	U23ESPC01	Mr.J.Muruganandham	30	30	26
8.	Design Thinking and Idea Lab	U23ESPC02	Mr.C.Raj Govind	30	30	26
9.	Civil Engineering Practice Laboratory	U23CEP101	Mr. M. Karthikeyan	30	30	25

##### 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.N.Sakthipriya	45	45	54
3.	Fluid Mechanics and Machinery	U23CET303	Mr.MCK.Jamenraja	45	45	51
4.	Construction Techniques Equipment Practice	U23CET304	Mr.J.Subash Chandra Boss	45	45	51
5.	Mechanics of Solids - II	U23CET305	Mrs. J. Jayapriya	45	45	55





<b>THEORY CUM PRACTICAL</b>						
6.	Surveying and Geomatics	U23CEB301	Mrs. P.Saranya	45	45	43
<b>PRACTICAL</b>						
7.	General Proficiency I	U23ENPC01	Dr. P. Rajeshwari	30	30	26
8.	Engineering Mathematics Laboratory	U23MAPC01	Dr. K. Raja	30	30	26
9.	Programming in Python Laboratory	U23ADPC01	Mrs.N.Sakthipriya	30	30	25
10.	Fluid Mechanics and Machines Laboratory	U23CEP303	Mr.MCK.Jamenraja	30	30	26

**III Year / V Semester / 2022-2026**

S.N o.	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.	Operations Research	U20BST551	Dr. Gayathri	60	60	54
2.	Structural Analysis – I	U20CET511	Mrs. A. Kalyani	60	60	56
3.	Environmental Engineering-I	U20CET512	Mr.R.Badhrinadhan	45	45	45
4.	Instrumentation And Sensor Technologies for Civil Engineering Applications	U20CET513	Mr .K .Archana	45	45	45
5.	Professional Elective - II (Ground Improvement Techniques)	U20CEE506	Dr. S. Jayakumar	45	45	45
6.	Open Elective – II Project Management for Engineers	U20HSO504	Dr. B. Elamurugan	45	45	45
<b>PRACTICAL</b>						
7.	Modeling and Analysis Laboratory	U20CEP508	Mrs. P.Saranya	30	30	30
8.	Sensors Applications in Civil Engineering Laboratory	U20CEP509	Ms. K .Archana	30	30	30
9.	REVIT Architecture	U20CEP510	Mrs. D. Sathiyasree	30	30	30
10.	Estimation Costing and Valuation Engineering	U20CEP511	Mrs J. Jayapriya	30	30	30



**IV Year / VII Semester / 2021-2025**

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. K. Srinivasan	45	45	45
3.	<b>Professional Elective - IV</b> (Site Investigation Methods and Practices)	U20CEE716	Dr. S. Sundararaman	45	45	45
4.	<b>Open Elective – IV</b> (IoT and its Applications)	U20EC0705	Ms.A.Arthy	45	45	45
<b>PRACTICAL</b>						
5.	Business Basics for Entrepreneur	U20HSP703	Dr. S. Deepa	30	30	30
6.	Irrigation and Environmental Engineering Drawing	U20CEP715	Mr.C.Raj Govind	30	30	30
7.	Simulation Software Laboratory (Ansys)	U20CEP716	Mr.V.Murugappan	30	30	30
8.	Comprehensive Viva Voce	U20CEP717	Mr.J.Subash Chandra Boss	30	30	30
<b>PROJECT WORK</b>						
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. D. Deebia	Engineering Mathematics - I	PPT/Lecture Videos, Digital writing Board
2.	Mr. M.Udayendiran Dr. S.Savithri	Physical Science for Engineers	PPT/Lecture Videos
3.	Mr. S.Sasidharan Dr. E. Manigandan	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.	Mr. M. K. Gurusamy	Probability and Statistics	PPT/Lecture Videos, Digital writing Board
7.	Mrs.N.Sakthipriya	Programming in Python	PPT/Lecture Videos





S.No.	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
8.	Mr.MCK.Jamenraja	Fluid Mechanics and Machinery	PPT/Lecture Videos
9.	Mr.J.Subash Chandra Boss	Construction Techniques Equipment Practice	PPT/Lecture Videos
10.	Mrs. J. Jayapriya	Mechanics of Solids - II	PPT/Lecture Videos
11.	Mrs. P.Saranya	Surveying and Geomatics	PPT/Lecture Videos
12.	Dr. Gayathri	Operations Research	PPT/Lecture Videos
13.	Mrs. A. Kalyani	Structural Analysis – I	PPT/Lecture Videos
14.	Mr. R. Badhrinadhan	Environmental Engineering-I	PPT/Lecture Videos
15.	Mr .K .Archana	Instrumentation And Sensor Technologies for Civil Engineering Applications	PPT/Lecture Videos
16.	Dr. S. Jayakumar	<b>Professional Elective - II (Ground Improvement Techniques)</b>	PPT/Lecture Videos
17.	Mr. C. Raj Govind	Construction Management	PPT/Lecture Videos
18.	Mr. K. Srinivasan	Hydrology and Water Resource Engineering	PPT/Lecture Videos
19.	Dr. S. Sundararaman	<b>Professional Elective - IV (Site Investigation Methods and Practices)</b>	PPT/Lecture Videos
20.	Ms.A.Arthy	<b>Open Elective – IV (IoT and its Applications)</b>	PPT/Lecture Videos

### 3.3 List of Expert Lectures / Workshops Conducted

Sl. No.	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1.	Effective Strategies for GATE Exam Preparation-2024 (Guest Lecture)	<b>Dr.P.Dinesh,</b> Assistant Professor (Grade II), Civil Engineering Department, NIT Silchar, and India.	15.07.2024	52
2.	World Nature Conservation Day 2024 on Theme Living Sustainably in Harmony with Nature	<b>Mr. P. Balagangadharan</b> Environmentalism, Founder - MAIAM FOUNDATION, Regional Head of THOFA <b>Dr. V. Krishnan</b> (Officer on Special Duty (Rtd.), Directorate of School Education, Govt. of Puducherry) with mementos.	29.07.2024	230
3.	International Youth Day 2024 on Theme From Clicks to Progress: Youth Digital Pathways for Sustainable Development	<b>Shri. Padma Jaiswal,</b> I.A.S, Secretary to Govt. (Home), Government of Puducherry	12.08.2024	472
4.	Government Job Opportunities for Civil Engineering Graduates – 2024 (Guest Lecture)	<b>Er.Vijay,</b> Assistant Engineer, Public Works Department, Vikravandi	26.08.2024	80



Sl. No.	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
5.	Non-Destructive Testing on Concrete (Hands on Training)	<b>Er. P. Ashok Kumar,</b> Civil Engineering Consultant, Puducherry	03.09.2024	64
6.	World Bamboo Day 2024 on theme Next Generation Bamboo: Solution, Innovation, and Design	<b>Ar.Sundar Rajaganesh,</b> Founder – IYAL NAADI, Salem	18.09.2024	260
7.	Career Opportunities in Design of Steel Structures” and “Practical Approach in Civil Engineering”	<b>Ms. Maria Jacqueline,</b> Senior Technical Educator, EMMARDE Institute, Puducherry,  <b>Er. B. Vimal,</b> Secretary of ACCE (I), Puducherry Centre	28.09.2024	88
8.	World Habitat Day 2024 on theme Engaging Youth to Create a Better Urban Future	Mr. S. Sridarane, Architect-Planner and Senior Town Planner, Town and Country Planning Department, Puducherry.	07.10.2024	470
9.	World Standards Day 2024 on theme Shared Vision for a Better World: Standards for the Changing Climate	Dr. Nehru Kumar Vaithilingam, Senior Research Advisor, Department of Ocean Engineering, Indian Institute of Technology, Madras	14.10.2024	480
10.	Prefabricated Structures – An Overview”	Dr.V.Prabakaran, Professor, Department of Civil Engineering, Puducherry Technological University, Puducherry	14.02.2025	40
11.	Digital Surveying and Mapping Techniques (Hands on Training)	Er. N. Pavithran, Senior Engineer, Step Land Survey Consultants, Puducherry	05.03.2025	64

### 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)
<b>I Year / I Semester / 2024-2028</b>					
1.	Engineering Mathematics - I	Mrs. D. Deebia	Yes	5	Yes
2.	Physical Science for Engineers	Mr. M.Udayendiran Dr. S.Savithri	Yes	3	Yes
3.	Basics of Civil and Mechanical Engineering	Mr. S.Sasidharan Dr. E. Manigandan	Yes	4	Yes





4.	Engineering Mechanics	Mr. S.Sasidharan	Yes	3	Yes
5.	Basics of Electrical and Electronics Engineering	Mr. J. Muruganandham	Yes	5	Yes
6.	Communicative English I	Mr. F. John Bosco	Yes	4	Yes
<b>II Year / III Semester / 2023-2027</b>					
1.	Probability and Statistics	Mr. M. K. Gurusamy	Yes	4	Yes
2.	Programming in Python	Mrs.N.Sakthipriya	Yes	4	Yes
3.	Fluid Mechanics and Machinery	Mr.MCK.Jamenraja	Yes	6	Yes
4.	Construction Techniques Equipment Practice	Mr.J.Subash Chandra Boss	Yes	5	Yes
5.	Mechanics of Solids - II	Mrs. J. Jayapriya	Yes	5	Yes
6.	Surveying and Geomatics	Mrs. P.Saranya	Yes	4	Yes
<b>III Year / V Semester / 2022-2026</b>					
1.	Operations Research	Dr. Gayathri	Yes	5	Yes
2.	Structural Analysis – I	Mrs. A. Kalyani	Yes	5	Yes
3.	Environmental Engineering-I	Mr. R. Badhrinadhan	Yes	5	Yes
4.	Instrumentation And Sensor Technologies for Civil Engineering Applications	Mr .K .Archana	Yes	5	Yes
5.	Professional Elective - II (Ground Improvement Techniques)	Dr. S. Jayakumar	Yes	5	Yes
6.	Open Elective-II (Product Development and Design)	Dr. B. Elamurugan	Yes	5	Yes
<b>IV Year / VII Semester / 2021-2025</b>					
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
130	10	1:13



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 / 2024-2028

Sl. No.	Particular	B.Tech	M. Tech
1	Number of Students appeared	23	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	10	
7	Passing Percentage	56.52%	





**II Year / III Semester / 2023-2027**

Sl. No.	Particular	B.Tech	M. Tech
1	Number of Students appeared	27	Nil
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	08	
7	Passing Percentage	70.37%	

**III Year / V Semester / 2022-2026**

Sl. No.	Particular	B.Tech	M. Tech
1	Number of Students appeared	38	Nil
2	Number of All Clear Students	36	
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	02	
7	Passing Percentage	94.73%	

**IV Year / VII Semester / 2021-2025**

Sl. No.	Particular	B.Tech	M. Tech
1	Number of Students appeared	42	Nil
2	Number of All Clear Students	37	
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	88.09%	

**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	37	-
3	Number of students completed the program with no backlogs	-	-
4	Number of students completed the program with backlogs	05	-



### 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.	Mr. V. Murugappan	Material Testing	Kamalam Construction	45000	1 Day
2.	Mr. K. Srinivasan	Material Testing	Highway Government Project	25700	1 Day
3.	Mr. MCK Jamenraja	Material Testing	Palaniappa Group	4750	1 Day
4.	Mr. C. Raj Govind	Material Testing	Coromandel Cements Pvt Ltd., Chennai	450	1 Day
5.	Mr. MCK Jamenraja	Material Testing	Shankar Jewellery, Gingee	450	1 Day
6.	Mrs. J Jayapriya	Material Testing	Amrita Vidyalayam, ECR, Kirumampakkam	450	1 Day
7.	Mrs. A. Kalyani	Material Testing	Amrita Vidyalayam, ECR, Kirumampakkam	2250	1 Day





Sl.No.	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
8.	Mr. MCK Jamenraja	Material Testing	JSW Cements	450	1 Day
9.	Mrs. A. Kalyani	Material Testing	Amrita Vidyalayam, ECR, Kirumampakkam	450	1 Day
10.	Mr. K. Srinivasan	Material Testing	JSW Cements	1800	1 Day
11.	Mr. C. Raj Govind	Material Testing	Amrita Vidyalayam, ECR, Kirumampakkam	450	1 Day
12.	Mr. MCK Jamenraja	Material Testing	Coromandel Cements Pvt Ltd., Chennai	450	1 Day
13.	Mrs. J Jayapriya	Material Testing	Shankar Jewellery, Gingee	900	1 Day
14.	Mr. K. Srinivasan	Material Testing	Continental	900	1 Day
15.	Mrs. A. Kalyani	Material Testing	JSW Cements, Puducherry	900	1 Day
16.	Mr. V. Murugappan	Material Testing	JSW Cements, Puducherry	600	1 Day
17.	Dr. C. Raj Govind	Material Testing	Rudran Construction, Chennai	5400	1 Day
18.	Mr. MCK Jamenraja	Material Testing	Rudran Construction, Chennai	1800	1 Day
19.	Mrs. J Jayapriya	Material Testing	Amrita Vidyalayam, ECR, Kirumampakkam	300	1 Day
20.	Mrs. A. Kalyani	Material Testing	Continental, Villupuram	300	1 Day
21.	Mr. MCK Jamenraja	Material Testing	Continental, Villupuram	300	1 Day
22.	Mrs. A. Kalyani	Material Testing	Continental, Villupuram	300	1 Day
23.	Dr. C. Raj Govind	Material Testing	MKM Construction	11700	1 Day
24.	Mr. K. Srinivasan	Material Testing	JSW Cements, Puducherry	600	1 Day
<b>Total</b>				<b>Rs. 1,06,500</b>	

### 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	2021-2022	11	-	-	-	-
2	2022-2023	-	-	-	-	-
3	2023-2024	-	3	-	-	-
4	2024-2025					



**Publication Details for Academic Year consider for Auditing**

Number of Publications in National Journals	-
Number of Publications in International Journals	02
Number of Publications in National Conferences	03
Number of Publications in International Conferences	13
Number of Books / Book Chapters	-
Number of Patents (Filed)	-
Number of Patents Granted	-
Number of Design Patents (Filed)	7
Number of Design Patents Granted	5

**National Journal**

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

**International Journal**

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**

Sl.No.	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Futuristic Trends in Social Sciences / Durability Evaluation of Self - Compacting Concrete with Controlled Permeable Form work Liner	Dr. S. Sundararaman	e- ISBN: 978-93-5747-758-1	IIP Series, Volume 3, Book 2, Part 2, Chapter 4
2	Futuristic Trends in Social Sciences / Evolution of Concrete incorporating Rice Husk Ash	Dr. S. Sundararaman	e – ISBN: 978-93-5747-686-7	IIP Series, Volume 3, Book 3, Part 3, Chapter 1



3	Futuristic Trends in Social Sciences / Treatment of High Strength of Industrial Wastewater by using Natural Coagulant – A Review	Dr. S. Sundararaman	e – ISBN: 978-93-5747-992-9	IIP Series, Volume 3, Book 5, Part 5, Chapter 1
4	Advancements in Engineering, Management, Arts and Science / Effects of Natural Coagulant in the Treatment of Pharmaceutical Wastewater	Dr. S. Sundararaman & V. Murugappan	ISBN – 978-93-91697-59-4	Tech Press, Chapter 28
5	Advancements in Engineering, Management, Arts and Science / Enhancing Bitumen Performance through the Incorporation of Waste Plastic and Palm Kernel Activated Carbon	D.Sathiyasree & Dr. S.Sundararaman	ISBN – 978-93-91697-59-4	Tech Press Chapter 28

## Design Patent

Sl.No.	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No
1.	426452-001	08-10-2024	IoT BASED Solar Agricultural Robot	Dr. S. Sundararaman	Serial No. : 199734
2.	432927-001	10-06-2024	Digital Levelling Equipment in Construction Industry	Dr. S. Sundararaman	Serial No. : 186325
3.	434411-001	15/10/2024	Artificial Intelligence Based Cement Quality analysis Machine In Construction Industry	Dr. S. Sundararaman	-
4.	445219-001	22/01/2025	Device for Determining the Strength of Concrete Pillar	Dr. S. Sundararaman	Serial No. : 198193

## 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.	Dohu Yakap	Pare Hydro Power Station (NEEPCO)	18 days	02-07-2024	19/07/2024
2.	Kanakala Sai Venkatesh	T.S. Rajeswara Rao	18 days	02-07-2024	20/07/2024
3.	Kandregula Dinesh Kumar	Swathi Associates	15 days	02-07-2024	16/07/2024
4.	Mellimi Sathish Kumar	Swathi Associates	15 days	02-07-2024	16/07/2024
5.	B.Niresh	Rabbit Builderss	1 days	02-07-2024	16/07/2024
6.	Abhin Suresh Mc	Kay Kay Builders	15 days	02-07-2024	16/07/2024
7.	Akash.S	Usha Builders & Engineers,Pondicherry	15 days	02-07-2024	16/07/2024
8.	Chandrajaya N	New Construction Centre - Karaikal	15 days	02-07-2024	16/07/2024
9.	Gokul K	PWD Contractor	15 days	02-07-2024	16/07/2024
10.	Guruprassat	Frens Villa	15 days	02-07-2024	16/07/2024
11.	Ve. Hariganesh	Maruthi Builders	15 days	02-07-2024	16/07/2024
12.	Keerthivasan S	PWD Contractor	15 days	02-07-2024	16/07/2024
13.	R Kowtham	Kemia Apartments Limited	15 days	02-07-2024	16/07/2024
14.	V.Lokeshwaran	Usha Builders & Engineers	15 days	02-07-2024	16/07/2024
15.	Muthukumaran M	Kemia Apartments	15 days	02-07-2024	16/07/2024
16.	Rajesh Kumar G	M/S Gragha Builders	15 days	02-07-2024	16/07/2024
17.	Rakesh	Buildtech Builders	15 days	02-07-2024	16/07/2024
18.	Sanjay J	PWD Contractor	15 days	02-07-2024	16/07/2024
19.	R.Sanjay	Highrise Builder & Contractor	15 days	02-07-2024	16/07/2024
20.	Sathish Kumar I	Usha Builders And Engineers	15 days	02-07-2024	16/07/2024
21.	Suriyakumar M	Usha Builders & Engineers	15 days	02-07-2024	16/07/2024
22.	Swetha Anil	Adiyeri Builders Azhiyur	15 days	02-07-2024	16/07/2024
23.	A.Tharun	Infraa Teq Consultants	15 days	02-07-2024	16/07/2024
24.	Uthayapragash.G	Construction Centre Planners And Builders	15 days	02-07-2024	16/07/2024
25.	Vasanth PM	M/S, Gragha Builders	15 days	02-07-2024	16/07/2024
26.	S.Yogesh	PWD Contractor	15 days	02-07-2024	16/07/2024





Sl. No.	Name of the Students	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration		
			Duration	From	To
27.	Yukendran P	Usha Builders And Engineers	15 days	02-07-2024	16/07/2024
28.	Akash.S	DMS Inefra	15 days	28-08-2024	14-09-2024
29.	Chandrajaya N	DMS Inefra	15 days	28-08-2024	14-09-2024
30.	Keerthivasan S	DMS Inefra	15 days	28-08-2024	14-09-2024
31.	R Kowtham	DMS Inefra	15 days	28-08-2024	14-09-2024
32.	V.Lokeshwaran	DMS Inefra	15 days	28-08-2024	14-09-2024
33.	Sathish Kumar I	DMS Inefra	15 days	28-08-2024	14-09-2024
34.	Suriyakumar M	DMS Inefra	15 days	28-08-2024	14-09-2024
35.	Yukendran P	DMS Inefra	15 days	28-08-2024	14-09-2024

## 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	National Fossil Wood Park, Tiruvakkarai	13.09.2024	Geotechnical Engineering	23
2	Vidur Dam, Vikravandi	13.09.2024	Fluid Mechanism	23
3	CSIR – Structural Engineering Research Centre	26.09.2024	Structure Engineering	67

## 6.4 Functional Memorandum of Understanding (MoU)

Sl. No.	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	RDR Construction, Panruti	05/03/2025	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	17
Number of Students opted Higher Studies	01
Number of Entrepreneur	00

### 7.1 Placements

Sl. No.	Name of the Student	Name of the Company	Salary Package (Lakhs/Annam )
1.	Annamalai R	Nesa Constructions	2.4
2.	Abhin Suresh M C	Stiffeners Property Valuers & Consultants, Puducherry	2.4
3.	Akash S	Emmarde Steel,Puducherry	2.4
4.	Chandrajaya N	Stiffeners Property Valuers & Consultants, Puducherry	2.4
5.	Gokul K	M/S.Gragha Builders,Cuddalore	2.4
6.	Guruprassat R	Stiffeners Property Valuers & Consultants, Puducherry	2.4
7.	Hariganesh Ve	Rebar Design And Detail Pvt.Ltd	2.4
8.	Kowtham R	Emmarde Steel,Puducherry	2.4
9.	Lokeshwaran V	Emmarde Steel,Puducherry	2.4
10.	Muthukumaran M	Emmarde Steel,Puducherry	2.4
11.	Rajesh Kumar G	M/S.Gragha Builders,Cuddalore	2.4
12.	Sanjay J	Rebar Design And Detail Pvt.Ltd	2.4
13.	Sathish Kumar I	Srinsoft Technologies	3.5
14.	Suriyakumar M	Rebar Design And Detail Pvt.Ltd	2.4
15.	Vasanth P M	Tata Consultancy Services - Ninja	3.36
16.	Yogesh S	Stiffeners Property Valuers & Consultants, Puducherry	2.4
17.	Yukendran P	Stiffeners Property Valuers & Consultants, Puducherry	2.4

### 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





### 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	Effective Strategies for GATE Exam Preparation- 2024 (Guest Lecture)	Indian Concrete Institute (ICI)	15.07.2024	National	52
2	World Nature Conservation Day 2024 on Theme Living Sustainably in Harmony with Nature	Civil Engineering Department	29.07.2024	National	230
3	International Youth Day 2024 on Theme From Clicks to Progress: Youth Digital Pathways for Sustainable Development	Civil Engineering Department	12.08.2024	National	472
4	Government Job Opportunities for Civil Engineering Graduates – 2024 (Guest Lecture)	Indian Concrete Institute (ICI)	26.08.2024	National	80
5	Non-Destructive Testing on Concrete (Hands on Training)	Association of Consulting Civil Engineers (India)	03.09.2024	National	64
6	World Bamboo Day 2024 on theme Next Generation Bamboo: Solution, Innovation, and Design	Bamboo society of India (BSI)	18.09.2024	National	260
7	Career Opportunities in Design of Steel Structures” and “Practical Approach in Civil Engineering”	Institution of Engineers (India) (IEI)	28.09.2024	National	88
8	World Habitat Day 2024 on theme Engaging Youth to Create a Better Urban Future	Civil Engineering Department	07.10.2024	National	470



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
9	World Standards Day 2024 on theme Shared Vision for a Better World: Standards for the Changing Climate	Civil Engineering Department	14.10.2024	National	480
10	Prefabricated Structures – An Overview”	Institution of Engineers (India) IEI	14.02.2025	National	40
11	Digital Surveying and Mapping Techniques (Hands on Training)	Indian Concrete Institute (ICI)	05.03.2025	National	64

## 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.	Yukendran P and Chandrajaya N	Paper Presentation	Velammal Engineering College	I Prize
2.	Akash S and Sanjay J	Paper Presentation	Velammal Engineering College	III Prize
3.	Department of Civil Engineering	International Yoga Day	Sri Manakula Vinayagar Engineering College	III Place
4.	Department of Civil Engineering	Independence Day 2024	Sri Manakula Vinayagar Engineering College	I Place
5.	Department of Civil Engineering	Republic Day 2025	Sri Manakula Vinayagar Engineering College	Best Performing Team
6.	Pradheepa S & Varsha S B	Paper Presentation 24.02.2025	Christ College Of Engineering and Technology	I Prize
7.	Hariganesh V E & Rakesh C	Paper Presentation 24.02.2025	Christ College Of Engineering and Technology	II Prize
8.	Sridharshini T & Vasundara Devi V	Connection 24.02.2025	Christ College Of Engineering and Technology	1st Prize





Sl.No.	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
9.	Varsha S B and Jayashree R	Paper Presentation 24.02.2025	Christ College Of Engineering and Technology	2nd Prize
10.	Swetha Anil	Paper Presentation 27.04.2024	Christ College Of Engineering and Technology	1st Prize
11.	M. Vasanth, K. Vijay Keerthan & R. Dinesh Bala	Poster Presentation 10.02.2025	Chennai Institute of Technology	I Prize
12.	Vasanth P M	Technical Quiz 26.02.2025 to 27.02.2025	SIMATS Engineering	II Prize
13.	Rajesh Kumar G	AUTOCAD 26.02.2025 to 27.02.2025	SIMATS Engineering	II Prize
14.	M. Vasanth, K. Vijay Keerthan & R. Dinesh Bala	Cube Casting Competition 10.02.2025	Chennai Institute of Technology	I Place (Cash Prize – Rs. 3000)
15.	Poonguzhali N & Amija C	Technical Quiz 26.02.2025 to 27.02.2025	SIMATS Engineering	I Prize
16.	Haresh Balaji J & Rakesh G	Technical Quiz 26.02.2025 to 27.02.2025	SIMATS Engineering	II Prize
17.	Yukendran P & Keerthivasan S	Paper Presentation 27.02.2025	Annapoorna Engineering College	I Prize
18.	Vijay Keerthan K & Dinesh Bala R	Poster Presentation 27.02.2025	Annapoorna Engineering College	I Prize
19.	Vijay Keerthan K & Dinesh Bala R	Poster Presentation 27.02.2025	Annapoorna Engineering College	II Prize
20.	Aakash	Buildiq Mcq 27.02.2025	Annapoorna Engineering College	I Prize
21.	Vasanth M & Mohammed Afras H	Paper Presentation 27.02.2025	Annapoorna Engineering College	II Prize
22.	Department of Civil Engineering	Overall Championship 27.02.2025	Annapoorna Engineering College	Overall Championship
23.	Ms. S Dhivyabharathi	Tamil Just A Minute Talk – I Place 26.02.2025	Government of Puducherry	I Prize
24.	Ms. S Dhivyabharathi	English Just A Minute Talk – II Place 26.02.2025	Government of Puducherry	II Prize
25.	Ms. S Dhivyabharathi	Photography Contest – III Place 26.02.2025	Government of Puducherry	III Prize
26.	Ms. S Dhivyabharathi	Tamil Elocution – I Place 26.02.2025	Government of Puducherry	I Prize
27.	Ashwin M, Devabalaji J & Mohamed Niyas K	Survey Smarts 01.03.2025	PSG College Of Technology	I Prize
28.	Ashwin M & Ragul S	Build Battle 01.03.2025	PSG College Of Technology	III 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
1	Dr.S.Sundararaman	ACCE, ICI ,IEI, ISTE, Puducherry (State Level)
2	Dr.S.Sundararaman	Participated as chairperson for valuation Board at Pondicherry university (University Level )
3	Dr.S.Sundararaman	Question Paper Setter for Dhanalakshmi Srinivasan Engineering College and Anurag Engineering College, External Examiner to Evaluate the Thesis for Bharath University.
4	Dr.S.Jayakumar	ACCE,ISTE, ICI, PONCEA & IEI
5	Mrs.A.Kalyani	ISTE & External Examiner
6	Mr. K.Srinivasan	External Examiner
7	Mrs.D.Sathiyasree	ACCE & External Examiner
8	Mr.S.Tiroumalai	ACCE
9	Mrs.J.Jayapriya	IPA
10	Dr.C.Raj Govind	ACCE
11	Mr. V. Murugappan	ACCE
12	Mr. MCK Jamenraja	ACCE

## 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
1	Mrs. J Jayapriya, Assistant Professor, Department of Civil Engineering	<i>2<sup>nd</sup> Runner up in IPPL-2024</i> conducted by IPA Puducherry Chapter on 10 <sup>th</sup> October 2024
2	Dr. S. Sundararaman, Professor & Head, Department of Civil Engineering	<b>Elite Silver</b> in NPTEL Online Certification in “Plastic Waste Management” (8-week course) during Jan-Mar 2025
3	Mrs. A. Kalyani and Mr. K. Srinivasan, Assistant Professor, Department of Civil Engineering	<b>Elite</b> in NPTEL Online Certification in “Plastic Waste Management” (8-week course) during Jan-Mar 2025
4	Dr. C. Raj Govind, Assistant Professor, Department of Civil Engineering	<b>Elite</b> in NPTEL Online Certification in “Data Analytics with Python” (12-week course) during Jan-Mar 2025
5	Mr. K. Srinivasan, Assistant Professor, Department of Civil Engineering	<b>Mentor</b> for NPTEL Online certification course “Plastic Waste Management”
6	Dr. S. Sundararaman, Professor & Head, Department of Civil Engineering	<b>Mentor</b> for NPTEL Online certification course “Plastic Waste Management”





### 9.5 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	Advanced Construction Techniques in Infrastructure and Project Management: Mastering Dashboard Design with Power BI	Kalasalingam Academy of Research and Education	17.06.2024 to 22.06.2024
2.	Dr.S.Sundararaman	Second One day International Workshop in the Construction Materials and Techniques	SRMIST, Katankulathur	09.07.2024
3.	Mrs. A.Kalyani	Inculcating Universal Human Values in Technical Education	AICTE	05.08.2024 to 09.08.2024
4.	Mr.K.Srinivasan	6-day Online UHV-II FDP	All India Council for Technical Education (AICTE)	19.08.2024 to 24.08.2024
5.	Mr.K.Srinivasan	BRIDGE 2024 - Puducherry (A High Impact Industry-Institute Interaction Event)	ICT Academy	08.10.2024
6.	Mr.C.Raj Govind	BRIDGE 2024 - Puducherry (A High Impact Industry-Institute Interaction Event)	ICT Academy	08.10.2024
7.	Mr.C.Raj Govind	6 Day FDP on "Programming in C"	Department of Computer Science and Engineering, SMVEC	14.11.2024 to 20.11.2024
8.	Mrs. J. Jayapriya	6 Day FDP on "Programming in C"	Department of Computer Science and Engineering, SMVEC	14.11.2024 to 20.11.2024
9.	Mr. MCK Jamenraja	6 Day FDP on "Programming in C"	Department of Computer Science and Engineering, SMVEC	14.11.2024 to 20.11.2024
10.	Dr.S.Sundararaman	"2-day symposium on Integrated Coastal, Ports and offshore Engineering – New Developments in India" (ICPOE)	Prof. R. Sundaravadivelu Advisory Services Pvt Ltd, Chennai	22.11.2024 to 23.11.2024



Sl.No.	Faculty Name	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
11.	Dr. S. Jayakumar	Webinar no "Soil Remediation Techniques in Environmental Protection"	Presidency University, Bengaluru	06.12.2024
12.	Mr.K.Srinivasan	Webinar on "Soil Remediation Techniques in Environmental Protection"	Presidency University, Bengaluru	06.12.2024
13.	Mr.C.Raj Govind	Webinar on "Soil Remediation Techniques in Environmental Protection"	Presidency University, Bengaluru	06.12.2024
14.	Mr. G. Senthil Raj	Webinar on "Soil Remediation Techniques in Environmental Protection"	Presidency University, Bengaluru	06.12.2024
15.	Dr. S. Jayakumar	One Week Faculty Development Program (FDP) on "Application of AI in Civil Engineering"	K.D.K College of Engineering, Nagpur.	16.12.2024 to 21.12.2024
16.	Mrs. A.Kalyani	One Week Faculty Development Program (FDP) on "Application of AI in Civil Engineering"	K.D.K College of Engineering, Nagpur.	16.12.2024 to 21.12.2024
17.	Mr.K.Srinivasan	One Week Faculty Development Program (FDP) on "Application of AI in Civil Engineering"	K.D.K College of Engineering, Nagpur.	16.12.2024 to 21.12.2024
18.	Mr.C.Raj Govind	One Week Faculty Development Program (FDP) on "Application of AI in Civil Engineering"	K.D.K College of Engineering, Nagpur.	16.12.2024 to 21.12.2024
19.	Mr.V.Murugappan	One Week Faculty Development Program (FDP) on "Application of AI in Civil Engineering"	K.D.K College of Engineering, Nagpur.	16.12.2024 to 21.12.2024





Sl.No.	Faculty Name	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
20.	Mr. MCK Jamenraja	One Week Faculty Development Program (FDP) on “Application of AI in Civil Engineering”	K.D.K College of Engineering, Nagpur.	16.12.2024 to 21.12.2024
21.	Mrs.D.Sathiyasree	One Week Faculty Development Program (FDP) on “Application of AI in Civil Engineering”	K.D.K College of Engineering, Nagpur.	16.12.2024 to 21.12.2024
22.	Mr.S.Tiroumalai	One Week Faculty Development Program (FDP) on “Application of AI in Civil Engineering”	K.D.K College of Engineering, Nagpur.	16.12.2024 to 21.12.2024
23.	Mr.M.Karthikeyan	One Week Faculty Development Program (FDP) on “Application of AI in Civil Engineering”	K.D.K College of Engineering, Nagpur.	16.12.2024 to 21.12.2024
24.	Mr.R.Badhrinadhan	One Week Faculty Development Program (FDP) on “Application of AI in Civil Engineering”	K.D.K College of Engineering, Nagpur.	16.12.2024 to 21.12.2024
25.	Mr.K.Srinivasan	Disruptive Sustainable Innovations In Wastewater Treatment : A Way Forward	VelTech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	16.12.2024 to 20.12.2024
26.	Mr.R.Badhrinadhan	Disruptive Sustainable Innovations In Wastewater Treatment : A Way Forward	VelTech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	16.12.2024 to 20.12.2024

#### 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	<a href="mailto:sathishsk1652004@gmail.com">sathishsk1652004@gmail.com</a> 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





**Recommendations:**

Criteria	Remarks
Curricular Aspects	Good
Teaching, Learning and Evaluation	—
Structured Feedback	—
Research, Innovation and Publications	Need to concentrate on funded projects.
Collaborations and Linkages	—
Student Progression	—
Activity Conducted / Organized by the Department	Need to organise FDP/STTP
Achievements	—
General Remarks	—

**Signature of the Internal Academic Audit Experts**

  
**Dr. R. Ravishankar**  
Professor

Department of Mechanical Engineering, SMVEC

  
**Dr. R. Sivakumar**  
Associate Professor

Master of Business Administration, SMVEC



**ACADEMIC AND ADMINISTRATIVE AUDIT**

**DEPARTMENT OF  
MECHATRONICS**





**ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC  
DEPARTMENTS**

**Academic Year: 2024-2025**

**Internal Audit**

**SECTION -1: BASIC INFORMATION**

Audit Date	07.03.2025			
Name of the Department	<b>Mechatronics</b>			
Year of Establishment	2019			
Head of the Department	Dr.G.Balamuruga MohanRaj			
Programs Offered	Name of the Program		Approved Intake	
	U.G Program -B.Tech Mechatronics		60	
Programs Discontinued if any	Nil			
Number of full time Teachers	Designation	Available	Sanctioned	Filled
	Professor	01		
	Associate Professor	02		
	Assistant Professor	10		
Number of Technical Staff				
Number of Students	For UG :			
	Year	M	F	Total
	First Year	32	09	41
	Second Year	36	03	39
	Third Year	41	03	44
	Fourth Year	40	02	42
	Total	149	17	166
	For PG :			
	Year	M	F	Total
	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**

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	R-2023	26.03.2025

### Summary of changes in Curriculum/syllabus

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus
<ol style="list-style-type: none"> <li>1. Mechatronics is a multidisciplinary field that combines mechanical, electrical, computer, and control engineering to create intelligent systems and machines. Focus on Robotics, Automotive systems, Aerospace technology, and Consumer Electronics.</li> <li>2. Introduction of Skill Development Courses</li> <li>3. Introduction of Programming Courses such as C programme, Data Structures, Programming In Java.</li> <li>4. Associate Level of international Certification Courses (6 Courses)</li> <li>5. NPTEL/MOOC Courses made as mandatory.</li> <li>6. Course: Numerical Methods laboratory as practical.</li> <li>7. More GATE Exam oriented syllabus.</li> <li>8. Induction Program as a part of Curriculum.</li> <li>9. Advanced practical courses such as (CADD, CAE, Labview, Robotics, Automation &amp; sensor lab)</li> </ol>	<ol style="list-style-type: none"> <li>1. Introduction of Theory cum Practical Courses such as Communicative English II, Robotic Automation recent trends for Mechatronics Application.</li> <li>2. Universal Human Values II course</li> <li>3. To achieve sustainable development goals 3 courses have been made as mandatory course such as climate change, Right to information and good governance and Gender Equality.</li> <li>4. Research Methodology course with -2 credits is given as HS category in 5<sup>th</sup> Semester.</li> <li>5. Micro &amp; Mini Project is Introduced in 5<sup>th</sup> &amp; 6<sup>th</sup> Semester.</li> <li>6. Courses which were in Value addition such as Programming in Python, Internet of Things, hydraulic and Pneumatic Automation with PLC made as Practical Courses.</li> </ol>

## 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	IV/VII	Non-Destructive Testing Methods	U20MCE716	42
2	III/V	Automotive Electronics	U20MCE508	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	MECH	Supply Chain Management	U20MEO707	42
2	III/V	EEE	Open Elective –II: Conventional and Non – Conventional Energy Sources	U20MEO505	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	3D Printing	U23MCS301	39
2	III/V	Career and Professional Skill Development Program - I	U20MCS504	44
		Presentation Skills using ICT	U20MCS505	44
3	IV/VII	Career and Professional Skill Development Program-II	U20MCS606	42
		Technical Seminar	U20MCS607	42
		NPTEL / MOOC - I	U20MCS608	42

**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	41
2	II/III	Certification Course – III : Electro Hydraulic Automation with PLC	U23MCC342	39
3	III/V	Certification Course – V: Cyber Security	U20MCC532	44

**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	41
2	II/III	Climate Change	U23MCM303	39
3	III/V	Indian Constitution	U20MCM505	42
4	IV/VII	Professional Ethics	U20MCM707	30

**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	<b>Certification Course – I</b> IoT using Python	U23MCC159	41	41
2.	II / III	<b>Certification Course – III</b> Electro Hydraulic Automation with PLC	U23MCC342	39	39
3.	III / V	<b>Certification Course – V:</b> Cyber Security	U20MCC532	44	44



### SECTION -3: TEACHING, LEARNING AND EVALUATION

#### 3.1 Course Delivery

##### I Year / I 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.	Engineering Mathematics - I	U23MATC01	Mr.R.Rajesh	60	60	60
2.	Physical Science for Engineers	U23BSTC01	Dr.K.Samuvel,/Physi cs Dr.Bharathy, /Chemistry	45	45	45
3.	Programming in C	U23CSTC01	Mrs.A.Amala Margret	45	45	52
4.	Basics of Civil and Mechanical Engineering	U23ESTC01	Mr.S.Prakash / Mctr Mr.Jamenraja, / Civil	45	45	45
5.	Engineering Mechanics	U23ESTC02	Dr.M.Elangovan	45	45	61
<b>THEORY CUM PRACTICAL</b>						
6.	Communicative English I	U23ENBC01	Dr.S.Asha Mary	45	45	45
<b>PRACTICAL</b>						
7.	Engineering Graphics using AutoCAD Lab	U23ESPC03	Mr.S.Prakash	30	30	24
8.	Programming in C Lab	U23CSPC01	Mr.T.Sendhilkumar	30	30	33
9.	Design Thinking and Idea Lab	U23ESPC02	Mr.S.Prakash	30	30	24

##### 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.R.Rajesh,	60	60	69
2.	<b>Programming in Python</b>	U23ADTC01	Mrs. S.Subasree,	45	45	54
3.	Analog and Digital Electronics	U23MCT303	Mrs.S. Kalaimani,	45	45	52
4.	Fluid Mechanics and Machinery	U23MCT304	Mr. S. Jagan,	45	45	59
5.	Mechanics of Solids	U23MCT305	Mr.S.Prakash,	45	45	61





<b>THEORY CUM PRACTICAL</b>						
6.	Sensors Transducers and Measurement systems	U23MCB306	Mr.B.Ganesamoorthy	45	45	45
<b>PRACTICAL</b>						
7.	General Proficiency I	U23ENPC01	Ms.R.Gajalakshmi	30	30	30
8.	Engineering Mathematics Laboratory	U23MAPC01	Dr. T. Gayathri,	30	30	30
9.	Programming in Python Laboratory	U23ADPC01	Mrs S.Subasree,	30	30	39
10.	Analog and Digital Electronics Laboratory	U23MCP303	Mr.S.Subitha	30	30	39

**III Year / V 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.	Operations Research	U20BST553	Dr. T. Gayathri	60	60	60
2.	Control Systems for Mechatronics Systems	U20MCT510	Mr.S.Ganesan,	60	60	56
3.	Microprocessors and Controllers	U20MCT511	Mr.S.Kalaimani	45	45	45
4.	CNC and Metrology	U20MCT512	Mr.S.Prakash	45	45	51
5.	Professional Elective –II: Automotive Electronics	U20MCE508	Ms.M.Subitha	45	45	50
6.	Open Elective –II: Conventional and Non – Conventional Energy Sources	U20EEO503	Mr.S.Jagan	45	45	48
<b>PRACTICAL</b>						
7.	Microprocessors and Controllers Lab	U20MCP507	Mr.S.Kalaimani	30	30	42
8.	Virtual Instrumentation Lab	U20MCP508	Ms.J.Sivapriya	30	30	30
9.	CNC and Metrology Lab	U20MCP509	Mr.S.Prakash	30	30	30



**IV Year / VII Semester / 2021-2025**

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.	PLC and Data Acquisition Systems	U20MCT717	Mr.D.Tamilselvan	45	45	49
2.	Design of Mechatronics System	U20MCT718	Mr.P. Rameshkumar	45	45	60
3.	Professional Elective - IV Non-Destructive Testing Methods	U20MCE716	Dr.G.B.M.Mohanraj	45	45	45
4.	Open Elective – IV (Supply Chain Management)	U20MEO707	Mr.S.Saravanan	45	45	45
<b>PRACTICAL</b>						
5.	Business Basics for Entrepreneur	U20HSP703	Mr.Chandramohan	30	30	22
6.	Computer Aided Engineering Lab	U20MCP713	Mr.S.Saravanan	30	30	30
7.	Industrial Automation Lab	U20MCP714	Mr.R.Pradeep	30	30	30
8.	Comprehensive Viva Voce	U20MCP715	Mr.S.Jagan	30	30	30
<b>PROJECT WORK</b>						
9.	Project Phase – I	U20MCW701	Dr.G.B.M.Mohanraj	30	30	30

**3.2 Use of ICT Tools in Teaching Learning**

**Semester: II/III ODD (2023-2027)**

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	PPT& Video Lecture
2	Mrs. S.Subasree,	Programming in Python U23ADTC01	PPT& Video Lecture
3	Mrs.S. Kalaimani,	Analog and Digital Electronics U23MCT303	PPT& Video Lecture
4	Mr. S. Jagan,	Fluid Mechanics and Machinery U23MCT304	PPT& Video Lecture
5	Mr.S.Prakash,	Mechanics of Solids U23MCT305	PPT& Video Lecture
6	Mr.B.Ganesamoorthy	Sensors Transducers and Measurement systems U23MCB306	PPT& Video Lecture





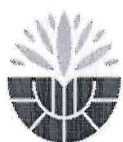
3	Dr.G.B.M.Mohanraj	Professional Elective – IV Non-Destructive Testing Methods U20MCE716	PPT& Video Lecture
4	Mr.S.Saravanan	Open Elective – IV Supply Chain Management U20MEO707	PPT& Video Lecture
5	Mr.Chandramohan	Business Basics for Entrepreneur U20HSP703	PPT& Video Lecture
6	Mr.S.Saravanan	Computer Aided Engineering Lab U20MCP713	working and Demonstration
7	Mr.R.Pradeep	Industrial Automation Lab U20MCP714	working and Demonstration
8	Mr.S.Jagan	Comprehensive Viva-voce U20MCP715	Technical Objective type question discussion

**Semester : I/I ODD (2024-2028)**

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.R.Rajesh	Engineering Mathematics - I U23MATC01	PPT& Video Lecture
2	Dr.K.Samuvel,/Physics Dr.Bharathy, /Chemistry	Physical Science for Engineers U23BSTC01	PPT& Video Lecture
3	Mrs.A.Amala Margret	Programming in C U23CSTC01	PPT& Video Lecture
4	Mr.S.Prakash / Mctr Mr.Jamenraja, / Civil	Basics of Civil and Mechanical Engineering U23ESTC01	PPT& Video Lecture
5	Dr.M.Elangovan	Engineering Mechanics U23ESTC02	PPT& Video Lecture
6	Dr.S.Asha Mary	Communicative English- I U23ENBC01	PPT& Video Lecture
7	Mr.S.Prakash	Engineering Graphics using AutoCAD Lab U23ESPC03	working and Demonstration
8	Mrs.S.Jayalakshmi	Programming in C Lab U23CSPC01	working and Demonstration
9	Mr.S.Prakash	Design Thinking and Creativity Lab U23ESPC02	working and Demonstration

**3.3 List of Expert Lectures / Workshops Conducted**

S. No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Industrial Automation Workshop	Mr. S.Sasi Kumar, Deputy Manager, Training Corporation (India) Pvt.Ltd.	28.01.2025	40
2	AI Era especially for the Core Engineering Graduates.	Mr. A.Rajan Babu, President of Sharp HR Forum.	04.02.2025	166



7	Dr. T. Gayathri,	Engineering Mathematics Laboratory U23MAPC01	PPT& Video Lecture
8	Ms.R.Gajalakshmi,	General Proficiency – I U23ENPC01	PPT & Program writing
9	Mrs S.Subasree,	Programming in Python Laboratory U23ADPC01	Circuit Simulation and working
10	Mr.S.Subitha	Analog and Digital Electronics Laboratory U23MCP303	working and Demonstration

Semester: III/V ODD (2022-2026)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr. T. Gayathri	Operations Research for Mechatronics U20BST553	PPT& Video Lecture
2	Mr.S.Ganesan,	Control Systems for Mechatronics Systems U20MCT510	PPT& Video Lecture
3	Mr.S.Kalaimani	Microprocessors and Controllers U20MCT511	PPT& Video Lecture
4	Mr.S.Prakash	CNC and Metrology U20MCT512	PPT& Video Lecture
5	Ms.M.Subitha	Professional Elective –II: Automotive Electronics U20MCE508	PPT& Video Lecture
6	Mr.S.Jagan	Open Elective –II: Conventional and Non – Conventional Energy Sources U20EEO503	PPT& Video Lecture
7	Mr.S.Kalaimani	Microprocessors and Controllers Lab U20MCP507	working and Demonstration
8	Ms.M.Subitha	Virtual Instrumentation Lab U20MCP508	working and Demonstration
9	Mr.S.Prakash	CNC and Metrology Lab U20MCP509	working and Demonstration

Semester : IV/VII ODD (2021-2025)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.D.Tamilselvan	PLC and Data Acquisition Systems U20MCT717	PPT& Video Lecture
2	Mr.P. Rameshkumar	Design of Mechatronics System U20MCT718	PPT& Video Lecture





3	Industrial Automation Workshop	Mr. S.Sasi Kumar, Deputy Manager, Training Corporation (India) Pvt.Ltd.	28.01.2025	40
4	Machine Learning	Ms. Sasikala, Tech Lead, Twilight IT Solutions, Puducherry	22.02.2025	41
5	Application of Artificial Intelligence in Mechatronics	Ms. Maidily, IT Analyst, Tata Consultancy Services, Chennai	28.09.2024	40
6	Application of Designing Software	Mr. Jagan, Chairman, Vector Solutions.	25.02.2025	40

### 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)
<b>I Year / I Semester / 2024-2028</b>					
1.	Engineering Mathematics - I U23MATC01	Mr.R.Rajesh	YES	3	YES
2.	Physical Science for Engineers U23BSTC01	Dr.K.Samuvel,/Physics Dr.Bharathy, /Chemistry	YES	3	YES
3.	Programming in C U23CSTC01	Mrs.A.Amala Margret	YES	3	YES
4.	Basics of Civil and Mechanical Engineering U23ESTC01	Mr.S.Prakash / Mctr Mr.Jamenraja, / Civil	YES	3	YES
5.	Engineering Mechanics U23ESTC02	Dr.M.Elangovan	YES	3	YES
6.	Communicative English- I U23ENBC01	Dr.S.Asha Mary	YES	3	YES
<b>II Year / III Semester / 2023-2027</b>					
1.	Probability and Statistics U23MATC03	Mr.R.Rajesh,	YES	3	YES
2.	Programming in Python U23ADTC01	Mrs. S.Subasree,	YES	3	YES
3.	Analog and Digital Electronics U23MCT303	Mrs.S. Kalaimani,	YES	3	YES
4.	Fluid Mechanics and Machinery U23MCT304	Mr. S. Jagan,	YES	3	YES
5.	Mechanics of Solids	Mr.S.Prakash,	YES	3	YES



	U23MCT305				
6.	Sensors Transducers and Measurement systems U23MCB306	Mr.B.Ganesamoorthy	YES	3	YES
<b>III Year / V Semester / 2022-2026</b>					
1	Operations Research for Mechatronics U20BST553	Dr. T. Gayathri	YES	3	YES
2	Control Systems for Mechatronics Systems U20MCT510	Mr.S.Ganesan	YES	3	YES
3	Microprocessors and Controllers U20MCT511	Mr.S.Pushparaj	YES	3	YES
4	CNC and Metrology U20MCT512	Mr.S.Prakash	YES	3	YES
5	Professional Elective –II: Automotive Electronics U20MCE508	Ms.M.Subitha	YES	3	YES
6	Open Elective –II: Conventional and Non – Conventional Energy Sources U20EEO503	Mr.S.Jagan	YES	3	YES
<b>IV Year / VII Semester / 2021-2025</b>					
1.	PLC and Data Acquisition Systems U20MCT717	Mr.D.Tamilselvan	YES	3	YES
2.	Design of Mechatronics System U20MCT718	Mr.P. Rameshkumar	YES	3	YES
3.	Professional Elective – IV Non-Destructive Testing Methods U20MCE716	Dr.G.B.M.Mohanraj	YES	3	YES
4.	Open Elective – IV Supply Chain Management U20MEO707	Mr.S.Saravanan	YES	3	YES

### 3.5 Counseling and Mentoring

No. of Students in Department	Number of Mentors in the Department	Mentor: Mentee Ratio
166	12	1:14

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

#### ODD SEMESTER

#### I Year / I Semester / 2024-2028

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	41	Nil
2	Number of All Clear Students	22	
3	Number of Students passed with Distinction	03	
4	Number of Students passed with First Class	19	
5	Number of Students passed with Second Class	09	
6	Number of Students Failed	19	
7	Passing Percentage	53.65 %	



**II Year / III Semester / 2023-2027**

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	39	Nil
2	Number of All Clear Students	28	
3	Number of Students passed with Distinction	03	
4	Number of Students passed with First Class	22	
5	Number of Students passed with Second Class	03	
6	Number of Students Failed	11	
7	Passing Percentage	61.1%	

**III Year / V Semester / 2022-2026**

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	44	Nil
2	Number of All Clear Students	38	
3	Number of Students passed with Distinction	03	
4	Number of Students passed with First Class	34	
5	Number of Students passed with Second Class	05	
6	Number of Students Failed	02	
7	Passing Percentage	66.66%	

**IV Year / VII Semester / 2021-2025**

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	42	Nil
2	Number of All Clear Students	39	
3	Number of Students passed with Distinction	05	
4	Number of Students passed with First Class	35	
5	Number of Students passed with Second Class	02	
6	Number of Students Failed	03	
7	Passing Percentage	92.85%	

**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	-	
4	Number of students completed the program with backlogs	02	





#### 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	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	35	-
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	40	-
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	50	-
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
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	2021-2022	-	-	-	-	-
2	2022-2023	-		-	-	-
3	2023-2024	04	Scopus	-	-	-
4	2024-2025	06	UGC	-	-	-



**Publication Details for Academic Year consider for Auditing**

Number of Publications in National Journals	-
Number of Publications in International Journals	06
Number of Publications in National Conferences	-
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	-

**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	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	D. R. Srinivasan Nagarajan Nagabhooshanam Balamuruga Mohan Raj G .	SCI	s13399-023-05153-1	h-index





	jackfruit husk biocarbon and Plectranthus amboinicus extracted cobalt nanoparticle	Rajesh Verma · D. Sendil Kumar Raffiunnisa · G. Prakash			
4	Optimization of Heat Transfer Parameter in Fractal Tree Microchannel with Al <sub>2</sub> O <sub>3</sub> 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

**International Journal (2024-2025)**

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	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	-
2	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	-
3	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	-
4	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	-
5	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	-



**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.N o.	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Nil					

**Books / Book Chapters**

S.No.	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Nil			

**Design Patent**

S.No.	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No
1.	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 Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1	Additya S	Eduskills Foundations	2 Months	25.06.2024	10.09.2024
2	Amarnaath S	National Plastic Technologies Ltd	5 Days	09.07.2024	14.07.2024
3	Amarnaath S	National Plastic Technologies Ltd	7 Days	09.07.2024	13.07.2024
4	Anuja K	Lucas TVS Ltd	7 Days	11.07.2024	17.07.2024
5	Arjun T	Lucas TVS Ltd	7 Days	11.07.2024	17.07.2024
6	Arun Prakash NA	Vimkar Contracts Works Ltd	7 Days	08.07.2024	15.07.2024
7	Balajishree V	Innovate	1 Months	26.07.2024	23.08.2024
8	Benson Nestor Lebel E	Eduskills Foundations	2 Months	25.06.2024	10.09.2024





9	Deepak A	Eaton Power Quality Pvt Ltd.	6 Days	09.07.2024	15.07.2024
10	Deepak Alex Thomas	Genzee Technologies	7 Days	10.07.2024	16.07.2024
11	Gokulavasan B	Abirami Enterprises	7 Days	08.07.2024	14.07.2024
12	Gunaseelan N	Vimkar Contracts Works Llp	7 Days	08.07.2024	15.07.2024
13	Harishwar B	Samvardhana Motherson Innovative Solutions Ltd.	6 Days	08.07.2024	14.07.2024
14	Jeeva Harish R	Eaton Power Quality Pvt Ltd.	6 Days	09.07.2024	15.07.2024
15	Jeevabaskar A	Lucas Tvs Ltd	6 Days	11.07.2024	17.07.2024
16	Jeyachandiran D	Samvardhana motherson innovative solutions ltd.	29 Months	08.07.2024	14.07.2024
17	Krishnakanth A	Besova Corporation	6 Days	05.08.2024	04.09.2024
18	Maria Jeffrey S	Eaton power quality pvt ltd.	6 Days	09.07.2024	15.07.2024
19	Navinkumar A	Samvardhana motherson innovative solutions ltd.	7 Days	08.07.2024	14.07.2024
20	Paranjothi A	Abirami Enterprises	7 Days	08.07.2024	14.07.2024
21	Pugazhendhi A	Eaton power quality pvt Ltd.	6 Days	09.07.2024	15.07.2024
22	Rakesh A	Eaton power quality pvt Ltd.	6 Days	09.07.2024	15.07.2024
23	Shakthivelu D	Abirami Enterprises	7 Days	08.07.2024	14.07.2024
24	Sneha S	Lucas Tvs Ltd	7 Days	11.07.2024	17.07.2024
25	Vimalraj V	Samvardhana motherson innovative solutions ltd.	7 Days	08.07.2024	14.07.2024
26	Yuvaraj Sellappa V	Eaton Power Quality Pvt Ltd.	6 Days	09.07.2024	15.07.2024
27	Chandru M	Teachnook	49 Days	01.03.2023	30.04.2023
28	Haripalaa P	Innovate	29 Days	26.07.2024	23.08.2024
29	Padhmesh@Bharathwaaj M	Innovate	29 Days	16.08.2024	13.09.2024

## 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	Whirlpool India Pvt Ltd.Puducherry	07.02.2025	20	20
2	Nippon Electricals Pvt Ltd	11.02.2025	06	06



#### 6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	Adroit Technovations 15A, Pavendhar Street, Thamizh Thai Nagar, Uppalam, Puducherry – 605 001.	22-Feb-2025	Training and Development Activities.	5 years

#### SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	22
Number of Students opted Higher Studies	03
Number of Entrepreneur	04

#### 7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	Anuja K	Tata Consultancy Services - Ninja	3.45
2	Balaji T	Tata Consultancy Services - Ninja	3.45
3	Deepak A	Tata Consultancy Services - Ninja	3.45
4	Gunaseelan N	Tata Consultancy Services - Ninja	3.45
5	Jeeva Harish R	Tata Consultancy Services - Ninja	3.45
6	Jeyachandiran D	Tata Consultancy Services - Ninja	3.45
7	Shakthivelu D	Tata Consultancy Services - Ninja	3.45
8	Sneha S	Tata Consultancy Services - Ninja	3.45
9	Padhmesh@Bharathwaaj M	Tata Consultancy Services - Ninja	3.45
10	Balaji T	LUCAS TVS LTD.	4.37
11	Harri Prasad.R	LUCAS TVS LTD.	4.37
12	Amarnaath.S	LUCAS TVS LTD.	4.37
13	Anuja K	FOXCONN	2.64
14	Deepak A	FOXCONN	2.64
15	Gunaseelan N	FOXCONN	2.64
16	Chandru M	FOXCONN	2.64
17	Rakesh A	FOXCONN	2.64





18	Jeevabaskar A	MANATECH	2.1
19	Adhavan P	Pyung Hwa Pvt. Ltd	3.22
20	Arjun T	Pyung Hwa Pvt. Ltd	3.22
21	Arun Prakash NA	Pyung Hwa Pvt. Ltd	3.22
22	Balajishree V	Pyung Hwa Pvt. Ltd	3.22
23	Bruno Anto E	Pyung Hwa Pvt. Ltd	3.22
24	Gokulavasan B	Pyung Hwa Pvt. Ltd	3.22
25	Hariharan N	Pyung Hwa Pvt. Ltd	3.22
26	Harishwaran S	Pyung Hwa Pvt. Ltd	3.22
27	Jeevabaskar A	Pyung Hwa Pvt. Ltd	3.22
28	Mathews Talma A	Pyung Hwa Pvt. Ltd	3.22
29	Navinkumar A	Pyung Hwa Pvt. Ltd	3.22
30	Pugazhendhi A	Pyung Hwa Pvt. Ltd	3.22
31	Rakesh A	Pyung Hwa Pvt. Ltd	3.22
32	Sathiya S	Pyung Hwa Pvt. Ltd	3.22
33	Thamotharan K	Pyung Hwa Pvt. Ltd	3.22
34	Vimalraj V	Pyung Hwa Pvt. Ltd	3.22
35	Chandru M	Pyung Hwa Pvt. Ltd	3.22
36	Yuvaraj Sellappa V	Bocnain Hydraulics	1.8

## 7.2 Higher Studies

S.No.	Name of the Student	Name of the Institution	Name of Program admitted to
1	Cyril C	University of BONN	Master of Science
2	Muralitharan M	Technische hochschule deggendorf	Master of Science
3	Shanmugadasan R	Nantes Universite	Master of Science

## 7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	Mukesh .V	Hathor Union Private Limited	Software Developer	No.33 G FLOOR ,Bharathi Nagar,Eadayar palayam,Coimbatore North, Coimbatore-641025
2	Mohammed Fadil R	Adroit Technovations	Training and development Activities	15A, Pavendhar Street, Thamizh Thai Nagar, Uppalam, Puducherry -605 001.



## 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
	NIL				

### 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	Ruthresh.A	AICTE IDEA Lab Tech fest 2025	AICTE, Delhi	Cash prize Rs. 1,00,000
2	Yeshwant.N Arulganesh.S Kerrel jeffrey.J Abilash.K	Code War 2.0	Park Engineering College	Cash prize Rs. 5000
3	Tarun.V Aereswaan.R Logeshwaran.P	Project Expo	Puducherry Technological University	Cash prize Rs. 1000
4	Tarun.V Aereswaan.R	Hackathon	Sri Venkateshwara College of Engineering	2 <sup>nd</sup> prize
5	Sri Sanjana.M Aaron Raphael.C Abilash.K	Paper Presentation	Puducherry Technology University	Cash prize Rs. 400
6	Mohamed Hameem Ali.S	Short Flim	Christ College of Engineering & Technology	2 <sup>nd</sup> prize

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

1	Dr.G.B.M.Mohanraj	Member of Robotic Society of India,IIT Madras/ National Level
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**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
1	Mr. S.PRAKASH Assistant Professor, Department of Mechatronics	Elite on NPTEL Certification courses on Experimental Robotics

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

S.No.	Faculty Name	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	Nil			

**9.6. Best Practices followed by the Department**

S.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	MOHAMMED FADIL.R	<a href="mailto:rmohammedfadil@gmail.com">rmohammedfadil@gmail.com</a> 8438752908
2	ROOPASHREE.A	<a href="mailto:roopashreemechat@smvec.ac.in">roopashreemechat@smvec.ac.in</a> 9442189271
3	ANANDHAN. M	<a href="mailto:manjumani8510@gmail.com">manjumani8510@gmail.com</a> 7904532520

**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:**

Student Progression	Student Progression
Curricular Aspects	—
Teaching, Learning and Evaluation	Need to review the slow learners track record.
Structured Feedback	more feedback to be collected from stake holders
Research, Innovation and Publications	—
Collaborations and Linkages	—
Student Progression	—
Activity Conducted / Organized by the Department	—
Achievements	—
General Remarks	—

**Signature of the Internal Academic Audit Experts**

**Dr.K.Hemalatha**  
Associate Professor  
Department of Mechanical Engineering  
SMVEC, Puducherry.

**Dr.D.Raja**  
Associate Professor  
Department of Electrical and Electronics  
Engineering  
SMVEC. Puducherry.





**SRI MANAKULA VINAYAGAR**  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



INTERNAL QUALITY ASSURANCE CELL

## **ACADEMIC AND ADMINISTRATIVE AUDIT**

**DEPARTMENT OF**  
**BIO MEDICAL ENGINEERING**



**ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC  
DEPARTMENT OF BIOMEDICAL ENGINEERING  
Academic Year 2024 - 25  
Internal Audit**

**SECTION -1: BASIC INFORMATION**

Audit Date	08.03.2025							
Name of the Department	BIOMEDICAL ENGINEERING							
Year of Establishment	2019							
Head of the Department	Dr.A.Vijayalakshmi							
Programs Offered	<table border="1"> <tr> <td>Name of the Program</td> <td>Approved Intake</td> </tr> <tr> <td>B.Tech. Biomedical Engineering</td> <td>60</td> </tr> </table>				Name of the Program	Approved Intake	B.Tech. Biomedical Engineering	60
Name of the Program	Approved Intake							
B.Tech. Biomedical Engineering	60							
Programs Discontinued if any								
Number of full time Teachers	Designation	Available	Sanctioned	Filled				
	Professor	1	1	1				
	Associate Professor	1	2	2				
	Assistant Professor	13	6	13				
Number of Technical Staff	2							
Number of Students	For UG -----:		For PG -----:					
	Year	M	F	Total				
	First Year	18	39	57				
	Second Year	22	24	46				
	Third Year	21	34	55				
	Fourth Year	20	19	39				
	Total	81	116	197				
	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	B.Tech Biomedical Engineering	R 2023	04.09.2024

**Summary of changes in Curriculum/syllabus**

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus
Introduced new courses focusing on biomedical applications, advanced technologies for healthcare diagnosis <ul style="list-style-type: none"> <li>Medical Internet of Things</li> <li>Artificial Intelligence and Machine learning in</li> </ul>	New Courses included in the R- 2023 curriculum are <ul style="list-style-type: none"> <li>Design Thinking and IDEA Lab</li> <li>Universal Human Values II</li> <li>Theory cum practical courses</li> <li>Micro and Mini projects</li> </ul>





<ul style="list-style-type: none"> <li>Medicines</li> <li>Medical image processing</li> <li>Medical Informatics</li> <li>Wearable Systems</li> <li>Brain Computer Interface and Application</li> <li>Augmented and Virtual Reality</li> <li>Professional Elective Courses – 6 and Open Elective Courses - 4</li> <li>Skill enhancement courses</li> <li>Certification Courses</li> </ul>	<ul style="list-style-type: none"> <li>Honours / Minor degree Courses</li> <li>Research methodology</li> <li>Embedded Systems for Healthcare</li> <li>Ability enhancement courses</li> <li>Value added courses</li> <li>Mandatory Courses introduced as per NEP</li> <li>Climate Change</li> <li>Right to Information and Good Governance</li> <li>Essence of Indian Traditional Knowledge</li> <li>Gender Equality</li> </ul>
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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	IV/VII	Nanotechnology in Medicine	U20BME720	39
2	III/IV	Computers in Medicine	U20BME510	55

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	ECE	Sensors for Industrial Applications	U20ECO706	39
2	III/IV	MBA	Project Management for Engineers	U20HSO504	55

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	III/IV	Presentation Skills using ICT	U20BMS505	55
2	II/III	Testing and Troubleshooting of Medical Equipment	U23BMS301	46

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/IV	Android Medical App Development	U20BMC506	55
2	II/III	Python Programming	U23BMC375	46
3	I/I	C Programming	U23BMC123	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	IV/VII	Professional Ethics	U20BMM707	39
2	III/IV	Indian Constitution	U20BMM505	55
3	II/III	Climate Change	U23BMM303	46
4	I/I	Induction Program	U23BMM101	57



**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	Introduction to Internet of Things		9	6
2	III / V	Cloud Computing		22	20
3	II / III III / V	Biomedical Nanotechnology		7	7
4	III / V	Introduction to Biostatistics		1	1
5	III / V	Biomedical Ultrasound: Fundamentals of Imaging and Micromachined Transducers		4	4
6	II / III	Design for Biosecurity		3	3
7	IV / VII	Fabrication Techniques for MEMs-Based Sensors: Clinical Perspective		16	11
8	IV / VII III / V	Introduction to Industry 4.0 and Industrial Internet of Things		4	4
9	IV / VII III / V	Medical Image Analysis		3	3
10	III / V	Wild Life Ecology		1	1
11	II / III	Neurobiology		1	1
12	IV / VII	Programming in Java		2	2

**SECTION -3: TEACHING, LEARNING AND EVALUATION**

**3.1 Course Delivery**

**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	Virtual Bioinstrumentation / U20BMT718	Mr.P.Diwakaranand	45	45	48
2	Medical Image Processing / U20BMT719	Mr.K.Babu	45	45	47
3	Professional Elective – IV / Nanotechnology in Medicine / U20BME720	Mr.P.M.Bharath	45	45	47
4	Open Elective – IV / Sensor for Industrial Applications / U20ECO706	Mrs.S.Rajalakshmi	45	45	46
5	Business Basics for Entrepreneur / U20HSP703	Dr.A.Vinoth	30	30	26





6	Virtual Bioinstrumentation Laboratory / U20BMP713	Mr.P.Diwakaranand	30	30	33
7	Medical Image Processing Laboratory / U20BMP714	Mr.K.Babu	30	30	29
8	Comprehensive Viva-voce / U20BMP715	Mr.P.M.Bharath	30	30	26
9	Project Phase – I / U20BMW701	Dr.A.Vijayalakshmi	30	30	48

**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	Bio Statistics / U20BST552	Mrs.M.Sugasini	60	60	62
2	Biomedical Instrumentation / U20BMT511	Dr.A.V.Srinath	45	45	48
3	Microcontroller and Embedded Systems / U20BMT512	Mr.R.Vignesh Raj	45	45	49
4	Biocontrol Systems / U20BMT513	Mrs.N.Radha	60	60	62
5	Professional Elective-II / Computers in Medicine / U20BME510 /	Mrs.S.Suguna	45	45	47
6	Open Elective-II / Project Management for Engineers / U20HS504	Mrs.S.Visalakshi	45	45	48
7	Statistical Laboratory/ U20BSP545	Mrs.M.Sugasini	30	30	33
8	Biomedical Instrumentation Laboratory / U20BMP507	Dr.A.V.Srinath	30	30	30
9	Microcontroller and Embedded Systems Laboratory / U20BMP508	Mr.R.Vignesh Raj	30	30	33
10	Computation Laboratory/ U20BMP507	Mrs.N.Radha	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	Mrs.T.Kalaiselvi	60	60	62
2	Programming in Python / U23ADTC01	Mrs.S.Subasree	45	45	46
3	Biosignals and Systems / U23BMT301	Mrs.S.Rajalakshmi	60	60	63
4	Linear Integrated Circuits / U23ICTC01	Dr.A.Vijayalakshmi	45	45	48
5	Digital Logic Circuits / U23ICTC02	Mrs.S.Arunthathi	60	60	63
6	Pathology and Microbiology / U23BMB301	Mrs.T.Logasundari	60	60	63
7	General Proficiency – I / U23ENPC01	Mrs.G.Namitha	30	30	33
8	Engineering Mathematics Laboratory / U23MAPC01	Mrs.R.Chandraprabha	30	30	33
9	Programming in Python Laboratory / U23ADPC01	Mrs.S.Subasree	30	30	30
10	Linear and Digital Integrated Circuits Laboratory/ U23ICPC01	Mrs.S.Arunthathi	30	30	33

**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	Mrs.M.Sugasini	60	60	62
2	Physical Science for Engineers /U23BSTC01	Ms.M.Iswarya 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	Mr.M.Santhosh Kumar Mrs.A.Kalyani	45	45	48
6	Communicative English-I / U23ENBC01	Ms.S.Jasmine	60	60	64
6	Physiology Laboratory/ U23BMP101	Mr.S.Ashwin	30	30	30
7	Basic Electrical Circuits Laboratory/ U23BMP102	Mr.M.Vadivelan	30	30	33
8	Design Thinking and IDEA Lab / U23ESPC02	Mr.S.Ashwin	30	30	30





Use of ICT Tools in Teaching Learning

**Semester: VII**

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.P.Diwakaranand	Virtual Bioinstrumentation	PPT&Video
2	Mr.K.Babu	Medical Image Processing	PPT
3	Mr.P.M.Bharath	Professional Elective – IV / Nanotechnology in Medicine	PPT&Video
4	Mrs.S.Rajalakshmi	Open Elective – IV / Sensor for Industrial Applications	PPT
5	Dr.A.Vinoth	Business Basics for Entrepreneur	PPT
6	Mr.P,Diwakaranand	Virtual Bioinstrumentation Laboratory	PPT&LabVIEWVideo
7	Mr.K.Babu	Medical Image Processing Laboratory	PPT&Matlab Simulation Video demonstration
8	Mr.P.M.Bharath	Comprehensive Viva-voce	PPT
9	Dr.A.Vijayalakshmi	Project Phase – I	PPT

**Semester: V**

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.M.Sugasini	Bio Statistics	PPT
2	Dr.A.V.Srinath	Biomedical Instrumentation	PPT&Video
3	Mr.R.Vignesh Raj	Microcontroller and Embedded Systems	PPT&Video
4	Mrs.N.Radha	Biocontrol Systems	PPT
5	Mrs.S.Suguna	Professional Elective-II /Bio Telemetry and Telemedicine	PPT&Video
6	Mrs.S.Visalakshi	Open Elective-II / Project Management for Engineers	PPT
7	Mrs.M.Sugasini	Statistical Laboratory	PPT& Video demonstration
8	Dr.A.V.Srinath	Biomedical Instrumentation Laboratory	PPT& Video demonstration
9	Mr.R.Vignesh Raj	Microcontroller and Embedded Systems Laboratory	PPT& Keil Video demonstration
10	Mrs.N.Radha	Computation Laboratory	PPT& Matlab Simulation Video demonstration

**Semester: III**

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	PPT
2	Mrs.S.Subasree	Programming in Python	PPT&Video
3	Mrs.S.Rajalakshmi	Biosignals and Systems	PPT&Video
4	Dr.A.Vijayalakshmi	Linear Integrated Circuits	PPT&Video
5	Mrs.S.Arunthathi	Digital Logic Circuits	PPT&Video
6	Mrs.T.Logasundari	Pathology and Microbiology	PPT&Video
7	Mrs.G.Namitha	General Proficiency – I	PPT
8	Mrs.R.Chandraprabha	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



**Semester: I**

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	Ms.M.Iswarya 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	Mr.M.Santhosh Kumar Mrs.A.Kalyani	Fundamentals of Civil and Mechanical Engineering	CAD Software
6	Ms.S.Jasmine	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 Qualify and Classify a Medical Device	Dr.Monir El Azzouzi	06.07.2024	55
2.	The Modern Integrated Anaesthesia Workstation	Er.Gedeon Ndayishimiye	19.07.2024	85
3	Opportunities and Career Paths for Biomedical Engineers After Graduation	Mr.Khalid Founder	27.07.2024	94
4.	Introduction to Intellectual Property Rights in Biomedical Instrumentation	Dr.P.Jayakumar	29.07.2024	55
5.	Nanoscale Sensors and Actuators	Dr.S.Atheena Milagi Pandian	31.07.2024	55
6.	Medical Equipment 3D Design Simulation with Solidworks Software	Mr.Ashwinraj Rahul	14.08.2024	101
7.	Genomics	Dr.S.Atheena Milagi Pandian	19.08.2024	101
8.	Embedded Systems and its Biomedical Applications	Er.V.Sanjivee	24.08.2024	55
9.	Biosignal Modelling and Simulation	Er.A.Preethika	26.08.2024	46
10	Role of Biomedical	Mr.M.D.Amin	30.08.2024	46
11	Modernized Medicine: Innovations and Future Trends	Dr.S.Atheena Milagi Pandian	13.09.2024	101
12	Microbiology in Medical Device Safety and Regulatory Compliance	Mrs.R.Suganya	26.09.2024	101
13	Introduction for Medical Healthcare IT systems	Eng. Marawan Ashraf Greah	04.10.2024	101
14	Lifeline Behind the Machines: Key Role and Responsibilities of a Biomedical Engineer in Hospitals	Er.S.Chokkalingam	05.10.2024	159





15	Creating a High-Quality Profile through LinkedIn	Ms.Dhanushya	12.10.2024	101
16	Robotics and AI in Health Care	Er.V.Yuvaraj	12.03.2025	55
17	Internet of Medical Things Using Raspberry PI	Dr.B.Ezhilavan	02.09.2024 - 03.09.2024	55
18	Testing and Troubleshooting of Biomedical Equipment	Er.Amal Prasad	18.10.2024 - 19.10.2024	46
19	Essential Healthcare Insights and Vital Parameters Measuring Devices	Er.K.V.Praveen Kumar	15.11.2024	56

**3.3 Activities for Slow and Advanced Learners**  
**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	Virtual Bioinstrumentation	Mr.P.Diwakaranand	Yes	2	Yes
2	Medical Image Processing	Mr.K.Babu	Yes	2	Yes
3	Professional Elective – IV / Nanotechnology in Medicine	Mr.P.M.Bharath	Yes	2	Yes
4	Open Elective – IV / Sensor for Industrial Applications	Mrs.S.Rajalakshmi	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	Bio Statistics	Mrs.M.Sugasini	Yes	2	Yes
2	Biomedical Instrumentation	Dr.A.V.Srinath	Yes	2	Yes
3	Microcontroller and Embedded Systems	Mr.R.Vignesh Raj	Yes	2	Yes
4	Biocontrol Systems	Mrs.N.Radha	Yes	2	Yes
5	Professional Elective-II / Bio Telemetry and Telemedicine	Mrs.S.Suguna	Yes	2	Yes
6	Open Elective-II / Project Management for Engineers	Mrs.S.Visalakshi	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	Mrs.T.Kalaiselvi	Yes	2	Yes
2	Programming in Python	Mrs.S.Subasree	Yes	2	Yes
3	Biosignals and Systems	Mrs.S.Rajalakshmi	Yes	2	Yes
4	Linear Integrated Circuits	Dr.A.Vijayalakshmi	Yes	2	Yes
5	Digital Logic Circuits	Mrs.S.Arunthathi	Yes	2	Yes
6	Pathology and Microbiology	Mrs.T.Logasundari	Yes	2	Yes

**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.M.Sugasini	Yes	2	Yes
2	Physical Science for Engineers	Ms.M.Iswarya 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	Mr.M.Santhosh Kumar Mrs.A.Kalyani	Yes	2	Yes
6	Communicative English-I	Ms.S.Jasmine	Yes	1	Yes

**3.4 Counseling and Mentoring**

No. of Students in Department		Number of Mentors in the Department		Mentor: Mentee Ratio	
197		14		1:14	
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	
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### 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

#### Semester:VII

Sr. No	Particular	UG	PG
1	Number of Students appeared	39	
2	Number of All Clear Students	35	
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	4	
7	Passing Percentage	89.7%	

#### Semester:V

Sr. No	Particular	UG	PG
1	Number of Students appeared	55	
2	Number of All Clear Students	50	
3	Number of Students passed with Distinction	9	
4	Number of Students passed with First Class	42	
5	Number of Students passed with Second Class	4	
6	Number of Students Failed	5	
7	Passing Percentage	90.9%	

#### Semester:III

Sr. No	Particular	UG	PG
1	Number of Students appeared	46	
2	Number of All Clear Students	35	
3	Number of Students passed with Distinction	6	
4	Number of Students passed with First Class	29	
5	Number of Students passed with Second Class	11	
6	Number of Students Failed	11	
7	Passing Percentage	76%	



**Semester:I**

Sr. No	Particular	UG	PG
1	Number of Students appeared	57	
2	Number of All Clear Students	52	
3	Number of Students passed with Distinction	8	
4	Number of Students passed with First Class	45	
5	Number of Students passed with Second Class	4	
6	Number of Students Failed	5	
7	Passing Percentage	91.2%	

**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		

**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	22	
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	188	
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	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





### 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	2024-2025	1	1	-	-	-
2	2023-2024	12	Scopus	-	-	2.7
3	2022-2023	11	-	-	-	-
4	2021-2022	-	-	-	-	-

#### Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	-
Number of Publications in International Journals	5
Number of Publications in National Conferences	-
Number of Publications in International Conferences	14
Number of Books / Book Chapters	4
Number of Patents (Filed)	2
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	Next Generation Smart Bandage with AI Driven Solutions for Chronic Wound Management	Dr.A.Vijayalakshmi	Journal of IoT in Social, Mobile, Analytics, and Cloud	Volume - 7   Issue - 2   June 2025	UGC
2	IOT Based Automated Indoor Hydroponic Farming System	Mrs.T.Logasundari	E3S Web of Conferences	Volume 547 (2024) / 2267-1242	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



### Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	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
2	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
3	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
4	Smart Stammering Speech Converter 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	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No

### Design Patent

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

## 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	Gokularamanan K	Medcuore Medical solutions Pvt Ltd	7 days	12.12.2024	18.12.2024
2	Chandrasekaran K	Medcuore Medical solutions Pvt Ltd	7 days	12.12.2024	18.12.2024
3	Dharani G	East coast hospital internship	6 days	16.12.2024	21.12. 2024
4	Sai Sabure Sonali R	Aarupadai Veedu Hospital Internship	1 Week	4.07.2024	11.07.2024
5	Gopesh Anand M	Aarupadai Veedu Hospital Internship	1 Week	4.07.2024	11.07.2024
6	Jeevapriya V	Bonn SchTering Bio Sciences	10 days	16.12.2024	26.12.2024
7	Pavithra K	Bonn SchTering Bio Sciences	10 days	16.12.2024	26.12.2024
8	VR Thanigaivel	Medcuore Medical solutions Pvt Ltd	1 week	18.12.2024	24.12.2024





9	Dharani G	East coast hospital internship	6 days	16.12.2024	21.12. 2024
10	Sharmila P	East Coast Hospital Internship	1 week	16.12.2024	21.12.2024
11	Logadevi E	East Coast Hospital Internship	1 week	16.12.2024	21.12.2024
12	N Syed Feroz Ahamed	Medcuore Medical solutions Pvt Ltd	1 week	18.12.2024	24.12.2024

## 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	04.10.2024	57	57

## 6.4 Functional Memorandum of Understanding (MoU)

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

## SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	13
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	PREMKUMAR S	Schiller Healthcare India Pvt. Ltd...	3.6 LPA
2	SHANMUGAM P	Schiller Healthcare India Pvt. Ltd...	3.6 LPA
3	AISWARYA V	TCS-NINJA	3.36 LPA
4	CHRISTY N ALBEON LIMAS	TCS-NINJA	3.36 LPA
5	GIRIDHARAN S	TCS-NINJA	3.36 LPA
6	GOVARTHINI S	TCS-NINJA	3.36 LPA
7	JAYACHITRAA B	TCS-NINJA	3.36 LPA
8	KHIRUBA LAKSHMI S	TCS-NINJA	3.36 LPA
9	MEDWIN DEVAKUMAR M	TCS-NINJA	3.36 LPA
10	PRAVIN A	TCS-NINJA	3.36 LPA
11	VISHNU PRIYA D	TCS-NINJA	3.36 LPA
12	THIRUVIGRAM K	TCS-NINJA	3.36 LPA
13	VARSHINI S	TCS-NINJA	3.36 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**

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 Qualify and Classify a Medical Device In Europe	International Society for Technology in Education	06.07.2024	National	55
2.	The Modern Integrated Anaesthesia Workstation	Biomedical Engineering Society of India	19.07.2024	National	85
3	Opportunities and Career Paths for Biomedical Engineers After Graduation	IEI Student Chapter	27.07.2024	National	94
4.	Introduction to Intellectual Property Rights in Biomedical Instrumentation	Research and Development	29.07.2024	National	55
5.	Nanoscale Sensors and Actuators	Institute of Electrical and Electronics Engineers	31.07.2024	National	55
6.	Medical Equipment 3D Design Simulation with Solidworks Software	IEI Student Chapter	14.08.2024	National	101
7.	Genomics	Biomedical Engineering Society of India	19.08.2024	National	101
8.	Embedded Systems and its Biomedical Applications	IEI Student Chapter	24.08.2024	National	55
9.	Biosignal Modelling and Simulation	Institute of Electrical and Electronics Engineers	26.08.2024	National	46
10	Role of Biomedical	International Society for Technology in Education	30.08.2024	National	46
11	Modernized Medicine: Innovations and Future Trends	Institute of Electrical and Electronics Engineers	13.09.2024	National	101
12	Microbiology in Medical Device Safety and Regulatory Compliance	Biomedical Engineering Society of India	26.09.2024	National	101
13	Introduction for Medical Healthcare IT systems	Biomedical Engineering Society of India	04.10.2024	National	101





14	Lifeline Behind the Machines: Key Role and Responsibilities of a Biomedical Engineer in Hospitals	International Society for Technology in Education	05.10.2024	National	159
15	Creating a High-Quality Profile through LinkedIn	IEI Student Chapter	12.10.2024	National	101
16	Robotics and AI in Health Care	International Society for Technology in Education	12.03.2025	National	55
17	Internet of Medical Things Using Raspberry PI	Institute of Electrical and Electronics Engineers	02.09.2024 - 03.09.2024	National	55
18	Testing and Troubleshooting of Biomedical Equipment	Research and Development	18.10.2024 - 19.10.2024	National	46
19	Essential Healthcare Insights and Vital Parameters Measuring Devices	International Society for Technology in Education	15.11.2024	National	56

#### 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
1	Internet of Things	Biomedical Engineering Society of India	29.07.2024	National	8
2	Embedded Systems and its Biomedical Applications	IEI Student Chapter	24.07.2024	National	9
3	Internet of Medical Things Using Raspberry PI	Institute of Electrical and Electronics Engineers	02.09.2024 - 03.09.2024	National	12
4	Testing and Troubleshooting of Biomedical Equipment	Research and Development	18.10.2024 - 19.10.2024.	National	10
5	Essential Healthcare Insights and Vital Parameters Measuring Devices	International Society for Technology in Education	15.11.2024	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	Chandrasekaran K Gokularamanan K and Syed Feroz Ahamad N	Technical Poster Presentation event, "Future of AI in Healthcare" - INVENTE 2024	SSN ENGINEERING COLLEGE	2nd prize
2	Chandrasekaran K Gokularamanan K Syed Feroz Ahamad N Thanigaivel V.R and Praveen M	Reelvolution - INVENTE 2024	SSN ENGINEERING COLLEGE	2nd prize



3	Thanigaivel V.R, Gokularamanan K, and Syed Feroz Ahamad N	HEALTHATHON INVENTE 2024	SSN ENGINEERING COLLEGE	3rd Prize
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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

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	Mr.P.M.Bharath	NPTEL - Top Performing Mentor
2	Mrs.S.Suguna	NPTEL - Top Performing Mentor
3	Mrs.N.Radha	NPTEL - Top Performing Mentor
4	Mr.M.Vadivelan	NPTEL - Top Performing Mentor

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	Medical Device Regulatory Affair	Department of BME, B.V. Raju Institution of Technology	5 Days
		Inculcating Universal Human Values II in Technical Education	All India Council for Technical Education	6 days
		Nanoenabled Wearable Sensors in Healthcare	Dhanalakshmi College of Engineering College, Coimbatore	1 Day
		Recent Trend in Life Science Research	Gojan School of Business and Technology	5 Days
2	Dr.A.V.Srinath	Medical Device Regulatory Affair	Department of BME, B.V. Raju Institution of Technology	5 Days
		Exploring Wearable Tech and AI	Department of BME,	5 Days





		Innovations for personalized Healthcare	Rajalakshmi Engineering College, Chennai.	
		Classics of Neuroscience	NPTEL IIT Madras	3 Months
		Impact of AI and IoT in realworld	Syed Ammal Arts and Science College	8 Days
		ICT for Teaching and Learning	NITTTR, Chennai	5 Days
		Inculcating Universal Human Values II in Technical Education	All India Council for Technical Education (AICTE)	6 Days
		ATAL-Leveraging Healthcare: Innovations, Technology and Applications (HealthITA)	National Institute of Technology Delhi	6 Days
3	Mr.P.M.Bharath	Medical Device Regulatory Affair	Department of BME, B.V. Raju Institution of Technology	6 Days
		Nanoenabled Wearable Sensors in Healthcare	Dhanalakshmi College of Engineering College, Coimbatore	1 Day
		Recent Trend in Life Science Research	Gojan School of Business and Technology	5 Days
		AICTE Training and Learning (ATAL) Academy Online FDP on "Innovation and Design Challenges in Antenna and RF Devices for Next Generation 5G/6G Wireless Communication"	Sri Manakula Vinayagar Engineering College	6 Days
		AICTE Training and Learning (ATAL) Academy Online FDP on "Reconfigurable Intelligent Surfaces for 6G Wireless Communication: Fundamentals to Future Research Directions"	National Institute of Technology, Tiruchirappalli	6 Days
		Sensors and Actuators	NPTEL - AICTE	120 Days
4	Mrs.S.Suguna	Medical Device Regulatory Affairs	Department of Biomedical Engineering, B.V.Raju Institute of Technology	5 days
		Introduction to Internet of Things	NPTEL -AICTE	12 weeks
		Recent trends in Life Science Research	Department of Electronics and Communication Engineering, Gojan School of Business and Technology	5 days
		Inculcating Universal Human Values II in Technical Education	All India Council for Technical Education	6 days
5	Mrs.T.Logasundari	Exploring Wearable Tech and AI Innovations for personalized Healthcare	Department of BME, Rajalakshmi Engineering College, Chennai.	5 Days
		Beginner's Guide to Research: Unleashing Your Curiosity	Chennai Research Foundation & MSME	2 Days
		Biomedical Nanotechnology	NPTEL - AICTE	4 Weeks
		Harnessing Artificial Intelligence for Healthcare Excellence:Innovations, Insights and Impacts"	Department of BME, SRM Institute of Science and Technology, Ramapuram.	6 Days



6	Mr.M.Vadivelan	Exploring Wearable Tech and AI Innovations for Personalized Healthcare	Rajalakshmi Engineering College, Chennai	5 Days
		Emerging Technologies in Robotics and Automation	Siddhartha Institute of Science and Technology, Ananthapuram	7 Days
7	Mr.A.Aravind	Sensors and Measurement	Department of BME, Alpha Engineering College, Chennai.	5 days
		Modern Medical Instrumentation	Department of Biomedical Engineering, SRM Institute of Science and Technology	5 days
		Exploring Wearable Tech and AI Innovations for personalized Healthcare	Department of BME, Rajalakshmi Engineering College, Chennai.	5 days
		Medical Device Regulatory Affair	Department of BME, B.V. Raju Institution of Technology	5 days
8	Mr.K.Babu	NIELT National Institute of Electronics and Information Technology Chennai	Gandhi Mandapam Road Anna university Chennai	5 days
		Bosch Skills India Train the Trainer programme	Bosc Pvt Ltd Bangalore	8 days
		Vel Technologies Sponsored FDP on Emerging Technologies in Robotics and Automation	Siddhartha Institute of Science and Technology	7 days

**9.6 Best Practices followed by the Department.**

S.No	Best Practice	Description
1	Hospital Training	Students undergo structured training in various hospital departments to understand the operation, calibration, and application of medical devices used for diagnosis and treatment
2	Internship	Students are placed in reputed industries and hospitals where they gain hands-on experience in testing, troubleshooting, and maintaining medical devices.
3	Hands-on Training / Workshop on Medical Devices	Specialized workshops and hands-on sessions are conducted to familiarize students with diagnostic, therapeutic, and monitoring devices. Experts from healthcare industries demonstrate equipment operation, ensuring students gain confidence in handling advanced medical technologies.
4	BioDreams Technical Club	Club organizes seminars on emerging trends in biomedical technology, group discussions, and poster presentations. It also promotes teamwork and leadership qualities, while encouraging innovation and technical communication skills relevant to healthcare applications.
5	Biomedical Research Club	Students are encouraged to present innovative project ideas and participate in internal evaluations such as the Smart India Hackathon (SIH). This initiative nurtures creativity, critical thinking, and applied research skills among budding biomedical engineers.





**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. Khirubalakshmi	6379498402
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	Curriculum is well-structured and periodically updated. Introduce AI-applications in relevant courses.
Teaching, Learning and Evaluation	—
Structured Feedback	—
Research, Innovation and Publications	—
Collaborations and Linkages	—
Student Progression	Focus on core company placement and higher studies, entrepreneurship.
Activity Conducted / Organized by the Department	—
Achievements	—
General Remarks	—

R. Anand

Dr.R.Ramachandiran  
Associate Professor  
Department of Computer Science Engineering  
SMVEC, Puducherry

Dr.D.Šivaraj

Dr.D.Šivaraj  
Assistant Professor  
Department of Electrical and Electronics Engineering  
SMVEC, Puducherry





**SRI MANAKULA VINAYAGAR**  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



INTERNAL QUALITY ASSURANCE CELL

## **ACADEMIC AND ADMINISTRATIVE AUDIT**

**DEPARTMENT OF**  
**ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**



## ACADEMIC AND ADMINISTRATIVE AUDIT

(ACADEMIC YEAR 2024 - 2025)

### Internal Audit

#### SECTION -1 : BASIC INFORMATION

Audit Date	8.3.2025		
Name of the Department	B.Tech(Artificial Intelligence and Data Science)		
Year of Establishment	15.06.2020		
Programs Offered	Name of the Program		Approved Intake
	B.Tech(Artificial Intelligence and Data Science)		180
	M.Tech(Artificial Intelligence and Data Science)		30
Head of the Department <sup>1</sup>	Dr. J.MADHUSUDANAN		
Number of full time Teachers	Professor	2	
	Associate Professor	07	
	Assistant Professor	16	
Number of Technical Staff	1		
Number of Students	For B.Tech		For M.Tech
	Year	Strength	
	First Year	180	
	Second Year	122	
	Third Year	123	
	Fourth Year	112	
	Total	537	

#### 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 (UG)	
6	Lesson plan for each Course	Yes	



## 2.2 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1.	Dr. J.Madhusudanan	Board Chairman	UG courses	UG all years
<b>Internal Members</b>				
2.	Dr. M.Auxilia Associate Professor, Department of AI&DS, SMVEC	Subject Expert member	UG / PG courses	UG all years and PG First years
3.	Dr.S.S.Boomiga Associate Professor, Department of AI&DS, SMVEC	Subject Expert member	UG / PG courses	UG all years and PG First years
4.	Mr. K.Pragash Assistant Professor, Department of AI&DS, SMVEC	Subject Expert member	UG / PG courses	UG all years and PG First years
5.	Mr. R.Rajan Assistant Professor, Department of AI&DS, SMVEC	Subject Expert member	UG / PG courses	UG all years and PG First years
6.	Prof. M. Ganesan Assistant Professor, Department of CSE, SMVEC	Subject Expert member	UG / PG courses	UG all years and PG First years
7.	Prof. M. Shanmugam Assistant Professor, Department of CSE, SMVEC	Subject Expert member	UG / PG courses	UG all years and PG First years
8.	Dr. T. Gayathri Professor, Department of Maths, SMVEC	Subject Expert member	UG / PG courses	UG all years and PG First years
9.	Dr. R. Sivakumar Associate Professor, Dept. of MBA, SMVEC	Subject Expert member	UG / PG courses	UG all years and PG First years

## 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.	IV/VII	AI Ethics	U20ADE717	112
2.	III / V	Java Programming	U20ADE507	123

## 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	IT	Automation Techniques & Tools- DevOps	U20ITO705	112
2.	III/V	IT	Mobile App Development	U20ITO504	123

## 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.	III/V	SDC 4: Career and Professional Skill Development Program-	U20ADS504	123

2.	III/V	SDC 5: Presentation Skills using ICT	U20ADS505	123
3.	II/III	SDC 2*: Aptitude - II	U20ADS302	122

## 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	Web Application Development (HTML, CSS, JS)	U23ADC176	180
3.	II/III	Java Programming - III	U20ADC360	122
5.	III / V	Internet of Things	U20ADC556	123

## 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	U20ADM707	112
3.	III / V	Indian Constitution	U20ADM505	123
5.	II/III	Physical Education	U20ADM303	122
7.	I/I	Induction Programme	U23ADM101	180

## SECTION -3: TEACHING, LEARNING AND EVALUATION

### 3.1 Course Delivery

Semester:

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
<b>ODD SEM - UG</b>					
<b>I YEAR / I SEM</b>					
1.	Engineering Mathematics - I U23MATCO1	Mr. Gurusamy Mrs. Deebia	60	60	60
2.	Basics of Electrical and Electronics Engineering U23ESTCO3	Mrs. Anbarasi Mr. Jambulingam Ms. Archana	45	45	45
3.	Programming In C U23CSTCO1	Mrs. V. Selvi Mrs. J. Roselin Lourd Mr. G. Dhanapathy	45	45	45
4.	Digital System Design U23ADT101	Mrs. Kiruthika Dr. Rekha Dr. K. Naveen Kumar	45	45	45



5.	Fundamental of DataScience U23ADTI02	Mrs. S. Lakshmipriya Mrs. A. Keerthika Mrs. P. Kanchana Devi	45	45	45
6.	Communicative English-I U23ENBCO1	Dr. Devi Dr. John Bosco	30	30	30
7.	Programming in C Laboratory U23CSPCO1	Mrs. V. Selvi Mrs. J. Roselin Lourd Mr. G. Dhanapathy	30	30	30
8.	Engineering Graphics using AutoCAD U23ESPCO3	Mr. Hemanth Mrs. Jayabharathy	30	30	30
9.	Fundamental of Data Science Laboratory U23ADP101	Mrs. S. Lakshmipriya Mrs. A. Keerthika Mrs. P. Kanchana Devi	30	30	30
<b>II YEAR / III SEM</b>					
1.	Probability and Statistics U23MATC03	Mr.R.Vijaya Kumar	60	60	60
2.	Software Engineering and Agile Software Development U23ADT304	Mrs.N.Jayapratha Mrs.M.M.Meenakshi	45	45	45
3.	Artificial Intelligence & Expert System U23ADT305	Mrs.Keerthika Mr.K.Muthukumaran	45	45	45
4.	Basic Machine Learning Techniques U23ADT306	Mrs.A.Ilakkia Mrs.S.Lakshmipriya	45	45	45
5.	Universal Human Values-II U23HSTC01	Dr.M.Auxilia	45	45	45
6.	General Proficiency-I U23ENPC01	Ms.Subavathi	45	45	45
7.	Engineering Mathematics Laboratory U23MAPC01	Mr.R.Vijaya Kumar	30	30	30
8.	Artificial Intelligence& Expert System Laboratory U23ADP303	Mrs.A.Keerthika Mr.K.Muthukumaran	30	30	30
9.	Basic Machine Learning Techniques Laboratory U23ADP304	Mrs.A.Ilakkia Mrs.S.Lakshmipriya	30	30	30
10.	Design and Analysis of Algorithms U23ADB301	Dr.J.Madhusudanan Ms.Sasikala .I	30	30	30
<b>III YEAR / V SEM</b>					
1.	Operational Research U20BST551	Mr. V. Vasanth	60	60	60
2.	Deep Learning U20ADT508	Mr.K.Pragash Ms.S.Aishwarya	45	45	45
3.	Image Processing and Computer Vision U20ADT509	Ms.P.Rubavathi Ms.S.Aishwarya	45	45	45
4.	Big Data Tools and Techniques U20ADT510	Ms.Kanimozhi .D Mr.K.Muthukumaran	45	45	45

5.	Professional Elective - II (Programming in Java) U20ADE507	Ms.V.Shivaeeshwary	45	45	45
6.	Open Elective – II (Mobile App Development) U20ITO504	Mrs.L.Durgadevi Mrs.E.Valarmathi	45	45	45
7.	Deep Learning Laboratory U20ADP508	Ms.V.Shivaeeshwary	30	30	30
8.	Image Processing and Computer Vision Laboratory U20ADP509	Ms.P.Rubavathi Ms.S.Aishwarya	30	30	30
9.	Big Data Tools and Techniques Laboratory U20ADP510	Ms.Kanimozhi .D Mr.K.Muthukumaran	30	30	30

#### IV YEAR/VII SEM

1.	Robotic and Automation U20ADT715	Mrs.Geethalakshmi .T Mr.G.Dhanapathy	45	45	45
2.	IoT Systems and Analytics U20ADT716	Ms.Karishma .S Ms. Ashtalakshmi .M	45	45	54
3.	AI Ethics U20ADE717	Mrs.P.Kanchana Devi Ms.Revathy .A	45	45	52
4.	Automation Techniques & Tools- DevOps U20ITO705	Mr.R.Vijaya Prabhu Mr.T.Maheswaran	45	45	54
5.	Business Basics for Entrepreneur U20HSP703	Dr.S.Pougajendy Ms.S.Visalakshi	30	30	30
6.	IoT Systems and Analytics Laboratory U20ADP714	Ms.Karishma .S Mrs.M.Maragadhavalli Meenakshi	30	30	30
7.	Robotic and Automation Laboratory U20ADP715	Mr.G.Dhanapathy Ms.Priyadharshini .S	30	30	30
8.	Comprehensive Viva-Voce U20ADP716	Ms.M.Subashini Ms.Priyadharshini .S	30	30	30
9.	Project Phase I U20ADW701	Mrs.V.Selvi Mrs.J.Roselin Lourd	60	60	60
10.	Internship/Inplant Training U20ADW702	Mrs.S.Lakshmi Priya Ms.M.Subashini	-	-	-

#### ODD SEM - PG

#### I YEAR / I SEM

1.	Probability and Statistics P23MAT105	Mrs.M.Sugasini	60	60	60
2.	Machine Learning Algorithms P23ADT101	Ms.S.Aishwarya	45	45	45
3.	Computing Systems for Data Science P23ADT102	Mrs.A.Keerthika	45	45	45



4.	Artificial Intelligence and Intelligent Systems P23ADT103	Mr.K.Pragash	45	45	45
5.	Research Methodology and IPR P23HSTC01	Mrs.J.Roselin Lourd	30	30	30
6.	Professional Elective-I: Python for Data Science P23ADE101	Mrs.M.M.Meenakshi	45	45	45
7.	Machine Learning Algorithms Laboratory P23ADP101	Mrs.P.Kanchanadevi	45	45	45
8.	Technical Report Writing and Seminar P23HSPC01	Mr.K.Muthukumaran	45	45	45
9.	Probability and Statistics P23MAT105	Mrs.M.Sugasini	60	60	60
10.	Machine Learning Algorithms P23ADT101	Ms.S.Aishwarya	45	45	45
<b>II YEAR / III SEM</b>					
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	Ms. M. Subashini	45	45	45
3	Professional Elective – VI: Ethics in AI and Data Science P23ADE328	Dr. M. Auxilia	45	45	45
4	Project Phase - I P23ADW301	Mrs. J. Roselin Lourd	30	30	35
5	Internship P23ADW302	Ms. M. Subashini	20	20	20

### 3.2 Use of ICT Tools in Teaching Learning

Semester:

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
<b>I YEAR / I SEM</b>			
1.	Mr. Gurusamy Mrs.Deebia	Engineering Mathematics – I Calculus and Linear Algebra	PPT / lecture videos
2.	Mrs. Anbarasi Mr. Jambulingam Ms. Archana	Basic Electrical and Electronics Engineering	PPT / lecture videos/animated videos
3.	Mrs. Kiruthika Dr. Rekha Dr. K. Naveen Kumar	Digital System Design	PPT /lecture videos/animated videos

4.	Mrs. V. Selvi Mrs. J. Roselin Lourd Mr. G. Dhanapathy	Computer Programming – I (Programming In C)	PPT /lecture videos/animated videos
5.	Mrs. S. Lakshmipriya Mrs. A. Keerthika Mrs. P. Kanchana Devi	Fundamental of Data Science	PPT /lecture videos/animated videos
<b>II YEAR / III SEM</b>			
1.	Mr.R.Vijaya Kumar	Probability and Statistics for Data Science	PPT /lecture videos
2.	Mrs.N.Jayapratha Mrs.M.M.Meenakshi	Software Engineering and Agile Software Development	PPT /lecture videos/animated videos
3.	Mr.K.Muthukumaran / Ms.V.Shivaeeshari	Operating System Internals	PPT /lecture videos/animated videos
4.	Mrs.M.Kalaivani / Ms.T.Geethalakshmi	Algorithm Design and Analysis	PPT /lecture videos/animated videos
5.	Mr.G.Kaliyaperumal / Mr.K.Pragash	Fundamentals of Artificial Intelligence	PPT /lecture videos/animated videos
6.	Mrs.A.Ilakkia Mrs.S.Lakshmipriya	Basic Machine Learning Techniques	PPT /lecture videos/animated videos
<b>III YEAR / V SEM</b>			
1.	Mr.V.Vasanth	Operational Research	PPT /lecture videos
2.	Mr.K.Pragash Ms.S.Aishwarya	Deep Learning	PPT /lecture videos/animated videos
3.	Ms.Rubavathi .P Ms.S.Aishwarya	Image Processing and Computer Vision	PPT /lecture videos/animated videos
4.	Ms.Kanimozhi .D Mr.K.Muthukumaran	Big Data Tools and Techniques	PPT /lecture videos/animated videos
5.	Ms.V.Shivaeeshwary	Professional Elective - II (Programming in Java)	PPT /lecture videos/animated videos
6.	Mrs.L.Durgadevi Mrs.E.Valarmathi	Open Elective – II (Mobile App Development)	PPT /lecture videos/animated videos

### 3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audiance
-				

### 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)
<b>I YEAR / I SEM</b>					



1.	Engineering Mathematics – I Calculus and Linear Algebra	Mr.Gurusamy	Yes	03	Yes
2.	Basic Electrical and Electronics Engineering	Mrs.Anbarasi / Mr.Jambulingam / Mrs.Archana	Yes	03	Yes
3.	Programming In C	Mrs. V.Selvi / Mrs.J.Roselin Lourd / Mr.G.Dhanapathy	Yes	03	Yes
4.	Digital System Design	Mrs.Kiruthika /Dr.Rekha / Dr.K.Naveen Kumar	Yes	03	Yes
5.	Fundamental of Data Science	Mrs.S. Lakshmi priya /Mrs.A.Keerthika / Mrs.P.Kanchana Devi	Yes	03	Yes
6.	Communicative English - I	Dr.Devi / Mr.John Bosco	Yes	03	Yes
<b>II YEAR / III SEM</b>					
7.	Probability and Statistics	Mr.R.Vijaya Kumar	Yes	03	Yes
8.	Software Engineering and Agile Software Development	Mrs.M.M.Meenakshi / Mrs.N.Jayapratha	Yes	03	Yes
9.	Artificial Intelligence & Expert System	Mrs.Keerthika / Mr.K.Muthukumaran	Yes	03	Yes
10.	Basic Machine Learning Techniques	Mrs.S.Lakshmi priya / Mrs.A.Ilakkia	Yes	03	Yes
11.	Universal Human Values-II	Dr.M.Auxilia	Yes	03	Yes
12.	General Proficiency – I	Ms.Subavathi	Yes	03	Yes
<b>III YEAR / V SEM</b>					
13.	Operations Research	Mr.V.Vasanth	Yes	03	Yes
14.	Deep Learning	Mr.K.Pragash / Ms.S.Aishwarya	Yes	03	Yes
15.	Image Processing and Computer Vision	Mr.R.Rajan / Ms.Rubavathi .P	Yes	03	Yes
16.	Big Data Tools and Techniques	Ms.Kanimozhi .D / Mr.K.Muthukumaran	Yes	03	Yes
17.	Professional Elective - II (Java Programming)	Ms.V.Shivaeeshwary	Yes	03	Yes
18.	Open Elective – II (Mobile App Development)	Ms.L.Durgadevi / Mrs.E.Valarmathi	Yes	03	Yes
<b>IV YEAR / VIII SEM</b>					
19.	Robotic and Automation	Mr.G.Dhanapathy/ Mrs.Geethalakshmi .T	Yes	03	Yes
20.	IOT Systems and Analytics	Ms.Karishma .S /Ms. Ashtalakshmi .M	Yes	03	Yes

21.	AI Ethics	Mrs.P.Kanchana Devi /Ms.Revathy .A	Yes	03	Yes
22.	Automation Techniques and Tools - DevOps	Mr.R.Vijaya Prabhu / Mr.T.Maheswaran	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 Full Time Teachers in the Department	Mentor : Mentee Ratio
UG – 537 & PG - 16	25	1 :20

### 3.6 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	–

### 3.7 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	<b>.Mention the target: 3 Benchmark:</b> 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 <b>Target: Level 3</b>
4	PSO and PO attainment through CO	Yes	-

### 3.8 Student Performance in End Semester Examination

UG

Semester – I (Batch 2024 – 2028)

Sr. No	Particular	B.Tech A Section	B.Tech B Section	B. Tech C Section
1	Number of Students appeared	60	60	60



2	Number of All Clear Students	40	45	41
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	20	15	19
7	Passing Percentage	66.67%	75%	68.33%

### Semester – III (Batch 2023 – 2027)

Sr. No	Particular	B.Tech A Section	B.Tech B Section	M. Tech
1	Number of Students appeared	61	61	-
2	Number of All Clear Students	42	53	-
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	19		-
7	Passing Percentage	69 %	86.89%	-

### Semester – V (Batch 2022 – 2026)

Sr. No	Particular	B.Tech A Section	B.Tech B Section	M. Tech
1	Number of Students appeared	62	60	-
2	Number of All Clear Students	60	56	-
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	2	4	-
7	Passing Percentage	96.77%	93.33%	-

### Semester – VII (Batch 2021 – 2025)

Sr. No	Particular	B.Tech A Section	B.Tech B Section	M. Tech
1	Number of Students appeared	56	56	-
2	Number of All Clear Students	54	56	-
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	02	-	-
7	Passing Percentage	96%	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	Batch(2021 – 2025) 112	Batch(2022 – 2026) 123	Batch(2023 – 2027) 122	Batch(2024 – 2028) 179	Batch(2023 – 2025) 7	Batch(2024 – 2026) 9	-
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	36	42	12	10	-	-	-
3	Student Exit Survey conducted and Analysed	Yes	40	123	122	179	7	9	-
4	Alumni Feedback conducted and Analysed	-	40						-

## 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 Consutancy
NIL					



### Publication Details (Last Four Years)

### Publication Details for Academic Year consider for Auditing

National JournalInternational Journal

## National Conference

## 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
-						

**Books / Book Chapters**

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

**Patent**

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

**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.	Feron Arockiam S	Kore.ai	1 Year 8 Months	01.11.23	21.05.25
2.	Chandrakumar K	Kore.ai	1 Year 8 Months	01.11.23	21.05.25
3.	Rahul G	Kore.ai	1 Year 8 Months	01.11.23	21.05.25
4.	Aatif Ahamed J	ZOHO CliqTrix'24	4 Months	06.02.24	06.05.24
5.	Mohammed Feroz A	ZOHO CliqTrix'24	4 Months	06.02.24	06.05.24
6.	Sivapriyan M	ZOHO CliqTrix'24	4 Months	06.02.24	06.05.24
7.	Karthikeyan M	ZOHO CliqTrix'24	4 Months	06.02.24	06.05.24
8.	Deepak P	ZOHO	6 Months	16.05.24	02.09.24
9.	Rohit S K	ZOHO	6 Months	16.05.24	02.09.24



10.	Niranjana S	CONTENTSTACK	7 Months	06.01.25	03.08.25
11.	Mohammed Feroz A	TECHOLUTION	1 Year	17.07.24	01.07.25
12.	Bhuvaneshwaran G	ZOHO	3 Months	10.09.24	20.12.24
13.	Preetha A	TECHOLUTION	1 Year	01.08.24	01.08.25
14.	Srimathi R	Zitrino	3 Months	25.11.24	10.02.25
15.	Abdullah S	Naghavi Financial Services Pvt. Ltd	3 Months	17.06.24	03.10.25
16.	Aravindhan A	Naghavi Financial Services Pvt. Ltd	3 Months	17.06.24	03.10.25
17.	Sharal Priya M	Larsen & Toubro	2 Months	17.06.24	20.07.24
18.	Aravindhan A	IINVSYS Private Limited	6 Months	19.12.24	27.04.25
19.	Raj Mohan K	Naghavi Financial Services Pvt. Ltd	3 Months	17.06.24	03.10.25
20.	Parameshwaran N	Naghavi Financial Services Pvt. Ltd	3 Months	17.06.24	03.10.25
21.	Surya R	Naghavi Financial Services Pvt. Ltd	3 Months	17.06.24	03.10.25
22.	Sriram R	Naghavi Financial	3 Months	17.06.24	03.10.25

		Services Pvt. Ltd			
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## 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

## 6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	Cognizant Technology Solutions	2024	Student Career Development	3 Years

## SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	91
Number of Students opted Higher Studies	05
Number of Entrepreneur	-

## 7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	Niranjan S	CONTENTSTACK	11.77 LPA
2	Pretheba M	MULTICORE WARE	7.2 LPA
3	Sakthimalai P	MULTICORE WARE	7.2 LPA
4	Yuvanthikhaa A	SOCIETE CENERALE	5.6 LPA
5	Rohit SK	ZOHO	7 LPA
6	Deepak P	ZOHO	7 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 / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1.	Distributed Machine Learning	AI&DS	19-07-2024	State	112
2.	AI in autonomous System	AI&DS	19-07-2024	State	122
3.	Why Choose AI for real time applications	AI&DS	19-07-2024	State	123
4.	AI for social Robotics	AI&DS	27-07-2024	State	123
5.	AI ethics and Fairness	AI&DS	02-08-2024	State	122
6.	Agentic AI	AI&DS	10-08-2024	State	112
7.	Augmented Learning	AI&DS	10-08-2024	State	123
8.	The impact of AI on enhancing energy efficiency in smart buildings.	AI&DS	24-08-2024	State	123
9.	Artificial Intelligence in intelligent manufacturing	AI&DS	24-08-2024	State	122
10.	Artificial Intelligence Education	AI&DS	14-09-2024	State	112
11.	Machine learning techniques for real-time language translation in social media platforms.	AI&DS	14-09-2024	State	122
12.	Developing AI algorithms for early detection of chronic diseases using patient data	AI&DS	14-09-2024	State	123
13.	A generative AI reality check	AI&DS	28-09-2024	State	180

14.	Facial Recognition	AI&DS	28-09-2024	State	112
15.	AI in space exploration: Automated data analysis and interpretation.	AI&DS	28-09-2024	State	122
16.	AI in criminal justice systems	AI&DS	04-10-2024	State	180
17.	Machine learning for automated content moderation on social platforms	AI&DS	04-10-2024	State	112
18.	Autonomous Automobiles	AI&DS	18-10-2024	State	180
19.	The use of AI in detecting and combating online misinformation.	AI&DS	04-11-2024	State	180
20.	Building your professional career:Strategies for successful placement	AI&DS	23-11-2024	State	180

#### SEMINAR

1	Machine Learning and the climate Grand Challenges	AI&DS	27-07-2024	State	112
2	towards Autonomous Driving in Dense.Heterogeneous and Unstructured Environments	AI&DS	27-07-2024	State	122
3	Leveraging AI and ML for Innovative Solutions and Entrepreneurial Success	AI&DS	04-10-2024	State	123
4	Hands on Deep Learning real time applications	AI&DS	10-10-2024	State	123
5	Hands on Robotic Process Automation	AI&DS	15-11-2024	State	180

#### WORKSHOP

1	Predictive Climate Analytics Using ML	AI&DS	27-07-2024	State	112
2	Smart Mobility: Autonomous Systems in Unstructured Environments	AI&DS	27-07-2024	State	122
3	Geospatial Intelligence using Machine Learning	AI&DS	27-07-2024	State	112



4	Crack the Code: A workshop on Problem-Solving, Data Structures and Algorithmic Thinking for Innovative Solutions	AI&DS	13/09/2024	State	122
5	Building Real-World AI with Deep Learning	AI&DS	10-10-2024	State	123
6	Intelligent Automation: RPA Meets AI	AI&DS	15-11-2024	State	180

## 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	Narmadha D Vaishal Malu Hemajothi Selvam Siddarth S	INNOVATORS DAY 2024	Sri Manakula Vinayagar Engineering College	I Prize won a cash prize of ₹10,000
2	Narmadha D Vaishal Malu Hemajothi Selvam Siddarth S	MedAiCon'24	Rajalakshmi Engineering College's Department	I Prize and awarded a cash prize of Rs.10,000
3	Hemajothi S Vaishal Malu Vijay velu Priyadharshini	Pitch-A-Thon 2024	VIT	I Prize and awarded a cash prize of Rs.25,000
4	Narmadha D Vaishal Malu Devishri I	AI Tech Forge	Sri Manakula Vinayagar Engineering College	Ist prize

5	Vaishal Malu. K	District-Level Yuva Utsav 2024	Nehru Yuva Kendra under Ministry of Youth Affairs & Sports, Villupuram.	<b>I Prize and awarded a cash prize of Rs.3000</b>
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**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	Board Chairman
2.	Dr.M.Auxilia	Subject Expert member
3.	K.Pragash	Subject Expert member
4.	R.Rajan	Subject Expert member

**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	ICERCS2024 - Karpagam Academy of Higher Education
2	Mrs.P.Kanchanadevi	ICERCS2024 - Karpagam Academy of Higher Education
3	Mrs.Ilakkia	ICERCS2024 - Karpagam Academy of Higher Education

**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
1	Dr.M.Auxilia	Best Paper Award
2	Mrs.M.M.Meenakshi	Best Paper Award
3	Mrs.M.M.Meenakshi	NPTEL Discipline Star 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.J.Madhusudanan	Faculty Development Program on Generative AI	National Skill Development Corporation and Skill India (IMARTICUS Learning)	2 Days
2	Dr. M. AUXILIA	"3rd National Level workshop on Curriculum Design & Credit Framework alignment with NEP 2020" for Higher Educational Institution	Institute for Academic Excellence (IAE)	1 Day
		Faculty Development Programme on "Speech Recognition and Text Analytics using Generative AI “	Department of Information Technology, Stanley College of Engineering & Technology for Women, Hyderabad.	5 Days
		Faculty Development Program on AI for Future	Electronics and ICT Academy, IIT Roorkee in association with KG Reddy College of Engineering & Technology, Hyderabad	6 Days
		6th International Conference On Innovative Trends In Information Technology	IIIT,Kottayam, Kerala	2 Days
		6th IEEE International Conference on Systems, Computation, Automation, and Networking	MIT, Puducherry	2 Days
		International Conference on Leveraging Technology and Analytics for Sustainable Business Growth: Innovations in Management, AI and CSR	St. Francis College, Bangalore	2 days
		International Conference On Next-Gen	RVS, Technical Campus, Coimbatore	1 day

		Engineering And Smart Technologies		
		Python for Data Science	NPTEL-IIT	4 weeks
		HPC Master Trainer Program	AICTE and C-DAC	2 Weeks
3	Mr. K. PRAGASH	6th International Conference On Innovative Trends In Information Technology	IIIT,Kottayam, Kerala	2 Days
		Data Analytics Using Python	ICT ACT	5 Days
4	Mr. R. RAJAN	International Conference On Emerging Research In Computational Science	KAHE	3 Days
		6th International Conference On Innovative Trends In Information Technology	IIIT,Kottayam, Kerala	2 Days
		Faculty Development Program On Generative AI	National Skill Development Corporation and Skill India (IMARTICUS Learning)	2 Days
		Deep Learning	NPTEL-AICTE	12 weeks
		Foundation Micro - Credential & Designer Core	EduSkills-Alteryx SparkED Educator	2 Days
5	Mrs.M. MARAGADHAVALLI MEENAKSHI	Faculty Development Program On Generative Ai	National Skill Development Corporation and Skill India (IMARTICUS Learning)	2 Days
		6th International Conference On Innovative Trends In Information Technology	IIIT,Kottayam, Kerala	2 Days
		Introduction To Machine Learning	NPTEL-AICTE	12 weeks
		Artificial Intelligence: Knowledge Representation And Resoning	NPTEL-AICTE	12 weeks
		Data Science For Engineers	NPTEL-AICTE	8 weeks



		Nptel Star Felicitation Event	IIT Madras	1 Day
		Recent Trends And Predictions To Cyber Security	Madanapalle Institute of Technology & Science	6 Days
		6th International Conference On Innovative Trends In Information Technology	IIIT, Kottayam, Kerala	2 Days
		Machine Learning Techniques	EGS Pillay Engineering College	1 Week
		Emerging Trends In Data Analytics	Saveetha College of Liberal Arts and Science(IIC)	5 Days
		Artificial Intelligence And Machine Learning	Wipro TalentNext	4 months
		Cloud Computing With Big Data	Wipro TalentNext	4 months
		Generative AI	IMARTICUS Learning	2 Days
6	Mr. K. MUTHUKUMARAN	International Conference On Emerging Research In Computational Science	KAHE	3 Days
		Python For Data Science	ICT ACT	5 Days
7	Ms. V. SHIVAEESHWARY	Faculty Development Program On Generative Ai	National Skill Development Corporation and Skill India (IMARTICUS Learning)	2 Days
8	Ms. S. AISHWARYA	Natural Language Processing	NPTEL-AICTE	12 Weeks
		Short Term Programme On Research Methodology & Data Analysis	IIT Dhanbad	6days

		Recent Trends And Predictions In Cyber Security	Madanapalle institute of technology and science	6 days
		Deep Learning With Pytorch:Image Segmentation	Coursera	1day
		Probability And Statistics Essentials For Data Science & ML	A2Z Edu Learning Hub LLP	5days
		Graph Based Technique In Secure Network Cryptography	Saveetha College of Liberal Arts & Sciences	1day
		Data Science And Visualization Usin Knime & Python	A2Z Edu Learning Hub LLP	2days
		Natural Language Processing Projects	Great Learning Academy	1day
9	Mrs. S. LAKSHMIPRIYA	Faculty Development Program On Generative Ai	National Skill Development Corporation and Skill India (IMARTICUS Learning)	2 Days
		Recent Trends And Predictions To Cyber Security	Madanapalle Institute of Technology & Science	6 Days
		Inculcating Universal Human Values In Technical Education - I	AICTE	5 Days
		Basics Of Python	Infosys	1 Day
		Python For Data Science	Infosys	1 Day
		Introduction To Python	Infosys	1 Day



		Explore Machine Learning Using Python	Infosys	1 Day
		Database Solutions Expert	WIPRO	19 Days
		Research Opportunities In Bot Detection In Twitter	Puducherry technological University	2 Days
10	Mrs. A. ILAKKIA	Virtusa Technology Orientation For Faculty (Vtof) Under Java.	Virtusa	1 Months
		Python For Data Science	NPTEL AICTE	4 weeks
		Explore Machine Learning Using Python	Infosys	5 Days
		Data Science For Engineers	NPTEL IIT Madras	2 Months
		Current Trends In Technology	Departments of Computer Application and Electronics & Communication Science Shift I	6 Days
		Introduction To Machine Learning	NPTEL-AICTE	3 Months
		International Conference On Emerging Research In Computational Science	KAHE	3 Days
		Emerging Trends In Data Analytics	Saveetha College of Liberal Arts and Science(IIC)	5 Days
		Palo Alto Cloud Security Fundamentals	ICT Academy	5 days
11	Mrs. P. KANCHANA DEVI	Natural Language Processing For Developers	Infosys	1 Day
		Virtusa Technology Orientation For Faculty (Vtof) Under Java.	Virtusa	1 Months

		Machine Learning And Nlp Using Python	Infosys	5 Days
		Data Science For Engineers	NPTEL IIT Madras	2 Months
		Current Trends In Technology	Departments of Computer Application and Electronics & Communication Science Shift I	6 Days
		Recent Trends And Predictions To Cyber Security	Madanapalle Institute of Technology & Science	6 Days
		Short -Term Program On Research Methodology & Data Analysis	IIT Dhanbad	6 Days
		International Conference On Emerging Research In Computational Science	KAHE	3 Days
		Ethics In The Teaching Profession	IIT Madras	5 Days
		Emerging Trends In Data Analytics	Saveetha College of Liberal Arts and Science(IIC)	5 Days
		6th Ieee International Conference On System Computation, Automation, And Networking	MIT	2 Day
		One Month Online Faculty Induction Program	Malaviya Mission Teacher Training Program-UGC	1 Month
		Intellectual Property Utsav	AICTE-MIC	6 Days
		Python For Data Science	Infosys	1 Day
		2 Nd Ieee International Conference On Emerging Trends In Engineering And Medical Sciences	Yeshwantrao chavan college of engineering, Nagpur	2 Days



12	Mrs. V. SELVI	Palo Alto Cloud Security Fundamentals	ICT Academy	5 Days
		Faculty Development Program On Generative Ai	National Skill Development Corporation and Skill India (IMARTICUS Learning)	2 Days
		Faculty Development Program On Palo Alto Cloud Security Fundamentals	ICT Academy	5 Days
		Cloud Security Fundamentals	Palo Alto Networks- Cyber Security Academy	5 Days
		Inculcating Universal Human Values In Technical Education - I	AICTE	5 days
		Palo Alto Networks Authorized Cybersecurity Academy Instructor	ICT Academy	1 Day
		Artificial Intelligence For Disaster Resilience And Sustainable Development	JAWAHARLAL NEHRU UNIVERSITY (ATAL)	6 Days
		Devops For Cloud Native Development : Containers , Kubernetes And Ci/Cd Pipelines	Sri Venkateshwaraa College of Engineering and Technology (ATAL)	6 Days
13	Mrs. A. KEERTHIKA	Faculty Development Program On Palo Alto Cloud Security Fundamentals	ICT Academy	5 Days
		Cloud Security Fundamentals	Palo Alto Networks- Cyber Security Academy	1 Day
		Faculty Development Program On Generative Ai	National Skill Development Corporation and Skill India (IMARTICUS Learning)	2 Days

		Python Fundamentals For Beginners	Great Learning Academy	1 Day
		Mastering The Basics Of Microsoft Excel	Alison Empower Yourself – CDP Certification Service	1 Day
		Introduction To Artificial Intelligence	Great Learning Academy	1 Day
14	Mrs. N. JAYAPRATHA	Faculty Development Program On Palo Alto Cloud Security Fundamentals	ICT Academy	5 Days
		Cloud Security Fundamentals	Palo Alto Networks- Cyber Security Academy	1 Day
		Faculty Development Program On Generative Ai	National Skill Development Corporation and Skill India (IMARTICUS Learning)	2 Days
		Inculcating Universal Human Values In Technical Education - I	AICTE	5 days
		Recent Trends And Predictions To Cyber Security	Madanapalle Institute of Technology & Science	6 days
		Ai And Data Science In Small Business: Transforming The Future Of Business	AICTE	6 days
		Machine Learning Techniques	EGS Pillay Engineering College	8 days
		Mastering The Data Visualization: A Hands - On Approach With Power Bi	AICTE	6 days
		Ethics In The Teaching Profession	IIT Madras	5 days
		6th Ieee International Conference On System Computation, Automation, And Networking	MIT	2 days



		Power Bi A-Z: Hands On Power Bi Training For Data Science	Udemy	1 day
15	Ms.M.SUBASHINI	Cloud Security Fundamentals	PaloAlto Networks, Cyber Security Academy	1 Day
		Ict Academy	Palo Alto Cloud Security Fundamentals	5 Days
16	Mrs. J. ROSELIN LOURD	Inculcating Universal Human Values In Technical Education - I	AICTE	5 Days
		A Grade In The Short-Term Program On Research Methodology & Data Analysis	Department of Management Studies & Industrial Engineering IIT(ISM) Dhanbad, Jharkhand	6 Days
		Recent Trends And Predictions In Cyber Security	Madanapalle Institute of Technology and Science	6 Days
		Nptel - Python For Data Science	AICTE	3 Months
17	Mr. G. DHANAPATHY	Inculcating Universal Human Values In Technical Education - I	AICTE	5 Days
		Building Web Development Solutions With Cloud Computing	Next Gen Employability Program	5 Days
		Internet Of Things	ICT Academy	5 Days
18	Mrs. S. INDIRA	Inculcating Universal Human Values In Technical Education - I	AICTE	5 Days

#### 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	Consider periodic reviews and updates to the curriculum, incorporating industry trends and emerging topics to ensure ongoing relevance and alignment with evolving educational standards.
Teaching, Learning and Evaluation	Encourage continuous professional development for faculty, emphasizing innovative teaching methodologies and incorporating technology to enhance the learning experience.
Structured Feedback	Implement a comprehensive feedback analysis system to identify trends and areas for improvement, fostering a culture of responsiveness to student needs and concerns.
Research, Innovation and Publications	Strengthen support for faculty research initiatives, incentivize collaborative interdisciplinary projects, and establish mechanisms to enhance the visibility and impact of research outcomes.
General Remarks	Establish a continuous improvement framework, fostering a culture of feedback, and implement regular self-assessment practices to ensure sustained excellence.

**Signature of the Internal Academic Audit Experts**

Dr.R.Saravanan  
Professor  
Department of Information Technology,  
SMVEC



Dr. J. Pavalavana pandian  
Associate Professor  
Department of Mechanical Engineering,  
SMVEC





**SRI MANAKULA VINAYAGAR**  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



INTERNAL QUALITY ASSURANCE CELL

## **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 2024-2025**

**Internal Audit**

**SECTION -1: BASIC INFORMATION**

<b>Audit Date</b>	07.08.2025																																														
<b>Name of the Department</b>	Computer Science and Engineering and Business Systems																																														
<b>Year of Establishment</b>	2020																																														
<b>Programs Offered</b>	<table border="1"> <tr> <td>Name of the Program</td><td colspan="4">Approved Intake</td></tr> <tr> <td>B.Tech. CSEBS</td><td colspan="4">60</td></tr> </table>					Name of the Program	Approved Intake				B.Tech. CSEBS	60																																			
Name of the Program	Approved Intake																																														
B.Tech. CSEBS	60																																														
<b>Head of the Department</b>	Dr. N. Danapaquame																																														
<b>Number of full time Teachers</b>	Designation	Available	Sanctioned	Filled																																											
	Professor	01	01	01																																											
	Associate Professor	02	02	02																																											
	Assistant Professor	12	12	12																																											
<b>Number of Technical Staff</b>	-																																														
<b>Number of Students</b>	<table border="1"> <tr> <td colspan="4">For B.Tech:</td> <td colspan="2">For M.Tech</td> </tr> <tr> <td>Year</td><td>M</td><td>F</td><td>Total</td> <td>Year</td><td>Strength</td> </tr> <tr> <td>First Year</td><td>32</td><td>26</td><td>58</td> <td>First Year</td><td>-</td> </tr> <tr> <td>Second Year</td><td>35</td><td>23</td><td>58</td> <td>Second Year</td><td>-</td> </tr> <tr> <td>Third Year</td><td>34</td><td>22</td><td>56</td> <td>Total</td><td>-</td> </tr> <tr> <td>Fourth Year</td><td>32</td><td>21</td><td>53</td> <td></td><td></td> </tr> <tr> <td>Total</td><td>133</td><td>92</td><td>225</td> <td></td><td></td> </tr> </table>					For B.Tech:				For M.Tech		Year	M	F	Total	Year	Strength	First Year	32	26	58	First Year	-	Second Year	35	23	58	Second Year	-	Third Year	34	22	56	Total	-	Fourth Year	32	21	53			Total	133	92	225		
For B.Tech:				For M.Tech																																											
Year	M	F	Total	Year	Strength																																										
First Year	32	26	58	First Year	-																																										
Second Year	35	23	58	Second Year	-																																										
Third Year	34	22	56	Total	-																																										
Fourth Year	32	21	53																																												
Total	133	92	225																																												
<b>Faculty Student Ratio</b>	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	Yes (UG)	
6	Lesson plan for each Course	Yes	

### 2.2 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S. No	Name of the Faculty	Participated as	Course	Year / Sem
1	Dr. N. Danapaquame	Board Chairman	UG courses	UG all years

### 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	53
2	IV/VII	DM - Digital Marketing	U20CBE715	53
3	IV/VII	ASTMA Lab - Advanced Social, Text and Media Analytics Laboratory	U20CBEP72	53
4	III/V	Business Process	U20CBE505	56
5	III/V	Business Process Laboratory	U20CBEP55	56

S.No	Year / Sem	Name of the Elective Course (EVEN SEMESTER)	Course Code	Number of Students Registered
1	IV/VIII	Psychology	U20CBE823	53
2	IV/VIII	Automation Techniques and Tools - Devops	U20ITCM08	53
3	IV/VIII	Automation Techniques and Tools – Devops Laboratory	U20CBEP84	53
4	III/VI	E-Commerce and E-Payment systems	U20CBE609	56
5	III/VI	E-Commerce and E-Payment systems Laboratory	U20CBEP55	56
6	II /IV	Business Strategies	U23CBE401	58

### 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
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	Skill Development Course 2: R Programming	U23CBS301	58
2	II/IV	Skill Development Course 3*- Presentation tools using ICT	U23CBS402	58
3	III/V	Skill Development Course 4: Foreign Languages / IELTS-I	U20CBS504	56
4	III/VI	SDC-Skill Development Course 5: NPTEL/MOOC-I	U20CBS605	56

## 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	Web Application Development (HTML, CSS, JS)	U23CBC176	58
2	I/II	Databases	U23AEC271	58
3	II/III	Machine Learning Foundation	U23AEC319	56
4	II / IV	Artificial Intelligence	U23AEC466	56
5	III/V	AZURE FUNDAMENTALS	U20CBC526	56
6	III / VI	AZURE DEVOPS	U20CBC616	56

## 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	58
2	I/II	Sports Yoga and NSS	U23CBM202	58
3	II/III	ICC-Introduction to Climate Change	U23CBM303	58
4	II/IV	Right to Information Law and Good Governance	U23CBM404	58
5	III/V	Indian Constitution	U20CBM505	56
6	III/VI	EITK-Essence of Indian Traditional Knowledge	U20CBM606	56
7	IV/VII	Professional Ethics	U20CBM707	53





## 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 / VI	Joy of Computing Using Python	NPTEL	5	5
2	III / VI	Introduction to Database Management System	NPTEL	5	5
3	III / VI	Introduction to industry 4.0 and Industrial Internet of things	NPTEL	5	5
4	III / VI	operating systems	NPTEL	5	5
5	III / VI	Public Speaking	NPTEL	5	5
6	III / VI	Introduction to Database Systems	NPTEL	5	5
7	III / VI	Programming in Java	NPTEL	5	5
8	III / VI	Introduction to Programming in C	NPTEL	5	5
9	III / VI	Ethical Hacking	NPTEL	5	5
10	III / VI	Advanced business system	NPTEL	5	5

## SECTION –3: TEACHING, LEARNING AND EVALUATION

### 3.1 Course Delivery

Semester: I (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
<b>Theory</b>					
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	Ms. M. Ishwarya / Ms. R. Sivaranjani	45	45	45
4	Fundamentals of Computer Science/U23CBT101	Mrs. M. Viji	45	45	50
5	Universal Human Values-II/U23HSTC01	Mrs. M. Viji	45	45	46
<b>Theory cum Practical</b>					
6	Business Communication & Value Science – I / U23ENB101	Mr. A. Antoine Prasad	30	30	32
<b>Practical</b>					
7	Fundamentals of Computer Science Laboratory /U23CBP101	Mrs. M. Viji	30	30	30



8	Design Thinking and IDEA Lab /U23ESPC02	Mr.M.Karthick Mrs.G.Hemalatha	30	30	30
9	Engineering Graphics using AutoCAD / U23ESPC03	Mr. M. Gunasekar	30	30	30

**Semester: II (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
<b>Theory</b>					
1	SM-Statistical Methods and Modelling-U23MAT203	Mr. M. Devanathan	45	45	50
2	LA-Linear Algebra-U23MAT204	Mr. R. Vijayakumar	45	45	49
3	FE-Fundamentals of Economics - U23HST201	Ms. H. Divya	45	45	45
4	BEEE-Basics of Electrical and Electronics Engineering-U23ESTC03	Mr. B. Raghunath	45	45	50
5	PYTHON-Programming in Python -U23ADTC01	Mrs. M. Viji	45	45	46
6	DSA-Data Structures & Algorithms-U23CBT202	Mrs. E. Thamizharasi	45	45	46
<b>Theory cum Practical</b>					
7	BCVS II- Business Communication & Value Science – II-U23ENB202	Mr. A. Antoine Prasad	30	30	32
<b>Practical</b>					
8	SM LAB-Statistical Methods and Modelling Laboratory-U23MAP201	Mrs. B. Kavitha	30	30	30
9	BEEE LAB-Basics of Electrical and Electronics Engineering Laboratory - U23ESPC01	Mr. B. Raghunath	30	30	30
10	PYTHON LAB-Programming in Python Laboratory- U23ADPC01	Mrs. M. Viji,	30	30	30
11	DSA LAB-Data Structures & Algorithms Laboratory-U23CBP202	Mrs. E. Thamizharasi	30	30	30





**Semester: III (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
<b>Theory</b>					
1	Computational Statistics/ U23MAT305	Dr. T. Poovaragavan	30	30	39
2	Formal Language and Automata Theory / U23CBT303	Mr.A.Parthiban	45	45	60
3	Computer Organization & Architecture / U23CBT304	Mrs. V. Sivasankari	45	45	60
4	Object Oriented Programming / U23CBT305	Mrs.J.Nithya	45	45	57
5	Database Management Systems / U23CBT306	Mr. T. Karthikeyan	45	45	52
<b>Theory Cum Practical</b>					
6	FLA-Formal Languages and Automata Theory / U23CBB301	Mrs. E. Thamizharasi Mr.P.Bharath Bala	60	60	63
<b>Practical</b>					
6	Computational Statistics Laboratory / U23MAP302	Dr. T. Poovaragavan	30	30	30
7	Object Oriented Programming Laboratory / U23CBP303	Mrs. K. Devika Mrs. V. Sivasankari	30	30	30
8	POS LAB-Principles of Operating Systems Laboratory / U23CBP304	Mrs.J.Nithya	30	30	30
9	Database Management Systems Laboratory / U23CBP305	Mr. T. Karthikeyan, Mrs.P.Ramya	30	30	30

**Semester: IV (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
<b>Theory</b>					
1	OR-Operations Research / U23MAT406	Dr. T. Poovaragavan	30	30	39
2	IIP-Introduction to Innovation, IP Management and Entrepreneurship / U23HST402	Mrs. K. Devika	45	45	60
3	JAVA-Programming in Java / U23ITTC02	Mr.M.Karthik	45	45	60
4	ADA-Algorithm Design and Applications / U23CBT407	Mrs.J.Nithya	45	45	57



5	SE-Software Engineering and Applications /U23CBT408	Mrs.P.Sangeetha	45	45	52
6	BS – Professional Elective I: Business Strategies / U23CBE401	Mr.A.Parthiban	45	45	52
<b>Theory Cum Practical</b>					
	BCVS III-Business Communication & Value Science – III / U23ENB403	Dr. S. Asha Mary	60	60	63
6	OR LAB-Operations Research Laboratory / U23MAP403	Dr. T. Poovaragavan	30	30	30
7	JAVA LAB-Programming in Java Laboratory / U23ITPC02	Mr.M.Karthik Ms. C. Jenithamary	30	30	30
8	ADA LAB -Algorithm Design and Applications Laboratory / U23CBP406	Mrs.J.Nithya, Mrs.G.Hemalatha	30	30	30
9	SE LAB-Software Engineering and Applications Laboratory/ U23CBP407	Mrs.P.Sangeetha Mr.A.Parthiban	30	30	30

**Semester: V (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
<b>Theory</b>					
1	Fundamentals of Management /U20HST507	Mrs.P.Ramya	45	45	45
2	Business Strategy / U20HST508	Dr. A. Vinoth	45	45	50
3	Design Thinking	Mrs. E. Thamizharasi	45	45	45
4	Software Design with UML / U20CBT509	Ms. C. Jenithamary	45	45	47
5	Compiler Design	Mr.P.Marimuthu	45	45	48
6	Business Process / U20CBE505	Mrs. S. Deepa	45	45	48
<b>Practical</b>					
7	Software Design with UML Laboratory / U20CBP507	Ms. C. Jenithamary, Mr.A.Parthiban	30	30	30
8	Compiler Design Laboratory / U20CBP508	Mr.P.Marimuthu Mrs.J.Nithya	30	30	30
9	Mini Project / U20CBP509	Dr. N. Danapaquiam Mrs.P.Sangeetha	30	30	30





10	Business Process Laboratory / U20CBE505	Mrs. S. Deepa	30	30	30
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**Semester: VI (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
<b>Theory</b>					
1	BCVS IV-Business Communication & Value Science – IV / U20HST610	Ms. R. Gajalakshmi	45	45	45
2	FCA-Financial and Cost Accounting / U20HST611	Mrs.R.Keerthana	45	45	50
3	CN-Computer Networks / U20CBT611	Mrs.P.Ramya	45	45	45
4	IS-Information Security / U20CBT612	Mr.P.Marimuthu	45	45	47
5	AI-Artificial Intelligence / U20CBT613	Mrs. N. Sakthipriya	45	45	48
6	E-COM-E-Commerce and E-Payment Systems / U20CBE609	Ms. C. Jenithamary	45	45	48
<b>Practical</b>					
7	CN LAB-Computer Networks Laboratory / U20CBP610	Mrs.P.Ramya Mr. S. Muhilan	30	30	30
8	IS LAB-Information Security Laboratory/U20CBP611	Mr.P.Marimuthu Mrs.J.Nithya	30	30	30
9	AI LAB-Artificial Intelligence Laboratory / U20CBP612	Mrs. N. Sakthipriya Mr. S. Muhilan	30	30	30
10	E-COM LAB-E- Commerce and E- Payment Systems Laboratory / U20CBEP64	Ms. C. Jenithamary Mr.M.Karthick	30	30	30

**Semester: VII (2021-2025)**

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
<b>Theory</b>					
1	Financial Management / U20HST712	Dr. R. Sureka	30	32	37
2	Human Resource Management / U20HST713	Mrs. G. Ramya	30	45	52
3	Usability Design of Software Applications / U20CBT714	Mrs.G.Hemalatha	45	45	47
4	IT Workshop Scilab / Matlab / U20CBT715	Mrs. K. Devika	45	46	47
5	ASTMA - Advanced Social, Text and Media Analytics /	Mr.P.Bharath Bala	45	45	45



	U20CBE717				
6	DM - Digital Marketing/ U20CBE715	Mrs.P.Sangeetha	45	45	48
<b>Practical</b>					
7	Usability Design of Software Applications Laboratory / U20CBP713	Mrs. P.Ramya Mrs.G.Hemalatha	30	30	34
8	IT Workshop Scilab / Matlab Laboratory / U20CBP714	Mrs. K. Devika, Mrs. V. Sivasankari	30	30	30
9	ASTMA Lab - Advanced Social, Text and Media Analytics Laboratory / U20CBEP72	Mr.P.Bharath Bala Mr. P. Marimuthu	30	30	30

**Semester: VIII (2021-2025)**

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
<b>Theory</b>					
1	ITPM-IT Project Management / U20HST814	Mr.P.Bharath Bala	30	32	37
2	PSY-Professional Elective V: Psychology / U20CBE823	Mr. S. Muhilan	45	45	52
3	ATTD-Professional Elective VI: Automation Techniques and Tools – Devops / U20ITCM08	Mrs. K. Devika	45	45	47
<b>Practical</b>					
4	ITPM LAB-IT Project Management Laboratory/U20HSP801	Mr.P.Bharath Bala Mr.P.Marimuthu	30	30	34
5	ATTD LAB-Professional Elective VI: Automation Techniques and Tools – Devops Laboratory /U20CBEP84	Mrs. K. Devika Mr.A.Parthiban	30	30	34
6	Project Evaluation II/U20CBW803	Mr.P.Bharath Bala Mr.P.Marimuthu	120	120	120

**3.2 Use of ICT Tools in Teaching Learning**

**Semester: I (2024-2028)**

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	Ms. M. Ishwarya / Ms. R. Sivaranjani	Physical science for Engineers /U23BSTC01	PPT
4	Mrs. M. Viji	Fundamentals of Computer Science/U23CBT101	PPT





5	Mrs. M. Viji	Universal Human Values-II/U23HSTC01	PPT
6	Mr. A. Antoine Prasad	Business Communication & Value Science – I / U23ENB101	PPT
7	Mrs. M. Viji	Fundamentals of Computer Science Laboratory /U23CBP101	PPT
8	Mr.M.Karthick Mrs.G.Hemalatha	Design Thinking and IDEA Lab /U23ESPC02	PPT
9	Mr. M. Gunasekar	Engineering Graphics using AutoCAD / U23ESPC03	PPT

**Semester: II (2024-2028)**

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr. M. Devanathan	SM-Statistical Methods and Modelling/U23MAT203	PPT
2	Mr. R. Vijayakumar	LA-Linear Algebra/U23MAT204	PPT
3	Ms. H. Divya	FE-Fundamentals of Economics/ U23HST201	PPT
4	Mr. B. Raghunath	BEEE-Basics of Electrical and Electronics Engineering /U23ESTC03	PPT
5	Mrs. M. Viji	PYTHON-Programming in Python / U23ADTC01	PPT
6	Mrs. E. Thamizharasi	DSA-Data Structures & Algorithms / U23CBT202	PPT
7	Mr. A. Antoine Prasad	BCVS II- Business Communication & Value Science – II /U23ENB202	PPT
8	Mrs. B. Kavitha	SM LAB-Statistical Methods and Modelling Laboratory U23MAP201	PPT
9	Mr. B. Raghunath	BEEE LAB-Basics of Electrical and Electronics Engineering Laboratory/U23ESPC01	PPT
10	Mrs. M. Viji,	PYTHON LAB-Programming in Python Laboratory / U23ADPC01	PPT
11	Mrs. E. Thamizharasi	DSA LAB-Data Structures & Algorithms Laboratory / U23CBP202	PPT

**Semester: III (2023-2027)**

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	Mr.A.Parthiban	Formal Language and Automata Theory / U23CBT303	PPT
3	Mrs. V. Sivasankari	Computer Organization & Architecture / U23CBT304	PPT
4	Mrs.J.Nithya	Object Oriented Programming / U23CBT305	PPT
5	Mr. T. Karthikeyan	Database Management Systems / U23CBT306	PPT
6	Mrs. E. Thamizharasi Mr.P.Bharath Bala	FLA-Formal Languages and Automata Theory / U23CBB301	PPT
7	Dr. T. Poovaragavan	Computational Statistics Laboratory / U23MAP302	PPT
8	Mrs. K. Devika Mrs. V. Sivasankari	Object Oriented Programming Laboratory / U23CBP303	PPT
9	Mrs.J.Nithya	POS LAB-Principles of Operating Systems Laboratory / U23CBP304	PPT
10	Mr. T. Karthikeyan, Mrs.P.Ramya	Database Management Systems Laboratory / U23CBP305	PPT



**Semester: IV (2023-2027)**

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr. T. Poovaragavan	OR-Operations Research / U23MAT406	PPT
2	Mrs. K. Devika	IPE-Introduction to Innovation, IP Management and Entrepreneurship / U23HST402	PPT
3	Mr.M.Karthik	JAVA-Programming in Java / U23ITTC02	PPT
4	Mrs.J.Nithya	ADA-Algorithm Design and Applications / U23CBT407	PPT
5	Mrs.P.Sangeetha	SE-Software Engineering and Applications /U23CBT408	PPT
6	Mr.A.Parthiban	BS – Professional Elective I: Business Strategies / U23CBE401	PPT
7	Dr.Asha Mary	BCVS III-Business Communication & Value Science – III / U23ENB403	PPT
8	Dr. T. Poovaragavan	OR LAB-Operations Research Laboratory / U23MAP403	PPT
9	Mr.M.Karthik Ms. C. Jenithamary	JAVA LAB-Programming in Java Laboratory / U23ITPC02	PPT
10	Mrs.J.Nithya, Mrs.G.Hemalatha	ADA LAB -Algorithm Design and Applications Laboratory / U23CBP406	PPT
11	Mrs.P.Sangeetha Mr.A.Parthiban	SE LAB-Software Engineering and Applications Laboratory/ U23CBP407	PPT

**Semester: V (2022-2026)**

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.P.Ramya	Fundamentals of Management /U20HST507	PPT
2	Dr. A. Vinoth	Business Strategy / U20HST508	PPT
3	Mrs. E. Thamizharasi	Design Thinking	PPT
4	Ms. C. Jenithamary	Software Design with UML / U20CBT509	PPT
5	Mr.P.Marimuthu	Compiler Design	PPT
6	Mrs. S. Deepa	Business Process / U20CBE505	PPT
7	Ms. C. Jenithamary, Mr.A.Parthiban	Software Design with UML Laboratory / U20CBP507	PPT
8	Mr.P.Marimuthu Mrs.J.Nithya	Compiler Design Laboratory / U20CBP508	PPT
9	Dr. N. Danapaquame Mrs.P.Sangeetha	Mini Project / U20CBP509	PPT
10	Mrs. S. Deepa	Business Process Laboratory / U20CBE505	PPT

**Semester: VI (2022-2026)**

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Ms. R. Gajalakshmi	BCVS IV-Business Communication & Value Science – IV / U20HST610	PPT
2	Mrs.R.Keerthana	FCA-Financial and Cost Accounting / U20HST611	PPT





3	Mrs.P.Ramya	CN-Computer Networks / U20CBT611	PPT
4	Mr.P.Marimuthu	IS-Information Security U20CBT612	PPT
5	Mrs. N. Sakthipriya	AI-Artificial Intelligence / U20CBT613	PPT / Project Based Learning
6	Ms. C. Jenithamary	E-COM-E-Commerce and E-Payment Systems / U20CBE609	PPT
7	Mrs.P.Ramya Mr. S. Muhilan	CN LAB-Computer Networks Laboratory / U20CBP610	PPT
8	Mr.P.Marimuthu Mrs.J.Nithya	IS LAB-Information Security Laboratory/U20CBP611	PPT
9	Mrs. N. Sakthipriya Mr. S. Muhilan	AI LAB-Artificial Intelligence Laboratory / U20CBP612	PPT
10	Ms. C. Jenithamary Mr.M.Karthick	E-COM LAB-E- Commerce and E- Payment Systems Laboratory / U20CBEP64	PPT

**Semester: VII (2021-2025)**

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr. R. Sureka	Financial Management / U20HST712	PPT
2	Mrs. G. Ramya	Human Resource Management / U20HST713	PPT
3	Mrs.G.Hemalatha	Usability Design of Software Applications / U20CBT714	PPT
4	Mrs. K. Devika	IT Workshop Scilab / Matlab / U20CBT715	PPT
5	Mr.P.Bharath Bala	ASTMA - Advanced Social, Text and Media Analytics / U20CBE717	PPT
6	Mrs.P.Sangeetha	DM - Digital Marketing/ U20CBE715	PPT
7	Mrs. P.Ramya Mrs.G.Hemalatha	Usability Design of Software Applications Laboratory / U20CBP713	PPT
8	Mrs. K. Devika, Mrs. V. Sivasankari	IT Workshop Scilab / Matlab Laboratory / U20CBP714	PPT
9	Mr.P.Bharath Bala Mr. P. Marimuthu	ASTMA Lab - Advanced Social, Text and Media Analytics Laboratory / U20CBEP72	PPT

**Semester: VIII (2021-2025)**

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.P.Bharath Bala	ITPM-IT Project Management / U20HST814	PPT
2	Mr. S. Muhilan	PSY-Professional Elective V: Psychology / U20CBE823	PPT
3	Mrs. K. Devika	ATTD-Professional Elective VI: Automation Techniques and Tools – Devops / U20ITCM08	PPT



4	Mr.P.Bharath Bala Mr.P.Marimuthu	ITPM LAB-IT Project Management Laboratory/U20HSP801	PPT
5	Mrs. K. Devika Mr.A.Parthiban	ATTD LAB-Professional Elective VI: Automation Techniques and Tools – Devops Laboratory /U20CBEP84	PPT
6	Dr. N. Danapaquiame Mrs.G.Hemalatha	Project Evaluation II/U20CBW803	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	Cyber Security using Industry Tools	Mr.VeeraHariHaranThinakaran Technical Associate PFSI Solutions Pvt Ltd	18.09.2024	106 (CSEBS 1 <sup>st</sup> year – 58, CSBS 2 <sup>nd</sup> year -56)
2	IT Landscape with Business Systems	Mr.Vamsi Krishna Jampala Vice President BMP Paribas India Solution Pvt Ltd	28.09.2024	106 (CSEBS 1 <sup>st</sup> year – 58, CSBS 2 <sup>nd</sup> year -56)
3	Full Stack Development using Spring Boot	Mr. Devibalan D, Senior Software Developer from Nexgen Technology	24.02.2025	CSEBS 3 <sup>rd</sup> Year (53)
4	PyQuant-Exploring Probabilistic & Statistics with python	Mr.S.S.Karthikeyan Resource Person Azim Premji Foundation Chennai	12.03.2025	106 (CSEBS 1 <sup>st</sup> year – 58, CSBS 2 <sup>nd</sup> year -56)

### 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	Mr. M. Devanathan	Yes	10	Yes
3	Physical science for Engineers /U23BSTC01	Ms. M. Ishwarya / Ms. R. Sivaranjani	Yes	10	Yes
4	Fundamentals of Computer Science/U23CBT101	Dr.N. Danapaquiame	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	SM-Statistical Methods and Modelling/U23MAT203	Mr. M. Devanathan	Yes	10	Yes
8	LA-Linear Algebra/U23MAT204	Mr. R. Vijayakumar	Yes	10	Yes
9	FE-Fundamentals of Economics/ U23HST201	Ms. H. Divya	Yes	10	Yes
10	BEEE-Basics of Electrical and Electronics Engineering /U23ESTC03	Mr. B. Raghunath	Yes	9	Yes
11	PYTHON-Programming in Python / U23ADTC01	Mrs. M. Viji Mrs.G.Hemalatha	Yes	10	Yes
12	DSA-Data Structures & Algorithms / U23CBT202	Mrs. E. Thamizharasi	Yes	10	Yes
13	BCVS II- Business Communication & Value Science – II /U23ENB202	Mr. A. Antoine Prasad	Yes	10	Yes
14	Computational Statistics/ U23MAT305	Dr. T. Poovaragavan	Yes	8	Yes
15	Formal Language and Automata Theory / U23CBT303	Mrs. K. Devika	Yes	10	Yes
16	Computer Organization & Architecture / U23CBT304	Mrs. V. Sivasankari	Yes	10	Yes
17	Object Oriented Programming / U23CBT305	Mrs. M. Viji	Yes	10	Yes
18	Database Management Systems / U23CBT306	Mr. T. Karthikeyan	Yes	10	Yes
19	FLA-Formal Languages and Automata Theory / U23CBB301	Mrs. E. Thamizharasi	Yes	10	Yes
20	OR-Operations Research / U23MAT406	Dr. T. Poovaragavan	Yes	10	Yes
21	IIPE-Introduction to Innovation, IP Management and Entrepreneurship / U23HST402	Mr. S. Muhilan	Yes	10	Yes
22	JAVA-Programming in Java / U23ITTC02	Mr.M.Karthik	Yes	10	Yes
23	ADA-Algorithm Design and Applications / U23CBT407	Mrs.J.Nithya	Yes	10	Yes
24	SE-Software Engineering and Applications /U23CBT408	Mrs.P.Sangeetha	Yes	10	Yes
25	BS – Professional Elective I: Business Strategies / U23CBE401	Mr.A.Parthiban	Yes	10	Yes
26	BCVS III-Business Communication & Value Science – III / U23ENB403	Dr. S. Asha Mary	Yes	10	Yes
27	Fundamentals of Management /U20HST507	Mrs. E. Thamizharasi	Yes	10	Yes
28	Business Strategy / U20HST508	Dr. A. Vinoth	Yes	10	Yes
29	Design Thinking	Mrs. N. Sakthipriya	Yes	10	Yes
30	Software Design with UML / U20CBT509	Ms. C. Jenithamary	Yes	10	Yes
31	Compiler Design	Mrs. M. Viji	Yes	10	Yes
32	Business Process / U20CBE505	Mrs. S. Deepa	Yes	10	Yes



33	BCVS IV-Business Communication & Value Science – IV / U20HST610	Ms. R. Gajalakshmi	Yes	10	Yes
34	FCA-Financial and Cost Accounting / U20HST611	Mrs.R.Keerthana	Yes	10	Yes
35	CN-Computer Networks / U20CBT611	Mrs.P.Ramya	Yes	10	Yes
36	IS-Information Security U20CBT612	Mr.P.Marimuthu	Yes	10	Yes
37	AI-Artificial Intelligence / U20CBT613	Mrs. N. Sakthipriya	Yes	10	Yes
38	E-COM-E-Commerce and E-Payment Systems / U20CBE609	Ms. C. Jenithamary	Yes	10	Yes
39	Financial Management / U20HST712	Dr. R. Sureka	Yes	10	Yes
40	Human Resource Management / U20HST713	Mrs. G. Ramya	Yes	10	Yes
41	Usability Design of Software Applications / U20CBT714	Mrs. V. Sivasankari	Yes	10	Yes
42	IT Workshop Scilab / Matlab / U20CBT715	Mrs. K. Devika	Yes	10	Yes
43	ASTMA - Advanced Social, Text and Media Analytics / U20CBE717	Mr. T. Karthikeyan	Yes	10	Yes
44	DM - Digital Marketing/ U20CBE715	Ms. C. Jenithamary	Yes	10	Yes
45	ITPM-IT Project Management / U20HST814	Mr.P.Bharath Bala	Yes	10	Yes
46	PSY-Professional Elective V: Psychology / U20CBE823	Mr. S. Muhilan	Yes	10	Yes
47	ATTD-Professional Elective VI: Automation Techniques and Tools – Devops / U20ITCM08	Mrs. K. Devika	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
225	15	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	<b>Mention the target: 3</b> <b>Benchmark:</b> 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 <b>Target: Level 3</b>
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 (2024-2028)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	58	-
2	Number of All Clear Students	41	-
3	Number of Students passed with Distinction	20	-
4	Number of Students passed with First Class	21	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	17	-
7	Passing Percentage	71.92%	-

#### Semester – II (2024-2028)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	58	-
2	Number of All Clear Students	47	-
3	Number of Students passed with Distinction	23	-
4	Number of Students passed with First Class	24	-



5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	11	-
7	Passing Percentage	81%	-

**Semester – III (2023-2027)**

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	57	-
2	Number of All Clear Students	48	-
3	Number of Students passed with Distinction	21	-
4	Number of Students passed with First Class	27	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	09	-
7	Passing Percentage	84.2%	-

**Semester – IV(2023-2027)**

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	57	-
2	Number of All Clear Students	52	-
3	Number of Students passed with Distinction	21	-
4	Number of Students passed with First Class	31	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	5	-
7	Passing Percentage	91.2%	-

**Semester – V (2022-2026)**

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	56	-
2	Number of All Clear Students	52	-
3	Number of Students passed with Distinction	15	-
4	Number of Students passed with First Class	37	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	04	-
7	Passing Percentage	92.85%	-

**Semester – VI (2022-2026)**

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	56	-
2	Number of All Clear Students	53	-
3	Number of Students passed with Distinction	20	-
4	Number of Students passed with First Class	33	-





5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	03	-
7	Passing Percentage	94.64%	-

**Semester – VII (2021-2025)**

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	53	-
2	Number of All Clear Students	50	-
3	Number of Students passed with Distinction	12	-
4	Number of Students passed with First Class	38	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	03	-
7	Passing Percentage	94.33%	-

**Semester – VIII (2021-2025)**

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	53	-
2	Number of All Clear Students	53	-
3	Number of Students passed with Distinction	12	-
4	Number of Students passed with First Class	41	-
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	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.N.Danapaquaim	Smart Guru APP	Sri Manakula Vinayagar Engineering College	2,00000	1 year
2	Dr.N.Danapaquaim	Admission Bot	Sri Manakula Vinayagar Engineering College	1,00000	8 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 Impact Factors
1	2022-2023	1	SCI	-	-	1.08
2	2023-2024	1	Scopus	-	-	1.08
3	2023-2024	2	SCI	-	-	3.04 , 1.9
4	2024-2025	-	-	-	-	-

#### Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	-
Number of Publication in International Journals	-
Number of Publication in National Conferences	-
Number of Publication in International Conferences	3
Number of Books / Book Chapters	1
Number of Patent (Filed)	1
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

### 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	Soft Computing Techniques to Prevent Software Defects	Dr.N.Danapaquame	3 <sup>rd</sup> International Conference on Optimization Techniques in the Field of Engineering(ICOFE-2024)	15 Nov 2024		SSRN
2	Enhancing eye Health Diagnosis through Deep Transfer Learning : Unveiling Insights from Low Quality Fundus Images	Mr.T.Karthikeyan	2024 International Conference on system,Computation,Automation and Networking(ISCAN)	27-28 Dec 2024	ISBN 979-8-3315-1002-2	IEEE
3	Blockchain Based Digital Forensic data for Unbreakable Trust and Security	Mrs.M.Viji	2024 International Conference on system,Computation,Automation and Networking(ISCAN)	27-28 Dec 2024	ISBN 979-8-3315-1002-2	IEEE

### Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Object Oriented Programming	Dr.N.Danapaquame E.Thamizharasi	ISBN No: 978-93-6260-035-6	Charulatha Publications



### Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	Dr.N.Danapaquame	Dr.N.Danapaquame Mr. T. Karthikeyan Mrs. K. Devika Mrs. V. Sivasankari Mrs. M. Viji Mrs. C. Jenitha Mary Mrs. E. Thamizharasi	DL-MID: Deep Learning Medical Image Diagnosis based on Artificial Intelligence	202441048593 A  05/07/2024	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.	GOBINATH K R	Supreme creations	5 weeks	16.07.2024	20.08.2024
2.	AKILAA K	Valvet Technologies	2 weeks	09.04.2024	24.04.2024
3.	ANUSHA L	Valvet Technologies	2 weeks	09.04.2024	24.04.2024
4.	ANYAM SANJAY KARTHIKEYA	MAIYYAM	4 weeks	18.09.2024	13.10.2024
5.	ARAVINDHAN P	Supreme creations	5 weeks	16.07.2024	20.08.2024
6.	BAVADHARINI S	Valvet Technologies	2 weeks	09.04.2024	24.04.2024
7.	GAUTHAM M	Supreme creations	5 weeks	16.07.2024	20.08.2024
8.	GAYATHRI S	Valvet Technologies	2 weeks	09.04.2024	24.04.2024
9.	GIRAHALEKSHMI N	AATOMZ Research Pvt	3 Months	07.09.2023	20.01.2024
10.	GOPINATH S	InternPE	4 weeks	22.07.2024	18.08.2024
11.	HARINI G	AATOMZ Research Pvt	3 Months	07.09.2023	20.01.2024
12.	HARITHA K	Cloud logic	2 weeks	29.04.2024.	11.05.2024
13.	JAYANDHAN A S	Supreme creations	5 weeks	16.07.2024	20.08.2024
14.	KALAINIDHI S	Supreme creations	5 weeks	16.07.2024	20.08.2024
15.	KANIMOZHI P	Integra software services	2 Months	17.11.2023	31.01.2024
16.	LATHIKA A	Valvet Technologies	2 weeks	09.04.2024	24.04.2024
17.	MALINDA D	Cloud logic	2 weeks	29.04.2024.	11.05.2024
18.	MASLINE PRISCILLA P	Valvet Technologies	2 weeks	09.04.2024	24.04.2024
19.	MUHAMMED MISHAB	Supreme creations	5 weeks	16.07.2024	20.08.2024
20.	NAVEENRAJ N	Exposys data Labs	4 weeks	16.09.2022	15.10.2022
21.	PRAKASH I	MAIYYAM	4 weeks	18.09.2024	13.10.2024





22.	PRAVEEN S	InternPE	4 weeks	22.07.2024	18.08.2024
23.	ROKHITHA N	Cloud logic	2 weeks	29.04.2024.	11.05.2024
24.	SABAREESH R	MAIYYAM	4 weeks	18.09.2024	13.10.2024
25.	SANDHANA BHARATHI S	Supreme creations	5 weeks	16.07.2024	20.08.2024
26.	SUBASH RAJ M	Accenous Integrals	2 Months	31.01.2024	7.04.2024
27.	SUSHMITHA G	Valvenet Technologies	2 weeks	09.04.2024	24.04.2024
28.	SWETHA T	Cloud logic	2 weeks	29.04.2024.	11.05.2024
29.	VIGNESH T	MAIYYAM	4 weeks	18.09.2024	13.10.2024
30.	VIJAYABASKAR S	Supreme creations	5 weeks	16.07.2024	20.08.2024
31.	VISHNU V	Supreme creations	5 weeks	16.07.2024	20.08.2024
32.	YUVARAJ E	Supreme creations	5 weeks	16.07.2024	20.08.2024

## 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	Consumer goods-SQL Project	Logkalithiyaa V G	Trigent Software Solution	6 Months

## 6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	EXCERPT,Bangalore	18.03.2025	58	46
2	EMEXO TECHNOLOGIES,Bangalore	19.03.2025	58	46

## 6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	Nexgen Technology Software Solutions, Puducherry	Feb 24	Students Projects and Internships , Workshops, Training Programme, Collaborative Research, Consultancy Works	1 Year

## SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	33
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	Swetha T	TCS (PEGA)	3.86 LPA
2	Haritha K	TCS (PEGA)	3.86 LPA
3	Malinda D	TCS (PEGA)	3.86 LPA
4	Aravindhan P	TCS ninja	3.36 LPA
5	Darshan V	TCS ninja	3.36 LPA
6	Gopinath S	TCS ninja	3.36 LPA
7	Leander Luke J	TCS ninja	3.36 LPA
8	Shivani Umamaheswari K	TCS ninja	3.36 LPA
9	Kalainidhi S	TCS ninja	3.36 LPA
10	Sabareesh R	TCS ninja	3.36 LPA
11	Praveenkumar S	TCS ninja	3.36 LPA
12	Vignesh T	TCS ninja	3.36 LPA
13	Prakash I	TCS ninja	3.36 LPA
14	Charumathi M	TCS ninja	3.36 LPA
15	Priyadharshni S	TCS ninja	3.36 LPA
16	Yazhini K	TCS ninja	3.36 LPA
17	Yuvaraj E	TechMahindra	3.25 LPA
18	Pawnraj G	TechMahindra	3.25 LPA
19	Subashraj M	TechMahindra	3.25 LPA
20	Logkalithiya Vg	Pwc	4.5 LPA
21	Giraha Lekshmi.N	Hexaware	4 LPA
22	Priyadharshni S	Hexaware	4 LPA
23	Kaveeraasane C	Hexaware	4 LPA
24	Rokhitha N	Hexaware	6 LPA
25	Shivani Umamaheswari K	Unisys	9 LPA
26	Praveen S	CTS	4 LPA
27	Vijay K	CTS	4LPA
28	Kayathri V	Flex	4.58 LPA
29	GAYATHRI S	Societe Generale	5 LPA
30	LATHIKA A	Societe Generale	5 LPA
31	MASLINE PRISCILLA P	HDFC Life Insurance Company Ltd	2.5 LPA
32	GOBINATH K R	V5 Global	2.52 LPA
33	SUSHMITHA G	Concentrix, Bangalore	4 PLA

### 7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
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1	NAVEENRAJ N	Pondicherry University	M.Tech. Data Science & Artificial Intelligence
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	A Seminar on “IT Landscape with Business Systems”	Department	28.09.2024	State	58
2	Cyber Security using Industry tools	Department	18.09.2024	State	66
3	A hands on Workshop on” PyQuant-Exploring Probabilistic & Statistics with Python”	Department	12-03-2025	State	100
4	Developing Innovation: Hands-on Workshop for Process & Prototype Excellence	Department	27.03.2025 and 28.03.2025	State	85
5	Idea to Impact : Business Model Canvas Workshop aligned with SMART GURU APP Lanuch	Department	16-03-2025	State	500
6	Innovative pathways : Hands-on Learning for the Next Generation of Networking	Department	16-04-2025	State	100



## 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
1	Developing Innovation: Hands-on Workshop for Process & Prototype Excellence	Department	27.03.2025 and 28.03.2025	State	91
2	Idea to Impact : Business Model Canvas Workshop aligned with SMART GURU APP Lanuch	Department	16-03-2025	State	500
3	Innovative pathways : Hands-on Learning for the Next Generation of Networking	Department	16-04-2025	State	100

## 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.	Harish S, Guhan R, Aseem Ahamed N, Mohit Aravind R S (II Year)	Essay Writing Competition (20.08.2024)	Bureau of Indian Standards	won cash prize Rs.2250
2.	March Past student from II Year, III Year	The Inter College March Past Competition, 15.08.25	SMVEC	3 <sup>rd</sup> Prize
3.	Haritha K -Final Year	Hackathon and Tech Show Time in the PEGA UAP Boot Camp 22.08.2024	PEGA	1 <sup>st</sup> Prize
4.	Department Students from II Year, III Year and Final Year	The Inter Department YOGA Competition (14.8.2024)	SMVEC	won 2 <sup>nd</sup> prize
5.	Dhineshwar R S, Tamim M and Sanjaiganesh S from (III Year)	Web Designing Contest (15.8.2024)	SMVEC	3 <sup>rd</sup> prize
6.	Dhineshwar - III year & Niranjana - I year	ReGenHack'25 Hackathon	SRM ,Kattankaathur-IEI Student's Chapter	3 <sup>rd</sup> prize- received 1500 cash prize
7.	CSEBS department girls	The Inter College March Past Competition, Jan 26	SMVEC	1 <sup>st</sup> Prize





8.	Harini K- I year	Running Race-400 meter	SMVEC	III <sup>rd</sup> prize
9.	Harish S- II Year	TechFusion 2025(30.01.25)	B. S. Abdur Rahman Crescent Institute Of Science And Technology	1 <sup>st</sup> Place
10.	Azeem Ahamed, Harri Krishna- II Year Students	TechFusion 2025(30.01.25)	B. S. Abdur Rahman Crescent Institute Of Science And Technology	2 <sup>nd</sup> Place
11.	Yuvashree D- I year	ASMITA, Khelo India Women's Pencak Silat League (South Zone) February 5 <sup>th</sup> , 6 <sup>th</sup> , 7 <sup>th</sup> , 2025	ASMITA Pencak Silat League	1 <sup>st</sup> place-Gold received cash prize of Rs.6000 and was selected for nationals
12.	Shrinivas PB, Laljith V, and Harishraj KR (II Year)	Fusion Forge 24 Hours Hackathon 13.02.2025	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science & Technology, Avadi, Chennai	2 <sup>nd</sup> place, won Rs. 4000 cash prizes.
13.	BARATH and SURENDAR B - I Year students -	MITELITE 25-03-2025	Manakula Vinayagar Institute of Technolog	won 2 <sup>nd</sup> Place in IPL Auction received Trophy and Certificates.
14.	K.Srivatsan - III year K.Jeeveash - II Year	SMART GURU APP DEVELOPMENT	SMVEC	Cash prize- 20,000 and 10,000
15.	Sitharth, Sivadharshan, and Devanarayanan - I year Students	MITELITE in the Business Plan event 25-03-2025	Manakula Vinayagar Institute of Technology	1 <sup>st</sup> Place and received a Trophy and Certificates.
16.	R. Sitharth , S. Rishikumar - I year Students	$\pi$ Day 14-03-2025	SMVEC-Dept. of Mathematics	1 <sup>st</sup> prize
17.	R. Guhan - II Year	$\pi$ Day 14-03-2025	SMVEC-Dept. of Mathematics	2 <sup>nd</sup> prize
18.	Karthick S, F, Lalit Kishore @ Ashwanth, Krishna K P - III year Edison James and Mohamed Apsar M- - II Year	BIS meme creator	Bureau of Indian Standards	Won 1 <sup>st</sup> Prize received cash prize of ₹1000.
19.	Lingeshwar. S- II Year	BIS meme creator	Bureau of Indian Standards	Won 2 <sup>nd</sup> Prize received cash prize of ₹750
20.	Harini K- I year	BIS meme creator	Bureau of Indian Standards	Won 3 <sup>rd</sup> Prize received cash prize of ₹500



21.	Varshini B, Kavithanjali P, Kaviya G, and Jayasri- II Year	BIS meme creator	Bureau of Indian Standards	received cash prize of ₹250
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**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	Mrs.E.Thamizharasi	IEEE International Conference on Emerging Technologies in Engineering Applications (ICETEA-2025)

**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
1	Dr. N. Danapaquame	SPOC - NPTEL
2	Dr. N. Danapaquame	SPOC at Instrumental Role - 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	Dr. N. Danapaquame	FDP on QT-02 Foundations of Quantum Technologie	Electronics and ICT Academics	20 Days (11.04.2025-03.05.2025)
		DevOps for Cloud Native Development: Containers, Kubernetes and CI/CD Pipelines	ATAL Academy	6 Days (03.02.2025 - 08.02.2025)
		3rd National Level Workshop on 'Curriculum Design & Course Framework'	Institute for Academic Excellence	1 Day (13.02.2025)





		FDP on QT-03 Basics of Quantum Programming	Electronics & ICT Academies	20 Days (16.05.2025 - 07.06.2025)
		AI Innovation in Computer Vision ,IoT and Medical Imaging Applications	Electronics & ICT Academy	6 Days (16.06.2025 - 26.06.2025)
2	Mrs. M. Viji	Universal Human Values I	AICTE	5 Days (17.6.2024 - 21.6.2024)
		Universal Human Values II	AICTE	6 Days (19.08.2024 - 24.08.2024)
		Applications of Machine Learning	KKR & KSR Institutes of Technology @sciences	5 Days (9.10.2024 - 13.10.2024)
		Building Web Development Solutions with Cloud Computing	AICTE -EDUNET Foundation	5 Days (21.10.2024 - 25.10.2024)
		SCIFlow	Balani Infotech	1 Day (26.10.2024)
		Gen AI tools & Technology	Madanapalle Institute of Technology	5 Days (11.11.2024 - 16.11.2024)
		DevOps for Cloud Native Development: Containers, Kubernetes and CI/CD Pipelines	ATAL Academy	6 Days (03.02.2025 - 08.02.2025)
		Python Foundation Certification	Infosys Spring Boot	6 Days (24.4.2025 - 29.4.2025)
		Blockchain in Health Care	SRM Institute of Science and Technology,DSBS	6 Days (17.02.2025 - 22.02.2025)
		AI Innovation in Computer Vision ,IoT and Medical Imaging Applications	Electronics & ICT Academy	6 Days (16.06.2025 - 26.06.2025)
3	Mrs. E. Thamizharasi	FDP on Palo Alto Cloud Security Fundamentals	ICT Academy	5 Days (21.05.2024 - 25.05.2024)
		FDP on Universal Human Values I	AICTE	5 Days (17.6.2024 - 21.6.2024)
		FDP on Universal Human Values II	AICTE	6 Days (19.08.2024 - 24.08.2024)
		FDP on DevOps for Cloud Native Development: Containers, Kubernetes and CI/CD Pipelines	ATAL Academy	6 Days (03.02.2025 - 08.02.2025)



		Intellectual Property UTSAV	AICTE and Ministry of Education's Innovation (MIC)	6 Days (21.04.2025 - 26.04.2025)
		FDP on QT-02 Foundations of Quantum Technologies	Electronics & ICT Academies	20 Days 11.04.2025 - 03.05.2025
		FDP on QT-03 Basics of Quantum Programming	Electronics & ICT Academies	20 Days 16.05.2025 - 07.06.2025
		<b>Innovation Ambassador</b> (Foundation Level)	MoE's Innovation Cell and AICTE	09.04.2025
		(Advanced Level)		11.04.2025
		(Reskilling Level)		31.08.2025
		FDP on AI Innovation in Computer Vision ,IoT and Medical Imaging Applications	Electronics & ICT Academy	6 Days (16.06.2025 - 26.06.2025)
4	Mrs. K. Devika	FDP on Empowering Educators for a Viksit Bharat: Transformative Teaching and Research Strategies	IQAC of Kongu Arts and Science College	5 Days (27.01.2025 - 31.01.2025)
		FDP on Devops for Cloud Native Development: Containers, Kubernetes and CI/CD Pipelines	ATAL Academy	6 Days (03.02.2025 - 08.02.2025)
		Training on Java Full Stack	Wipro TalentNext	10 Days (17.3.2025 - 28.3.2025)
		TalentNext Java Full Stack Certification Assessment	Wipro TalentNext	2.5.2025
		Prompt Engineering	Infosys	3 Days (13.5.2025 - 15.5.2025)
		Applied Generative AI	Infosys	3 Days (26.5.2025 - 29.5.2025)
5	Dr.N.Sakthipriya	Blockchain in Health Care	SRM Institute of Science and Technology,DSBS	6 Days (17.02.2025 to 22.02.2025)





**9.6 Best Practices followed by the Department.**

S.No	Best Practice	Description
1	Chat Bot for College	College Admission Chatbot (anyone can enquire about the admission process, Department, Syllabus and curriculum, fee structures, mess details, Hostel details)
2	Smart Guru App	SmartGuru is a comprehensive educational platform offering interactive content, real-time progress monitoring, and gamified learning techniques. It caters to a diverse audience, from preschoolers to professionals, covering all academic subjects and languages. By aligning its content with the K-12 National Education Policy (NEP) curriculum, Smart Guru ensures that students receive education meeting current academic standards.

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

S.No	Name of the Alumni	Contact Details
1	Vamsri Krishna	9442343439
2	Murali Krishna	9087035423
3	Ishwarya	9345557425
4	Kaveeraasane. C	6380987264
5	Logkalithiyaa V G	8220366141
6	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

*N. Apr*  
Head of the Department

### Recommendations:

Criteria	Remarks
Curricular Aspects	-
Teaching, Learning and Evaluation	-
Structured Feedback	-
Research, Innovation and Publications	Yet to concentrate on Grants, International Journals, Patents
Collaborations and Linkages	-
Student Progression	-
Activity Conducted / Organized by the Department	-
Achievements	-
General Remarks	

Name and Signature

*Dr. S.B. Lenin*

Dr.S.B.Lenin  
Professor / Dept of ECE

(Affiliation of AAA Committee Internal Member -1)

Name and Signature

*Dr. K. Naveen Kumar*

Dr.K.Naveen Kumar  
Associate Professor / Dept of ICE

(Affiliation of AAA Committee Internal Member -2)





SRI MANAKULA VINAYAGAR  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



INTERNAL QUALITY ASSURANCE CELL

## ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF  
COMPUTER AND COMMUNICATION  
ENGINEERING



ACADEMIC AND ADMINISTRATIVE AUDIT PROFORMA FOR ACADEMIC  
DEPARTMENTS

Academic Year(JUNE 2024 – DECEMBER 2024)  
Internal Audit

SECTION-1: BASIC INFORMATION

Audit Date	08.03.2025			
Name of the Department	Computer and Communication Engineering			
Year of Establishment	2020			
Head of the Department	Dr.R.Ramya			
Programs Offered	Name of the Program		Approved Intake	
	B.Tech( Computer and Communication Engineering)		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 -----:		For PG -----:	
	Year	M	F	Total
	First Year	36	22	58
	Second Year	32	25	57
	Third Year	38	21	59
	Fourth Year	40	17	57
	Total	146	85	231
	Year	M	F	Total
	FirstYear			
	SecondYear			
	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	--
2	Faculty Subject Preferences	Yes	--
3	Elective choices from the students	Yes	--
4	Course allotment to the faculty	Yes	--
5	Time Table(UGandPG)	Yes	--
6	Lesson plan for eachcourse	Yes	--





## 2.2 Curriculum/syllabus revision

### Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1	<b>Dr.R.Ramya</b> Professor and Head Department of Computer and Communication Engineering	Chair person	B.Tech	II / III, IV
2	<b>Mrs.V.Gomathi</b> Assistant Professor/CCE Specialization: Networking	Internal Member	B.Tech	II / III, IV
3	<b>Mrs.T.Sivaranjani</b> Assistant Professor/CCE Specialization: Artificial Intelligence	Internal Member	B.Tech	II / III, IV
4	<b>Mr.J. Saravanan</b> Assistant Professor/CCE Specialization: Machine learning	Internal Member	B.Tech	II / III, IV
5	<b>Mr.G.K.Senthilkumar</b> Assistant Professor/CCE Specialization: Networking	Internal Member	B.Tech	II / III, IV
6	<b>Mrs. T.Vijayalakshmi</b> AssistantProfessor /CCE Specialization: VLSI Design, Machine learning	Internal Member	B.Tech	II / III, IV
7	<b>Mrs.J.Rekha</b> AssistantProfessor /CCE Specialization: Machine learning	Internal Member	B.Tech	II / III, IV
8	<b>Mrs.M.Abirami</b> AssistantProfessor /CCE Specialization: Database Systems	Internal Member	B.Tech	II / III, IV
9	<b>Ms. Mishaal Sneha</b> AssistantProfessor /CCE Specialization: Networking	Internal Member	B.Tech	II / III, IV
10	<b>Ms.S.Keerthana</b> Assistant Professor/CCE Specialization: Database Systems	Internal Member	B.Tech	II / III, IV
11	<b>Dr. K.Samuvelraj</b> Assistant Professor/Physics Specialization: Physics	Internal Member	B.Tech	II / III, IV
12	<b>Dr. K. Karthikeyan</b> Assistant Professor/Chemistry Specialization: Chemistry	Internal Member	B.Tech	II / III, IV
13	<b>Dr. A.Ashok</b> Assistant Professor/Mathematics Specialization: Mathematics	Internal Member	B.Tech	II / III, IV
14	<b>Dr. D. Devi</b> Assistant Professor /English Specialization: English	Internal Member	B.Tech	II / III, IV



### 2.3 List of Professional Elective Courses offered by the department

S.No	Year/Sem	Name of the Elective Course	Course Code	Number of Student Registered
1.	IV/VII	Green Computing	U20ITCM06	57
2.	III/V	Data Mining and Warehouse	U20CCE508	58

### 2.4 List of Open Elective Courses offered by other department

S.No	Year/ Sem	Offering Department	Name of the Elective Course	CourseCode	Number of Students Registered
1.	IV/VII	IT	AutomationTechniques& Tools- DevOps	U20ITCM08	57
3.	III/V	MBA	Product Development and Design	U20HSO501	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 Student Registered
1.	II/III	Skill Enhancement Course-I: AnimationPractices	U23CCS301	57
2.	III/V	Skill Development Course4:Carrier and Professional Development Programme I	U20CCS504	58
3.	III/V	Skill Development Course5: Presentation Skill using ICT	U20CCS505	58

### 2.6 List of Certification Courses offered by the department

S.No	Year/Sem	Name of the Certification Course	Course Code	Number of Student Registered
1.	I/I	Certification Course-I:Web Application Development(HTML,CSS,JS)	U23CCC176	58
2.	II/III	Certification Course-III:Cisco Certified Network Associate-Level2	U23CCC327	57
3.	III/V	Certification Course-V:Cyber Security	U20CCC532	58

### 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	U23CCM101	58
2.	II/III	Climate Change	U23CCM303	57
3.	III/V	Indian Constitution	U20CCM505	58
4.	IV/VII	Professional Ethics	U20CCM707	57





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,LEARNINGAND EVALUATION**

3.1 Course Delivery

**Semester: I (Batch 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	Engineering Mathematics / U23MATC01	Mrs.T. Kalaiselvi	60	60	60
2	Programming in C /U23CSTC01	Mrs.J. Rekha	45	45	48
3	Problem Solving Approach/ U23CSTC02	Mrs.J. Rekha	45	45	46
4	Basics of Electrical and Electronics Engineering /U23ESTC03	Mr.S.Yuvaraj	60	60	60
5	Universal Human Values – II/ U23HSTC01	Mr.J.Saravanan	30	30	30
6	Communicative English – I /U23ENBC01	Ms.S.Jasmine	60	60	60
7	Basics of Electrical and Electronics Engineering Laboratory /U23ESPC01	Mr.S.Yuvaraj	30	30	36
8	Programming in C Laboratory/ U23CSPC01	Mrs.J. Rekha	30	30	36
9	Engineering Graphics using /AutoCAD U23ESPC03	Mr.S.Yuvaraj	30	30	36



**Semester: III (Batch: 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	Probability and Statistics /U23MATC03	Mrs.T. Dheebia	60	60	60
2	Computer Organization and Architecture / U23CCT302	Ms.R.Jegadeeswari	45	45	48
3	Analog Electronics / U23CCT303	Mr.J.Saravanan	45	45	48
4	Principles of Communication Engineering /U23CCT304	Mr.G.K.Senthilkumar	45	45	46
5	Software Engineering Principles and Testing Techniques / U23CCT305	Ms.A.Thivya	45	45	53
6	Design and Analysis of Algorithms / U23CSBC01	Mrs. M.Abirami	60	60	60
7	General Proficiency-I /U23ENPC01	Ms.R.Gajalakshmi	30	30	30
8	Engineering Mathematics Laboratory / U23MAPC01	Dr. A. Anandan	30	30	36
9	Principles of Communication Engineering Laboratory / U23CCP302	Mr.G.K.Senthilkumar	30	30	36





**Semester: V (Batch: 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	Database Systems /U20CCT511	Mrs.V.Gomathi	60	60	60
2	Cryptography and Network Security / U20CCT510	Dr.R.Ramya	45	45	47
3	Numerical Methods and Statistics /U20BST548	Mrs. M Sugasini	45	45	48
4	Computer Vision Technology/ U20CCE509	Mishel Sneha	45	45	52
5	Microcontroller and Interfacing/ U20CCT512	Mr.J.Saravanan	45	45	48
6	Product Development and Design/ U20HSO501	Dr.R. Surekha	45	45	46
7	Numerical and Statistical Laboratory /U20BSP550	Mrs.T.Sivaranjani	30	30	30
8	Cryptography and Network Security Laboratory /U20CCP506	Mishel Sneha	30	30	36
9	Microcontroller and Interfacing Laboratory /U20CCP507	Mr. J. Saravanan	30	30	36
10	Database Systems Laboratory/ U20CCP508	Mrs.V.Gomathi	30	30	36



**Semester: VII (Batch: 2021-2025)**

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	Mrs.T.Sivaranjani	45	45	48
2	Cloud Computing and Distributed Systems /U20CCT718	Ms. Mishael Sneha	45	45	48
3	Professional Elective – IV Green Computing/ U20ITCM06	Mr.G.K.Senthil kumar	45	45	48
4	Open Elective – IV Automation Techniques & Tools- DevOps /U20ITCM08	Ms.S.Keerthana	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	Ms. Mishael Sneha	30	30	36
8	Comprehensive Viva Voce /U20CCP714	Mrs. J Rekha	30	30	36
9	Project Phase – I /U20CCW701	Dr.V.Bharathi	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.J. Rekha	Programming in C (PC) U23CSTC01	PPT





3	Mrs.J. Rekha	Problem Solving Approach(PSA) U23CSTC02	PPT
4	Mr.S.Yuvaraj	Basics of Electrical and Electronics Engineering(BEEE) U23ESTC03	PPT
5	Mr.J.Saravanan	Universal Human Values – II U23HSTC01	PPT
6	Ms.S.Jasmine	Communicative English – I U23ENBC01	PPT
7	Mrs. T.Dheebia	Probability and Statistics (PS)U23MATC03	PPT
8	Ms.R.Jegadeeswari	Computer Organization and Architecture (CA) U23CCT302	PPT
9	Mr.J.Saravanan	Analog Electronics (AE) U23CCT303	PPT
10	Mr.G.K.Senthilkumar	Principles of Communication Engineering (POC) U23CCT304	PPT
11	Ms.A.Thivya	Software Engineering Principles and Testing Techniques (SE) U23CCT305	PPT
12	Mrs. M.Abirami	Design and Analysis of Algorithms (DAA) U23CSBC01	PPT
13	Mrs.V.Gomathi	Database Systems (DB) U20CCT511	PPT
14	Dr.R.Ramya	Cryptography and Network Security (CNS) U20CCT510	PPT
15	Mrs. M Sugasini	Numerical Methods and Statistics (NM) U20BST548	PPT
16	Mishel Sneha	Computer Vision Technology(CVT) U20CCE509	PPT
17	Mr.J.Saravanan	Microcontroller and Interfacing (MCI) U20CCT512	PPT
18	Dr.R. Surekha	Product Development and Design(PDD) U20HSO501	PPT
19	Mrs.T.Sivaranjani	Machine Learning and Artificial Intelligence U20CCT717	PPT
20	Ms. Mishael Sneha	Cloud Computing and Distributed Systems U20CCT718	PPT
21	Mr.G.K.Senthilkumar	Professional Elective – IV Green Computing U20ITCM06	PPT
22	Ms.S.Keerthana	Open Elective –IVAutomationTechniques& Tools- DevOps U20ITCM08	PPT
23	Mr. R. 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.	Software Testing And Development	Mr. Prakash Velayudham CEO and Founder of VPS Code Builders Pvt	23.08.2024	47
2.	Career Guidance	Mr. Prakash Velayudham CEO and Founder of VPS Code Builders Pvt.	04.09.2024	59
3.	Data Science And Its Importance	Dr. E. Kavitha Asst. Prof./HOD University College Of Engineering, Villupuram.	14.09.2024	59
4.	Embedding Artificial Intelligence In Back End Framework	Ms. Sasikala Natarajan Team Lead At Twilight It Solution	19.10.2024	59
5	Internet Security	Mr. Hemachandar Software Developer , TCS	16.11.2024	57
6	Fireless Cooking	Department	12.09.24	57
7	AICTE Energy Literacy Training	Department	13.09.24	57
8	Uhv Session & Chess And Carrom	Department	14.09.24	57
9	Guest Lecture - Communication Skill	Department	15.09.24	57
10	Volley Ball & Basket Ball	Department	16.09.24	57
11	Motivation Talk	Department	17.09.24	57

### 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/	Mrs. T.Kalaiselvi	Yes	6	Yes





	U23MATC01				
2	Programming in C / U23CSTC01	Mrs. J.Rekha	Yes	5	Yes
3	Problem Solving Approach / U23CSTC02	Mrs. J.Rekha	Yes	5	Yes
4	Basics of Electrical and Electronics Engineering / U23ESTC03	Mr.S.Yuvaraj	Yes	6	Yes
5	Universal Human Values – II U23HSTC01	Mr.J.Saravanan	Yes	4	Yes
6	Communicative English – I U23ENBC01	Ms.S.Jasmine	Yes	5	Yes
7	Probability and Statistics / U23MATC03	Mrs. T.Dheebia	Yes	6	Yes
8	Computer Organization and Architecture / U23CCT302	Ms.R.Jegadeeswari	Yes	5	Yes
9	Analog Electronics / U23CCT303	Mr.J.Saravanan	Yes	6	Yes
10	Principles of Communication Engineering /U23CCT304	Mr.G.K.Senthilkumar	Yes	5	Yes
11	Software Engineering Principles and Testing Techniques / U23CCT305	Ms.A.Thivya	Yes	6	Yes
12	Design and Analysis of Algorithms / U23CSBC01	Mrs. M.Abirami	Yes	5	Yes
13	Database Systems / U20CCT511	Mrs.V.Gomathi	Yes	6	Yes
14	Cryptography and Network Security / U20CCT510	Dr.R.Ramya	Yes	6	Yes
15	Numerical Methods and Statistics / U20BST548	Mrs. M Sugasini	Yes	4	Yes
16	Computer Vision Technology / U20CCE509	Mishel Sneha	Yes	4	Yes
17	Microcontroller and Interfacing / U20CCT512	Mr.J.Saravanan	Yes	5	Yes
18	Product Development and Design / U20HSO501	Dr.R. Surekha	Yes	4	Yes
19	Machine Learning and Artificial Intelligence / U20CCT717	Mrs.T.Sivaranjani	Yes	4	Yes
20	Cloud Computing and	Ms. Mishael Sneha	Yes	4	Yes



	Distributed Systems /U20CCT718				
21	Professional Elective – IV Green Computing /U20ITCM06	Mr.G.K.Senthilkumar	Yes	4	Yes
22	Open Elective – IVAutomationTechniques& Tools- DevOps / U20ITCM08	Ms.S.Keerthana	Yes	4	Yes
23	Business Basics for Entrepreneur U20HSP703	Mr. R. Anbarasan	Yes	4	Yes

### 3.5 Counseling and Mentoring

No. of Students in Department		Number of Mentors in the Department		Mentor:Mentee Ratio	
231		14		1:17	
S.No	Particular	Yes/No		Remarks(if any)	
1	Mentor allocation	Yes		--	
2	Classwise 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
231	15	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	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	Yes	--
6	The courses where CO target is not attained	Yes	--
7	Program exit survey conducted	Yes	--
8	PSO and PO attainment through CO	Yes	--
9	Corrective Action Suggestion available where PO target is not attained	Yes	--

### 3.8 Student Performance in End Semester Examination Semester I Batch(2024 -2028)

Sr.No	Particular	UG	PG
1	Number of Students appeared	58	-
2	Number of All Clear Students	35	-
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	60	-

### Semester III Batch(2023 -2027)

Sr.No	Particular	UG	PG
1	Number of Students appeared	57	-
2	Number of All Clear Students	46	-
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	11	-
7	Passing Percentage	80.7	-



**Semester V (Batch 2022-2026)**

Sr. No	Particular	UG	PG
1	Number of Students appeared	58	-
2	Number of All Clear Students	52	-
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	90	-

**Semester VII (Batch 2021-2025)**

Sr. No	Particular	UG	PG
1	Number of Students appeared	57	-
2	Number of All Clear Students	56	-
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	90	-

**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	34	-
4	Number of students completed the program with backlogs	22	-





#### 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	15	-
3	Teacher feedback on curriculum with analysis and action taken report	Yes	14	-
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes	90	-
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	10	-
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	-	Feedback received from all the students by conducting 3-Quality Circle Meeting in each semester for all the First, Second, Third and Final year students
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 on going from various Funding Agencies

S.No	PrincipleInvestigator	TitleofProject/ Grants	Funding Agency	Amount (Rs.inLakhs)	Durationofth e 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-wiselist)

#### Publication Details(Last Four Years)

S. 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	2020-2024	10 Papers Published	Out of which 4 are Scopus, 3 are Web of Science, and 1 from UGC journals.	42	3	UGC care list-2

#### Publication Details for Academic Year consider for Auditing

Number of Publications in National Journals	-
Number of Publications in International Journals	6
Number of Publications in National Conferences	-
Number of Publications in International Conferences	4
Number of Books/Book Chapters	1
Number of Patents(Filed)	17
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	Neuro Fuzzy Artificial Intelligent Modeling for Cognitive State Classification Using EEG Signal Analysis	Dr.R.Ramya	SN Computer Science	ISSN 2075-4418

#### International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	Tone tracketr safeguarding digital communities with BERT Powered AI	Mrs.T.Sivaranjani	Gradiva Review Journal (GRJ)	0363-8057	UGC





2	Chronic kidney disease stage classification system using XGBoost with recursive feature elimination	Mrs.V.Gomathi	Gradiva Review Journal (GRJ)	0363-8057	UGC
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**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	Optimization of Energy Efficient Close-Knit Routing Protocol In 6G Wireless Network for Reliable Communication	J.Saravanan	3 <sup>rd</sup> International Conference on Optimization Techniques in the Field of Engineering(IC OFE-2024)	23 oct 2024		SSRN

**Books/Book Chapters**

S.No	Title of Book/Book Chapter	Name of the Authors	ISBN/ISSN	Publisher
1	Enhancing Cybersecurity in Educational Institutions: Challenges and Strategies	Mrs.V.Gomathi	ISSN: 2148-2403)	Education 4.0 :Leverging Technology for Future Ready Learning

**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	Mrs.J.Rekha	Proposal for Mobile Payments Using NFC	27.11.2024	India	Filed



			Technology Applicable in Rural Areas			
2	Sri Manakula Vinayagar Engineering College	Mrs.T.Sivranjani	Next-Gen Agriculture :IOT,Cloud Computing, AI for detecting plant diseases	09.08.2024	India	Filed
3	Sri Manakula Vinayagar Engineering College	Mrs.V.Gomathi	Blockchain Enhanced Detection of Fake social Media Profiles and Messages	09.08.2024	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.	Abinaya S	AICTE	62 Days	01/07/2024	01/09/2024
2.	Arjun R	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
3.	Arjun S	Internpe	27 Days	12/08/2024	08/09/2024
4.	Arulprakash A	AICTE	62 Days	01/04/2024	01/06/2024
5.	Baradhan S	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
6.	Danushya L	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
7.	Deivanai	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
8.	Devanaadhan D	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
9.	Diwaakaran P	AICTE	62 Days	01/04/2024	01/06/2024
10.	Fabian Dinesh A	Internpe	27 Days	19/08/2024	15/09/2024
11.	Farhaana M H	Cognifyz	31 Days	15/08/2024	15/09/2024
12.	Giridhar Raj K	AICTE	62 Days	01/04/2024	01/06/2024
13.	Giridharan S	Codsoft	31 Days	10/08/2024	10/09/2024
14.	Gobinaath S	AICTE	62 Days	01/04/2024	01/06/2024





15.	Harshavardhan D	AICTE	62 Days	01/04/2024	01/06/2024
16.	Hrithika Kristein J	AICTE	62 Days	01/07/2024	01/09/2024
17.	Jeevitha K	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
18.	Kabilan M	AICTE	62 Days	01/07/2024	01/09/2024
19.	Keerthika K	AICTE	62 Days	01/04/2024	01/06/2024
20.	Keerthivasan R	Codsoft	31 Days	10/08/2024	10/09/2024
21.	Kiruthiga	Prodigy Infotech	31 Days	01/10/2024	31/10/2024
22.	Kubendiran K B	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
23.	Kuralarasu B	Internpe	27 Days	19/08/2024	15/09/2024
24.	Mogesh N	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
25.	Naren Karthik S	Cognifyz	31 Days	15/08/2024	15/09/2024
26.	Naresh S	Arvidd Technologies	31 Days	15/08/2024	15/09/2024
27.	Navaneeth Vishva M	Internpe	27 Days	12/08/2024	08/09/2024
28.	Naveen Raj S	Internpe	27 Days	19/08/2024	15/09/2024
29.	Nishaa K	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
30.	Parthiban K	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
31.	Pragadeesh J	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
32.	Praveenkumar P	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
33.	Ragu Prasath R	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
34.	Rakesh K	Atharvo India Pvt.Ltd.	31 Days	19/08/2024	19/09/2024
35.	Ranjith Kumar S	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
36.	Rohitha Nancy A	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
37.	Saakshi Jain A	Internpe	27 Days	12/08/2024	08/09/2024
38.	Seeman M	Internpe	27 Days	19/08/2024	15/09/2024
39.	Sivaprassath S J	AICTE, Atharvo India Pvt.Ltd	31 Days	01/07/2024	19/08/2024
40.	Sowndarya M	Internpe, Atharvo India Pvt.Ltd	31 Days	12/08/2024	19/08/2024
41.	Sreekishore R	Internpe	27 Days	19/08/2024	15/09/2024
42.	Sridevi S	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
43.	Surannagari Venkata Govardhan Kumar Reddy	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
44.	Surender M	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
45.	Umar Sheik S	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
46.	Vigneshwaran M	AICTE	62 Days	01/04/2024	01/06/2024
47.	Vijayaraja V	Prodigy Infotech	31 Days	15/08/2024	15/09/2024



48.	Vishnupriya M S	Prodigy Infotech	31 Days	15/08/2024	15/09/2024
49.	Vishnuvarthan R	Internpe	31 Days	15/08/2024	15/09/2024
50.	Yuvaraj D	Atharvo India Pvt.Ltd.	31 Days	19/08/2024	19/09/2024

#### 6.2 Sponsored/Industry Projects

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

#### 6.3 Industrial Visits

S.No	Name of the Industry/ Company Research Institute	Date of Visit	Target Audience	Number of Students Participated
1.	Vikram Sarabhai Space Centre.	28.02.2025	57	50
2.	SkyPy	01.03.2025	57	50

#### 6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry/ Company/Research Institute	Date of Commencement	Purpose	Duration
1.	SAB Consultancy Services	10.03.2025	Enhancing the knowledge, skills and carrer prospects of the student	1 year

### SECTION-VII:STUDENT PROGRESSION

Number of Students Placed	37
Number of Students opted Higher Studies	02
Number of Entrepreneur	01

#### 7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1.	Abinaya S	Delphi TVS	2.2 Lakhs
2.	Abinaya S	INTEGRA	2.15 Lakhs
3.	Arjun R	INTEGRA	1.70 Lakhs
4.	Arjun S	INTEGRA	1.70 Lakhs
5.	Danushya L	INTEGRA	1.70 Lakhs
6.	Deivanai K	CTS	4.01 Lakhs
7.	Devanaadhan D	INTEGRA	1.70 Lakhs
8.	Fabian Dinesh A	TCS	3.45 Lakhs
9.	Giridhar Raj K	INTEGRA	2.15 Lakhs





10.	Giridharan S	Delphi TVS	2.2 Lakhs
11.	Giridharan S	INTEGRA	1.70 Lakhs
12.	Harshavardhan D	INTEGRA	1.70 Lakhs
13.	Hrithika Kristein	Hexaware	4 Lakhs
14.	Jeevitha K	Delphi TVS	2.2 Lakhs
15.	Jeevitha K	INTEGRA	2.15 Lakhs
16.	Jeevitha.K	Infiniti Software Solution	4 Lakhs
17.	Kabilan M	Hexaware	4 Lakhs
18.	Keerthika K	TCS	3.45 Lakhs
19.	Keerthivasan R	INTEGRA	2.15 Lakhs
20.	Keerthivasan.R	Delphi TVS	2.2 Lakhs
21.	Kiruthiga R	Hexaware	4 Lakhs
22.	Kubendiran KB	TCS	3.45 Lakhs
23.	Mogesh N	Hexaware	4 Lakhs
24.	Naren Karthik S	TCS	3.45 Lakhs
25.	Naresh S	Delphi TVS	2.2 Lakhs
26.	Navaneeth Vishva M	Delphi TVS	2.2 Lakhs
27.	Naveen Raj S	INTEGRA	1.70 Lakhs
28.	Nishaa K	Delphi TVS	2.2 Lakhs
29.	Parthiban K	TCS	3.45 Lakhs
30.	Praveena K	Delphi TVS	2.2 Lakhs
31.	Praveen Kumar P	INTEGRA	2 Lakhs
32.	Ragu Prasath R	INTEGRA	1.70 Lakhs
33.	Rakesh K	TCS	3.45 Lakhs
34.	Rakesh K	ZOHO	6 Lakhs
35.	Revanth D	INTEGRA	2.15 Lakhs
36.	Rohitha Nancy A	INTEGRA	2.15 Lakhs
37.	Saakshi Jain A	Hexaware	4 Lakhs
38.	Shaamil Khan A	INTEGRA	2.15 Lakhs
39.	Sivabalan S	INTEGRA	1.70 Lakhs
40.	S.J.Sivaprrasath	Delphi TVS	2.2 Lakhs
41.	Sivaprrasath S J	INTEGRA	1.70 Lakhs
42.	Sowndarya M	TCS	3.45 Lakhs
43.	Sreekishore R	Delphi TVS	2.2 Lakhs
44.	Sreekishore R	INTEGRA	1.70 Lakhs
45.	Sridevi S	Hexaware	4 Lakhs
46.	Sridevi S	TCS PEGA	3.95 Lakhs
47.	Surannagari Venkata Govardhan Kumar Reddy	TCS	3.45 Lakhs
48.	Surender M	TCS	3.45 Lakhs



49.	Umar Sheik	TCS	3.45 Lakhs
50.	Vigneshwaran M	Delphi TVS	2.2 Lakhs
51.	Vigneshwaran M	INTEGRA	2.15 Lakhs
52.	Vijayaraja	TCS PEGA	3.95 Lakhs
53.	Vishnupriya M S	TCS	3.45 Lakhs

### 7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	Vijayaraja L	University of monash, melborne, Australia	MS(AI)

### 7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location/Address
1	S .Varun Krishna	Beasova	Service	32, 1 <sup>st</sup> street thirumudinagar, Pondicherry 605001.

## SECTION-VIII:ACTIVITY CONDUCTED/ORGANIZED BY THEDEPARTMENT

### 8.1 Technical Event/Workshop for Student

S.No	Nameofthe Event / Workshop	Organized under (Department/Student Association/ ProfessionChapter)	Date of Event	Level(State/ National / International)	No. of Participants
1	Software Testing And Developme nt	Software Testing And Development Ru	23.08.2024	State Level	47
2	Career Guidance	Mr. Prakash Velayudham Ceo And Founder Of Vps Code Builders Pvt.	04.09.2024	State Level	59
3	Data Science And Its Importance	Dr. E. Kavitha Asst. Prof./Hod University College Of Engineering, Villupuram.	14.09.2024	State Level	59
4	Embedding	Ms. Sasikala Natarajan	19.10.2024		





	Artificial Intelligence In Back End Framework	Team Lead At Twilight It Solution		State Level	59
5	Internet Security	Mr. Hemachandar Software Developer At TCS	16.11.2024	Smvec	57
6	Fireless Cooking	Department	12.09.24	Smvec	57
7	AICTE Energy Literacy Training	Department	13.09.24	Smvec	57
8	Uhv Session & Chess And Carrom	Department	14.09.24	Smvec	57
9	Guest Lecture - Communication Skill	Department	15.09.24	Smvec	57
10	Volley Ball & Basket Ball	Department	16.09.24	Smvec	57
11	Motivation Talk	Department	17.09.24	SMVEC	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
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.	Harikrishnan A	Hackathon Competition	Thamzhasatup company, osur	Second Place
2.	Harikrishnan A	AI Art Generation	Chief Election Department	4 <sup>th</sup> prize
3.	Harikrishnan A	Future Tech AI Hackathone	Growbinar	2 <sup>nd</sup> Prize
4.	N.V.Akilesh Rajan	Shazaam-Western Solo	C.K.Group of Educational Institutions	First Prize



5.	Eashwara Prasadh And Jithin Prakash Team	Hand Ball Tournment	Pondicherry University	Fourth Prize
6.	Sharmila devi	Drawing	SMVEC	Ist Price
7.	Dhivya S	Slogan Writing(English)	SMVEC	Ist Price
8.	Reshma.K	Pencak sliat	Kongunadu Engineering College	2 <sup>nd</sup> Price
9.	Reshma.K	Pencak sliat	Indira Gandhi Stadium (STATE)	3 <sup>rd</sup> Price
10.	Reshma.K	Pencak sliat	Muthu rathinamHr Sec school (STATE)	2 <sup>nd</sup> Price
11.	Naveen K	Athletics(100 m)	SMVEC	3 <sup>rd</sup> Price

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

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

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

S.No	Name of the Faculty	Name of Editorial Boards/Conferences
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.R.Ramya	Academic-mentor

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.	Mrs.T. Sivaranjani	New Trends in Cloud Computing (webinar)	McGraw Hill	1
		Emerging Trends in Advanced Engineering Research: Opportunities and Challenges	Sree Sakthi Engineering College	6





		Artificial Intelligence & Data Analytics	Madanapalle Institute of Technology & Science	5
		BRIDGE 2024 – Puducherry (A High Impact Industry- Institute Interaction Event)	ICT Academy	1
		How to improve college ranking through effective implementation of OBE	Chase Research and Development Department	1
		AI and Quantum Computing: The Future of Intelligent System	ATAL Bharat Institute of Engineering and Technology	6
		Innovative Solutions for Smart Cities: Enhancing Mobility and Urban Sustainability	ATAL Takshashila University	6
		Masterclass Series under IP Utsav	AICTE & MIC	6
		From Manuscript to Masterpiece: Unleash LaTeX for researchers (workshop)	Research Department, Takshashila University	1
2.	Mr.J.Saravanan	Enhancing Academic Research Excellence: A comprehensive Approach to research Methodology and AI Integration	Research & Development cell	7
		International Association of Engineers	IAENG	2
		Palo Alto Cloud Security Fundamental	ICT Academy	5
3.	Mrs.T. Vijayalakshmi	Masterclass Series under IP Utsav	AICTE&MIC	6
		Innovation Ambassador Training Advance Level	AICTE&MOE	6
		Innovation Ambassador Upskilling certificates	AICTE&MOE	6
		Innovation Ambassador Training Foundation Level	AICTE&MOE	6
		Innovation Ambassador Training Reskilling	AICTE&MOE	6
4.	Mrs.M.Abirami	Data Base Management System	NPTEL	8
		Writers voice	Globally On	1



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	Applied Generative AI certification	INFOSYS	2
	Principle of Generative AI certification	INFOSYS	2

### 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. RAMYA, B.E., M.E., Ph.D.,**  
Professor and Head  
Department of Computer and Communication Engineering,  
Sri Manakula Vinayagar Engineering College,  
Madagadipet, Puducherry-605 107.





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**Recommendations:**

Criteria	Remarks
Curricular Aspects	-
Teaching, Learning and Evaluation	Improve ICT tools -usage.
Structured Feedback	
Research, Innovation and Publications	Improve Faculty publications
Collaborations and Linkages	Funding to be improved either through host or private.
Student Progression	-
Activity Conducted / Organized by the Department	-
Achievements	-
General Remarks	Good

Dr. R. Ravi Sankar  
Professor and Head  
Department of Computer and Communication Engineering  
Sri Manakula Vinayagar Engineering College  
Masabagpet, Hyderabad-502 107

Name and Signature  
Dr. R. Ravi Sankar  
Professor/MECH  
SMVEC

Name and Signature  
Dr. R. Sivakumar  
Assistant Professor /MBA  
SMVEC



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## **ACADEMIC AND ADMINISTRATIVE AUDIT**

### **DEPARTMENT OF FASHION TECHNOLOGY**





**ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENTS**  
**Academic Year: 2024-2025**  
**Internal Audit**

**SECTION -1: BASIC INFORMATION**

Audit Date	07.03.2025			
Name of the Department	Fashion technology			
Year of Establishment	2020			
Head of the Department	Dr.R.Ravisankar			
Programs Offered	Name of the Program		Approved Intake	
	U.G Program -B.Tech FT			
Programs Discontinued if any	Nil			
Number of full time Teachers	Designation	Available	Sanctioned	Filled
	Professor			
	Associate Professor	3		3
	Assistant Professor	2		2
Number of Technical Staff				
Number of Students	For UG :			For PG :
	Year	M	F	Total
	First Year			
	Second Year			
	Third Year	1	18	19
	Fourth Year	2	12	14
	Total			33
				Year
				M
				F
				Tota
				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	NIL	NIL	NIL

## Summary of changes in Curriculum/syllabus

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus
NIL	NIL

## 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) Advances in Garment Production	U20FTE508	19
2	IV/VII	Professional Elective - II Consumer Behavior in Fashion Industry	U20FTE716	14

## 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-II Product Development And Design	U20HSO501	19
2.	IV/VII	MBA	Open Elective-II Luxury Brand Management	U20HSO710	14

## 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	III/V	Skill Development Course 4 Carrier and professional skill development program	U20FTS504	19
2	III/V	Skill Development Course 5 Presentation Skill using ICT	U20FTS505	19

## 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	Certification Course – V CLO 3D	U20FTP512	19





**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.	III/IV	Indian Constitution	U20FTM505	19
2.	IV/VII	Professional Ethics	U20FTM707	14

**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**

**III Year / V Semester / 2022-2026**

S.N o	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.	Garment Construction -II	U20FTT515	Mrs J.Reeta Sathiya Sundari	45	45	45
2.	Textile Testing and Apparel Quality Evaluation	U20FTT516	Mr. K.Thangadurai	45	45	45
3.	Fashion Fore Casting And Accessories	U20FTT517	Mr. M.Jagannath	45	45	45
4.	Apparel Merchandising And Cost Management	U20FTT518	Mr. M.Jagannath	45	45	45
5.	(Professional Elective -II) Advances in Garment Production	U20FTE508	Mr. K.Thangadurai	45	45	45
6.	(OPEN ELECTIVE -II) Product Development And Design	U20HSO501	Mr. A.Mathiazhagan	45	45	45
<b>PRACTICAL</b>						
7.	General Proficiency -II	U20HSP502	Mrs.R.Gajalakshmi	30	30	30
8.	Garment Construction - II Lab	U20FTP510	MRS J.Reeta Sathiya Sundari	30	30	30
9.	Fashion Forecasting and Accessories Lab	U20FTP511	Mr. M.Jagannath	30	30	30
10.	Testing of Textile and Apparels Lab	U20FTP512	Mr. K.Thangadurai	30	30	30



**IV Year / VII Semester / 2021-2025**

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.	Apparel Production And Planning And Control	U20FTT723	Mrs J.Reeta Sathiya Sundari	45	45	45
2.	Brand Management and Visual Merchandising	U20FTT724	Mr. M.Jagannath	45	45	45
3.	Professional Elective - II Consumer Behavior in Fashion Industry	U20FTE716	Mr. K.Thangadurai	45	45	45
4.	Open Elective-II Luxury Brand Management	U20HSO710	Mr.T.Chandramohan	45	45	45
<b>PRACTICAL</b>						
5.	Business Basics for Entrepreneur	U20HSP703	Dr.R.Ravisankar	30	30	30
6.	Apparel Production And Planning And Control Lab	U20FTP716	Mrs J.Reeta Sathiya Sundari	30	30	30
7.	Brand Management and Visual Merchandising Lab	U20FTP717	Mr. M.Jagannath	30	30	30
8.	Comprehensive Viva Voce	U20FTP718	Mr. M.Jagannath	30	30	30
<b>PROJECT WORK</b>						
9.	Project Phase – I	U20FTW701	Mr. K.Thangadurai			

**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.Ravisankar	Product Certification in Garment Industry	Models & Smart classroom
2	Mr.M.Jagannath	Brand Management and Visual Merchandising	Video & ppt presentation
3	Mrs.Reeta sathiya sundari	Fashion Forecasting and Accessories	Video & ppt presentation

**3.3 List of Expert Lectures / Workshops Conducted**

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1.	Hands-on-training on "SNLS TECHNIQUES"	Mr.M.Murugadass, M.sc,(ph.d) Principle, Incharge apparels Tranning and design centre , Cuddalore	24/08/2024	III/IV year





2.	Hands-on-training on "MACHINE EMBROIDERY"	Mr.Azharsamy sathesh Ashurey machine embroidery solution Puducherry	09/07/2025	IV year
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### 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)
<b>III Year / V Semester / 2022-2026</b>					
1.	Textile Testing and Apparel Quality Evaluation	Mr. K.Thangadurai	Yes	2	Yes
2.	Garment Construction -II	Mrs J.Reeta Sathiya Sundari	Yes	2	Yes
<b>IV Year / VII Semester / 2021-2025</b>					
1.	Consumer Behavior in Fashion Industry	Mr. K.Thangadurai	Yes	2	Yes
2.	Luxury Brand Management	Mr.T.Chandramohan	Yes	2	Yes

### 3.5 Counseling and Mentoring

No. of Students in Department		Number of Mentors in the Department		Mentor: Mentee Ratio
33		4		33
S.No	Particular	Yes / No	Remarks (if any)	
1	Mentor allocation	Yes	Mentor-Mentee system is our integral part. For each mentors 15 students are allotted. The mentor maintains entire details about the students and does periodic counseling.	
2	Class wise student profile record maintained.	Yes	Class wise student Profile Record Maintained by the class advisor	
3	Mentor-mentee session record maintained.	Yes	Mentor – Mentee Session Record Maintained by the mentors	

### 3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous assessment examination conducted as per the academic calendar	Yes	Circular is maintained in the department exam cell



2	Are proper evaluation methods used for courses such as Employability Enhancement Courses, mandatory courses etc.,	Yes	Evaluation methods is followed based on Curriculum
3	Details of internal marks awarded	Yes	Maintained in the department exam cell
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	Well stated and passed in BOS
2	Correlation of COs with POs and PSOs for each course available	Yes	Well stated and passed in BOS
3	Course Exit survey conducted	Yes	Course wise exit survey conducted
4	Course Outcome Attainment Calculated	Yes	Course wise CO attainment calculated
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

#### III Year / V Semester / 2022-2026

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	19	
2	Number of All Clear Students	16	
3	Number of Students passed with Distinction	2	
4	Number of Students passed with First Class	12	
5	Number of Students passed with Second Class	2	
6	Number of Students Failed	3	
7	Passing Percentage	80%	

#### IV Year / VII Semester / 2021-2025

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	14	
2	Number of All Clear Students	14	
3	Number of Students passed with Distinction	2	
4	Number of Students passed with First Class	12	





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	21	
2	Number of students successfully completed the program	21	
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	9	Academic expert feedback on curriculum conducted with action taken report
2	Employer feedback on curriculum with analysis and action taken report	Yes	6	Employer feedback on curriculum conducted with action taken report
3	Teacher feedback on curriculum with analysis and action taken report	Yes	9	Teacher feedback on curriculum conducted and analyzed
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes	10	Course Exit Survey conducted and analyzed
5	Parent Feedback on Curriculum with analysis and action taken report	Yes	8	Parent Feedback collected and analyzed
6	Alumni feedback on curriculum with analysis and action taken report	Yes	12	Alumni Feedback conducted and analyzed
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	6	Student Feedback on Teaching and Learning conducted with action taken report
8	Graduate (program) Exit Survey with analysis and action taken report	Yes	6	Graduate (program) Exit Survey conducted and analyzed







**Books / Book Chapters**

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

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	REG. NO	Name of the Students	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration		
				Duration	From	To
1.	20UFT005	HEERA S	LOYAL TEXTILES CUDDALOR	10 days	20.7.2024	30.07.2024
2.	21UFT001	GAJALAKSHMI R	SCM PVT LTD TIRUPPUR	12 days	02.10.2024	19.10.2024
3.	21UFT002	HARSHINI G	SCM PVT LTD TIRUPPUR	12 days	02.10.2024	19.10.2024
4.	21UFT003	HRIDYESHAA M	SCM PVT LTD TIRUPPUR	12 days	02.10.2024	19.10.2024
5.	21UFT004	KRITHIKSHA P	SCM PVT LTD TIRUPPUR	12 days	02.10.2024	19.10.2024
6.	21UFT005	LOSHINI PRIYA S	CAUSADIRECT-COIMBATORE	12 days	02.09.2024	03.10.2024
7.	21UFT006	MANOHAR V	SCM PVT LTD TIRUPPUR	12 days	02.10.2024	19.10.2024
8.	21UFT007	NATHISRI S	SCM PVT LTD		02.10.2024	19.10.2024





S. No	REG. NO	Name of the Students	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration		
				Duration	From	To
			TIRUPPUR	12 days		
9.	21UFT008	PARKAVI R	CAUSADIRECT-COIMBATORE	12 days	02.09.2024	03.10.2024
10.	21UFT009	RAMYA M	SCM PVT LTD TIRUPPUR	12 days	02.10.2024	19.10.2024
11.	21UFT010	SELVAGANAPATHY A	LOYAL TEXTILES CUDDALORE	10 days	20.7.2024	30.07.2024
12.	21UFT012	SIVARANJANI S	CAUSADIRECT-COIMBATORE	12 days	02.09.2024	03.10.2024
13.	21UFT013	SUMITHRA E	LOYAL TEXTILES CUDDALORE	10 days	20.7.2024	30.07.2024
14.	21UFT014	PULLURU TEJA SREE	LOYAL TEXTILES CUDDALORE	10 days	20.7.2024	30.07.2024

## 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
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	12
Number of Students opted Higher Studies	2
Number of Entrepreneur	Nil

**7.1 Placements**

S.No	Name of the Student	Name of the Company	Salary Package (Lakhs/Annam)
1.	HEERA S	PRISMA PVT LTD	2.64 LPA
2.	GAJALAKSHMI R	SP APPARELS	3 LPA
3.	HARSHINI G	PRISMA PVT LTD	2.64 LPA
4.	HRIDYESHAA M	SP APPARELS	3 LPA
5.	KRITHIKSHA P	SP APPARELS	3 LPA
6.	LOSHINI PRIYA S	SP APPARELS	3 LPA
7.	MANOHAR V	SCM PVT LTD	2.64 LPA
8.	SUMITHRA E	PRISMA PVT LTD	3 LPA
9.	PARKAVI R	SP APPARELS	3 LPA
10.	RAMYA M	SP APPARELS	3 LPA
11.	SELVAGANAPATHY A	PRISMA PVT LTD	2.64 LPA
12.	PULLURU TEJA SREE	SP APPARELS	3 LPA

**7.2 Higher Studies**

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1.	NATHISRI S	CK College -cuddalore	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 / Student Club)	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 /	Organized under(Department /	Date of Event	Level (State / National /	No. of Participants
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	Workshop	Student Association/ Profession Chapter)		International)	
Nil					

### SECTION – IX: ACHIEVEMENTS

#### 9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Date of Event	Level (State / National / International)	Achievement / Position / Prizes
1	Infanta Christy Marie Rayan T	National Level Technical Symposium Vivanta'25(Quiztacular) Organized by KCG college of Technology	4-10-2024 & 5-10-2024	National Level	1 Prize
2	Monisha A	National Level Technical Symposium Vivanta'25(Quiztacular) Organized by KCG college of Technology	4-10-2024 & 5-10-2024	National Level	1 Prize
3	Balasankari A	Solo Fashion Parade National Level Technical Symposium at Thevanai Ammal College, Villupuram	14-2-2025	National Level	1 <sup>st</sup> Position
4	Thrisha A	Solo Fashion Parade National Level Technical Symposium at Thevanai Ammal College, Villupuram	14-2-2025	National Level	2 <sup>nd</sup> Position
5	Balasankari A	Group Fashion Parade National Level Technical Symposium at Thevanai Ammal College, Villupuram	14-2-2025	National Level	2 <sup>nd</sup> Position
6	Thrisha A	Group Fashion Parade National Level Technical Symposium at Thevanai Ammal College, Villupuram	14-2-2025	National Level	2 <sup>nd</sup> Position
7	Infanta Christy Marie Rayan T	Group Fashion Parade National Level Technical Symposium at Thevanai Ammal College, Villupuram	14-2-2025	National Level	2 <sup>nd</sup> Position
8	Suruthi R	Group Fashion Parade National Level Technical Symposium at Thevanai Ammal College, Villupuram	14-2-2025	National Level	2 <sup>nd</sup> Position
9	Priyadharshini M	Group Fashion Parade National Level Technical Symposium at Thevanai Ammal College, Villupuram	14-2-2025	National Level	2 <sup>nd</sup> Position





10	Lavanya R	Group Fashion Parade National Level Technical Symposium at Thevanai Ammal College, Villupuram	14-2-2025	National Level	2 <sup>nd</sup> Position
11	Swathi	Group Fashion Parade National Level Technical Symposium at Thevanai Ammal College, Villupuram	14-2-2025	National Level	2 <sup>nd</sup> Position
12	Kaviya R	Group Fashion Parade National Level Technical Symposium at Thevanai Ammal College, Villupuram	14-2-2025	National Level	2 <sup>nd</sup> Position
13	Tejesveni	Group Fashion Parade National Level Technical Symposium at Thevanai Ammal College, Villupuram	14-2-2025	National Level	2 <sup>nd</sup> Position
14	Lawanya P	Group Fashion Parade National Level Technical Symposium at Thevanai Ammal College, Villupuram	14-2-2025	National Level	2 <sup>nd</sup> Position
15	Ashvini A	Group Fashion Parade National Level Technical Symposium at Thevanai Ammal College, Villupuram	14-2-2025	National Level	2 <sup>nd</sup> Position
16	Balasankari A	Group Fashion Show National Level technical Symposium at SONA college of Technology	28-2-2025	National Level	2 <sup>nd</sup> Position
17	Arjunan R	Group Fashion Show National Level technical Symposium at SONA college of Technology	28-2-2025	National Level	2 <sup>nd</sup> Position
18	Infanta Christy Marie Rayan T	Group Fashion Show National Level technical Symposium at SONA college of Technology	28-2-2025	National Level	2 <sup>nd</sup> Position
19	Monisha A	Group Fashion Show National Level technical Symposium at SONA college of Technology	28-2-2025	National Level	2 <sup>nd</sup> Position
20	Lawanya P	Group Fashion Show National Level technical Symposium at SONA college of Technology	28-2-2025	National Level	2 <sup>nd</sup> Position
21	Ashvini A	Group Fashion Show National Level technical Symposium at SONA college of Technology	28-2-2025	National Level	2 <sup>nd</sup> Position





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22	Nityasanmugapriya R	Poster Making Competition At Ponidicherry Heritage Festival	18-3-2025	State Level	3 <sup>rd</sup> Place
23	Nityasanmugapriya R	English Essay Competition At Ponidicherry Heritage Festival	18-3-2025	State Level	1 <sup>st</sup> Place
24	Swathi	Fashion Illustration National Level technical Symposium at SONA college of Technology	28-2-2025	National Level	3rd Position
25	Priyadharshini M	Poster Making Competition At Ponidicherry Heritage Festival	18-3-2025	State Level	2 <sup>nd</sup> 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
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)
Nil				

**9.6. Best Practices followed by the Department.**

S.No	Best Practice	Description
1	ICT enabled teaching learning	Classrooms with Projector facility
2	Hands-On Training	Conducting hands-on training by industry experts.
3	Club Activities	Conducting programs through department Clubs and Professional bodies.

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

S.No	Name of the Alumni	Contact Details
1	R.Gajalakshmi Merchandiser, SP Apparel Ltd. Avinasi	Contact number: 9486165965 email id.: lakshmi03officially@gmail.com
2	S.Loshini Priya Merchandiser, SP Apparel Ltd. Avinasi.	Contact number.9655501911 email id.: loshinipriya55@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  
(Dr. R. Ravisankar)

### Recommendations:

Criteria	Remarks
Curricular Aspects	
Teaching, Learning and Evaluation	
Structured Feedback	
Research, Innovation and Publications	
Collaborations and Linkages	Industrial Visit to be improved.
Student Progression	
Activity Conducted / Organized by the Department	Need to initiate more Department activities.
Achievements	
General Remarks	

  
Dr. J. Pradeep

Department of ECE



Dr. S. Ganesh Kumaran

Department of EEE



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INTERNAL QUALITY ASSURANCE CELL

## **ACADEMIC AND ADMINISTRATIVE AUDIT**

## **SCHOOL OF ARCHITECTURE**





## ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC DEPARTMENTS

Academic Year: 2024-2025

Internal Audit

### SECTION -1: BASIC INFORMATION

Audit Date	07.03.2025			
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	11	11	22
	Second Year	6	13	19
	Third Year	13	13	26
	Fourth Year	9	7	16
	Fifth Year	16	9	25
	Total	55	53	108
	For PG :			
	Year	M	F	Tota
	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
--	---

## 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	U20EL0501	26
2	IV / VII	Energy Efficient Architecture	U20EL0710	16
3	IV / VII	Sustainable Architecture and Planning	U20EL0713	16
4	V / IX	Architectural Photography and Journalism	U20EL0915	25

## 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
1.			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	II / III	Surveying and Site Analysis	U23TS0314	19
2	V / IX	Architectural Photography and Journalism	U20EL0915	25

## 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.	II / III	AutoCAD Architecture	-	22
2.	V / IX	Revit Architecture	-	25





## 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
1.	I / I	Fundamental Arts Studio	U23ST0103	22

## 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	Google Sketchup with Lumion	-	19	19
2	V / IX	Revit Architecture	-	25	25
3	II / III	AutoCAD Architecture	-	22	22
4	V / IX	Photography	-	25	25

## SECTION -3: TEACHING, LEARNING AND EVALUATION

### 3.1 Course Delivery

#### ODD SEM

#### I Year / I Semester/

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	Ms.S.Revathi	45	45	45
2.	Introduction to Architecture	U23TH0101	Ar.Ganesh Kumar.M	45	45	45
<b>Theory cum Studio</b>						
3.	Communication English	U23TS0102	Mrs.D.Jaichithra	60	60	60
<b>Studio</b>						
4.	Fundamental Arts Studio	U23ST0103	Ar.S.Adithyan	90	90	90
5.	Introduction to Graphics	U23ST0104	Ar.Rakesh Habib	90	90	90
6.	Fundamental Design Studio	U23ST0105	Ar.S.Harshini	90	90	90

#### II Year / III 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
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[illegible]



5.	Building Services - III	U20TS0735	Ar.B.Kanimozhi	60	60	60
<b>Studio</b>						
6.	Architectural Design Studio - VI	U20ST0736	Ar.B.Kanimozhi	240	240	240

**V Year / IX Semester /**

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.S.Adithyan	45	45	45
2	Urban Design	U20TH0939	Ar.Ganesh Kumar.M	45	45	45
3	Urban Housing	U20TH0940	Ar.G.Vengatraman an	45	45	45
4	Architectural Journalism and Photography	U20EL0915	Ar.Ramanujam.S	45	45	45
<b>Studio</b>						
5	Architectural Design Studio- VII	U20ST0941	Ar.Aruna.T	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.	Ms.S.Revathi	Mathematics	PPT /lecture videos
2.	Ar.Ganesh Kumar.M	Introduction to Architecture	PPT /lecture videos
3.	Mrs.D.Jaichithra	Communication English	PPT /lecture videos
4.	Ar.S.Adithyan	Fundamental Arts Studio	PPT /lecture videos
5.	Ar.Rakesh Habib	Introduction to Graphics	PPT /lecture videos
6.	Ar.S.Harshini	Fundamental Design Studio	PPT /lecture videos
7.	Mr.V.Murugappan	Structural Analysis of Beams and Columns	PPT /lecture videos
8.	Ar.R.Poornima	History of Indian and Islamic Architecture	PPT /lecture videos
9.	Ar.Santhana Divyaa	Surveying and Site Analysis	PPT /lecture videos
10.	Ar.S.Harshini	Climate Responsive Architecture	PPT /lecture videos





11.	Ar.G.Vengatramanan	Building Materials and Construction	PPT /lecture videos
12.	Ar.R.Poornima	Rural Architectural Design Studio	PPT /lecture videos
13.	Mr.V.Murugappan	Design of Structures - II	PPT /lecture videos
14.	Ar.B.Kanimozhi	History of Architecture - III	PPT /lecture videos
15.	Ar.S.Harshini	Vernacular Architecture	PPT /lecture videos
16.	Ar.S.Suwathika	Building Services - II	PPT /lecture videos
17.	Ar.G.Vengatramanan	Building Materials & Construction - IV	PPT /lecture videos
18.	Ar.Santhana Divyaa	Architectural Design Studio - IV	PPT /lecture videos
19.	Ar.R.Poornima	Professional Practice and Ethics	PPT /lecture videos
20.	Ar.S.Adithyan	Landscape and Ecology	PPT /lecture videos
21.	Ar.S.Harshini	Energy Efficient Architecture	PPT /lecture videos
22.	Ar.R.Poornima	Sustainable Architecture and Planning	PPT /lecture videos
23.	Ar.B.Kanimozhi	Building Services - III	PPT /lecture videos
24.	Ar.B.Kanimozhi	Architectural Design Studio - VI	PPT /lecture videos
25.	Ar.S.Adithyan	Human Settlement and Planning	PPT /lecture videos
26.	Ar.Ganesh Kumar.M	Urban Design	PPT /lecture videos
27.	Ar.G.Vengatramanan	Urban Housing	PPT /lecture videos
28.	Ar.Ramanujam.S	Architectural Journalism and Photography	PPT /lecture videos
29.	Ar.Aruna.T	Architectural Design Studio- VII	PPT /lecture videos

### 3.3List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1.	Mall for Tomorrow – Blending Architecture and Retail	Ar.Lokesh Janakiraman – Design and Product ,RWD Chennai	14/09/2025	26
2.	Brick Bonding Workshop	Ar.Prithiviraj - Assistant Professor ,SMVSA	28/09/2024	19
3.	Kalamkari and Tanjore Painting Workshop	Dr.Karupusamy.P – Associate Professor , SRM	06/11/2024 to 08/11/2024	22





### 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)
<b>I Year / I Semester /</b>					
1.	Introduction to architecture		Yes	2	Yes
<b>II Year / III Semester /</b>					
1.	Structural steel design		Yes	2	Yes
<b>III Year / V Semester /</b>					
1.	Building services II		Yes	2	Yes
<b>IV Year / VII Semester /</b>					
NIL					

### 3.5 Counseling and Mentoring

No. of Students in Department		Number of Mentors in the Department		Mentor: Mentee Ratio
108		9		1:13
S.No	Particular	Yes / No		Remarks (if any)
1				

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
108	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

#### II Year / III Semester /

Sr. No	Particular	B.Arch	M. Tech
1	Number of Students appeared	19	
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	2	
7	Passing Percentage	89.4	

#### III Year / VI Semester /

Sr. No	Particular	B.Arch	M. Tech
1	Number of Students appeared	26	
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	5	
7	Passing Percentage	80	

#### V Year / IX Semester /

Sr. No	Particular	B.Arch	M. Tech
1	Number of Students appeared	25	
2	Number of All Clear Students	25	
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

Sr. No	Particular	UG	PG
1	Number of outgoing students	25	-
2	Number of students successfully completed the program	25	-
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		
2	Employer feedback on curriculum with analysis and action taken report	Yes		
3	Teacher feedback on curriculum with analysis and action taken report	Yes		
4	Student feedback on curriculum (Course Exit survey) with analysis and action taken report	Yes		
5	Parent Feedback on Curriculum with analysis and action taken report	Yes		
6	Alumni feedback on curriculum with analysis and action taken report	Yes		
7	Student Feedback on Teaching and Learning conducted with analysis and action taken report	Yes	Yes	
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
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
Nil						

### Publication Details for Academic Year consider for Auditing

Publication Details for Readmission Year Consider for Awarding	
Number of Publications in National Journals	
Number of Publications in International Journals	
Number of Publications in National Conferences	
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	

## National Journal

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

## International Journal

## Academic Year

Academic Year					
Sl.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, Issue, pp, Year /ISSN	Indexing
1.					-

## 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
<b>Odd Sem</b>						
Nil						

## International Conference

S.N o	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
<b>Odd Sem</b>						
Nil						



### Books / Book Chapters

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

### 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
1.	ABIRAMI O	ULCC ,Kozhikode	90 Days	20/01/2025	27/05/2025
2.	AMAYA SREEJESH	Design Forum Architects , Mahe	90 Days	06/01/2025	12/05/2025
3.	APOORVA.S.B	Studio HD Architects ,Chennai	90 Days	20/01/2025	27/05/2025
4.	DESIGAN K	Pithavadian and Partners, Chennai	90 Days	27/12/2024	02/05/2025
5.	DEVA DHARSHNINI R	Office Banao,Bangalore	90 Days	07/01/2025	16/05/2025
6.	DEVANARAYANAN C.R	Office Banao,Bangalore	90 Days	27/12/2024	01/05/2025
7.	ILAKKIYAN S	Office Banao,Bangalore	90 Days	06/01/2025	12/05/2025
8.	KATHIRESAN V	DG Architects ,Chennai	90 Days	20/01/2025	27/05/2025
9.	MANEEKSHAA G	ODDS Architects,Chennai	90 Days	02/01/2025	13/05/2025
10.	MATHIVANANE S	G Design Studio, Architects	90 Days	06/01/2025	12/05/2025
11.	PRAVINKUMAR E	Ovoid Atliers ,Puducherry	90 Days	27/01/2024	01/05/2025
12.	SANTHOSH L	Office Banao,Bangalore	90 Days	06/01/2025	12/05/2025
13.	SHRI VARSHINI	ODDS Architects,Chennai	90 Days	02/01/2025	13/05/2025
14.	SUBIKSHA.T	Office Banao,Bangalore	90 Days	15/01/2024	27/05/2025
15.	VANQUISH REMESH	G Design Studio , Coimbatore	90 Days	06/01/2025	12/05/2025
16.	VELAN S	Pithavadian and Partners, Chennai	90 Days	27/12/2024	02/05/2025





## 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 Visit

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	Urban study- Thanjavur	22.07.2024 – 27.07.2024	25	25
2	Rural study - Ananthathandavapuram	05.08.2024 - 09.08.2024	19	19
3	IIM Bangalore	20.09.2024	16	16

## 6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	Le Arch Design Studio	03/06/2024	Internship and Training Programs, Guest Lectures and Workshops and Research Development.	3
2.	Sree Ragavendra Architects & Constructions	10/06/2024	Internship and Training Programs, Guest Lectures and Workshops and Research Development.	3
3.	Attic Studio	10/06/2024	Internship and Training Programs, Guest Lectures and Workshops and Research Development.	3

## SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	20
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 (Lakhs/Annam)
1.	Aishwarya.B	Sonali & Sidharthlodha Architecture - Chennai	2.5 Lakhs
2.	Anusha.H	HIIVA, Puducherry.	2.25 Lakhs
3.	Anushaw.M	SASW - banglore	3 Lakhs





S.No	Name of the Student	Name of the Company	Salary Package (Lakhs/Annam)
4.	Harikaran.S	JJ infra - pondicherry	2.5 Lakhs
5.	Jamila Shameena.M	Viva design studio, pondicherry	2.5 Lakhs
6.	Jothikha.B	VRG Design Den, Chennai	2.75 Lakhs
7.	Logeshwar. T.S.	SREALTY Crafting dreams, chennai	2.5 Lakhs
8.	Lokesh.J	Verdant space design studio - chennai	2.5 Lakhs
9.	Mohamed Afridi.M	Kama architects, Dubai	8.2 Lakhs
10.	Mohamed Fayas.A	nexvion services LLC, Dubai	7.2 Lakhs
11.	Mohana Priya.S	studio wonder spaces, coimbatore	2.5 Lakhs
12.	Neeharika.V	Jyamiti architectural studio	2.2 Lakhs
13.	Praveen Kumar.A	Architecture Interspace - Chennai	2.5 Lakhs
14.	Nivetha.L	Jeno Maran Builders Pvt. Ltd, Puducherry	2.5 Lakhs
15.	SuruthiI. M	Aurazia Design Studio, Chennai	3 Lakhs
16.	Praveen.A	Indesign Architects and Interiors, Chennai	2.5 Lakhs
17.	Rishavarthini.M	Chi Architects, Singapore (Remote Work)	4 Lakhs
18.	Roopavathi. S	Tash Architects	3 Lakhs
19.	Sarumathi.M	Studio 44 Architects - Chennai	2.5 Lakhs
20.	Srinivas.G	Sri Atelier - Pondicherry	2.5 Lakhs

## 7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1.	Dhanigaivel E	MIDAS	M.Arch (General)
2.	Kishore P	MIDAS	M.Arch (General)
3.	Hari Gowtham A	MIDAS	M.Arch (General)
4.	Deepika N	SAP, ANNA UNIVERSITY	M.Arch (Landscape architecture)

## 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	Blending architecture and retail design –	Department	14- 09- 2024	State	26



	guest lecture				
2	Revitalisation of urban centres - GIS WORKSHOP	Department	11 & 12- 09- 2024	State	25

## 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	Priyanka G	D- Con 24 - Design Competition	Inter-University	2 Nd Prize
2	Priyanka G	D- Con 25- Quiz Competition	Inter-University	1st Prize
3	Soniyasri G	Bis - Miming Competition	National	2nd Prize
4	Deeptika V	Bis- Meme Creation	National	3rd Prize
5	Soumiya	World Consumer Day	National	Versatile Talent Award

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

#### 9.3

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

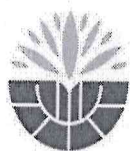
### 9.4 Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers bodies

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

### 9.5 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		





**9.6 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.R.Poornima	Visual communication design for digital media	NPTEL	4 weeks
		Application of Remote sensing and GIS in spatial planning	NIT Patna	17.5.25 to 21.05.25
		Interior design	NPTEL	8 weeks
2	Ar. M. Prithiviraj	Introduction to Graphic design	NPTEL	8 weeks
		Bioclimatic architecture: Future proofing with simple and Advance passive Strategies	NPTEL	12 weeks
		Interior design	NPTEL	8 weeks
		Enhancing soft skills and personality	NPTEL	8 weeks
		Academic Leadership and institutional development	UGC, Govt. Of India	04.06.25 To 13.06.25
		workshop on Generative AI	StudAI ELV	15.11. 24 To 16.11.24
		Energy efficient building technology	NIT Hamirpur	02.12.24 to 06.12.24
		NEP 2020 Orientation and Sensitization program	UGC, Govt. Of India	22.01.25 to 30.01.25
		Urban thinkers campus on sustainable housing for sustainable city	CMDA, Govt.Of Tamil Nadu, MCCI, NIUA	17.12.24
		Young Architects festival IIA	IIA	07.02.25 to 09.02.25
3	Ar.S.Harshini	Application of Remote sensing and GIS in spatial planning	NIT Patna	17.5.25 to 21.05.25
		Interior design	NPTEL	8 weeks
		Strategy for sustainable design	NPTEL	12weeks
4	Ar. B. Kanimozhi	Contemporary architecture and design	NPTEL	4 weeks
		Application of Remote sensing and GIS in spatial planning	NIT Patna	17.5.25 to 21.05.25
		Interior design	NPTEL	8 weeks



**9.6. Best Practices followed by the Department.**

S.No	Best Practice	Description
1	Mentor - Mentee	The Mentor–Mentee system in B.Arch. ensures continuous academic, professional, and personal guidance for students and follow counselling form. Each faculty mentor supports mentees in academics, projects, career planning, and placement.

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

S.No	Name of the Alumni	Contact Details
1	Kishore	6382602140
2	Harishanthana	9043775483
3	Manoj Kumar	822093957

**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	All Documents submitted as part of the curriculum and verified the same.
Teaching, Learning and Evaluation	All Documents submitted and verified the same.
Structured Feedback	All Documents submitted and verified the same.
Research, Innovation and Publications	<ul style="list-style-type: none"> <li>• Need to Concentrate on Research and Development to Publish in reputed Journals.</li> <li>• Priority to be given for Funding Projects and Patent.</li> <li>• Department must Initiate to publish Books/Book Chapters.</li> </ul>
Collaborations and Linkages	Department must concentrate for getting sponsored projects from Industries.
Student Progression	All Documents submitted and verified the same.
Activity Conducted / Organized by the Department	All Documents submitted and verified the same.
Achievements	Suggest faculties to involve more activities like Resource Persons, Reviewer.
General Remarks	All documents are present, and it is suggested to incorporate the above-mentioned details. Overall, its Commendable.

*Dr. J. Pradeep*  
**Dr.J.Pradeep**

Professor

Department of ECE

Sri Manakula Vinayagar Engineering  
College

*S. Ganesh*

**Dr.S.Ganesh Kumaran**

Associate Professor

Department of EEE

Sri Manakula Vinayagar Engineering  
College



SRI MANAKULA VINAYAGAR  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



INTERNAL QUALITY ASSURANCE CELL

## ACADEMIC AND ADMINISTRATIVE AUDIT

### MASTER OF COMPUTER APPLICATION





**ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC  
DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS  
(Academic Year 2024–2025)  
Internal Audit**

**SECTION –1: BASIC INFORMATION**

Audit Date	08/03/2025			
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		Approved Intake	
	P. G Program - MCA		180	
Programs Discontinued if any				
Number of full time Teachers	Designation	Available	Sanctioned	Filled
	Professor	03		
	Associate Professor	06		
	Assistant Professor	15		
Number of Technical Staff	01			
Number of Students	For UG -----:		For PG -----:	
	Year	M	F	Total
	First Year			
	Second Year			
	Third Year			
	Fourth Year			
	Total			
	Year	M	F	Total
	First Year	83	75	158
	Second Year	63	88	151
	Total	146	163	309
Faculty Student Ratio	For UG: -		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 COMPUTER APPLICATIONS	R 2023	20.09.2024

**Summary of changes in Curriculum/syllabus**

<b>Highlights of the previous curriculum/syllabus</b> Introduced new Courses focusing on Industry Oriented with Advanced Technologies are used for framing a new regulation and Curriculum.	<b>Highlights of the Current curriculum/syllabus</b> New Courses included in the R- 2023 curriculum are <ul style="list-style-type: none"> <li>Skill Enhancement courses-Aptitude added in I semester</li> </ul>
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**Theory Cum practical courses are introduced.**

- Advanced C Programming & Lab
- Advanced Data base Management Systems & Lab
- Advanced Operating Systems & Lab
- Advanced Data Structured and Algorithms & Lab
- Advanced Java Programming & Lab

- Micro Project Lab added in **III** Semester
- Full time Field project/Industry project is assigned in IV Semester.
- Laboratory, Theory paper are removed from **IV** Semester.

**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
<b>ODD / -Dec 2024)/Batch(2023-25)/ 3 Sem</b>				
1	<b>II/III</b>	Professional Elective-2: Data science in big data	P20MCE301	151

**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
<b>ODD/ Batch(2024-26)/I SEM/A ,B SEC/(Oct2024-Jan 2025)</b>				
1	<b>Batch (2024-26) / I / I</b>	Skill enhancement course I (English)	P23ENS101	158
2	<b>Batch (2024-26) / I / I</b>	Skill enhancement course II(Aptitude)	P23MCS104	158

**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	<b>Batch (2024-26) / I / I</b>	Python Programming	P23MCC112	158
2	<b>Batch (2023-25) II / III</b>	CCNA (Routing And Switching)	P23MCC307	151

**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

I Semester : (Sep2024 – Jan2025) / Batch(2024-26) / 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	R.Dhanalakshmi	45	45	45
4	Advanced Operating Systems /P23MCT103	S.Jacinthamary	45	45	45
5	Accounting and Financial Management / P23MST115	Angelamary. M	45	45	45
<b>PRACTICAL</b>					
6	Advanced C Programming Lab / P23MCP101	P.Logaiyan R.Karpagavalli	40	40	40
7	Advanced Database Management Systems Lab / P23MCP102	D.Poornima R.Dhanalakshmi	40	40	40
8	Operating Systems Lab /P23MCP103	S.Jacinthamary S.Sumathy	40	40	40
9	Skill Enhancement Course-I / P23ENS101	Jasmine. S	40	40	40
10	Skill Enhancement Course-II (Aptitude) / P23MCS102	Ms. M. Subathra	40	40	40

I Semester : (Sep2024 – Jan2025) /Batch(2024-26)/B

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as	No. of Lectures / Practical hours as	No. of Lectures / Practical hours
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			per syllabus	per Lesson Plan	
1	Mathematical Foundation Of Computer Applications /P23MAT107	Vasanth V	60	60	60
2	Problem Solving Using C /P23MCT101	D.Poornima	45	45	45
3	Advanced Data Base Management Systems / P23MCT102	R.Karpagavalli	45	45	45
4	Advanced Operating Systems /P23MCT103	S.Sumathy	45	45	45
5	Accounting and Financial Management / P23MST115	Dr. Sureka. R	45	45	45
<b>PRACTICAL</b>					
6	Advanced C Programming Lab / P23MCP101	D.Poornima J.Sangeetha	40	40	40
7	Advanced Database Management Systems Lab / P23MCP102	E.Purushothaman R.Karpagavalli	40	40	40
8	Operating Systems Lab /P23MCP103	R.Vinodkumar S.Sumathy	40	40	40
9	Skill Enhancement Course-I / P23ENS101	Jasmine. S	40	40	40
10	Skill Enhancement Course-II (Aptitude) / P23MCS102	Ms. M. Subathra	40	40	40

**I Semester : (Oct2024 – Jan2025) /Batch(2024-26)/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	Vasanth V	60	60	60
2	Problem Solving Using C /P23MCT101	E.Purushothaman	45	45	45
3	Advanced Data Base Management Systems / P23MCT102	J.Sangeetha	45	45	45
4	Advanced Operating Systems /P23MCT103	R.Vinodkumar	45	45	45
5	Accounting and Financial Management / P23MST115	Dr. Sureka. R	45	45	45



PRACTICAL					
6	Advanced C Programming Lab / P23MCP101	E.Purushothaman R.Dhanalakshmi	40	40	40
7	Advanced Database Management Systems Lab / P23MCP102	P.Logaiyan J.Sangeetha	40	40	40
8	Operating Systems Lab /P23MCP103	S.Jacinthamary R.Vinodkumar	40	40	40
9	Skill Enhancement Course-I / P23ENS101	Jasmine. S	40	40	40
10	Skill Enhancement Course-II (Aptitude) / P23MCS102	Ms. M. Subathra	40	40	40

**III Semester : (Sep2024-Dec 2024)/Batch(2023-25)/ 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	Dr.T.Amalraj Victoire	45	45	45
2	Blockchain Technologies / P23MCT303	D.Karthikeyan	45	45	45
3	Advanced Java Programming / P23MCT301	V.Udhayakumar	45	45	45
4	Mobile Application Development / P23MCT304	A.Angayarkanni	45	45	45
5	<b>Elective Stream – 2 :</b> Data Science in Big Data/ P23MCE301	E.Subash	45	45	45

**PRACTICAL**

6	Advanced Java Programming Lab/ P23MCP301	V.Udhayakumar A.Angayarkanni	40	40	40
7	Mobile Application Development Lab / P23MCP302	V.Udhayakumar A.Angayarkanni	40	40	40
8	Mini Project/ P23MCP303	Dr.T.Amalraj Victoire D.Karthikeyan	40	40	40
9	Technical Seminar And Report Writing / P23MCP304	D.Karthikeyan E.Subash	40	40	40

**III Semester : (Sep2024-Dec 2024)/Batch(2023-25)/ 3 sem/B SEC**

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as	No. of Lectures / Practical hours as	No. of Lectures / Practical hours
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			per syllabus	per Lesson Plan	
1	Machine Learning / P23MCT302	Dr.A.Ramalingam	45	45	45
2	Blockchain Technologies / P23MCT303	P.Rajapandian	45	45	45
3	Advanced Java Programming / P23MCT301	K.Umasankar	45	45	45
4	Mobile Application Development / P23MCT304	D.Praveen Kumar	45	45	45
5	<b>Elective Stream – 2 :</b> Data Science in Big Data/ P23MCE301	A.Gayathri	45	45	45
<b>PRACTICAL</b>					
6	Advanced Java Programming Lab/ P23MCP301	K.Umasankar E.Anandarupini	40	40	40
7	Mobile Application Development Lab / P23MCP302	K.Umasankar D.Praveen Kumar	40	40	40
8	Mini Project/ P23MCP303	Dr.A.Ramalingam P.Rajapandian	40	40	40
9	Technical Seminar And Report Writing / P23MCP304	P.Rajapandian A.Gayathri	40	40	40

**III Semester : (Sep2024-Dec 2024)/Batch(2023-25)/ 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	Dr.A.Karunamurthy	45	45	45
2	Blockchain Technologies/ P23MCT303	R.Ramakrishnan	45	45	45
3	Advanced Java Programming/ P23MCT301	M.Vasuki	45	45	45
4	Mobile Application Development / P23MCT304	E.Anandarupini	45	45	45
5	<b>Elective Stream – 2 :</b> Data Science in Big Data/ P23MCE301	S.Nandhini	45	45	45
<b>PRACTICAL</b>					
6	Advanced Java Programming Lab/ P23MCP301	M.Vasuki E.Subash	40	40	40
7	Mobile Application Development Lab/ P23MCP302	M.Vasuki E.Anandarupini	40	40	40
8	Mini Project/ P23MCP303	Dr.A.Karunamurthy R.Ramakrishnan	40	40	40



9	Technical Seminar And Report Writing/ P23MCP304	R.Ramakrishnan S.Nandhini	40	40	40
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### Use of ICT Tools in Teaching Learning

Semester: I sem Batch(2023-25) A,B & C /

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Vasanth V	Mathematical foundation of computer Applications/P23MAT107	PPT/Lecture Videos, Digital writing Board
2	P.Logaiyan D.Poornima E.Purushothaman	Problem solving using C/P23MCT101	PPT/Lecture Videos
3	R.Dhanalakshmi R.Karpagavalli J.Sangeetha	Advanced data base management systems/P23MCT102	PPT/Lecture Videos
4	S.Jacinthamary S.Sumathy R.Vinodkumar	Advanced operating systems/P23MCT103	PPT/Lecture Videos, Digital writing Board
5	Angelamary. M Dr. Sureka. R	Accounting and financial management/P23MST115	PPT/Lecture Videos, Digital writing Board
<b>III sem Batch(22-24) A,B &amp; C</b>			
6	Dr.T.Amalraj Victoire Dr.A.Ramalingam Dr.A.Karunamurthy	Machine Learning/ P23MCT302	PPT/Lecture Videos
7	D.Karthikeyan P.Rajapandian R.Ramakrishnan	Blockchain Technologies/ P23MCT303	PPT/Lecture Videos
8	V.Udhayakumar K.Umasankar M.Vasuki	Advanced Java Programming/ P23MCT301	PPT/Lecture Videos, Digital writing Board
9	A.Angayarkanni D.Praveen Kumar E.Anandarupini	Mobile Application Development / P23MCT304	PPT/Lecture Videos, Digital writing Board
10	E.Subash A.Gayathri S.Nandhini	<b>Elective Stream – 2 :</b> Data Science in Big Data/ P23MCE301	PPT/Lecture Videos

### 3.2List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
<b>Expert Lectures</b>				
1	Latest Technology in industry	John de Brito.R, Testing engineer, TCS	28/12/24	158





2	JQuery16/NOSQL,MangoDB	Mr.Mohan Kumar, Technical Lead, HCL Technologies, Navalur, Chennai	08/01/25	158
3	Cyber Security	Naresh.A System Engineer , TCS,SAP- ABAP Siruseri, Chennai.	25/01/25	158
4	Block Chain Technology	Ms.Harinarayani, SDET, Automation Tester Zuci Systems, Chennai	27/09/24	151
5	Data Science	Dr.BehinSam,PG & Research Dept of Computer Science, Dr.Ambedcar Arts College, Autonomous / Chennai	14/10/24	151
6	Machine Learning Algorithms using Python	Ilambarithi.R, Graphics Designer Head, RR Donnelley, Chennai	09/11/2024	151
<b>Workshop</b>				
1	Introduction of python and R Tool	Nirmalaeswaran.P Director & Co founder , RED FOX Education.	04/10/2024	151
2	Emerging Trends in Java Fullstack	Thamizharasan.K. Senior Team head, CTS, Chennai.	22/11/2024	158

### 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)
<b>ODD / (Dec 2023 – May 2024) I Year / I SEM 2023-2025</b>					
1	Mathematical foundation of computer Applications/P23MAT107	Vasanth V	Yes	3	Yes
2	Problem solving using C/P23MCT101	P.Logaiyan D.Poornima E.Purushothaman	Yes	2	Yes
3	Advanced data base management systems/P23MCT102	R.Dhanalakshmi R.Karpagavalli J.Sangeetha	Yes	2	Yes
4	Advanced operating systems/P23MCT103	S.Jacinthamary S.Sumathy R.Vinodkumar	Yes	2	Yes
5	Accounting and financial management/P23MST115	Angelamary. M Dr. Sureka. R	Yes	3	Yes
<b>II YEAR / III SEM / BATCH (2023-2025)</b>					





1	Machine Learning/ P23MCT302	Dr.T.Amalraj Victoire Dr.A.Ramalingam Dr.A.Karunamurthy	Yes	3	Yes
2	Blockchain Technologies/ P23MCT303	D.Karthikeyan P.Rajapandian R.Ramakrishnan	Yes	2	Yes
3	Advanced Java Programming/ P23MCT301	V.Udhayakumar K.Umasankar M.Vasuki	Yes	2	Yes
4	Mobile Application Development / P23MCT304	A.Angayarkanni D.Praveen Kumar E.Anandarupini	Yes	2	Yes
5	<b>Elective Stream – 2 :</b> Data Science in Big Data/ P23MCE301	E.Subash A.Gayathri S.Nandhini	Yes	2	Yes

### 3.4 Counseling and Mentoring

No. of Students in Department		Number of Mentors in the Department		Mentor: Mentee Ratio	
309		24		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			

### 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	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	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(24-26)

Sr. No	Particular	PG
1	Number of Students appeared	158
2	Number of All Clear Students	123
3	Number of Students passed with Distinction	122
4	Number of Students passed with First Class	01



5	Number of Students passed with Second Class	-
6	Number of Students Failed	35
7	Passing Percentage	78%

**Semester:III / BATCH (23-25)**

Sr. No	Particular	PG
1	Number of Students appeared	151
2	Number of All Clear Students	147
3	Number of Students passed with Distinction	146
4	Number of Students passed with First Class	1
5	Number of Students passed with Second Class	-
6	Number of Students Failed	4
7	Passing Percentage	97%

**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	75	-
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	15	-
3	Student Exit Survey conducted and Analysed	Yes	50	-
4	Alumni Feedback conducted and Analysed	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
	2021-2022	3	-	-	-	-
	2022-2023	4	1	-	-	-
	2023-2024	1	-	-	-	8.17
	2024-2025	-	-	-	-	

#### Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	NIL
Number of Publication in International Journals	01
Number of Publication in National Conferences	NIL
Number of Publication in International Conferences	NIL
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	Efficient Task Scheduling in Cloud Computing: A Multiobjective Strategy Using Horse Herd-Squirrel Search Algorithm	A. Karunamurthy, C. H. Hussaian Basha, S. Senthilkumar	International Transactions on Electrical Energy Systems, Wiley publications	Vol. 2024, Article ID 1444493, 14 pages, 10/2024 ISSN: 2050-7038	SCI / 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
NIL						

#### Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Cyber security and IoT(book)	Dr.A.Karunamurthy	978-81-981247-5-3 30/10/2024	Quing Publications





#### Patent

S.No	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No
1	Dr. A. Karunamurthy, Mr. R. Ramakrishnan, Mr. P. Rajapandian, Mr. V. Udhayakumar	Dr. A. Karunamurthy, Mr. R. Ramakrishnan, Mr. P. Rajapandian, Mr. V. Udhayakumar	Cloud Based Healthcare Monitoring System Using Iot	429686-001 07/09/2024	India

#### 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

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
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 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	63
Number of Students opted Higher Studies	NIL
Number of Entrepreneur	01



### 7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	AKASH A	INTEGRA	2.15 LPA
2	AMIRTHA S	TCS	3.6 LPA
3	ANGARIKA P	THIRSTY CROWZ	1.2 LPA
4	ANIRUDHANE V	INTEGRA	1.7 LPA
5	ARCHANA K	TCS	3.6 LPA
6	ARULMOZHI S	INTEGRA	1.7 LPA
7	ARUNKUMAR C	THIRSTY CROWZ	1.2 LPA
8	ASHOK M	HEXAWARE	4.0 LPA
9	CHARANYA I	INTEGRA	1.7 LPA
10	CHARANYA I	HATTUSSA	1.4 LPA
11	DAMODARAN S	TCS	3.6 LPA
12	DEEPA SHIVANI A	TCS	3.6 LPA
13	DEEPA V	INTEGRA	1.7 LPA
14	DEEPIKA L	INTEGRA	1.7 LPA
15	GAYATHRI R	THIRSTY CROWZ	1.2 LPA
16	GEETHA PRIYA V	TCS	3.6 LPA
17	GOPAL N	INTEGRA	1.7 LPA
18	HARSHINI S	TCS	3.6 LPA
19	HEMALATHA G	INTEGRA	2.15 LPA
20	HEMASUJITHAA D	INTEGRA	1.7 LPA
21	HEMAVATHI C	INTEGRA	1.7 LPA
22	ILAKIYA D	INTEGRA	1.7 LPA
23	ILAKIYA D	HATTUSSA	1.4 LPA
24	IMRAN B	YUVABE	3.6 LPA
25	JAGATHRACHAGAN A	INTEGRA	1.7 LPA
26	JANANI S	TCS	3.6 LPA
27	JOTHSANA S	TCS	3.6 LPA
28	KANAKALA SATYA SURYA SUDEEPTHI	TCS	3.6 LPA
29	KANCHANASHREE R	INTEGRA	2.15 LPA
30	KARTHIGA A	THIRSTY CROWZ	1.2 LPA
31	KEERTANA S	INTEGRA	1.7 LPA
32	KIRUTHIGA R	HEXAWARE	2.6 LPA
33	KISHOR L	INTEGRA	1.7 LPA
34	KISHOR L	THIRSTY CROWZ	1.2 LPA
35	LEELAVATHY K	INTEGRA	1.7 LPA
36	MEGANATHAN M	TECH MAHINDRA	4.0 LPA
37	NANDHINI V	INTEGRA	2.15 LPA
38	NIKESHKANNA R	THIRSTY CROWZ	1.2 LPA
39	NIVETHA J	INTEGRA	2.15 LPA
40	NIVETHA U	THIRSTY CROWZ	1.2 LPA
41	PRADEEPKUMAR G	INTEGRA	1.7 LPA





42	PRASANTH B	THIRSTY CROWZ	1.2 LPA
43	PRASANTH C	INTEGRA	2.6 LPA
44	PRATHIS M	HATTUSSA	1.4 LPA
45	PREETHI S	INTEGRA	2.15 LPA
46	PUVIYARSAI A	THIRSTY CROWZ	1.2 LPA
47	RASIGA R	HATTUSSA	1.4 LPA
48	SANDRU	HATTUSSA	1.4 LPA
49	SASIDHARAN M	THIRSTY CROWZ	1.2 LPA
50	SATHANA S	INTEGRA	1.7 LPA
51	SATHIYARAJ S	TCS	3.6 LPA
52	SHANTHINI S	THIRSTY CROWZ	1.2 LPA
53	SHANULEKHA G	INTEGRA	1.7 LPA
54	SHIFA FARHEEN S	TCS	3.6 LPA
55	SOWMIYA G	INTEGRA	1.7 LPA
56	SOWMIYA G	THIRSTY CROWZ	1.2 LPA
57	SRIRAM E	TCS	3.6 LPA
58	SUDARSON K	INTEGRA	2.15 LPA
59	SUDARSON K	THIRSTY CROWZ	1.2 LPA
60	SULAIHA A	HEXAWARE	4.0 LPA
61	VINITHBALA J	INTEGRA	1.7 LPA
62	YASHITHA BEGAM Y	HATTUSSA	1.4 LPA
63	YUVARAJ P	INTEGRA	2.15 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
1	Dhamodharan.V	J.V.BABY PROP STUDIOS&SPACE RENTALS	Studio	cuddalore

## 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
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
1	Dr. A. Ramalingam	ISTE, IAENG
2	Dr.T.Amalraj victoire	ISTE, IAENG
3	Mr. R. Ramakrishnan	ISTE, IAENG
4	Mrs.M.Vasuki	ISTE, IAENG
5	Dr.A. Karunamurthy	ISTE, IAENG
6	Mr.P.Rajapandian	ISTE, IAENG
7	Mr.V.Udhayakumar	ISTE, IAENG
8	Mr.P.Logayian	ISTE, IAENG

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

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
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
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.	Mr.P.Logayian	National Level Technical Conference in advancement in Technologies	Ocean Academy	1 day 02/03/2025
2.	Mrs.M.Vasuki	National Level Technical Conference in advancement in Technologies	Ocean Academy	1 day 02/03/2025
3.	Mr.R.Ramakrishnan	National Level Technical Conference in advancement in Technologies	Ocean Academy	1 day 02/03/2025
4.	Dr.Amalraj Victoire	National Level Technical Conference in advancement in Technologies	Ocean Academy	1 day 02/03/2025



**9.6 Best Practices followed by the Department.**

S.No	Best Practice	Description
1	Hands-on Training in Java Fullstack	Hands-on Training in Java Fullstack is a comprehensive, industry-focused program designed to equip learners with practical expertise in both front-end and back-end development using Java technologies.
2	Seminar on “Startup Mentorship with Java Fullstack experts”	This seminar is designed to bridge the gap between innovative startup ideas and strong technical execution. Focusing on the role of Java Fullstack development.
3	Hands-on Workshop on Communication Skills	Effective communication is one of the most essential skills for personal growth, academic success, and professional excellence. This seminar-cum-workshop is designed to provide participants with both conceptual understanding and practical exposure to various aspects of communication.
4	Whiz MCA Club	The club conducts various skill-building activities that enhance both technical and professional growth of students. Debugging sessions strengthen logical thinking and coding skills, while paper presentations encourage research, innovation, and effective communication. Aptitude training helps sharpen quantitative and analytical abilities essential for exams and placements.

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

S.No	Name of the Alumni	Contact Details
1	ARCHANA K	6382572538
2	ANGARIKA P	9751447715
3	ASHOK M	8754674139

**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	Curriculum is well-structured and periodically updated. Introduce AI-applications in relevant courses.
Teaching, Learning and Evaluation	
Structured Feedback	
Research, Innovation and Publications	
Collaborations and Linkages	Focus on new MOU
Student Progression	Focus on Highest Package Placement and higher studies, Entrepreneurship.
Activity Conducted / Organized by the Department	
Achievements	
General Remarks	

**Signature of the Internal Academic Audit Experts**

*M. Ganesan*

Dr. M. Ganesan  
Associate Professor,  
Department of Computer science and Engineering,  
SMVEC

*L. Martin*

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





SRI MANAKULA VINAYAGAR  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



INTERNAL QUALITY ASSURANCE CELL

# ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF MANAGEMENT STUDIES



**ACADEMIC AND ADMINISTRATIVE AUDIT PRO FORMA FOR ACADEMIC  
DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION  
(Academic Year 2024–2025)  
Internal Audit**

**SECTION –1: BASIC INFORMATION**

Audit Date	08/03/2025			
Name of the Department	Master of Business Administration			
Year of Establishment	2005			
Head of the Department	Dr.D. Saravanan			
Programs Offered	Name of the Program	Approved Intake		
	P. G Program – MBA (1 <sup>st</sup> Year)	300		
	P. G Program – MBA (2 <sup>nd</sup> Year)	180		
	Ph.D.	4		
Programs Discontinued if any	NO			
Number of full time Teachers	Designation	Available	Sanctioned	Filled
	Professor	03	03	
	Associate Professor	02	02	
	Assistant Professor	28	28	
Number of Technical Staff	01			
Number of Students	For UG -----			For PG -MBA
	Year	M	F	Total
	First Year			
	Second Year			
	Third Year			
	Fourth Year			
	Total			
	Year	M	F	Total
	First Year	116	156	272
	Second Year	77	103	180
	Total	193	259	452
Faculty Student Ratio	For UG: -		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 2023	30.09.2024



### Summary of changes in Curriculum/syllabus

Highlights of the previous curriculum/syllabus	Highlights of the Current curriculum/syllabus
<ul style="list-style-type: none"> <li>➤ Courses and syllabus of R-2023 for III semester MBA students approved.</li> <li>➤ Business Policy and Strategic Management” renamed to “Strategic Management.</li> <li>➤ Suggestions to replace certain electives were made, but most retained due to feasibility and academic depth.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Continuation of approved R-2023 syllabus for III semester MBA students.</li> <li>➤ Strategic Management retained as finalized name.</li> <li>➤ Electives reviewed again; all retained as per earlier decision with no new changes.</li> </ul>

### 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
<b>Applied Elective</b>				
1	II/III	Finance Analytics	P23MST303	96
2	II/III	HR Analytics	P23MST304	60
3	II/III	Marketing Analytics	P23MST305	24
<b>Functional Elective</b>				
1	II/III	Financial Services Management	P23MSEF02	127
2	II/III	Indian Financial System	P23MSEF03	102
3	II/III	Training And Development	P23MSEH02	142
4	II/III	Industrial Relations and Labour Legislation	P23MSEH03	78
5	II/III	Integrated Marketing Communications	P23MSEM05	70
6	II/III	Data Mining and analytics	P23MSES04	21

### 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	180
2	I/I	Business Communication Lab	P23ENP108	272
3	I/I	Data Analytics Lab	P23MSP109	272

### 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	272
2	II/III	Microsoft Power Platform Fundamentals	P23MSC313	179





## 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 (A)	Dr.D.Saravanan	45	45	50
2	Organizational Behavior/P23MST101 (B)	Dr.S.Pougajendy	45	45	46
3	Organizational Behavior/P23MST101(C)	Mr.A.Mathiazhagan	45	45	51
4	Organizational Behavior/P23MST101 (D)	Mr.R.Anbarasan	45	45	45
5	Organizational Behavior/P23MST101 (E)	Mr.A.Abiramidhazene	45	45	49
6	Accounting for Management-P23MST102 (A)	Ms.S.Visalakshi	60	60	65
7	Accounting for Management-P23MST102 (B)	Mrs.M.Angelamary	60	60	61
8	Accounting for Management-P23MST102 (C)	Ms.R.Sureka	60	60	62
9	Accounting for Management-P23MST102 (D)	Mrs.R.Keerthana(24176)	60	60	64
10	Accounting for Management-P23MST102 (E)	Ms.R.Keerthana(24175)	60	60	60
11	Economics for Business Decisions/P23MST103 (A)	Dr.B.Elamurugan	60	60	60
12	Economics for Business Decisions/P23MST103( B)	Ms.H.Divya	60	60	63
13	Economics for Business Decisions/P23MST103 (C)	Ms.H.Divya	60	60	65
13	Economics for Business Decisions/P23MST103(D)	Mrs.R.Kumuthavalli Revathy	60	60	60
14	Economics for Business Decisions/P23MST103 (E)	Mrs.S.Nithia	60	60	60
15	Business Law/P23MST104 (A)	Mrs.G.Ramya	45	45	49
16	Business Law/P23MST104( B)	Mr.G.Ramaraj	45	45	49
17	Business Law/P23MST104 (C)	Dr.L.Kavitha	45	45	45
18	Business Law/P23MST104 (D)	Ms.R.Keerthana(24175)	45	45	45
19	Business Law/P23MST104 (E)	Dr.L.Kavitha	45	45	46
20	Business Statistics/P23MST105 (A)	Mr.T.Chandramohan	60	60	60



21	Business Statistics/P23MST105 ( B )	Dr.A.Vinoth	60	60	60
22	Business Statistics/P23MST105 ( C )	Ms.M.Divya	60	60	60
23	Business Statistics/P23MST105 ( D )	Ms.C.Sasikala	60	60	64
24	Business Statistics/P23MST105 ( E )	Mr.R Muralikrishnan	60	60	65
25	Information Systems for Managers/P23MST106 ( A )	Dr. N.S.N.Cailassame	45	45	52
26	Information Systems for Managers/P23MST106 ( B )	Dr.R.Sivakumar	45	45	45
27	Information Systems for Managers/P23MST106 ( C )	Mrs.S.Deepa	45	45	54
28	Information Systems for Managers/P23MST106 ( D )	Ms.R.Shanmuga Sundari	45	45	51
29	Information Systems for Managers/P23MST106 ( E )	Mrs.R.Keerthana(24176 )	45	45	46
30	Business Ethics and Social Responsibility//P23MST107 ( A )	Mr.A.Shunmugaraja	45	45	45
31	Business Ethics and Social Responsibility//P23MST107 ( B )	Mr.P.Charles Joseph Nirmal	45	45	51
32	Business Ethics and Social Responsibility//P23MST107 ( C )	Mr.P.Charles Joseph Nirma	45	45	45
33	Business Ethics and Social Responsibility//P23MST107 ( D )	Ms.M.MALINI	45	45	46
34	Business Ethics and Social Responsibility//P23MST107 ( E )	Mr.R Muralikrishnan	45	45	45
35	Business Communication Lab/P23ENP108 ( A )	Dr.D.Jaichitra	30	30	32
36	Business Communication Lab/P23ENP108 ( B )	Dr.D.Jaichitra	30	30	31
37	Business Communication Lab/P23ENP108 ( C )	Dr.D.Jaichitra	30	30	30
38	Business Communication Lab/P23ENP108 ( D )	Dr.D.Jaichitra	30	30	31
39	Business Communication Lab/P23ENP108 ( E )	Dr.D.Jaichitra	30	30	32
40	Data Analytics Lab/P23MSP109 ( A )	Mrs.R.Kumuthavalli Revathy	30	30	32
41	Data Analytics Lab/P23MSP109 ( B )	Ms.M.Divya	30	30	32
42	Data Analytics Lab/P23MSP109 ( C )	Ms.S.Dharneeswari	30	30	31
43	Data Analytics Lab/P23MSP109 ( D )	Mr.R.Ramesh	30	30	32
44	Data Analytics Lab/P23MSP109 ( E )	Ms.M.Malini	30	30	31
45	Social Immersion Project/ P23MSW110 ( A )	Dr.D. Saravanan	-	-	-
46	Social Immersion Project/ P23MSW110 ( B )	Dr. N.S.N.Cailassame	-	-	-
47	Social Immersion Project/ P23MSW110 ( C )	Mrs.M.Janaki Rama	-	-	-
48	Social Immersion Project/ P23MSW110(D )	Ms.S.Nthia	-	-	-
49	Social Immersion Project/ P23MSW110 ( E )	Ms.C.Sasikala	-	-	-
<b>SEMESTER-III</b>					
50	Strategic Management-/P20MST301 (A)	Dr.R.Sivakumar	45	45	45
51	Strategic Management-/P20MST301 (B)	Mrs.M.Janaki Rama	45	45	45
52	Strategic Management-/P20MST301(C )	Dr.A.Vinoth	45	45	46
53	Entrepreneurship/P20MST302 (A)	Mr.A.Abiramidhazene	45	45	57
54	Entrepreneurship/P20MST302 (B)	Mr.R.Anbarasan	45	45	47
55	Entrepreneurship/P20MST302(C )	Mr.R.Vargheese Hedonic	45	45	48
56	Finance Analytics /P20MST302	Ms.S.Vinodhini	45	45	40





57	Finance Analytics /P20MST303	Dr.R.Sureka	45	45	45
58	HR Analytics /P20MST304	Dr.B.Elamurugan	45	45	46
59	Marketing Analytics /P20MST305	Dr.S.Pougajendy	45	45	52
60	Financial Services and Management/P20MSEF02	Ms.S.Dharneeswari	45	45	47
61	Financial Services and Management/P20MSEF02	Mr.R.Ramesh	45	45	45
62	Integrated Marketing Communications/ P20MSEM05	Mr.T.Chandramohan	45	45	45
63	Industrial Relations and Labour Legislation/P20MSEH03	Mrs.G.Ramya	45	45	48
64	Indian Financial System/P20MSEF03	Mrs. M. Angelamary	45	45	55
65	Indian Financial System/ P20MSEF03	Mr.G.Ramaraj	45	45	57
66	Training and Development/P20MSEH02	Mr.A.Mathiazhagan	45	45	49
67	Training and Development/P20MSEH02	Mrs.S.Deepa	45	45	55
68	Data Mining and Analytics	Mr.Logaiyan	45	45	48
69	Career Readiness (A)	Dr.A. Vinoth	30	30	31
70	Career Readiness (B)	Mr.A. Mathiazhagan	30	30	30
71	Career Readiness ( C )	Dr.A.Vinoth	30	30	30

### 3.2 List of Expert Lectures / Workshops Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
<b>Expert Lectures</b>				
1	Innovative Managerial Practices	Group Captain. Dr.R.Venkatraman. General Manager MMA	12/06/2024	174
2	Alumni interaction for student's career development	Group of Senior Associates from City Union Bank.	01/07/2024	179
3	First Year Induction Day	Shri. Sankaranarayanan Viswanatha, Vice President and Head of Business Innovation, Corporate Technology, TCS, Chennai.	06/09/2024	263
4	Management and Industry Connect	Ms.S.Gayathri , CEO,Laurier Consultancy Services , Chennai	03/06/2024	178
5	Digital Supply Chain Management	Mr.Mohanraj.V, Global Partner, Link works.AI- Chennai.	18/11/2024	448





### 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)
<b>ODD Semester I Year / I SEM (2024-2026)</b>					
1	Accounting for Management-P23MST102	Ms.S.Visalakshi, Mrs.R.Keerthana(24176), Ms.R.Keerthana(24175), Mrs.M.Angelamary, Ms.R.Sureka	Yes	5	Yes
2	Business Statistics/P23MST105	Mr.T.Chandramohan, Dr.A.Vinoth, Ms.H.Divya, Ms.C.Sasikala, Mr.R Muralikrishnan	Yes	5	Yes
<b>II YEAR / III SEM / BATCH (2023-2025)</b>					
1	Finance Analytics /P20MST303	Dr.R.Sureka	Yes	5	Yes
2	Data Mining and Analytics	Mr.Logaiyan	Yes	5	Yes

### 3.4 Counseling and Mentoring

No. of Students in Department		Number of Mentors in the Department		Mentor: Mentee Ratio	
452		33		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			

### 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	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	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 (24-26)

Sr. No	Particular	PG
1	Number of Students appeared	271
2	Number of All Clear Students	244
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	90.03

#### Semester: III / BATCH (23-25)

Sr. No	Particular	PG
1	Number of Students appeared	178
2	Number of All Clear Students	177
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	99.43%

### 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	271	-
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	50	-
3	Student Exit Survey conducted and analyzed	Yes	179	-
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	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors
1	2021-2022	1	-	-	-	-
2	2022-2023	5	1	-	-	-
3	2023-2024	18	1	-	-	-
4	2024-2025	55	5	-	-	-

#### Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	NIL
Number of Publication in International Journals	Scopus: 05 Other Indexing: 50
Number of Publication in National Conferences	1
Number of Publication in International Conferences	NIL
Number of Books / Book Chapters	03
Number of Patent (Published)	02
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	How Consumer Reviews Influence The Perceived Trustworthiness Of Purchasing An Online Product	A. Dalsy Sheebha Jenilah, Dr. Satchinantham, Dr.R.Sivakumar	Journal Of Xidian University	Volume 18, Issue 2, 2024, Issn No. 1001-2400	Scopus
2	The Role Of Trustworthiness And Credibility In Customer Reviews On The Purchase Behavior Of Electronic Goods	A. Dalsy Sheebha Jenilah, Dr. Satchinantham, Dr.R.Sivakumar	Redvet - Revista Electrónica Veterinaria	Volume 24 Issue 1, De 2024, Issn 1695-7504	Scopus
3	Ni Factor Influencing The Customer Reviews On Purchase Intention Of Consumer Electronic Goods	A. Dalsy Sheebha Jenilah, Dr. Satchinantham, Dr.R.Sivakumar	Iosr Journal Of Business And Management	Volume 26, Issue 12, 2024 E-Issn: 2278-487x	Scopus
4	Work From Home And Work Life Balance Among Employees Of Health Care Sector In Bangalore City	G.Ramya, Dr.C.Kathiravan	Nanotechnology Perceptions	Volume 20, Issue 7, Issn: 1600 - 6795	Scopus
5	Organizational Climate	G.Ramva.	South Eastern	Volume Xxv. S2. Issn:	Scopus





	And Work Values Among Employees Of Health Care Sector In Chennai City	Dr.C.Kathiravan	European Journal Of Public Health	2197-5248	
6	A Study On Cash Management With Reference To Hindustan Unilever Private Limited	M. Haritha & Dr. D. Saravanan	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 11, Issue 4/ (E-Issn 2348-1269)	Other Indexing
7	Training And Development Practices At Integra Software Services Ltd	N. Jayasri & Dr. D. Saravanan	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 11, Issue 4/ (E-Issn 2348-1269)	Other Indexing
8	A Study On Financial Performance Analysis At Supreme Industries Limited Thirubhuvanai	S. Yuvapriya & Dr. D. Saravanan	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 11, Issue 4/ (E-Issn 2348-1269)	Other Indexing
9	A Study On The Impact Of Cost Control On Profitability With Reference To Vimpro Tech,Puducherry	M. Farhana & Dr. D. Saravanan	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 11, Issue 4/ (E-Issn 2348-1269)	Other Indexing
10	Worklife Balance: A Study On Employee Work Life Balance At Shimi Designs And Consulting Engineers Pvt Ltd	P. Ratchanya Sherly & Dr. D. Saravanan	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 11, Issue 4/ (E-Issn 2348-1269)	Other Indexing
11	A Comparative Study On Performance Of Mutual Fund Schemes Of Icici, Kotak Mahindra, Aditya Birla Sun Life, Nippon India, Sbi Mutual Fund (Special Reference To Wfi Financial Services)	T. Vishnuprasath & Dr. D. Saravanan	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 11, Issue 4/(E-Issn 2348-1269)	Other Indexing
12	A Study On Evaluation Of Performance In Nippon India Mutual Fund Ltd.	V. Joel Benjamin & Dr. D. Saravanan	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 11, Issue 4/(E-Issn 2348-1269)	Other Indexing
13	An Analysis Of The Impact Of Working Capital Management On Profitability In The Selected Fmcg Companies Of India	S. Aruna & Dr. D. Saravanan	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 11, Issue 4/(E-Issn 2348-1269)	Other Indexing
14	From Data To Insights: Using Ai Tool To Improve Employee Involvement And Employee Tenure-Rane Madras	V. Tamizhselvan & Dr. S. Pougajendy	International Journal For Multidisciplinary Research (Ijfmr)	Volume 6, Issue 6, November - December 2024 / E-Issn: 2582-2161	Other Indexing
15	A Study On Credit Risk Management In State Bank Of India	Rupika A & Dr. R. Sureka Ravi	International Journal For Multidisciplinary Research (Ijfmr)	Volume 6, Issue 6, November - December 2024 / E-Issn: 2582-2160	Other Indexing
16	A Study On Inventory Management Of Servo Packaging Limited	S.Snegasri & T.Chandramohan	International Journal For Multidisciplinary Research (Ijfmr)	Volume 6, Issue 6, November - December 2024 / E-Issn: 2582-2160	Other Indexing
17	A Study On The Effect Of	Indhumathi.N, &	International Journal	Volume 7, Issue 1,	Other Indexing



	Liquidity Management On Profitability At Central Co-Operative Bank In Villupuram District	T.Chandramohan	For Multidisciplinary Research (Ijfmr)	January - February 2025 / E-Issn: 2582-2160	
18	A Study On Working Capital Management On Aavin's Profitability	S.Yuvasri, & T.Chandramohan	International Journal For Multidisciplinary Research (Ijfmr)	Volume 7, Issue 1, January - February 2025 / E-Issn: 2582-2160	Other Indexing
19	A Study On The Effectiveness Of Training Methods On Employee Performance At Amcor Flexibles India Pvt. Ltd.	S. Sathiya Sri & Dr. A. Mathiazhagan	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 11, Issue 4/(E-Issn 2348-1269) Peer Reviewed	Other Indexing
20	A Study On Working Capital Management In "The Pondicherry Cooperative Milk Producer Union Limited"	Kaviya.R & G.Ramya	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 12, Issue 1 Jan 2025/ E-Issn 2348-1269, P- Issn 2349-5138	Other Indexing
21	A Study On Financial Leverage And Its Effect On Profitability Of Rane (Madras) Limited	Jayaprakash & G.Ramya	International Journal For Multidisciplinary Research (Ijfmr)	Volume 7, Issue 1/ Jan 2025/E-Issn: 2582-2160	Other Indexing
22	Enhancing The Workplace Productivity: The Nexus Of Organizational Culture And Policies In Hindustan Unilever Ltd	P.Sridhar & Dr.S Pougajendy	International Journal For Multidisciplinary Research (Ijfmr)	Volume 6, Issue 6, November - December 2024 / E-Issn: 2582-2160	Other Indexing
23	A Study On Brand Loyalty: Influence Of Marketing Strategies Of Jeppier Steels: Chennai	J.Affrin Begam & Dr.S.Pougajendy	International Journal For Multidisciplinary Research (Ijfmr)	Volume 6, Issue 6, November - December 2024 / E-Issn: 2582-2160	Other Indexing
24	Integrated Marketing Communication: A Strategy For Business Survival With Reference To Hindustan Unilever Limited In Puducherry	S.Roshini & Dr.S.Pougajendy	International Journal For Multidisciplinary Research (Ijfmr)	Volume 6, Issue 6, November - December 2024 / E-Issn: 2582-2160	Other Indexing
25	Resilience And Emotional Intelligence: A Dynamic For Hr Professionals In Work Place With Reference To Supreme Industries Ltd	S.Janani & Dr.S. Pougajendy	International Journal For Multidisciplinary Research (Ijfmr)	Volume 6, Issue 6, November - December 2024 / E-Issn: 2582-2160	Other Indexing
26	A Study On Impact Of Automation And Workforce Dynamics In Ponlait Cooperative Society	J. Vishnu Priyan & Dr.S. Pougajendy	International Journal For Multidisciplinary Research (Ijfmr)	Volume 6, Issue 6, November - December 2024 / E-Issn: 2582-2160	Other Indexing
27	Efficacies Of Hr Innovations: A Study On Innovative Hrm Approach To Achieve Organisational Success	J. Madhumitha & Dr.S. Pougajendy	International Journal For Multidisciplinary Research (Ijfmr)	Volume 6, Issue 6, November - December 2024 / E-Issn: 2582-2160	Other Indexing
28	The Marketing Practices: Satisfaction Leads To Loyalty – Brand Propensity Of Iob Puducherry	V. Arunumar & Dr.S. Pougajendy	International Journal For Multidisciplinary Research (Ijfmr)	Volume 6, Issue 6, November - December 2024 / E-Issn: 2582-2160	Other Indexing
29	Hrm Practices: The paradox Of Consistency And Flexibility With Reference To Supreme Industries	Subathra R & Dr.S. Pougajendy	International Journal For Multidisciplinary Research (Ijfmr)	Volume 6, Issue 6, November - December 2024 / E-Issn: 2582-2160	Other Indexing





30	Enhancement Of Hrm Practice Through Ai: Tcs Chroma	Jayasuriya.U & Dr.S. Pougajendy	International Journal For Multidisciplinary Research (Ijfmr)	Volume 6, Issue 6, November - December 2024 / E-Issn: 2582-2160	Other Indexing
31	The Marketing Practices: The Efficacy Of Sales Promotion In The Marketing Of Two Wheelers- A.P.P Motors	Murasolimaran. A& Dr.S. Pougajendy	International Journal For Multidisciplinary Research (Ijfmr)	Volume 6, Issue 6, November - December 2024 / E-Issn: 2582-2160	Other Indexing
32	A Study On The Application Of The Artificial Intelligence Marketing For Creating Data – Driven Marketing Strategies At Cherri Technologies, Pondicherry	S. Ayesha & Dr.S. Pougajendy	International Journal For Multidisciplinary Research (Ijfmr)	Volume 6, Issue 6, November - December 2024 / E-Issn: 2582-2160	Other Indexing
33	A Study On Marketing To Gen Z: Understanding The Preference And Behaviours	S. Kirubasri & Dr.S. Pougajendy	International Journal For Multidisciplinary Research (Ijfmr)	Volume 6, Issue 6, November - December 2024 / E-Issn: 2582-2160	Other Indexing
34	A Study On Working Capital Of Servo Packaging Limited	V.Bhuvana & Dr.R.Sureka	International Journal For Multidisciplinary Research (Ijfmr)	6,6,1-5/Nov 2024/E-2582-2160	Other Indexing
35	A Study On Impact Of Cost Control Strategies On Profitability At Welcord Components Private Limited	Monalisa & Dr.R.Sureka	International Journal For Multidisciplinary Research (Ijfmr)	6,6,1-5/Nov 2024/E-2582-2160	Other Indexing
36	A Study On Receivable Management T Tweezernman India Pvt Ltd	R.Meeana & S.Visalakshi	International Journal For Multidisciplinary Research (Ijfmr)	11,4,548-554/Dec 2024/E-2348-1269	Other Indexing
37	A Study On The Influence Of People Development Strategies On Employee Performance Based On World – Class Manufacturing At Whirlpool Corporation	K.Roshini & S.Deepa	International Journal For Multidisciplinary Research (Ijfmr)	12,1,68-73/Jan 2025/E-2348-1269	Other Indexing
38	A Study On Employees' Welfare And Safety Measures In Nithya Packaging Private Limited	S.Kavipriya & Dr.A.Mathiazhagan	International Journal For Multidisciplinary Research (Ijfmr)	7,1,1-4/Feb -2025/E-2582-2160	Other Indexing
39	A Study On Role Of Sbi In Promoting Financial Inclusion Through Government Sponsored Schemes	C.Priyanka, & Mr.T.Chandramohan	International Journal For Multi-Disciplinary Research	Volume 7, Issue 1, January-February 2025, 1-7, E-Issn: 2582-2160	Other Indexing
40	A Study On Customer Preference Towards Puzzle Lamps With Smart Home Integration – Le Decors	Mohamed Imran, & Mr.T.Chandramohan	International Journal For Multi-Disciplinary Research	Volume 7, Issue 1, January-February 2025, 1-6, E-Issn: 2582-2160	Other Indexing
41	A Study On Cost - Volume - Profit Analysis At Pondicherry Co-Operative Milk Producers' Union Ltd (Pondicherry)	V.Moovarasana, & Mr.T.Chandramohan	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 12, Issue 1, 760-769, E-Issn 2348-1269, P- Issn 2349-5138.	Other Indexing
42	A Study On Market Analysis And Consumer Behavior In Del Monte	Paul David.R, & Mr.T.Chandramohan	International Journal For Multi-Disciplinary Research	Volume 7, Issue 1, January-February 2025, 1-6, E-Issn:	Other Indexing





				2582-2160	
43	A Study On Performance Appraisal System On Employee Satisfaction In Nlci	Dheiva Priya, & Mrs.G.Ramya	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 12, Issue 1, January-2025, 687-689, E-Issn: 2349-5138	Other Indexing
44	A Study On Redesigning Rewards For Improved Perception, Fairness, And Loyalty At Tamil Nadu-Based Milk Cooperative	S. Suretha, & Mrs S. Deepa	International Journal For Multidisciplinary Research (Ijfmr)	7,1,1-4,2025, E-Issn: 2582-2160	Other Indexing
45	A Study Of Factors Influencing Financial Independence Of Working Women	B. Monica Mercy, & Mrs. S. Deepa	International Journal For Multidisciplinary Research (Ijfmr)	7,1,1-4,2025, E-Issn: 2582-2160	Other Indexing
46	A Study On Cash Management In Relation To Rane Brakes Lining Limited	B. Gokulakrishnan & Mrs.G.Ramya	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 12, Issue 1, January 2025, E-Issn: 2348-1269	Other Indexing
47	A Study On Leadership Development And Succession Planning At Hindustan Unilever Limited Pondicherry	A.Janani, & Mrs.G.Ramya	International Journal For Multidisciplinary Research	Volume 7, Issue 1, January-February 2025, E-Issn: 2582-2160	Other Indexing
48	A Study On Financial Leverage And Its Effect On Profitability Of Rane (Madras) Limited	Jayaprakash, & Mrs.G.Ramya	International Journal For Multidisciplinary Research (Ijfmr)	Volume 7, Issue 1, January-February 2025, E-Issn: 2582-2160	Other Indexing
49	A Study On Promoting The Culture Of Sustainability Through Employee Engagement Programs At Eaton Power Quality Pvt. Ltd. Puducherry	J. Daintys Jutson Paul, & Mrs.G.Ramya	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 12, Issue 1, January 2025, E-Issn 2348-1269	Other Indexing
50	A Study On Working Capital Management In "The Pondicherry Cooperative Milk Producer Union Limited"	R. Kaviya, & Mrs.G.Ramya	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 12, Issue 1, January 2025, E-Issn: 2348-1269	Other Indexing
51	A Study On Talent Management Practices And Organisational Performance At Hindustan Unilever Puducherry	S.Logeshwari, & Dr.A.Vinoth	International Journal For Multidisciplinary Research (Ijfmr)	Volume 7, Issue 1, January-February 2025, E-Issn: 2582-2160	Other Indexing
52	A Study On Investors Awareness And Preference In Life Insurance Schemes With Special Reference To Finsship Financial Services	Sona K, & Mrs. G. Ramya	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 12, Issue 1, January 2025, E-Issn: 2348-1269	Other Indexing
53	A Study On Effectiveness Of Training Programme For Employees In Rane Madras Limited At Puducherry	Maran, & Mrs.G.Ramya	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 12, Issue 1, January 2025, E-Issn: 2348-1269	Other Indexing
54	A Study On Financial Statement Analysis Of Samvardhana Motherson Innovative Solution Limited	Subasree S & Ms. S. Visalakshi	International Journal Of Research And Analytical Reviews (Ijrar)	Volume 12, Issue 1, January 2025, E-Issn: 2348-1269	Other Indexing
55	A Study On Purchase Intension Towards Hul Bath Soap In Puducherry	Manju, & Dr.A.Vinoth	International Journal Of Research And Analytical Reviews	Volume 12, Issue 1, January 2025, E-Issn: 2348-1269	Other Indexing



		(Ijrar)		
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#### 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	Contingent workforce, Gig economy with reference to international bakery product industries at Puducherry	Dr.D. Saravanan & Dr.R. Sureka	National conference on recent advancements and innovations in management studies	11.07.24 & 1day National conference on recent advancements and innovations in management studies		

#### 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	Transportation Challenges in Islands Tourism	Ranjitha P. K. P.Selvakumar Nilesh Anute, T.C. Manjunath, G. Sureshkrishna and <b>S. Pougajendy</b>	March 2025 979-8-3693-9107-5	IGI Global Scientific Publishing
2	Musealization and Tourism Practices	Ansuman Samal, Lalat Indu Misra, Mohit, <b>S. Pougajendy</b> , Pankaj Singh Chandel, T. C. Manjunath P. Selvakumar	March 2025 .979-8-3693-9097-9	IGI Global Scientific Publishing
3	Green Human Resource Management for Resource Sustainability	S. Shalini <b>R. Sivakumar</b>	April 2025 979-8-3693-9375-8	IGI Global Scientific Publishing





**Patent**

S.No	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No
1	20244107709 5 & 10/10/2024	Published & 25/10/2024	Role of Supply Chain Management in Emerging Indian Markets	BakkiaLakshmi Dr. Madhu Arora Ms. Kavitha K Ms. Arthi K Dr. Shyam Kumar Katta Kumaresh V Dr. Jagdeep Singh <b>Dr.S. Pougajendy</b> Dr.K.Manikandarajan Dr. Charu Bisaria	
2	20242108343 0 & 30/10/2024	Published & 29/11/2024	Unveiling the Dynamic Interplay of Social Media's Influence on Social Entrepreneurship	Dr.S.Premalatha S.Mahalakshmi Prof. Aishwarya Benjamin Dr. Jyotsna Dwivedi Riya Gupta M. Rajeshwari Ms. Victoria Henry <b>Dr.S. Pougajendy</b> Dr. Jagdeep Singh Sowmiya R	

**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
1	Akshaya R	The Puducherry Co-Op Urban Bank Ltd.	One Month	21/08/2024	19/09/2024
2	Deepika T	The Puducherry Co-Op Urban Bank Ltd	One Month	21/08/2024	19/09/2024
3	Valli P	The Puducherry Co-Op Urban Bank Ltd	One Month	26/08/2024	24/09/2024
4	Ranjani J	The Puducherry Co-Op Urban Bank Ltd	One Month	26/08/2024	24/09/2024
5	Snegasri S	The Puducherry Co-Op Urban Bank Ltd	One Month	26/08/2024	24/09/2024
6	Bhuvana V	The Puducherry Co-Op Urban Bank Ltd	One Month	26/08/2024	24/09/2024
7	Vishnuprasath T	The Puducherry Co-Op Urban Bank Ltd	One Month	22/08/2024	20/09/2024
8	Joel Benjamin V	The Puducherry Co-Op Urban Bank Ltd	One Month	22/08/2024	20/09/2024
9	Praveen Kumar. R	Lumina datamatics	One month	30/8/2024	30/9/2024



10	Ponniappan.	Solara active pharma sciences LTD	One month	10/9/2024	14/10/2024
11	Monica V	Sundaram Mutual Funds	One Month	30/08/2024	23/09/2024
12	Hariharan R	Majestic motors	One Month	03/09/2024	03/10/2024
13	Sathiya sri S	Amcor Flexible Indian Pvt. Ltd.	One Month	26/08/2024	26/09/2024
14	Ayesha S	Cherri Technologies	One Month	02/09/2024	30/09/2024
15	Deepapriya K	Indian Overseas Bank	One Month	23/08/2024	20/09/2024
16	Sandhya V	Hindustan Unilever Ltd.	One Month	31/08/2024	30/09/2024
17	Abdun Nazeer S	KTM	One Month	30/08/2024	30/09/2024
18	Kiruthick J.J	Rohit India	One Month	09/09/2024	09/10/2024
19	Pradeepa S	Manatec Electronics Pvt. Ltd.	One Month	28/08/2024	27/09/2024
20	Madhan Kumar B	Appasamy Ocular Devices Pvt. Ltd.	15 Days	02/09/2024	17/09/2024
21	Jayasri N	Integra Software Services Pvt.Ltd.	One Month	27/08/2024	27/09/2024
22	Keerthana K	Tristar Formulations Pvt. Ltd.	One Month	26/08/2024	26/09/2024
23	Manju S	Hindustan Unilever Ltd.	One Month	23/08/2024	22/09/2024
24	Aruna M	Indian Overseas bank	One Month	22/08/2024	22/09/2024
25	Subash M	State Bank of India	One Month	25/07/2024	21/08/2024
26	Nanthini D	Integra Software Services Pvt.Ltd.	One Month	22/08/2024	22/09/2024
27	Kirubasri S	Parrys India Ltd.	One Month	26/08/2024	30/09/2024
28	Swathi S	Parrys India Ltd.	One Month	26/08/2024	30/09/2024
29	Roshini K	Whirlpool of India Ltd.	One Month	27/08/2024	27/09/2024
30	Mohanapriya S	EATEN Power Quality Pvt. Ltd.	One Month	22/08/2024	22/09/2024
31	Divyadharsini MG	Cherries Technologies	One Month	02/09/2024	30/09/2024
32	Shiva Rama Krishnan	Hindustan Unilever Ltd.	One Month	23/08/2024	22/09/2024
33	Udhaiyanan P	Hindustan Unilever Ltd.	One Month	23/08/2024	22/09/2024
34	Kamaraj K	Cherri Technologies	One Month	02/09/2024	30/09/2024
35	Ratchanya Sherly P	SHIMI Designs and Consulting Engineers Pvt. Ltd.	One Month	22/08/2024	22/09/2024
36	Prathiksha A	SHIMI Designs and Consulting Engineers Pvt. Ltd.	One Month	22/08/2024	22/09/2024
37	Nivetha M	State Bank of India	One Month	22/08/2024	22/09/2024





38	Vishnuvardhini M	State Bank of India	One Month	22/08/2024	22/09/2024
39	Agalya S	State Bank of India	One Month	22/08/2024	22/09/2024
40	Priyanga C	State Bank of India	One Month	21/08/2024	21/09/2024
41	Maran A	Rane Madras Ltd.	One Month	27/08/2024	27/09/2024
42	Vinoth Kumar P	State Bank of India	One Month	23/08/2024	23/09/2024
43	Kamali G	Indian Overseas Bank	One Month	28/08/2024	26/09/2024
44	Haritha M	Hindustan Unilever Ltd.	One Month	23/08/2024	23/09/2024
45	Logesswari S	Hindustan Unilever Ltd.	One Month	23/08/2024	23/09/2024
46	Jagadeshwaran M	Welcord Components Pvt. Ltd.	One Month	20/08/2024	20/09/2024
47	Vijayalakshmi J	Welcord Components Pvt. Ltd.	One Month	20/08/2024	20/09/2024
48	Monalisa S	Welcord Components Pvt. Ltd.	One Month	20/08/2024	20/09/2024
49	Ramkumar A	Welcord Components Pvt. Ltd.	One Month	20/08/2024	20/09/2024
50	Mohamed Imran A	My Light	One Month	29/08/2024	29/09/2024
51	Saravanamoorthy R	Indian Overseas bank	One Month	26/08/2024	26/09/2024
52	Sridhar P	Hindustan Unilever Ltd.	One Month	23/08/2024	22/09/2024
53	Jayaprakash M	Rane Madras Limited	One Month	24/08/2024	24/09/2024

#### 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	48
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	Arul,s	OFFICEOYE Corporate Pvt Ltd	2,40,000
2	Abhishek.M	Intergerated Enterprises	2,50,000
3	Anal P Shibu	Intergerated Enterprises	2,50,000
4	Kamaraj (Intern)	Home First Finance Company	2,50,000
5	Karunagaran V	SVMT Parent Company	2,50,000
6	Kaviya.R	Intergerated Enterprises	2,50,000
7	Kiruthick.JJ	Intergerated Enterprises	2,50,000
8	Lakshmi.G	Intergerated Enterprises	2,50,000
9	Mahalakshmi.A	Intergerated Enterprises	2,50,000
10	Maran.A	Intergerated Enterprises	2,50,000
11	Mohammed Imran (Intern)	Cubic Designz	2,50,000
12	Monica.V	Intergerated Enterprises	2,50,000
13	Murasoli Maran.A	Intergerated Enterprises	2,50,000
14	Nandhini.D	Intergerated Enterprises	2,50,000
15	Nivetha.M	Intergerated Enterprises	2,50,000
16	Prathisha	SVMT Parent Company	2,50,000
17	Preethiga.B	Intergerated Enterprises	2,50,000
18	Ratchanya Sherly	SVMT Parent Company	2,50,000
19	Renuka Singaravelu	Intergerated Enterprises	2,50,000
20	Sandhiya.S	Intergerated Enterprises	2,50,000
21	Sasirekha.V	Intergerated Enterprises	2,50,000
22	Sathya Sri. S	SVMT Parent Company	2,50,000
23	Shanmugaraj.M	Intergerated Enterprises	2,50,000
24	Subash.M	Intergerated Enterprises	2,50,000
25	Tamilarasi.R	Intergerated Enterprises	2,50,000
26	Thirupathysamy.R	Intergerated Enterprises	2,50,000
27	Vacigaran.S (Intern)	Home First Finance Company	2,50,000
28	Vishnu Priyan.J	Intergerated Enterprises	2,50,000
29	Joshua Amal.I	Genius Consultant LTD	2,69,200
30	Shohina Begam .T	Genius Consultant LTD	2,69,200
31	Dinesh Rajan. L	Belstar Microfinance	4,00,000
32	Hemapriya.M	Belstar Microfinance	4,00,000
33	Moovarasan. V	Belstar Microfinance	4,00,000
34	Nisha Ponnusamy	Belstar Microfinance	4,00,000
35	Ramachandran. K	Belstar Microfinance	4,00,000
36	Sanjaian. P	Belstar Microfinance	4,00,000
37	Alagammai.T	Home First Finance Company	4,50,000
38	Swathi.S	Home First Finance Company	4,50,000
39	Yuvapriya.S	Home First Finance Company	4,50,000
40	Arun Kumar.V	Home First Finance Company	6,00,000





41	Jagadeshwaran.M	Home First Finance Company	6,00,000
42	Jayaprakash.M	Home First Finance Company	6,00,000
43	Kamalesh Krishna R	Home First Finance Company	6,00,000
44	RamKumar.A	Home First Finance Company	6,00,000
45	Sedhupathi.S	Home First Finance Company	6,00,000
46	Sunil.R	Home First Finance Company	6,00,000
47	Vinothkumar.P	Home First Finance Company	6,00,000
48	Vishnuprasath T	Home First Finance Company	6,00,000

## 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	Mohamed imran.A , Murasoli maran.A ,Suryaprakash.A and Asarudeen . from II-MBA (23-25)	Best Management Team Event on 09/10/2024	Jamal Mohamed College (Autonomous)-Trichy.	Won the 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
1	Dr.S. Pougajendy	Lifetime panel member of Star International Foundation for Research and Education



### 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
1	Dr.R. Sivakumar	IJMEST -Best Teacher Award
2	Dr.Mathiazhagan.A	Best Professor best service to the society , Puducherry.

### 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. Sivakumar	Research Methodology by social science	SMVEC- School of Arts and Science	7 Days ( 3 <sup>rd</sup> to 10 <sup>th</sup> Dec 2024)
2.	Dr.R. Sivakumar	Inculcating Universal Human Values in Technical Education	AICTE	5/08/2024- 9/08/2024 ( 5 Days
3.	Mr.R. Anbarasan	Master Class Series Under IP Utsav	AICTE	21/4/2025- 26/4/2025 ( 5 Days)
4.	Mr.R. Anbarasan	Five Days National Virtual Faculty Development Programme On Research Methodology-Writing Contents for Thesis	St.Josephs Colleg ( Arts and Science)- Chennai	19/08/2024- 29/08/2024 ( 5 Days)
5.	Mr.R. Anbarasan	Five Days International National Virtual Faculty Development Programme On Exploring New Frontier in Teaching Tools, AI and Data Analytics.	MEASI Institute of Information Technology - Chennai.	29/07/2024- 02/08/2024
6.	Dr.A. Vinoth	Research Methodology by social science	SMVEC- School of Arts and Science	7 Days ( 3 <sup>rd</sup> to 10 <sup>th</sup> Dec 2024)





**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	Prasanth.K	9487060589
2	Sureka.R	8667889084
3	Vimalraj.R	9952578333

**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	--
Teaching, Learning and Evaluation	--
Structured Feedback	--
Research, Innovation and Publications	Strong publications (55 papers, 5 Scopus, 3 book chapters, 2 patents); need focus on funded projects and consultancy.
Collaborations and Linkages	50+ internships facilitated; formal MoUs and industrial visits to be strengthened
Student Progression	--
Activity Conducted / Organized by the Department	Expert lectures/workshops conducted. Need to organize national-level FDPs, technical events, and conferences.
Achievements	Students won 1st prize in Best Management Team event. Faculty received Best Teacher Award & Best Professor recognition.
General Remarks	Department excels in academics, placements, and research; focus on MoUs, higher studies, entrepreneurship, and funding.

**Signature of the Internal Academic Audit Experts**

**Dr. M. Ganesan**  
Associate Professor,  
Department of Computer Science and Engineering,  
SMVEC

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





# ACADEMIC AND ADMINISTRATIVE AUDIT NON-COMPLIANCE - REPORT ACADEMIC YEAR 2024-2025



SMVEC / IQAC/INT/AAA/ 2024-25 /01

10-03-2025

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/2 dated 24-02-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 07<sup>th</sup> March 2025. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – VI: COLLABORATIONS and LINKAGES		
6.4	Functional Memorandum of Understanding (MoU)	MoU to be signed with reputed organization for better placements, internship etc.,
SECTION – IX: ACHIEVEMENTS		
9.3	Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers	Faculty need to participate in various professional bodies and receive awards to their credit. Supporting documents need to be evidenced on the achievements a faculty has obtained.

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 22, 2025.

Thanking You

Yours Truly

Dr.AA Arivalagar  
IQAC Coordinator





SMVEC / IQAC/INT/AAA/ 2024-25 /01

10-03-2025

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 / 01 / Circular/2 dated 24-02-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 07<sup>th</sup> March 2025. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – II: CURRICULAR ASPECTS		
2.8	List of Add-on/Value/MOOC Courses conducted by the department	Priority is given to faculty and student projects with funding and patent potential. Faculty are encouraged to focus on innovation, commercialization, and societal benefits.
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.3	Faculty Design Patent	Design Patent needs to be strengthened
SECTION-VIII: ACTIVITY CONDUCTED/ORGANIZED BY THE DEPARTMENT		
8.2	FDP, Workshop	FDP and Workshop need 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 22, 2025.

Thanking You

Yours Truly

  
Dr. A.A. Arivalagar  
IQAC Coordinator



SMVEC / IQAC/INT/AAA/ 2024-25 /01

10-03-2025

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 / 01 / Circular/2 dated 24-02-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 07<sup>th</sup> 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.
5.3	Faculty Patent	Patent needs to be strengthened
SECTION – IX: ACHIEVEMENTS		
9.3	Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers	Faculty need to participate in various professional bodies and receive awards to their credit. Supporting documents need to be evidenced on the achievements a faculty has obtained.

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 22, 2025.

Thanking You

Yours Truly

Dr.AA. Arivalagar  
IQAC Coordinator





SMVEC / IQAC/INT/AAA/ 2024-25 /01

10-03-2025

**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/2 dated 24-02-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 07<sup>th</sup> 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
5.3	Faculty Publications	There is more scope for publications in reputed journals
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 22, 2025.

Thanking You

Yours Truly

  
Dr. AA Arivalagar  
IQAC Coordinator



SMVEC / IQAC/INT/AAA/ 2024-25 /01

10-03-2025

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/2 dated 24-02-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 07<sup>th</sup> March 2025. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – II: CURRICULAR ASPECTS		
2.2	Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs	Industry supported courses can be included
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 22, 2025.

Thanking You  
Yours Truly

Dr.AA. Arivalagar  
IQAC Coordinator



SMVEC / IQAC/INT/AAA/ 2024-25 /01

10-03-2025

**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 Mam,

**Sub:** Requesting Action taken Report for Non-Conformances in AAA – Reg

**Ref:** SMVEC / IQAC / 01 / Circular/2 dated 24-02-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 7<sup>th</sup> March 2025. The following non-conformances were observed during the audit

Section No.	Particular	Remarks
SECTION – III: TEACHING, LEARNING AND EVALUATION		
3.1	Course Delivery	Demo videos to be conducted
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.3	Faculty Publications	Publications need improvement
SECTION – IX: ACHIEVEMENTS		
9.1	Awards and Prizes Received by Students	Achievements can be disseminated to stakeholders through social media

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 22, 2025.

Thanking You

Yours Truly

Dr. A. Arivalagar  
IQAC Coordinator





SMVEC / IQAC/INT/AAA/ 2024-25 /01

10-03-2025

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/2 dated 24-02-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 07<sup>th</sup> March 2025. 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 – VIII: ACTIVITY CONDUCTED		
8.2	FDP /Workshop / STTP / Conference for Faculty	Training to be imported for Faculty.

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 22, 2025.

Thanking You

Yours Truly

Dr.AA. Arivalagar  
IQAC Coordinator



SMVEC / IQAC/INT/AAA/ 2024-25 /01

10-03-2025

**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/2 dated 24-02-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 7<sup>th</sup> March 2025. The following non-conformances were observed during the audit

Section No.	Particular	Remarks
<b>SECTION – III: TEACHING, LEARNING AND EVALUATION</b>		
3.4	Activities for Slow and Advanced Learners	Records pertaining to slow and advanced learners need to be reviewed
<b>SECTION – IV: STRUCTURED FEEDBACK</b>		
4	Student, Parent and Alumni Feed back	More number of feedback from stakeholders need to be collected.

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 22, 2025.

Thanking You

Yours Truly

Dr.AA. Arivalagar  
IQAC Coordinator



SMVEC / IQAC/INT/AAA/ 2024-25 /01

10-03-2025

**NON-CONFORMANCES IN AAA**

To  
**The Head of the Department**  
Department of Biomedical 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/2 dated 24-02-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 8<sup>th</sup> March 2025. The following non-conformances were observed during the audit

Section No.	Particular	Remarks
<b>SECTION – II: CURRICULAR ASPECTS</b>		
<b>2.1</b>	Curriculum Revision	Introduce AI application, relevant courses
<b>SECTION – VI: COLLABORATIONS AND LINKAGES</b>		
<b>6</b>	Student Placement	Focus on core company placement

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 22, 2025.

Thanking You  
Yours Truly

Dr.AA. Arivalagar  
IQAC Coordinator





SMVEC / IQAC/INT/AAA/ 2024-25 /01

10-03-2025

**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/2 dated 24-02-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 8<sup>th</sup> March 2025. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INOVATION AND PUBLICATIONS		
5.1	Research Grants	Need to focus on research grants and projects
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 22, 2025.

Thanking You

Yours Truly

Dr.AA. Arivalagar  
IQAC Coordinator



SMVEC / IQAC/INT/AAA/ 2024-25 /01

10-03-2025

**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/2 dated 24-02-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 7<sup>th</sup> March 2025. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
<b>SECTION – V: RESEARCH, INOVATION AND PUBLICATION</b>		
5.1	Research Grants	Need to concentrate international journal and pattern 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 22, 2025.

Thanking You

Yours Truly

Dr.AA. Arivalagar  
IQAC Coordinator



SMVEC / IQAC/INT/AAA/ 2024-25 /01

10-03-2025

**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/2 dated 24-02-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 8<sup>th</sup> March 2025. 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 improvements
5.2	Consultancy Works	
5.3	Publications	
SECTION – VI: COLLABORATIONS AND LINKAGES		
6	Collaboration Works	Funding to be improved ether by government or by private sector

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 22, 2025.

Thanking You

Yours Truly

  
Dr.AA. Arivalagar  
IQAC Coordinator





SMVEC / IQAC/INT/AAA/ 2024-25 /01

10-03-2025

**NON-CONFORMANCES IN AAA**

To  
**The Head of the Department**  
Department of Fashion Technology  
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/2 dated 24-02-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 7<sup>th</sup> March 2025. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.3	Collaboration Works	Industrial Visit to be Improved
SECTION – VIII: ACTIVITIES CONDUCTED OR ORGANIZED		
8	Activities conducted	Need to be initiate more departmental activities

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 22, 2025.

Thanking You

Yours Truly

Dr.AA Arivalagar  
IQAC Coordinator



SMVEC / IQAC/INT/AAA/ 2024-25 /01

10-03-2025

**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/2 dated 24-02-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2024-25 in your department on 7<sup>th</sup> March 2025. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
<b>SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS</b>		
5.1	Research Grants and Projects	Need more focus on research grants, publication and patterns.
5.2	Consultancy Works	Needs Improvement for getting sponsored projects.
5.3	Faculty Publications	Requested the faculty to participate on more research activities.

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 22, 2025

Thanking You  
Yours Truly

Dr.AA. Arivalagar  
IQAC Coordinator



SMVEC / IQAC/INT/AAA/ 2024-25 /01

10-03-2025

**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 24-02-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 8<sup>th</sup> March 2025. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
<b>SECTION – VI: COLLABORATIONS AND LINKAGES</b>		
6.2	Sponsored / Industry Projects	Focus on new MoU's
<b>SECTION – VII: STUDENT PROGRESSION</b>		
7	Student progression	Need to concentrate on higher packages

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 22, 2025.

Thanking You

Yours Truly

Dr.AA. Arivalagar  
IQAC Coordinator





SMVEC / IQAC/INT/AAA/ 2024-25 /01

10-03-2025

**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/2 dated 24-02-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the External Expert Members for the Academic Year 2024-25 in your department on 8<sup>th</sup> March 2025. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
<b>SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS</b>		
5.3	Faculty Publications	Need to focus on funded projects
<b>SECTION – VI: COLLABORATIONS AND LINKAGES</b>		
6.4	Functional Memorandum of Understanding (MoU)	Formal MoU's and Industrial visit to be strengthened
<b>SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT</b>		
8.	Activity conducted	Need to organize national level FDPs

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 22, 2025.

Thanking You

Yours Truly

  
Dr. A.A. Arivalagar  
IQAC Coordinator



# ACADEMIC AND ADMINISTRATIVE AUDIT ACTION TAKEN REPORT ACADEMIC YEAR 2024-2025



SMVEC/HEAD-EEE/INT/AAA/ 2024-25

21-03-2025

**Department of Electrical and Electronics Engineering**

**ACTION TAKEN REPORT**

Sir,

**Sub :** Action taken Report submission for Non-Conformances in AAA – Reg

**Ref :** SMVEC/IQAC/INT/AAA/2024-25/01 dated 10-03-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in our department on 07<sup>th</sup> March 2025. It is hereby informed that we have attached action taken report for the non-conformances in AAA as given below.

Section No.	Particular	Remarks Given	Action Taken
<b>SECTION – VI: COLLABORATIONS and LINKAGES</b>			
6.4	Functional Memorandum of Understanding (MoU)	MoU to be signed with reputed organization for better placements, internship etc.,	Reputed industries and organizations have been identified, and initial discussions have been initiated for signing MoUs to support internships, training, and placement activities.
<b>SECTION – IX: ACHIEVEMENTS</b>			
9.3	Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers	Faculty need to participate in various professional bodies and receive awards to their credit. Supporting documents need to be evidenced on the achievements a faculty has obtained.	Faculty members have been encouraged to join professional bodies and apply for awards. Evidence of memberships, recognitions, and achievements is being collected and documented.

Thanking You

Yours Truly

Dr. P. Jamuna  
HoD/EEE





SMVEC/HEAD-ECE/INT/AAA/ 2024-25

21-03-2025

**Department of Electronics and Communication Engineering**

**ACTION TAKEN REPORT**

Sir,

**Sub :** Action taken Report submission for Non-Conformances in AAA – Reg

**Ref :** SMVEC/IQAC/INT/AAA/2024-25/01 dated 10-03-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in our department on 07<sup>th</sup> March 2025. It is hereby informed that we have attached action taken report for the non-conformances in AAA as given below.

Section No.	Particular	Remarks	
SECTION – II: CURRICULAR ASPECTS			
2.8	List of Add-on/Value/MOOC Courses conducted by the department	Priority is given to faculty and student projects with funding and patent potential. Faculty are encouraged to focus on innovation, commercialization, and societal benefits.	Faculty and students have been encouraged to undertake projects with funding, patent, and commercialization potential, emphasizing innovation and societal impact. Support is being provided for proposal submission and IP filing.
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS			
5.3	Faculty Design Patent	Design Patent needs to be strengthened	Awareness has been created on design patents, and faculty and students are guided to identify patentable designs and initiate filing through the institutional IPR cell.
SECTION-VIII: ACTIVITY CONDUCTED/ORGANIZED BY THE DEPARTMENT			
8.2	FDP, Workshop	FDP and Workshop need to be improved	The department has planned to increase the number of FDPs and workshops and encourages faculty participation in emerging areas with institutional support and incentives.

Thanking You

Yours Truly

Dr. P. Raja  
HoD/ECE



SMVEC/HEAD-CSE/INT/AAA/ 2024-25

21-03-2025

**ACTION TAKEN REPORT**

Sir,

**Sub :** Action taken Report submission for Non-Conformances in AAA – Reg

**Ref :** SMVEC/IQAC/INT/AAA/2024-25/01 dated 10-03-2025

\*\*\*\*\*

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in our department on 07<sup>th</sup> March 2025. The following section are Non-conformances and their action plan.

Section No.	Particular	Remarks	
<b>SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS</b>			
5.2	Consultancy Works	Faculty are encouraged to undertake consultancy works to strengthen industry linkages, generate revenue, and apply expertise for societal benefit.	Faculty have been encouraged to undertake consultancy works and collaborate with industries to strengthen industry linkages, generate revenue, and contribute to societal needs.
5.3	Faculty Patent	Patent needs to be strengthened	Faculty are motivated to identify patentable ideas and initiate patent filing with support from the institutional IPR cell.
<b>SECTION – IX: ACHIEVEMENTS</b>			
9.3	Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers	Faculty need to participate in various professional bodies and receive awards to their credit. Supporting documents need to be evidenced on the achievements a faculty has obtained.	Faculty have been encouraged to join professional bodies and apply for awards. Supporting documents for memberships and achievements are being collected and maintained.

Thanking You

Yours Truly

Dr. D. Dr.N.Danapaquame  
HoD/CSE



SMVEC/HEAD-IT/INT/AAA/ 2024-25

21-03-2025

**Department of Information Technology**

**ACTION TAKEN REPORT**

Sir,

**Sub :** Action taken Report submission for Non-Conformances in AAA – Reg

**Ref :** SMVEC/IQAC/INT/AAA/2024-25/01 dated 10-03-2025

\*\*\*\*\*

Action Taken Report for Non-Conformances in AAA, which was held on 07.03.2025

Section No.	Particular	Remarks	
<b>SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS</b>			
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Need conversion of projects to patents and products	Faculty and students have been encouraged to identify patentable outcomes from projects and convert them into patents and viable products with support from the institutional IPR and incubation facilities.
5.3	Faculty Publications	There is more scope for publications in reputed journals	Faculty have been motivated to publish research in reputed journals and conferences, with guidance on journal selection, quality standards, and institutional support for publication.
<b>SECTION-VIII: ACTIVITY CONDUCTED/ORGANIZED BY THE DEPARTMENT</b>			
8.2	FDP, Workshop	FDP and Workshop needs to be improved	The department has planned to increase the number of FDPs and workshops and encourages faculty participation in emerging and interdisciplinary areas with institutional support.

Thanking You

Yours Truly

Dr. R. Raju  
HoD/IT





SMVEC/HEAD-MECH/INT/AAA/ 2024-25

21-03-2025

**Department of Mechanical Engineering**

**ACTION TAKEN REPORT**

Sir,

**Sub :** Action taken Report submission for Non-Conformances in AAA – Reg

**Ref :** SMVEC/IQAC/INT/AAA/2024-25/01 dated 10-03-2025

\*\*\*\*\*

Action Taken Report for Non-Conformances in AAA, which was held on 07.03.2025

Section No.	Particular	Remarks	
SECTION – II: CURRICULAR ASPECTS			
2.2	Participation of the Faculty in the Curriculum development for courses offered in UG and PG programs	Industry supported courses can be included	The department has initiated discussions with industry partners to introduce industry-supported courses and value-added programs aligned with current industry requirements.
SECTION – VII: STUDENT PROGRESSION			
7.1	Placements	Average salary package can be improved	Focused efforts have been taken to strengthen industry interaction, skill-based training, and placement-oriented activities to improve the average salary package of students.

Thanking You

Yours Truly

  
HoD/MECH



SMVEC/HEAD-ICE/INT/AAA/ 2024-25

21-03-2025

**Department of Instrumentation and Control Engineering**

**ACTION TAKEN REPORT**

Sir,

**Sub :** Action taken Report submission for Non-Conformances in AAA – Reg

**Ref :** SMVEC/IQAC/INT/AAA/2024-25/01 dated 10-03-2025

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An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 7<sup>th</sup> March 2025. The following non-conformances were observed during the audit

Section No.	Particular	Remarks	Action Taken
<b>SECTION – III: TEACHING, LEARNING AND EVALUATION</b>			
3.1	Course Delivery	Demo videos to be conducted	Faculty have been encouraged to prepare and use demo videos and digital content to enhance course delivery and student understanding.
<b>SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS</b>			
5.3	Faculty Publications	Publications need improvement	Faculty have been motivated to increase research publications in reputed journals and conferences with institutional support and guidance.
<b>SECTION – IX: ACHIEVEMENTS</b>			
9.1	Awards and Prizes Received by Students	Achievements can be disseminated to stakeholders through social media	Student achievements are being documented and disseminated to stakeholders through the department website and official social media platforms.

Thanking You

Yours Truly

HoD/ICE



SMVEC/HEAD-CIVIL/INT/AAA/ 2024-25

21-03-2025

**Department of Civil Engineering**

**ACTION TAKEN REPORT**

Sir,

**Sub :** Action taken Report submission for Non-Conformances in AAA – Reg

**Ref :** SMVEC/IQAC/INT/AAA/2024-25/01 dated 10-03-2025

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An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 7<sup>th</sup> March 2025. The following non-conformances were observed during the audit

Section No.	Particular	Remarks	Action Taken
<b>SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS</b>			
5.3	Research Projects / Funding	No funded projects reported. Faculty to be motivated to submit proposals to external agencies.	Faculty have been motivated to submit research proposals to external funding agencies, and guidance is being provided for proposal preparation and submission.
<b>SECTION – VIII: ACTIVITY CONDUCTED</b>			
8.2	FDP /Workshop / STTP / Conference for Faculty	Training to be imported for Faculty.	Faculty training through FDPs, workshops, STTPs, and conferences is being encouraged, with plans to organize and support participation in emerging technical areas.

Thanking You

Yours Truly

  
Dr.S.Sundararaman  
HoD/CIVIL





SMVEC/HEAD-MCTR/INT/AAA/ 2024-25

21-03-2025

**Department of Mechatronics**

**ACTION TAKEN REPORT**

Sir,

**Sub :** Action taken Report submission for Non-Conformances in AAA – Reg

**Ref :** SMVEC/IQAC/INT/AAA/2024-25/01 dated 10-03-2025

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An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 7<sup>th</sup> March 2025. The following non-conformances were observed during the audit

Section No.	Particular	Remarks	Action Taken
<b>SECTION – III: TEACHING, LEARNING AND EVALUATION</b>			
3.4	Activities for Slow and Advanced Learners	Records pertaining to slow and advanced learners need to be reviewed	Records of slow and advanced learners have been reviewed and updated, and suitable remedial and enrichment activities are being planned.
<b>SECTION – IV: STRUCTURED FEEDBACK</b>			
4	Student, Parent and Alumni Feed back	More number of feedback from stakeholders need to be collected.	Feedback mechanisms have been strengthened to collect inputs from more stakeholders, including students, alumni, parents, and employers.

Thanking You

Yours Truly

HoD/MCTR



SMVEC/HEAD-BME/INT/AAA/ 2024-25

21-03-2025

**Department of Biomedical Engineering**

**ACTION TAKEN REPORT**

Sir,

**Sub :** Action taken Report submission for Non-Conformances in AAA – Reg

**Ref :** SMVEC/IQAC/INT/AAA/2024-25/01 dated 10-03-2025

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Action Taken Report for Non-Conformances in AAA, which was held on 08.03.2025

Section No.	Particular	Remarks	Action Taken
SECTION – II: CURRICULAR ASPECTS			
2.1	Curriculum Revision	Introduce AI application, relevant courses	The curriculum is being reviewed to introduce AI applications and relevant courses aligned with current industry and technological trends.
SECTION – VI: COLLABORATIONS AND LINKAGES			
6	Student Placement	Focus on core company placement	Efforts have been strengthened to improve placements in core companies through focused training, industry interaction, and placement-oriented activities.

Thanking You

Yours Truly

Dr.A. Vijayalakshmi  
HoD/BME



SMVEC/HEAD-AIDS/INT/AAA/ 2024-25

21-03-2025

**Department of Artificial Intelligence and Data Science**

**ACTION TAKEN REPORT**

Sir,

**Sub :** Action taken Report submission for Non-Conformances in AAA – Reg

**Ref :** SMVEC/IQAC/INT/AAA/2024-25/01 dated 10-03-2025

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Action Taken Report for Non-Conformances in AAA, which was held on 08.03.2025

Section No.	Particular	Remarks	Action Taken
<b>SECTION – V: RESEARCH, INOVATION AND PUBLICATIONS</b>			
5.1	Research Grants	Need to focus on research grants and projects	Faculty have been encouraged to focus on applying for research grants and projects from external funding agencies, with guidance and institutional support provided.
5.2	Consultancy Works	Need to concentrate on consultancy works	Faculty are motivated to undertake consultancy works in collaboration with industry and government organizations to strengthen industry linkage and generate revenue.

Thanking You

Yours Truly

Dr.J.Madhusudanan  
HoD/AIDS





SMVEC/HEAD-CSEBS/INT/AAA/ 2024-25

21-03-2025

**Department of Computer Science Engineering and Business Systems**

**ACTION TAKEN REPORT**

Sir,

**Sub :** Action taken Report submission for Non-Conformances in AAA – Reg

**Ref :** SMVEC/IQAC/INT/AAA/2024-25/01 dated 10-03-2025

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Action Taken Report for Non-Conformances in AAA, which was held on 07.03.2025

Section No.	Particular	Remarks	Action Taken
<b>SECTION – V: RESEARCH, INOVATION AND PUBLICATIONS</b>			
5.1	Research Grants	Need to focus on research grants and projects	Faculty have been encouraged to focus on applying for research grants and projects from external funding agencies, with guidance and institutional support provided.
5.2	Consultancy Works	Need to concentrate on consultancy works	Faculty are motivated to undertake consultancy works in collaboration with industry and government organizations to strengthen industry linkage and generate revenue.

Thanking You

Yours Truly

HoD/CSEBS



SMVEC/HEAD-CCE/INT/AAA/ 2024-25

21-03-2025

**Department of Computer and Communication Engineering**

**ACTION TAKEN REPORT**

Sir,

**Sub :** Action taken Report submission for Non-Conformances in AAA – Reg

**Ref :** SMVEC/IQAC/INT/AAA/2024-25/01 dated 10-03-2025


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Action Taken Report for Non-Conformances in AAA, which was held on 08.03.2025

Section No.	Particular	Remarks	Action Taken
<b>SECTION – V: RESEARCH, INOVATION AND PUBLICATIONS</b>			
5.1	Research Grants	Need to focus on research grants and projects	Faculty have been encouraged to apply for research grants and projects from external funding agencies, with institutional support for proposal preparation and submission.
5.2	Consultancy Works	Need to concentrate on consultancy works	Faculty have been encouraged to apply for research grants and projects from external funding agencies, with institutional support for proposal preparation and submission.
5.3	Publications	Need to improvements	Faculty have been encouraged to improve research output through publications in reputed journals and conferences with necessary guidance and support.
<b>SECTION – VI: COLLABORATIONS AND LINKAGES</b>			
6	Collaboration Works	Funding to be improved ether by government or by private sector	The department is strengthening collaborations with government and private organizations to improve joint research activities and external funding opportunities.

Thanking You

Yours Truly

  
Dr. R. Ramya  
HoD/CCE



SMVEC/HEAD-FT/INT/AAA/ 2024-25

21-03-2025

**Department of Fashion Technology**

**ACTION TAKEN REPORT**

Sir,

**Sub :** Action taken Report submission for Non-Conformances in AAA – Reg

**Ref :** SMVEC/IQAC/INT/AAA/2024-25/01 dated 10-03-2025

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An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in our department on 07<sup>th</sup> March 2025. It is hereby informed that we have attached action taken report for the non-conformances in AAA as given below.

Section No.	Particular	Remarks	Action Taken
<b>SECTION – VI: COLLABORATIONS AND LINKAGES</b>			
6.3	Collaboration Works	Industrial Visit to be Improved	The department has planned to increase the number of industrial visits by strengthening collaboration with industries and relevant organizations.
<b>SECTION-VIII: ACTIVITY CONDUCTED/ORGANIZED BY THE DEPARTMENT</b>			
8	Activities conducted	Need to be initiate more departmental activities	The department has initiated plans to conduct more technical, academic, and co-curricular activities to enhance student and faculty engagement.

Thanking You

Yours Truly

  
HoD/FT





SMVEC/HEAD-ARCH/INT/AAA/ 2024-25

21-03-2025

**School of Architecture**

**ACTION TAKEN REPORT**

Sir,

**Sub :** Action taken Report submission for Non-Conformances in AAA – Reg

**Ref :** SMVEC/IQAC/INT/AAA/2024-25/01 dated 10-03-2025

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An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in our department on 07<sup>th</sup> March 2025. It is hereby informed that we have attached action taken report for the non-conformances in AAA as given below.

Section No.	Particular	Remarks	Action Taken
<b>SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS</b>			
5.1	Research Grants and Projects	Need more focus on research grants, publication and patterns.	Faculty members have been encouraged to focus on research grants, publications, and patents, with guidance provided for proposal preparation and research planning.
5.2	Consultancy Works	Needs Improvement for getting sponsored projects.	Efforts have been initiated to improve consultancy activities and obtain sponsored projects through enhanced industry interaction and collaboration.
5.3	Faculty Publications	Requested the faculty to participate on more research activities.	Faculty have been encouraged to actively participate in research activities and increase publications in reputed journals and conferences.

Thanking You

Yours Truly



Ar.S.Manoharan  
Principal – SOA / SMVEC



SMVEC/HEAD-MCA/INT/AAA/ 2024-25

21-03-2025

**Department of Computer Applications**

**ACTION TAKEN REPORT**

Sir,

**Sub :** Action taken Report submission for Non-Conformances in AAA – Reg

**Ref :** SMVEC/IQAC/INT/AAA/2024-25/01 dated 10-03-2025

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An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 8<sup>th</sup> March 2025. The following non-conformances were observed during the audit

Section No.	Particular	Remarks	Action Taken
<b>SECTION – VI: COLLABORATIONS AND LINKAGES</b>			
6.2	Sponsored / Industry Projects	Focus on new MoU's	The department has initiated efforts to establish new MoUs with industries to promote sponsored and industry-supported projects.
<b>SECTION – VII: STUDENT PROGRESSION</b>			
7	Student progression	Need to concentrate on higher packages	Focused training, industry interaction, and placement-oriented activities are being strengthened to improve student progression and secure higher salary packages.

Thanking You

Yours Truly

  
HoD/MCA





SMVEC/HEAD-MBA/INT/AAA/2024-25

21-03-2025

**Department of Management Studies**

**ACTION TAKEN REPORT**

Sir,

**Sub :** Action taken Report submission for Non-Conformances in AAA – Reg

**Ref :** SMVEC/IQAC/INT/AAA/2024-25/01 dated 10-03-2025

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An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members for the Academic Year 2024-25 in your department on 8<sup>th</sup> March 2025. The following non-conformances were observed during the audit

Section No.	Particular	Remarks	Action Taken
<b>SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS</b>			
5.3	Faculty Publications	Need to focus on funded projects	Faculty have been encouraged to focus on funded research projects and improve publication output with institutional support for proposal submission.
<b>SECTION – VI: COLLABORATIONS AND LINKAGES</b>			
6.4	Functional Memorandum of Understanding (MoU)	Formal MoU's and Industrial visit to be strengthened	Formal MoUs with industries are being strengthened, and efforts have been initiated to increase the number of industrial visits.
<b>SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT</b>			
8.	Activity conducted	Need to organize national level FDPs	The department has planned to organize national-level FDPs and technical programs to enhance faculty competency and academic exposure.

Thanking You

Yours Truly

HoD/MBA