



SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

ACADEMIC AND ADMINISTRATIVE AUDIT

Internal Audit | April 8-9, 2024



INTERNAL QUALITY ASSURANCE CELL



**SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE**

An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107



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**ACADEMIC AND ADMINISTRATIVE AUDIT
REPORT**

INTERNAL AUDIT

ACADEMIC YEAR 2023-2024

DATE: 08.04.2024 AND 09.04.2024



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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

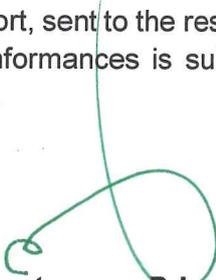
1. Curricular Aspects
2. Teaching, Learning and Evaluation
3. Feedback of Stake holders
4. Research, Innovation and Publications
5. Collaboration and Linkages
6. Student Progression
7. Activities Conducted/ Organized by the Department
8. Achievements by students and faculty members

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 25.03.2024. Internal expert members from various departments participated in conducting this audit and was conducted on 08.04.2024 and 09.04.2024.

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.A.A.Arivalagar)


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



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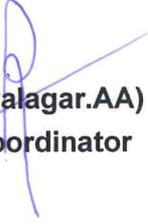
SMVEC/IQAC/ 01 /CIRCULAR/24

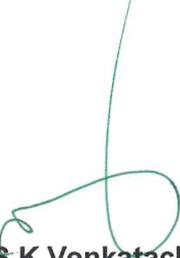
Date: 25.03.2024

CIRCULAR

This is to inform that IQAC plan to conduct an Internal Academic and Administrative Audit (AAA) for the academic year 2023-24 (odd semester) on April 8th and 9th 2024. 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 03.04.24. 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. Arivalagar.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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SMVEC/IQAC/02/Note/24/01

27.03.2024

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 08.04.2024 and 09.04.2024 for the Academic Year 2023-2024 (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.K.Lakshmi	Professor/ IT	EEE and AI&DS
	Dr.R.Jayabharathi	Associate Professor/ Mech	
2 ✓	Dr.D.Raja	Associate Professor/ EEE	ECE and MCTR
	Dr.K.Hemalatha	Associate Professor/ Mech	
3 ✓	Dr.K.Naveen Kumar	Assistant Professor/ ICE	CSE and CSBS
	Dr.S.B.Lenin	Professor/ ECE	
4 ✓	Dr.D.Sivaraj	Assistant Professor/ EEE	IT and BME
	Dr.R.Ramachandiran	Associate Professor/ CSE	
5 ✓	Dr. N.Thilagavathi	Assistant Professor/ Mech	MECH and ICE
	Dr.S.Pougajendy	Professor/ MBA	
6 ✓	Dr.R.Ravi Sankar	Associate Professor/ Mech	CCE and CIVIL
	Dr.B.Elamurugan	Associate 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



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ACADEMIC AND ADMINISTRATIVE AUDIT

**DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING**



ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2023-2024)

Internal Audit

SECTION –1: BASIC INFORMATION

Audit Date	10.04.2024			
Name of the Department	ELECTRICAL AND ELECTRONICS ENGINEERING			
Year of Establishment	1999			
Programmes Offered	Name of the Programme	Approved Intake		
	Electrical and Electronics Engineering	120		
	M. Tech (Power Electronics and Drives)	-		
Head of the Department	Dr.P.Jamuna M.E., Ph.D			
Number of full time Teachers	Professor	3		
	Associate Professor	5		
	Assistant Professor	32		
Number of Technical Staff	06			
Number of Students	For B. Tech:		For M. Tech	
	Year	Strength	Year	Strength
	First Year	109	First Year	-
	Second Year	108	Second Year	-
	Third Year	88	Total	-
	Fourth Year	124		
	Total	429		
Faculty Student Ratio	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 Participation of the Faculty in the Curriculum development for courses offered in UG and PG programmes

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1.	Dr. S. Anbumalar	Dean Academics	Professional Elective – IV: Fuzzy Logic and Neural Networks: U20ICCM01	IV/VII
2.	Dr. P. Jamuna	Board Chairman	Open Elective – IV: Internet of Things: U20ECCM04	IV/VII
3.	Dr. D. Raja	Scrutinizer	Electric Vehicle Technology: U20EECM02	IV/VII
4.	Dr. M. Susithra	Scrutinizer	Professional Elective – II: Electrical Energy Audit and Conservation: U20EEE508	III/V
5.	Dr. S. Ganesh Kumaran	Subject Expert member	Design Thinking and Idea Lab: U23ESPC02	I/I

6.	Dr.N. Prabavathi	Subject Expert member	<ul style="list-style-type: none"> ➤ Open Elective – IV: Artificial Intelligence: U20CSO705 ➤ Electrical Software Simulation Lab: U20EEP7179 	IV/VII
7.	Dr. C. Kalavani	Subject Expert member	Electrical Technology: U23EETC01	ECE / I/I
8.	Dr. D. Sivaraj	Subject Expert member	<ul style="list-style-type: none"> ➤ Linear Integrated Circuits: U20EET308 ➤ Linear Integrated Circuits Lab:U20EEP307 	II/III
9.	Mr. B. Parthiban	Subject Expert member	<ul style="list-style-type: none"> ➤ Electric Vehicle Technology: U20EECM02 ➤ Electric and Hybrid Vehicle Lab: U20EEP716 	IV/VII
10.	Mr. S. Johnpowl	Subject Expert member	<ul style="list-style-type: none"> ➤ Electronics – I: U23EET102 ➤ Electronics – I Laboratory: U23EEP102 	I/I
11.	Mr. A. Janagiraman.	Subject Expert member	<ul style="list-style-type: none"> ➤ Power Electronics: U20EET513 ➤ Power Electronics and Drives Lab: U20EEP510 	III/V
12.	Mr. K. Thangaraj	Subject Expert member	<ul style="list-style-type: none"> ➤ Electrical Machines – II: U20EET307 ➤ Electrical Machines Lab- II: U20EEP306 	II/III
13.	Mr. D. Durairaj	Subject Expert member	<ul style="list-style-type: none"> ➤ Electric and Hybrid Vehicle Lab: U20EEP716 ➤ Professional Elective – IV: Special Electrical Machines: U20EEE720 	IV/VII
14.	Mr. J. Muruganandham	Subject Expert member	<ul style="list-style-type: none"> ➤ Data Structures: U20EST356 ➤ Data Structures Lab: U20ESP357 	II/III
15.	Mr. K. Arun	Scrutinizer , Subject Expert member	<ul style="list-style-type: none"> ➤ Power Plant Engineering: U20EET310 ➤ Electrical Software Simulation Lab: U20EEP7179 	II/III IV/VII
16.	Mr. C. Adrien Perianayagam	Subject Expert member	<ul style="list-style-type: none"> ➤ Linear Integrated Circuits: U20EET308 ➤ Linear Integrated Circuits Lab:U20EEP307 	II/III
17.	Mr. R. Ragupathy	Subject Expert member	<ul style="list-style-type: none"> ➤ Electrical Machines – II: U20EET307 ➤ Electrical Machines Lab- II: U20EEP306 	II/III
18.	Mr. R. Rajtilak	Subject Expert member	<ul style="list-style-type: none"> ➤ Professional Ethics - U20EEM707 ➤ Design Thinking and Idea Lab: U23ESPC02 	IV/VII I/I
19.	Mr. A. Narendran	Scrutinizer Subject Expert member	<ul style="list-style-type: none"> ➤ Electrical Engineering: U23EET101 ➤ Electrical Engineering Lab: U23EEP101 	I/I
20.	Mr. Y. Bosky	Subject Expert member	<ul style="list-style-type: none"> ➤ Electromagnetic Theory: U20EET309 ➤ Electrical technology laboratory: U23EEPC01 	II/III ECE / I/I
21.	Mr. V. Janakiraman	Subject Expert member	<ul style="list-style-type: none"> ➤ Electrical Technology: U23EETC01 ➤ Electrical technology laboratory: U23EEPC01 	ECE / I/I
22.	Ms. N. Swarnalakshmi	Subject Expert member	<ul style="list-style-type: none"> ➤ Transmission and Distribution: U20EET515 ➤ Numerical Methods and Optimization Lab: U20BSP543 	III/V
23.	Mrs. R.Narmadha	Subject Expert member	<ul style="list-style-type: none"> ➤ Electronics – I: U23EET102 ➤ Electronics – I Laboratory: U23EEP102 	I/I
24.	Mr. N. Kannan	Subject Expert member	<ul style="list-style-type: none"> ➤ Basics of Electrical and Electronics Engineering: U23ESTC03 	CSE/I/I
25.	Mr. M. Arul Kumar	Subject Expert member	<ul style="list-style-type: none"> ➤ Basics of Electrical and Electronics Engineering: U23ESTC03 ➤ Basics of Electrical and Electronics Engineering Laboratory: U23ESTC03 	CSE/I/I
26.	Ms. V. Vijaysanthi	Subject Expert member	<ul style="list-style-type: none"> ➤ Basics of Electrical and Electronics Engineering: U23ESTC03 ➤ Basics of Electrical and Electronics Engineering Laboratory: U23ESTC03 	IT/I/I
27.	Mrs. S. Uma Mageswari	Subject Expert member	<ul style="list-style-type: none"> ➤ Basics of Electrical and Electronics Engineering Laboratory: U23ESTC03 	CSE/I/I
28.	Mr. I. Shivasankkar	Subject Expert member	<ul style="list-style-type: none"> ➤ Data Structures: U20EST356 ➤ Data Structures Lab: U20ESP357 	II/III
29.	Mrs. B. Mahalakshmi	Subject Expert member	<ul style="list-style-type: none"> ➤ Electromagnetic Theory: U20EET309 ➤ Electrical Software Simulation Lab: U20EEP7179 	II/III IV/VII
30.	Mr. K. Manikanda Prabhu	Subject Expert member	<ul style="list-style-type: none"> ➤ Electrical Technology: U23EETC01 ➤ Electrical technology laboratory: U23EEPC01 	ECE / I/I
31.	Ms. F. Avila Priya	Subject Expert member	<ul style="list-style-type: none"> ➤ Power Plant Engineering: U20EET310 ➤ Electrical Software Simulation Lab: U20EEP7179 	II/III IV/VII
32.	Mrs.K.Kavinelavu	Subject Expert	<ul style="list-style-type: none"> ➤ Electrical Technology: U23EETC01 	ECE / I/I

		member	➤ Electrical technology laboratory: U23EEPC01	
33.	Mr. G. Rajavel	Subject Expert member	➤ Industrial Automation and Control: 20EET720 ➤ Industrial Automation and Control Lab: U20EEP715	IV/VII
34.	Mr.R. Vignesh	Subject Expert member	➤ Electrical Engineering: U23EET101 ➤ Electrical Engineering Lab: U23EEP101	I/I
35.	Ms.T.Abinayasaraswathy	Subject Expert member	➤ Control Systems: U20EET514 ➤ Control Systems Lab: U20EEP511	III/V
36.	Mr.S Elanthamizh	Subject Expert member	➤ Industrial Automation and Control: 20EET720 ➤ Industrial Automation and Control Lab: U20EEP715	IV/VII
37.	Mr.J.Gnanavel	Subject Expert member	➤ Basics of Electrical and Electronics Engineering: U23ESTC03 ➤ Basics of Electrical and Electronics Engineering Laboratory: U23ESTC03	CIVIL/I/I
38.	Mr. R.Rajeshkumar	Subject Expert member	➤ Basics of Electrical and Electronics Engineering: U23ESTC03 ➤ Basics of Electrical and Electronics Engineering Laboratory: U23ESTC03	IT/I/I
39.	Mrs.D.Meena	Subject Expert member	➤ Basics of Electrical and Electronics Engineering: U23ESTC03 ➤ Basics of Electrical and Electronics Engineering Laboratory: U23ESTC03	IT/I/I
40.	Mrs A.S. Amathullah	Subject Expert member	➤ Basics of Electrical and Electronics Engineering: U23ESTC03 ➤ Basics of Electrical and Electronics Engineering Laboratory: U23ESTC03	CSE/I/I

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: Electrical Energy Audit and Conservation	U20EEE508	88
2.	IV/VII	Professional Elective – IV: Special Electrical Machines	U20EEE720	62
3.	IV/VII	Professional Elective – IV: Fuzzy Logic and Neural Networks	U20ICCM01	62

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	88
2.	IV/VII	ECE	Open Elective – IV: Internet of Things	U20ECCM04	60
3.	IV/VII	CSE	Open Elective – IV: Artificial Intelligence	U20CSO705	64

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: Demonstration / Troubleshooting of Electrical and Electronics Equipments	U20EES302	108
2.	III/V	Skill Development Course 4: Foreign Language/ IELTS - I	U20EES504	88
3.	III/V	Skill Development Course 5: Presentation Skill using ICT	U20EES505	88

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)	U23EEC176	55 (Not Yet Completed)
2	I/I	Certification Course – I: Autodesk Fusion 360 –ACU	U23EEC110	54 (Not Yet Completed)
3	II/III	Certification Course – III: Solar and Smart Energy System with IoT	U20EEC381	108
4	III/V	Certification Course – V: Embedded System with IoT	U20EEC545	88

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	U23EEM101	109
2	II/III	Physical Education	U20EEM303	108
3	III/V	Indian Constitution	U20EEM505	88
4	IV/VII	Professional Ethics	U20EEM707	124

SECTION – 3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

S.No	Name of the Course	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
June 2023 – December 2023(ODD SEM)						
Batch: 2020 – 2024 : IV/VII/A						
1	Industrial Automation and Control	U20EET720	Mr. G. Rajavel	45	45	47
2	Electric Vehicle Technology	U20EECM02	Dr. D. Raja	45	45	45
Professional Elective - IV						
3	Special Electrical Machines	U20EEE720	Mr. D. Durairaj	45	45	45
4	Fuzzy Logic and Neural Networks	U20ICCM01	Dr. S. Anbumalar	45	45	45
Open Elective - IV						
5	Internet of Things	U20ECCM04	Dr. P. Jamuna	45	45	45
6	Artificial Intelligence	U20CSO705	Dr.N. Prabavathi	45	45	45
Practical						
7	Business Basics for Entrepreneur	U20HSP703	Mrs.M.Angelamary	30	30	30
8	Industrial Automation and Control Lab	U20EEP715	Mr. G. Rajavel	30	30	30
9	Electric and Hybrid Vehicle Lab	U20EEP716	Mr. D. Durairaj	30	30	30
10	Electrical Software Simulation Lab	U20EEP717	Mrs. B. Mahalakshmi Ms. F. Avila Priya	30	30	30
Project Work						
11	Project Phase – I	U20EEW701	Dr. P.Jamuna / Mr. K.Thangaraj	60	60	60
12	Internship / Inplant Training	U20EEW702	Mr. K.Thangaraj	-	-	-
Mandatory Course						
13	Professional Ethics	U20EEM707	Mr. R. Rajtilak	30	30	30
Batch: 2020 – 2024 : IV/VII/B						
1	Industrial Automation and Control	U20EET720	Mr.S Elanthamizh	45	45	49

	Control					
2	Electric Vehicle Technology	U20EECM02	Mr. B. Parthiban	45	45	45
Professional Elective - IV						
3	Special Electrical Machines	U20EEE720	Mr. D. Durairaj	45	45	45
4	Fuzzy Logic and Neural Networks	U20ICCM01	Dr. S. Anbumalar	45	45	45
Open Elective - IV						
5	Internet of Things	U20ECCM04	Dr. P. Jamuna	45	45	45
6	Artificial Intelligence	U20CSO705	Dr.N. Prabavathi	45	45	45
Practical						
7	Business Basics for Entrepreneur	U20HSP703	Mrs.R.Sureka	30	30	30
8	Industrial Automation and Control Lab	U20EEP715	Mr.S Elanthamizh	30	30	30
9	Electric and Hybrid Vehicle Lab	U20EEP716	Mr. B. Parthiban	30	30	30
10	Electrical Software Simulation Lab	U20EEP717	Mr. K. Arun	30	30	30
Project Work						
11	Project Phase – I	U20EEW701	Dr. D.Raja	60	60	60
12	Internship / Inplant Training	U20EEW702	Mr. R.Ragupathy	-	-	-
Mandatory Course						
13	Professional Ethics	U20EEM707	Dr. D.Raja	30	30	30
Batch: 2021 – 2025 : III/ V/A						
1	Numerical Methods and Optimization	U20BST542	Mrs.S.Revathi	60	60	54
2	Power Electronics	U20EET513	Mr. A. Janagiraman.	45	45	59
3	Control Systems	U20EET514	Ms.T.Abinayasaraswathy	60	60	67
4	Transmission and Distribution	U20EET515	Ms. N. Swarnalakshmi	45	45	45
5	Professional Elective - II Electrical Energy Audit and Conservation	U20EEE508	Dr. M. Susithra	45	45	45
6	Open Elective-II Product Development and Design	U20HSO501	Mrs.S.Deepa	45	45	45
Practical						
7	Numerical Methods and Optimization Lab	U20BSP543	Ms. N. Swarnalakshmi	30	30	31
8	Power Electronics and Drives Lab	U20EEP510	Mr. A. Janagiraman.	30	30	31
9	Control Systems Lab	U20EEP511	Ms.T.Abinayasaraswathy	30	30	31
Employability Enhancement Course						
10	Certification Course – V: Embedded System with IoT	U20EEC545	Dr. S.Ganesh Kumaran	50	50	50
11	Skill Development Course 4: Foreign Language/ IELTS - I	U20EES504	Mr. J.Muruganandham	30	30	30
12	Skill Development Course 5: Presentation Skill using ICT	U20EES505	Mr. C.Adrien Perianayagam	30	30	30
Mandatory Course						
13	Indian Constitution	U20EEM505	Mr.I.Shivasankkar	30	30	13
Batch: 2022 – 2026 : II/III/A						
1	Complex Analysis and Applications of Partial Differential Equations	U20BST320	Mr.K.Gurusamy	60	60	52
2	Data Structures	U20EST356	Mr. J. Muruganandham	45	45	56
3	Electrical Machines – II	U20EET307	Mr. R. Ragupathy	45	45	38
4	Linear Integrated Circuits	U20EET308	Mr. C. Adrien Perianayagam	45	45	52
5	Electromagnetic Theory	U20EET309	Mrs. B. Mahalakshmi	45	45	45
6	Power Plant Engineering	U20EET310	Mr. K. Arun	45	45	45
Practical						
7	General Proficiency - I	U20HSP301	Dr.P.Rajeshwari	30	30	30
8	Data Structures Lab	U20ESP357	Mr. J. Muruganandham	30	30	30
9	Electrical Machines Lab- II	U20EEP306	Mr. R. Ragupathy	30	30	30
10	Linear Integrated Circuits Lab	U20EEP307	Mr. C. Adrien	30	30	30

			Perianayagam			
Employability Enhancement Course						
11	Certification Course – III: Solar and Smart Energy System with IoT	U20EEC381	Mr. J. Muruganandham	50	50	50
12	Skill Development Course 2: Demonstration / Troubleshooting of Electrical and Electronics Equipments	U20EES302	Mr. A.Janagiraman	30	30	30
Mandatory Course						
13	Physical Education	U20EEM303	Mr. A.Janagiraman	30	30	30
Batch: 2022 – 2026 : II/III/B						
1	Complex Analysis and Applications of Partial Differential Equations	U20BST320	Mr.K.Gurusamy	60	60	49
2	Data Structures	U20EST356	Mr. I. Shivasankkar	45	45	45
3	Electrical Machines – II	U20EET307	Mr. K. Thangaraj	45	45	45
4	Linear Integrated Circuits	U20EET308	Dr. D. Sivaraj	45	45	45
5	Electromagnetic Theory	U20EET309	Mrs. Y. Bosky	45	45	45
6	Power Plant Engineering	U20EET310	Ms. F. Avila Priya	45	45	45
Practical						
7	General Proficiency - I	U20HSP301	Dr.P.Rajeshwari	30	30	33
8	Data Structures Lab	U20ESP357	Mr. I. Shivasankkar	30	30	30
9	Electrical Machines Lab- II	U20EEP306	Mr. K. Thangaraj	30	30	30
10	Linear Integrated Circuits Lab	U20EEP307	Dr. D. Sivaraj	30	30	30
Employability Enhancement Course						
11	Certification Course – III: Solar and Smart Energy System with IoT	U20EEC381	Mr. J. Muruganandham	50	50	50
12	Skill Development Course 2: Demonstration / Troubleshooting of Electrical and Electronics Equipments	U20EES302	Mr. A.Janagiraman	30	30	30
Mandatory Course						
13	Physical Education	U20EEM303	Dr. D. Sivaraj	30	30	30
Batch: 2023 – 2027: I/I/A						
1	Engineering Mathematics – I	U23MATC01	Mrs.Poongkuzhali	60	60	60
2	Physical Science for Engineers	U23BSTC01	Mrs.Geetha/ Mrs.Vaani	45	45	58
3	Engineering Mechanics	U23ESTC02	Dr.L.Martin	45	45	45
4	Electrical Engineering	U23EET101	Mr. R.Vignesh	45	45	54
5	Electronics – I	U23EET102	Mr. S. Johnpowl	45	45	59
Theory cum Practical						
6	Communicative English – I	U23ENBC01	Mrs.K.Madanavathy	60	60	46
Practical						
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	Mr. S. Johnpowl	30	30	30
Ability Enhancement Course						
10	Certification Course – I: Web Applications Development (HTML, CSS, JS)	U23EEC176	Mr. K. Kannan	50	50	50
Batch: 2023 – 2027: I/I/B						
1	Engineering Mathematics – I	U23MATC01	Mrs.Poongkuzhali	60	60	60
2	Physical Science for Engineers	U23BSTC01	Mrs.Geetha/ Mrs.Vaani	45	45	61
3	Engineering Mechanics	U23ESTC02	Dr.L.Martin	45	45	45
4	Electrical Engineering	U23EET101	Mr. A. Narendran	45	45	45
5	Electronics – I	U23EET102	Mrs. R.Narmadha	45	45	45
Theory cum Practical						
6	Communicative English – I	U23ENBC01	Mrs.K.Madanavathy	60	60	52
Practical						
7	Design Thinking and Idea Lab	U23ESPC02	Mr. R. Rajtilak	30	30	30
8	Electrical Engineering Laboratory	U23EEP101	Mr. A. Narendran	30	30	30
9	Electronics – I Laboratory	U23EEP102	Mrs. R.Narmadha	30	30	30

Ability Enhancement Course						
10	Certification Course – I: Web Applications Development (HTML, CSS, JS)	U23EEEC176	Mrs. S. Uma Mageswari	50	50	50

3.2 Use of ICT Tools in Teaching Learning

S. No	Name of the Faculty	Name of the Course for which ICT used	Year/ Sem	Batch	ICT Tool / Technique Used
1	Dr. S. Anbumalar	Professional Elective – IV: Fuzzy Logic and Neural Networks: U20ICCM01	IV/VII	2020 - 2024	PPT/Animation Videos
2	Dr. P. Jamuna	Open Elective – IV: Internet of Things: U20ECCM04	IV/VII	2020 - 2024	PPT/Animation Videos
3	Dr. D. Raja	Electric Vehicle Technology: U20EECM02	IV/VII	2020 - 2024	PPT/Animation Videos
4	Dr. M. Susithra	Professional Elective – II: Electrical Energy Audit and Conservation: U20EEE508	III/V	2021 - 2025	PPT/Animation Videos
5	Dr. S. Ganesh Kumaran	Design Thinking and Idea Lab: U23ESPC02	I/I	2023 - 2027	PPT/Animation Videos
6	Dr.N. Prabavathi	<ul style="list-style-type: none"> ➤ Open Elective – IV: Artificial Intelligence: U20CSO705 ➤ Electrical Software Simulation Lab: U20EEP7179 	IV/VII	2020 - 2024	PPT/Animation Videos
7	Dr. C. Kalaivani	Electrical Technology: U23EETC01	ECE / I/I	2023 - 2027	PPT/Animation Videos/Real time models
8	Dr. D. Sivaraj	<ul style="list-style-type: none"> ➤ Linear Integrated Circuits: U20EET308 ➤ Linear Integrated Circuits Lab:U20EEP307 	II/III	2022 - 2026	PPT/Animation Videos
9	Mr. B. Parthiban	<ul style="list-style-type: none"> ➤ Electric Vehicle Technology: U20EECM02 ➤ Electric and Hybrid Vehicle Lab: U20EEP716 	IV/VII	2020 - 2024	PPT/Animation Videos
10	Mr. S. Johnpowl	<ul style="list-style-type: none"> ➤ Electronics – I: U23EET102 ➤ Electronics – I Laboratory: U23EEP102 	I/I	2023 - 2027	PPT/Animation Videos
11	Mr. A. Janagiraman.	<ul style="list-style-type: none"> ➤ Power Electronics: U20EET513 ➤ Power Electronics and Drives Lab: U20EEP510 	III/V	2021 - 2025	PPT/Animation Videos
12	Mr. K. Thangaraj	<ul style="list-style-type: none"> ➤ Electrical Machines – II: U20EET307 ➤ Electrical Machines Lab- II: U20EEP306 	II/III	2022 - 2026	PPT/Animation Videos/Real time models
13	Mr. D. Durairaj	<ul style="list-style-type: none"> ➤ Electric and Hybrid Vehicle Lab: U20EEP716 ➤ Professional Elective – IV: Special Electrical Machines: U20EEE720 	IV/VII	2020 - 2024	PPT/Animation Videos
14	Mr. J. Muruganandham	<ul style="list-style-type: none"> ➤ Data Structures: U20EST356 ➤ Data Structures Lab: U20ESP357 	II/III	2022 - 2026	PPT/Animation Videos
15	Mr. K. Arun	➤ Power Plant Engineering: U20EET310	II/III	2022 - 2026	PPT/Animation Videos
		➤ Electrical Software Simulation Lab: U20EEP7179	IV/VII	2020 - 2024	PPT/Animation Videos
16	Mr. C. Adrien Perianayagam	<ul style="list-style-type: none"> ➤ Linear Integrated Circuits: U20EET308 ➤ Linear Integrated Circuits Lab:U20EEP307 	II/III	2022 - 2026	PPT/Animation Videos
17	Mr. R. Ragupathy	<ul style="list-style-type: none"> ➤ Electrical Machines – II: U20EET307 ➤ Electrical Machines Lab- II: U20EEP306 	II/III	2022 - 2026	PPT/Animation Videos/Real time models
18	Mr. R. Rajtilak	➤ Professional Ethics - U20EEM707	IV/VII	2020 - 2024	PPT/Animation Videos
		➤ Design Thinking and Idea Lab: U23ESPC02	I/I	2023 - 2027	PPT/Animation Videos
19	Mr. A. Narendran	<ul style="list-style-type: none"> ➤ Electrical Engineering: U23EET101 ➤ Electrical Engineering Lab: U23EEP101 	I/I	2023 - 2027	PPT/Animation Videos
20	Mr. Y. Bosky	➤ Electromagnetic Theory: U20EET309	II/III	2022 - 2026	PPT/Animation Videos
		➤ Electrical technology laboratory: U23EEPC01	ECE / I/I	2023 - 2027	PPT/Animation Videos
21	Mr. V. Janakiraman	<ul style="list-style-type: none"> ➤ Electrical Technology: U23EETC01 ➤ Electrical technology laboratory: U23EEPC01 	ECE / I/I	2023 - 2027	PPT/Animation Videos

22	Mrs. B. Mahalakshmi	➤ Electromagnetic Theory: U20EET309	II/III	2022 - 2026	PPT/Animation Videos
		➤ Electrical Software Simulation Lab: U20EEP7179	IV/VII	2020 - 2024	PPT/Animation Videos
23	Ms.N.Swarnalakshmi	➤ Transmission and Distribution: U20EET515 ➤ Numerical Methods and Optimization Lab: U20BSP543	III/V	2021 - 2025	PPT/Animation Videos
24	Ms. F. Avila Priya	➤ Power Plant Engineering: U20EET310	II/III	2022 - 2026	PPT/Animation Videos
		➤ Electrical Software Simulation Lab: U20EEP7179	IV/VII	2020 - 2024	PPT/Animation Videos
25	Mrs. R.Narmadha	➤ Electronics – I: U23EET102 ➤ Electronics – I Laboratory: U23EEP102	I/I	2023 - 2027	PPT/Animation Videos
26	Mr. K. Manikanda Prabhu	➤ Electrical Technology: U23EETC01 ➤ Electrical technology laboratory: U23EIPC01	ECE / I/I	2023 - 2027	PPT/Animation Videos
27	Mr. I. Shivasankkar	➤ Data Structures: U20EST356 ➤ Data Structures Lab: U20ESP357	II/III	2022 - 2026	PPT/Animation Videos
28	Mr.J.Gnanavel	➤ Basics of Electrical and Electronics Engineering: U23ESTC03 ➤ Basics of Electrical and Electronics Engineering Laboratory: U23ESTC03	CIVIL/I/I	2023 - 2027	PPT/Animation Videos
29	Mr. M. Arul Kumar	➤ Basics of Electrical and Electronics Engineering: U23ESTC03 ➤ Basics of Electrical and Electronics Engineering Laboratory: U23ESTC03	CSE/I/I	2023 - 2027	PPT/Animation Videos
30	Mr. K. Kannan	➤ Basics of Electrical and Electronics Engineering: U23ESTC03	CSE/I/I	2023 - 2027	PPT/Animation Videos
31	Mrs. S. Uma Mageswari	➤ Basics of Electrical and Electronics Engineering Laboratory: U23ESTC03	CSE/I/I	2023 - 2027	PPT/Animation Videos
32	Ms. V. Vijaysanthi	➤ Basics of Electrical and Electronics Engineering: U23ESTC03 ➤ Basics of Electrical and Electronics Engineering Laboratory: U23ESTC03	IT/I/I	2023 - 2027	PPT/Animation Videos
33	Mrs.K.Kavinelavu	➤ Electrical Technology: U23EETC01 ➤ Electrical technology laboratory: U23EIPC01	ECE / I/I	2023 - 2027	PPT/Animation Videos
34	Mr.S Elanthamizh	➤ Industrial Automation and Control: 20EET720 ➤ Industrial Automation and Control Lab: U20EEP715	IV/VII	2020 - 2024	PPT/Animation Videos
35	Ms.T.Abinayasaraswathy	➤ Control Systems: U20EET514 ➤ Control Systems Lab: U20EEP511	III/V	2021 - 2025	PPT/Animation Videos
36	Mr.R. Vignesh	➤ Electrical Engineering: U23EET101 ➤ Electrical Engineering Lab: U23EEP101	I/I	2023 - 2027	PPT/Animation Videos
37	Mr. G. Rajavel	➤ Industrial Automation and Control: 20EET720 ➤ Industrial Automation and Control Lab: U20EEP715	IV/VII	2020 - 2024	PPT/Animation Videos
38	Mr. R.Rajeshkumar	➤ Basics of Electrical and Electronics Engineering: U23ESTC03 ➤ Basics of Electrical and Electronics Engineering Laboratory: U23ESTC03	IT/I/I	2023 - 2027	PPT/Animation Videos
39	Mrs.D.Meena	➤ Basics of Electrical and Electronics Engineering: U23ESTC03 ➤ Basics of Electrical and Electronics Engineering Laboratory: U23ESTC03	IT/I/I	2023 - 2027	PPT/Animation Videos
40	Mrs A.S. Amathullah	➤ Basics of Electrical and Electronics Engineering: U23ESTC03 ➤ Basics of Electrical and Electronics Engineering Laboratory: U23ESTC03	CSE/I/I	2023 - 2027	PPT/Animation Videos

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Hands on Training on "Installation of Inverter and Solar Panel"	Mr.V.Karthi, Founder, Sri Annai Saraswathi Pvt. Ltd.	01.07.2023	88

2	How to crack interviews	Mr.G.Praveen, Full Stack Developer, Tata consultancy services, Chennai	12.08.2023	124
3	Tactics for Cracking the Interview	Mr.J.Krishnachander , Aspire Systems, Chennai	02.09.2023	108
4	Challenges and Advantages of Startup Ventures	Mr. P. Megavarman, Entrepreneur, Margronic Contrivance Pvt. Ltd, Puducherry.	09.09.2023	109
5	Recent Technology in Electric Vehicles	Dr. C. Kannan, CEO, Sri Varshini Electronics, Tindivanam	29.09.2023	109
6	Building Stronger Bonds between Academia and Industry	Dr. KARTHICK Director - IIPC Professor EEE Erode Sengunthar Engineering College Perundurai - 638316 Erode District	16.12.2023	108

3.4 Activities for Slow and Advanced Learners

S.No	Name of the Faculty	Name of the Course	Year/ Sem	Batch	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Dr. S. Anbumalar	Professional Elective – IV: Fuzzy Logic and Neural Networks: U20ICCM01	IV/VII	2020 - 2024	Yes	05	Yes
2	Dr. P. Jamuna	Open Elective – IV: Internet of Things: U20ECCM04	IV/VII	2020 - 2024	Yes	05	Yes
3	Dr. M. Susithra	Professional Elective – II: Electrical Energy Audit and Conservation: U20EEE508	III/V	2021 - 2025	Yes	05	Yes
4	Dr. D. Raja	Electric Vehicle Technology: U20EECM02	IV/VII	2020 - 2024	Yes	10	Yes
5	Dr. C. Kalaivani	Electrical Technology: U23EETC01	ECE / I/I	2023 - 2027	Yes	12	Yes
6	Dr. D. Sivaraj	Linear Integrated Circuits: U20EET308	II/III	2022 - 2026	Yes	10	Yes
7	Mr. B. Parthiban	Electric Vehicle Technology: U20EECM02	IV/VII	2020 - 2024	Yes	05	Yes
8	Mr. S. Johnpowl	Electronics – I: U23EET102	I/I	2023 - 2027	Yes	10	Yes
9	Mr. A. Janagiraman.	Power Electronics: U20EET513	III/V	2021 - 2025	Yes	08	Yes
10	Mr. K. Thangaraj	Electrical Machines – II: U20EET307	II/III	2022 - 2026	Yes	10	Yes
11	Mr. D. Durairaj	Professional Elective – IV: Special Electrical Machines: U20EEE720	IV/VII	2020 - 2024	Yes	05	Yes
12	Mr. J. Muruganandham	Data Structures: U20EST356	II/III	2022 - 2026	Yes	10	Yes
13	Mrs. B. Mahalakshmi	Electromagnetic Theory: U20EET309	II/III	2022 - 2026	Yes	10	Yes
14	Mr. K. Arun	Power Plant Engineering: U20EET310	II/III	2022 - 2026	Yes	10	Yes
15	Mr. C. Adrien Perianayagam	Linear Integrated Circuits: U20EET308	II/III	2022 - 2026	Yes	10	Yes
16	Dr.N. Prabavathi	Open Elective – IV:	IV/VII	2020 - 2024	Yes	05	Yes

		Artificial Intelligence: U20CSO705					
17	Ms. N. Swarnalakshmi	Transmission and Distribution: U20EET515	III/V	2021 - 2025	Yes	10	Yes
18	Ms. F. Avila Priya	Power Plant Engineering: U20EET310	II/III	2022 - 2026	Yes	06	Yes
19	Mr. R. Ragupathy	Electrical Machines – II: U20EET307	II/III	2022 - 2026	Yes	10	Yes
20	Mr. A. Narendran	Electrical Engineering: U23EET101	I/I	2023 - 2027	Yes	10	Yes
21	Mr. V. Janakiraman	Electrical Technology: U23EETC01	ECE / I/I	2023 - 2027	Yes	10	Yes
22	Mrs. Y. Bosky	Electromagnetic Theory: U20EET309	II/III	2022 - 2026	Yes	10	Yes
23	Mrs. R.Narmadha	Electronics – I: U23EET102	I/I	2023 - 2027	Yes	10	Yes
24	Mr. K. Manikanda Prabhu	Electrical Technology: U23EETC01	ECE / I/I	2023 - 2027	Yes	10	Yes
25	Mr. I. Shivasankkar	Data Structures: U20EST356	II/III	2022 - 2026	Yes	10	Yes
26	Mr.J.Gnanavel	Basics of Electrical and Electronics Engineering: U23ESTC03	CIVIL/I/I	2023 - 2027	Yes	10	Yes
27	Mr. M. Arul Kumar	Basics of Electrical and Electronics Engineering: U23ESTC03	CSE/I/I	2023 - 2027	Yes	10	Yes
28	Mr. K. Kannan	Basics of Electrical and Electronics Engineering: U23ESTC03	CSE/I/I	2023 - 2027	Yes	10	Yes
29	Ms. V. Vijayasanthi	Basics of Electrical and Electronics Engineering: U23ESTC03	IT/I/I	2023 - 2027	Yes	10	Yes
30	Mrs.K.Kavinelavu	Electrical Technology: U23EETC01	ECE / I/I	2023 - 2027	Yes	10	Yes
31	Mr.S Elanthamizh	Industrial Automation and Control: 20EET720	IV/VII	2020 - 2024	Yes	05	Yes
32	Ms.T.Abinayasaraswathy	Control Systems: U20EET514	III/V	2021 - 2025	Yes	10	Yes
33	Mr.R. Vignesh	Electrical Engineering: U23EET101	I/I	2023 - 2027	Yes	10	Yes
34	Mr. G. Rajavel	Industrial Automation and Control: 20EET720	IV/VII	2020 - 2024	Yes	05	Yes
35	Mr. R.Rajeshkumar	Basics of Electrical and Electronics Engineering: U23ESTC03	IT/I/I	2023 - 2027	Yes	10	Yes
36	Mrs.D.Meena	Basics of Electrical and Electronics Engineering: U23ESTC03	IT/I/I	2023 - 2027	Yes	10	Yes
37	Mrs A.S. Amathullah	Basics of Electrical and Electronics Engineering: U23ESTC03	CSE/I/I	2023 - 2027	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
429	40	1:11

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	<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 Batch: 2020 – 2024 Target: Level 1 Batch: 2021 – 2025 Target: Level 2 Batch: 2022 – 2026 Target: Level 3</p> <p>Attainment Level 1 --→52% and above of Students Secured ≥ B grade Attainment Level 2 --→54% and above of Students Secured ≥ B grade Attainment Level 3 --→56% and above of Students Secured ≥ B grade Batch: 2023 – 2027 Target: Level 3</p>
4	PSO and PO attainment through CO	Yes	–

3.8 Student Performance in End Semester Examination Semester – VII (Batch 2020 – 2024)

Sr. No	Particular	B. Tech
1	Number of Students appeared	124
2	Number of All Clear Students	112
3	Number of Students passed with Distinction	-
4	Number of Students passed with First Class	-
5	Number of Students passed with Second Class	-
6	Number of Students Failed	12
7	Passing Percentage	90.3

Semester – V (Batch 2021 – 2025)

Sr. No	Particular	B. Tech
1	Number of Students appeared	88
2	Number of All Clear Students	73
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	15
7	Passing Percentage	82.9

Semester – III (Batch 2022 – 2026)

Sr. No	Particular	B. Tech
1	Number of Students appeared	108
2	Number of All Clear Students	84
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	24
7	Passing Percentage	77.7%

Semester – I (Batch 2023 – 2027)

Sr. No	Particular	B. Tech
1	Number of Students appeared	109
2	Number of All Clear Students	81
3	Number of Students passed with Distinction	-
4	Number of Students passed with First Class	-
5	Number of Students passed with Second Class	-
6	Number of Students Failed	28
7	Passing Percentage	74.3%

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	429	-
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	47	-
3	Student Exit Survey conducted and Analyzed	Yes	118	-
4	Alumni Feedback conducted and Analyzed	Yes	50	-

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	EEG and EMG signal based control of Transhumeral Robotic Prosthetic Arm using non-negative matrix factorization Algorithms	SERB-POWER Grant	30 lakhs	36 Months (Submitted)

5.2 Consultancy Works

S.No	Name of the Faculty	Title of Project	Funding Agency	Fund Generated	Duration of the Consultancy
1.	Mr.B.Parthiban	The BLDC Motor Torque Enhancement	Lucas TVS Limited	In progress	05.10.2023 to 25.04.2024

5.3 Faculty Publications 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.	2023-2024	Dr. Jamuna. P, Hybrid Simulated Annealing and Spotted Hyena Optimization Algorithm-Based Resource Management and Scheduling in Cloud Environment, International Journal on Wireless Personal Communications, Volume 133, pages 1123–1147, 2023.	SCOPUS, SCIE	-	-	2.2
2.	2022-2023	Dr. Anbumalar .S, Coal Mine Monitoring Robot, International Journal of Scientific Research in Science, Engineering and Technology, Volume(10), Issue(2), PP-346-352, March - April 2023 DOI : https://doi.org/10.32628/IJSRSET	UGC	-	-	-
3.		Dr. Jamuna. P, Design of Intelligent Energy Meter, International Journal of Scientific Research in Science, Engineering and Technology, Volume(10), Issue(2), PP-250-254, March - April 2023 DOI: https://doi.org/10.32628/IJSRSET	UGC	-	-	-
4.		Dr. P. Jamuna, Implementation of A 3 Stage Dc-Dc Multiport Converter for Energy Storage System, International Journal of Scientific Research in Science, Engineering and Technology, Volume(10), Issue(2), PP-423-428, March - April 2023 DOI : https://doi.org/10.32628/IJSRSET	UGC	-	-	-
5.		Dr. D. Raja, PLC Based Automatic Control of Hydraulic Press Machine Using LVDT, International Journal of Scientific Research in Science, Engineering and Technology, Volume(10), Issue(2), PP-363-368, March - April 2023 DOI : https://doi.org/10.32628/IJSRSET	UGC	-	-	-
6.		Adrien Periyamayagam. C, IoT-Based Rural Medical ATM System, International Journal of Scientific Research in Science, Engineering and Technology, Volume(10), Issue(2), PP-237-243, March - April 2023 DOI : https://doi.org/10.32628/IJSRSET	UGC	-	-	-
7.		Adrien Periyamayagam. C, Automated Irrigation System with Internet of Things Capabilities, International Journal of Scientific	UGC	-	-	-

		Research in Science, Engineering and Technology, Volume(10), Issue(2), PP-301-312, March - April 2023 DOI : https://doi.org/10.32628/IJSRSET				
8.		Muruganandham.J , 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	-	-	-
9.		Muruganandham. J , Simplified Integrated Microcontroller Based Assistant, International Journal of Scientific Research in Science, Engineering and Technology, Volume(10), Issue(2), PP-418-422, March - April 2023 DOI : https://doi.org/10.32628/IJSRSET	UGC	-	-	-
10.		Dr .D .Sivaraj , Automatic Power Transformer Tester, International Journal for Multidisciplinary Research, Volume(5), Issue(2), PP-1-8, March - April 2023 DOI: 10.36948/ijfmr.2023.v05i02.2085	UGC	-	-	-
11.		Mr.A.Janagiraman , Offline UPS for Regenerative Loads, International Journal for Multidisciplinary Research, Volume(5), Issue(2), PP-1-8, March - April 2023, https://www.ijfmr.com/papers/2023/2/2377.pdf	UGC	-	-	-
12.		Mr.Ragupathy. R , Implementation of E-Bicycle Using Old Alternator, International Journal of Scientific Research in Science, Engineering and Technology, Volume(10), Issue(2), PP-435-439, March - April 2023 DOI : https://doi.org/10.32628/IJSRSET	UGC	-	-	-
13.		Mr.Shivasankkar. I , Design of onboard EV charger using boost converter with reduced harmonics, International Research Journal of Modernization in Engineering Technology and Science, Volume(05), Issue(4), PP-1414-1417, April 2023	UGC	-	-	-
14.	2021-2022	Dr. M.Jayachandran , K.Prasada Rao, Ranjith Kumar Gatla, C. Kalaivani, C. Kalaiarasy Operational concerns and solutions in smart electricity distribution systems, utilities Policy, vol. 74, pp.101329, 2022. ISSN: 0957-1787.	Science Index	01	-	-

15.		Dr. M.Jayachandran , A Unique Interlinking Converter Control for Hybrid AC/DC Islanded Microgrids, In Sustainable Communication Networks and Application. Springer, pp. 177-186, 2022. ISBN: 978-981-16-6605-6.	Science Index	08	-	-
16.		Dr. M.Jayachandran , Operational planning steps in smart electric power delivery system, Scientific Reports, vol. 11, no. 1, pp. 1-21, 2021. ISSN: 2045-2322.	Science Index	-	-	-
17.		Dr. M.Jayachandran , power-domain NOMA for massive connectivity in smart grid communication networks, Power Electronics and Renewable Energy Systems. Springer, pp. 205-212, 2022. ISBN: 978-981-16-4943-1.	Science Index	01	-	-
18.		Dr. M.Jayachandran , MPC-based power quality solution using energy storage technology for PV based islanded microgrids, Recent Advances in Manufacturing, Automation, Design and Energy Technologies. Springer, pp. 843-851, 2022. ISBN: 978-981-16-4222-7	Science Index	01	-	-
19.		Dr. K. Gowrishankar , 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	-	-	-
20.		Ms.N.Swarnalakshmi , Wireless power transmission for E-Vehicle by mutual coupling,” Strad Research”, Vol 8, Issue 8, Pages: 486 – 49, Aug 2021,ISSN: 0039-2049.	UGC	-	-	-
21.		Dr.S.Anbumalar , A survey on photovoltaic grid system under voltage stability of power grid,” International Journal of advances in engineering and management”, vol. 03(05),. ISSN: 2395-5252. pp.1044-1050, 2021.	UGC	-	-	-
22.		Dr.S.Anbumalar , Microgrid based wind-solar cogeneration using bi-directional voltage source converters,” International Journal of advances in engineering and management”, vol. 03(07),. ISSN: 2395-5252. pp.881-895, 2021.	UGC	-	-	-
23.	2020-2021	Dr.P.Jamuna, Dr.S.Anbumalar and D.Raja , Design and Simulation of Asymmetrical Multilevel Inverter with Reduced Switches, International Journal of Emerging	UGC Approved	-	-	7.95

		Technologies and Innovative Research, Volume 7, Issue .6, pp.1280-1284, 2020 UGC-CARE Approved ISSN: 2349-5162				
24.		P. Jamuna, S. Anbumalar, S. Akashraj, N. Sabarish, A. Anand Jacob Raj, S. Muralidharan, Design & Simulation of Switched Reluctance Motor for E-Vehicle, International Journal of Emerging Technologies and Innovative Research, Vol .7, Issue 7 /2020, pp.760-765. ISSN-2349-5162. UGC Approved ISSN: 2349-5162	UGC Approved	-	-	7.95

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	-
Number of Publication in International Journals	01
Number of Publication in National Conferences	-
Number of Publication in International Conferences	01 (Applied)
Number of Books / Book Chapters	-
Number of Patent (Filed)	08 (Applied)
Number of Patents Granted	-

National Journal

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

International Journal

S. No	Title of the Paper	Name of the Authors	Name of the Journal	Volume, issue, pp, ISBN/ISSN	Indexing
1	Hybrid Simulated Annealing and Spotted Hyena Optimization Algorithm-Based Resource Management and Scheduling in Cloud Environment	Dr.P.Jamuna	International Journal on Wireless Personal Communications	Volume 133, pages 1123-1147, 2023.	SCOPUS, SCIE

National Conference

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

International Conference

S.No	Title of the Paper	Name of the Authors	Name of the Conference	Date	ISBN / ISSN	Publisher
1	Cost – effective Autonomous Industrial Logistics Robot	Mr.Thangaraj K Mr.Janagiraman A Mr.Adrien Perianayagam C Mr.Ragupathy R	2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE 2024)	09 – 10, May 2024	979-8-3503-7156-7	PES Institute of Technology and Management (PESITM), Shivamogga, Karnataka (Applied)

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
1.	Dr. S. ANBUMALAR Dr.P.JAMUNA DINESH KUMAR M HARIHARAN S HEMAMAALAN C KISHORE D	Dr. S. ANBUMALAR Dr.P.JAMUNA DINESH KUMAR M HARIHARAN S HEMAMAALAN C KISHORE D	Coordinative Robots for garment industry	-	-	Applied
2.	Dr. D. RAJA Dr. S. ANBUMALAR DELLI BABU.S ARULEESWARAN.P ATHMAJAN.S SHARAN.S	Dr. D. RAJA Dr. S. ANBUMALAR DELLI BABU.S ARULEESWARAN.P ATHMAJAN.S SHARAN.S	AI Based Shoe Polishing Machine	-	-	Applied
3.	Dr. S. GANESH KUMARAN Mr.S.JOHNPOWL AL ASHFAK.M VIGNESH.K SETHURAM.S THAHAADHAMSHARIF.N	Dr. S. GANESH KUMARAN Mr.S.JOHNPOWL AL ASHFAK.M VIGNESH.K SETHURAM.S THAHAADHAMSHARIF.N	Design and fabrication of weight scaled oil expelling machine	-	-	Applied
4.	Mr. K. THANGARAJ Mr. R. RAGUPATHY ANNAMALAI. E DINESH BABU. A MUTHUKUMARAN. R SATHYANARAYANAN. V	Mr. K. THANGARAJ Mr. R. RAGUPATHY ANNAMALAI. E DINESH BABU. A MUTHUKUMARAN. R SATHYANARAYANAN. V	ML based mechanism using RASPBERRY PI for mother board cleaning application	-	-	Applied
5.	Mr. C. ADRIEN PERIANAYAGAM Dr. S. ANBUMALAR ANAND.M.V DHILIPKUMAR.S RASIN.A THAMARAI SELVAN.S	Mr. C. ADRIEN PERIANAYAGAM Dr. S. ANBUMALAR ANAND.M.V DHILIPKUMAR.S RASIN.A THAMARAI SELVAN.S	Novel Air compressor for oxygen concentrator	-	-	Applied
6.	Dr.P.JAMUNA Mr. C. ADRIEN PERIANAYAGAM Dr. D. SIVARAJ GOKUL S ABDUL RAZAAK A GANESA MURTHY S	Dr.P.JAMUNA Mr. C. ADRIEN PERIANAYAGAM Dr. D. SIVARAJ GOKUL S ABDUL RAZAAK A GANESA MURTHY S	IoT based medical ATM system	-	-	Applied
7.	Mr R.VIGNESH Mr. J. MURUGANANDHAM ARAVINDHAN.A PALEPU SHIVA PRIYADHARSAN.S VASANTHAKUMAR.R	Mr R.VIGNESH Mr. J. MURUGANANDHAM ARAVINDHAN.A PALEPU SHIVA PRIYADHARSAN.S VASANTHAKUMAR.R	RFID based smart trolley for automated billing system	-	-	Applied

Design Patent

S. No	Design number	Publication Date	Title of the invention	Name of Inventor	The Patent Office Journal No.
1.	-	-	Developing a Virtual examination PAD for making the examination simplified	Dr. S. ANBUMALAR Dr. S. GANESHKUMARAN Dr.P.JAMUNA Dr. D. RAJA Mr.A. JANAGIRAMAN LOGESHWARAN V	Applied

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.	SWETHA M	Support Studio Technologies	6 Months	04.11.2023	10.05.2024

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.	Chopper controlled regenerative braking unit for UPS lift application	Akshaya.M Keerthana.R.M Keerthiga.M Suwathy.M.S	EATON power quality private limited, Puducherry	12
2.	Study and Analyze the performance of industrial grid connected solar power plant	Sivaguru.S Kamidi Roopak Chandra Maran Vikas Maran Purushothaman Krishna kumar.R	TIAS energy private limited, Chennai	12
3.	Automatic Mosquito coil stand dropper device	Akash.J Navanithiyam.K Samuel Jabaraj V	Godrej Consumer products private limited, Puducherry (Vimkar Contracts Works LLP)	12
4.	Automatic dimension measuring stopper	Anbarasan.N, Thirumoorthy.T, Latchiyavasan.M	Metal Scope India private limited, Puducherry	12

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	Sri Kailaash Transformers	08.12.2023	I/I/A&B sec (Batch:2023-2027)	109

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.	Lucas TVS, Puducherry	05.10.2023	Guest Lecture, Internship, Industrial Visit, Placement	3 Years
3.	Mangronic Contrivance Pvt. Ltd.	28.08.2022	Internship, In plant Training, Skill Development, Guest Lecture, Consultancy	Long Term

4.	Auro Tech Transformers, Puducherry	2019	Internship, In plant Training, Skill Development, Guest Lecture, Consultancy	Long Term
5.	Abirami Enterprises Pvt. Ltd., Puducherry	2020	Internship, In plant Training, Skill Development, Guest Lecture, Consultancy	Long Term
6.	Surya Enterprises, Puducherry	2020	Internship, In plant Training, Skill Development, Guest Lecture, Consultancy	Long Term
7.	General Electrical and Mechanical works, Puducherry	2020	Internship, In plant Training, Skill Development, Guest Lecture, Consultancy	Long Term
8.	Appasamy Associates, Puducherry	2020	Internship, In plant Training, Skill Development, Guest Lecture, Consultancy	Long Term
9.	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	11
Number of Students opted Higher Studies	5
Number of Entrepreneur	2

7.1 Placements

S. No.	Reg. No.	Name of the student Placed	Company Placed	Salary Package
1.	20UEE080	Yogesh G	Hexaware	6
2.	20UEE079	Vijayalakshmi.B	Renault Nissan	4.25
3.	20UEE005	Praveenkumar.S	Renault Nissan	4.25
4.	20UEE027	Jenifer. F	Socitie General	5.43
5.	20UEE050	Prem Kumar. T	Socitie General	5.43
6.	20UEE067	Srisanthosh. B	TCS (Pega)	3.86
7.	20UEE056	Rozalan. J	TCS (Pega)	3.86
8.	20UEE030	Yugesh. K	TCS (Pega)	3.86
9.	20UEE005	Praveenkumar.S	Visteon Corporation	7
10.	20UEE061	Sedhram. K	Data Patterns	4.2
11.	20UEE070	Swetha M	Support Studio Technologies	4.5

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	Ganesamurthy.S	AMET University	Electro Technical Officer
2	Abiraami .V	Pondicherry University	Master of Business Administration
3	Khaja Moideen .S	Mälardalen University Sweden	M.S in Process and product development
4	Kumaran.S	Drexel University	Electrical and Computer Engineering – MS program
5	Surya Prakash	Drexel University	Electrical and Computer Engineering – MS program
6	Bomidi Pujitha	University of New Haven	MS Electrical Engineering

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	Javeed Ahamed	JA STUDIOUS	Service based company	Cuddalore

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	Design Thinking: Methods for Implementation of Project	EEE Dept & IEEE SB	24.06.2023	National Level	88
2	Hands on Training on “Installation of Inverter and Solar Panel”	EEE Dept & IEEE SB	01.07.2023	National Level	88
3	Introduction to COMSOL Multiphysics	EEE Dept & IEEE SB	01.07.2023	National Level	109
4	VEDIC MATHEMATICS	EEE Dept & IEEE SB	22.07.2023	National Level	109
5	Hands-on training session on on embedded systems, renewable energy systems, electric vehicle technology and programming	EEE Dept & IEEE SB	26.08.2023	National Level	88
6	Hands-on training session on on embedded systems, renewable energy systems, electric vehicle technology and programming	EEE Dept & IEEE SB	16.09.2023	National Level	108
7	Hands-on training session on on embedded systems, renewable energy systems, electric vehicle technology and programming	EEE Dept & IEEE SB	28.10.2023	National Level	108
8	Sensor and its Applications	EEE Dept & IEEE SB	28.10.2023	National Level	109
9	Hands-on training session circuit layout on the PCB using the proteus software	EEE Dept & IEEE SB	23.11.2023	National Level	108
10	Quiz competition on Indian standard	EEE Dept & IEEE SB	23.11.2023	National Level	20

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
-	-	-	-	-	-

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	Soniya V, Karthikeyan P, Jeevasudhan G, Gunapriya S	Smart India Hackathon (SIH) Senior Final Hardware Edition 2023	MHRD	-
2	Lokeshwari.D, Swetha.S Susangati Samantaray	Program Idea: E-Waste Management	Department of Science Technology and Environment (DSTE)	First prize with a cash amount of Rs. 30,000
3	Mukeshkumar R Balakumaran.A Rajesh.M	Program Idea: E-Waste Management	Department of Science Technology and Environment (DSTE)	Second prize with a cash amount Rs. 10,000
4	Mohan Raj, Yogesh G, Kandaluru Yukesh, and Sedhuram K	Program Idea: Plastic Waste Management Hackathon	Department of Science Technology and Environment (DSTE)	First prize, with a cash amount of Rs.30,000
5	Jothikrishanan Yogarajan Tom Tijo Edattakaran Gandham Nagendra Karthik	Program Idea: E-Waste Management	Department of Science Technology and Environment (DSTE)	Second prize with a cash amount Rs. 20,000
6	Praveen Kumar. S, Anbarasan, Srisanthosh. B	The Inventors Challenge 2023	All India Council of Technical Education (AICTE), Arm Education and STMICROELECTRONICS	Received products worth of Rs. 7290 for the development of their project
7	Aarathi. P, Anusha. C, Rajasri. S	The Inventors Challenge 2023	All India Council of Technical Education (AICTE), Arm Education and STMICROELECTRONICS	Received controller Boards worth of Rs. 5083

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
1	Dr.S.Anbumalar	Reviewer invitation for IET Generation , Transmission and Distribution
2	Dr.D.Raja	Reviewer for Journal of the International Measurement Confederation
3	Dr.D.Raja	Reviewer for International Journal of Fuzzy Systems
4	Dr.S.Ganeshkumaran	Reviewer for Renewable & Sustainable energy reviews
5	Mr.K.Thangaraj	Reviewer for Heliyon
6	Mr.K.Thangaraj	Reviewer for Walailak Journal of Science and Technology (Scopus Indexed Journal)
7	Mr.K.Thangaraj	Reviewer for Journal of Education

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

Sl.No	Name of the Faculty	Name of the Awards /Recognition
1.	Mr.A.Janagiraman	Received mentor certificate for Power plant engineering course organized by NPTEL
2.	Mr.A.Janagiraman	Received mentor certificate for Public Speaking course organized by NPTEL
3.	Mr.B.Parthiban	Received mentor certificate for Smart India Hackathon 2023

4.	Mr.B.Parthiban	Received semifinalist certificate the Inventors Challenge 2023
5.	Mr.R.Ragupathy	Received semifinalist certificate the Inventors Challenge 2023

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

Sl. No.	Name of the Faculty	Name of the FDP Training/STTP	Duration (From – To)
1	Dr.G.GaneshKumaran	Design Thinking	8 Weeks
2	Mr.S.John Powl	Power Plant Engineering	12 Weeks
3	Mr.B.Parthiban	Electrical Equipment and Machines: Finite Element Analysis	8 Weeks
4	Mr.K.Thangaraj	Research Methodology	8 Weeks
5	Mr.C.Adrien Perianayagam	Research Methodology	8 Weeks
6	Mr.R.Ragupathy	Availability and management of ground water resources	12 Weeks
7	Mr.R.vignesh	"Power My English -Composite"	1.7.2023-1.8.2023
8	Ms.T.Abinayasaraswathy		
9	Mr.S.Elanthamizh		
10	Dr.D.Sivaraj		
11	Mr.I.Shivasankar		
12	Mr.A.Janagiraman		
13	Ms.T.Abinayasaraswathy	Online Training on "Digital Wellness"	2.10.2023 -6.10.2023
14	Ms.T.Abinayasaraswathy	National Faculty Development on Frontier Research in Electrical Engineering	18.9.2023 -22.9.2023
15	Mr.R.Rajavel	Energy Literacy Training	1.9.2023
16	Mr.R.Rajavel	Outcome based Education for Effective Learning and Teaching	19.7.2023-27.7.2023
17	Mr.R.Rajavel	Recent Trends in Green Energy Initiative and soft computing techniques	11.7.2023-15.7.2023
18	Mr.R.Rajavel	National Level FDP on Cloud Infrastructure	21.8.2023 -25.8.2023
19	Mr.K.Thangaraj	Outcome based Education for Effective Learning and Teaching	19.7.2023-27.7.2023
20	Mr.K.Thangaraj	Recent Trends in Green Energy Initiative and soft computing techniques	11.7.2023-15.7.2023
21	Mr.R.Vignesh	Virtual and Interdisciplinary FDP on "Challenges and Opportunities in Electric Vehicle"	9.10.2023 to 14.10.2023
22	Mr.R.Vignesh	National Faculty Development on Frontier Research in Electrical Engineering	18.9.2023 -22.9.2023
23	Mr.R.Vignesh	Recent Trends in Green Energy Initiative and soft computing techniques	11.7.2023-15.7.2023
24	Mr.R.Vignesh	Online Training on "Digital Wellness"	2.10.2023 -6.10.2023
28	Mr.B.Parthiban	Universal Human Values -I	21.8.2023 to 25.8.2023
29	Dr.P.Jamuna	Matlab Onramp	09.08.2023
	Dr.D.Raja		
	Dr. S. Ganesh Kumaran		
	Dr. D. Sivaraj		
	Mr. B. Parthiban		
	Mr. S. Johnpowl		
	Mr. A. Janagiraman.		
	Mr. K. Thangaraj		
	Mr. J. Muruganandham		
	Mr. C. Adrien Perianayagam		
	Mr. R. Ragupathy		
	Mr. I. Shivasankkar		
	Mr. G. Rajavel		
	Mr.R. Vignesh		
Ms.T.Abinayasaraswathy			

30	Dr.P.Jamuna	Simulink Onramp	10.08.2023
	Dr.D.Raja		
	Dr. S. Ganesh Kumaran		
	Dr. D. Sivaraj		
	Mr. B. Parthiban		
	Mr. S. Johnpowl		
	Mr. A. Janagiraman.		
	Mr. K. Thangaraj		
	Mr. J. Muruganandham		
	Mr. C. Adrien Perianayagam		
	Mr. R. Ragupathy		
	Mr. I. Shivasankkar		
	Mr. G. Rajavel		
	Mr.R. Vignesh		
31	Ms.T.Abinayasaraswathy	Circuit Simulation Onramp	13.08.2023
	Dr.P.Jamuna		
	Dr.D.Raja		
	Dr. S. Ganesh Kumaran		
	Dr. D. Sivaraj		
	Mr. B. Parthiban		
	Mr. S. Johnpowl		
	Mr. A. Janagiraman.		
	Mr. K. Thangaraj		
	Mr. J. Muruganandham		
	Mr. C. Adrien Perianayagam		
	Mr. R. Ragupathy		
	Mr. I. Shivasankkar		
	Mr. G. Rajavel		
Mr.R. Vignesh			
32	Ms.T.Abinayasaraswathy	Power Electronics Simulation Onramp	13.08.2023
	Dr.P.Jamuna		
	Dr.D.Raja		
	Dr. S. Ganesh Kumaran		
	Dr. D. Sivaraj		
	Mr. B. Parthiban		
	Mr. S. Johnpowl		
	Mr. A. Janagiraman.		
	Mr. K. Thangaraj		
	Mr. J. Muruganandham		
	Mr. C. Adrien Perianayagam		
	Mr. R. Ragupathy		
	Mr. I. Shivasankkar		
	Mr. G. Rajavel		
Mr.R. Vignesh			

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. Jamuna)

2000



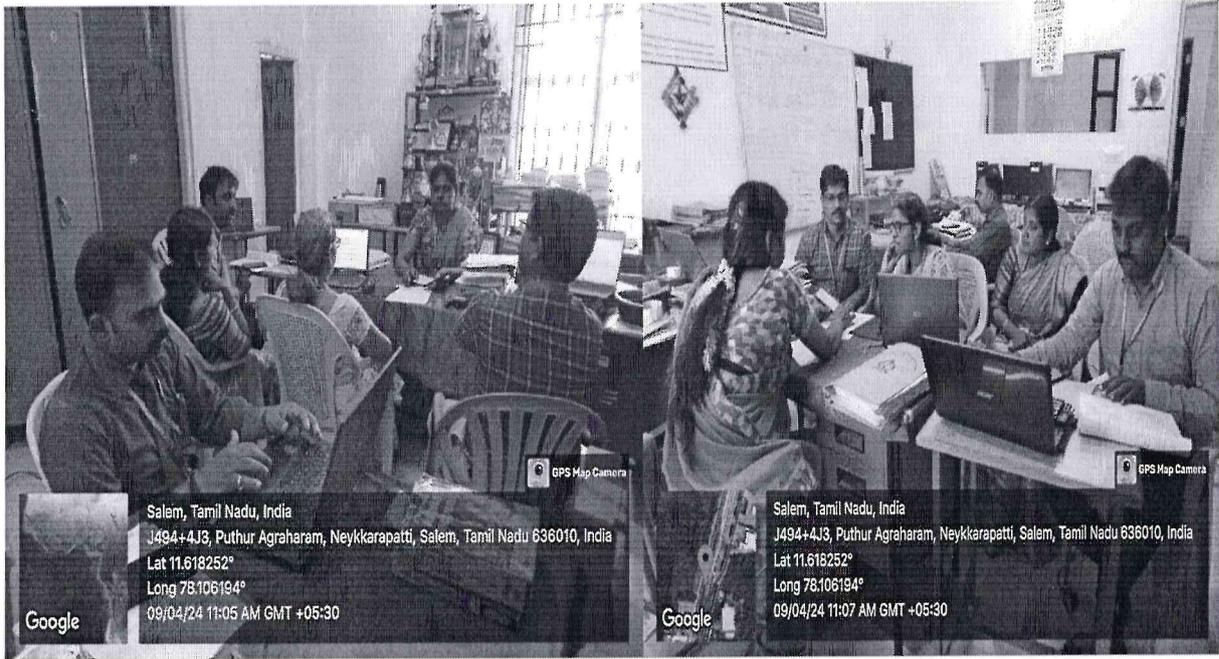
Recommendations:

Section	Remarks
Curricular Aspects	All necessary documents relevant to curricular aspects are in place.
Teaching, Learning and Evaluation	<ul style="list-style-type: none">♦ The department is conducting activities for Advanced Learners and Slow Learners, sample evidence copy may be kept in the department.♦ Mentoring record sheets need to be added chronologically as the student progresses to the higher semesters.
Structured Feedback	Feedback from the stake holders is available.
Research, Innovation and Publications	All records relevant to research, innovation and publication are available. Most of the publications are UGC indexed, SCI indexed publications may be improved.
Collaborations and Linkages	Documents for collaboration and linkages are in place. Supporting documents for collaborative activities are available.
Student Progression	The ID cards/ Admission letters of students' higher studies were exhibited by the department.
Activities Conducted Organized by the Department	Activities reports of department events were verified.
Achievements	The evidences of students/staff achievements were exhibited by the department.
General Remarks	The department is functioning well and maintains all the records.

Signature of the Internal Academic Audit Experts

Dr. R. Jayabarathi
Associate Professor
Department of Mechanical Engineering,
SMVEC

Dr. K. Lakshmi,
Professor, Department of Information
Technology, SMVEC



*Internal Audit was conducted for Department of Electrical and Electronics Engineering by internal expert members
Dr. K. LAKSHMI Professor/Dept of IT & **Dr. R.Jayabharathi** Associate Professor/Dept of Mech on 10.04.2024*

Signature of the Internal Academic Audit Experts

Dr. K. LAKSHMI

Professor

Department of Information Technology
 Sri Manakula Vinayagar Engineering College,
 Puducherry

Dr. R. Jayabharathi

Associate Professor

Department of Mechanical Engineering
 Sri Manakula Vinayagar Engineering College,
 Puducherry

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11/11/11

11/11/11



**SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE**

An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107



INTERNAL QUALITY ASSURANCE CELL

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year ODD 2023-2024)

SECTION -1 : BASIC INFORMATION

Audit Date	10.4.24		
Name of the Department	Electronics and Communication Engineering		
Year of Establishment	1999		
Programs Offered	Name of the Program		Approved Intake
	B. Tech –Electronics and Communication Engineering		240
	M. Tech- Electronics and Communication Engineering		12
	M. Tech-VLSI & ES		24
Head of the Department	Dr.P.Raja		
Number of full time Teachers	Professor	5	
	Associate Professor	17	
	Assistant Professor	32	
Number of Technical Staff			
Number of Students	For B.Tech:		For M.Tech
	Year	Strength	Year Courses Strength
	First Year	224	First Year ECE Nil
	Second Year	244	Year VLSI&ES 03
	Third Year	226	Second Year ECE 01
	Fourth Year	217	Year VLSI&ES 01
	Total	911	Total 05
Faculty Student Ratio	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 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.R.Kurinjimalar	Course Design and Revision	Circuits and Networks	I / I
2	Dr.S.Dhivya	Course Design and Revision	Design Thinking and Idea Laboratory	I / I
3	Dr.R.Kurinjimalar	Course Design and Revision	Circuits and Networks Laboratory	I / I
4	Mr.Sundar Mohan	Course Design and Revision	Electron Devices	I / II
5	Mr.Sundar Mohan	Course Design and Revision	Electron Devices Laboratory	I / II
6	Mr.P. Arunagiri	Course Design and Revision	Analog Electronic Circuits	II / III
7	Dr.R. Kurunjimalar	Course Design and Revision	Digital Electronic Circuits	II / III
8	Mrs.S.Jayanthi	Course Design and Revision	Signals and Systems	II / III
9	Dr.R. Kurunjimalar	Course Design and Revision	Electromagnetic Field Theory	II / III
10	Mr.P. Arunagiri	Course Design and Revision	Analog Electronic Circuits Laboratory	II / III
11	Dr.R. Kurunjimalar	Course Design and Revision	Digital Electronic Circuits Laboratory	II / III
12	Dr. S. Premkumar	Course Design and Revision	Analog and Digital Communication Systems	II / IV
13	Mr.P. Arunagiri	Course Design and Revision	Linear Integrated Circuits	II / IV
14	Dr. S. Premkumar	Course Design and Revision	Communication Systems Laboratory	II / IV
15	Mr.P. Arunagiri	Course Design and Revision	Linear Integrated Circuits Laboratory	II / IV
16	Dr.A.Jayachitra	Course Design and Revision	Wireless Communication	III / V
17	Dr.S.AshokKumar / Mr .K.Vijayakumar	Course Design and Revision	Microcontroller	III / V
18	Dr.R. Ramya	Course Design and Revision	Digital Signal Processing	III / V
19	Dr.A.Jayachitra	Course Design and Revision	Wireless Communication Laboratory	III / V
20	Dr.S.AshokKumar / Mr.K.Vijayakumar	Course Design and Revision	Microcontroller Laboratory	III / V
21	Dr.R. Ramya	Course Design and Revision	Digital Signal Processing Laboratory	III / V
22	Dr.A.Jayachitra	Course Design and Revision	Control System Engineering	III / VI
23	Dr.S.AshokKumar / Mr .K.Vijayakumar	Course Design and Revision	Digital VLSI System Design	III / VI

24	Dr.R. Ramya	Course Design and Revision	Digital Image Processing	III / VI
25	Dr.P. Arunagiri	Course Design and Revision	Transmission Lines & Antennas	III / VI
26	Dr.A.Jayachitra	Course Design and Revision	VLSI Design Laboratory	III / VI
27	Dr.S.AshokKumar / Mr.K.Vijayakumar	Course Design and Revision	Digital Image Processing Laboratory	III / VI
28	Dr.R. Ramya	Course Design and Revision	Electronic Design Workshop	III / VI
22	Dr. D. Jagadeeswary / Mrs.V. Logisvary	Course Design and Revision	Millimeter and Optical Wave Communication	IV / VII
23	Dr. J.Pradeep	Course Design and Revision	Internet of Things	IV / VII
24	Dr.R. Ramya	Course Design and Revision	Business Basics for Entrepreneur	IV / VII
25	Dr. D. Jagadeeswary / Mrs.V. Logisvary	Course Design and Revision	High Frequency Communication Laboratory	IV / VII
26	Dr.R. Kurunjimalar	Course Design and Revision	Internet of Things Laboratory	IV / VII
27	Dr.R. Ramya	Course Design and Revision	Comprehensive Viva Voce	IV / VII
28	Dr.R. Kurunjimalar	Course Design and Revision	Cyber Physical System and Security	IV / VIII
29	Dr. S. B. Lenin	Course Design and Revision	Entrepreneurship Management	IV / VIII

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	II / IV	Computer Networks	U20ECE401	62
2	II / IV	Sensors for Industrial Applications	U20ECE402	60
3	II / IV	Computer Architecture	U20ECE403	61
4	II / IV	PLC and SCADA Systems and its Applications	U20ECE404	61
6	III / V	Hardware Description Languages	U20ECE506	51
7	III / V	Vehicular Communication	U20ECCM01	63
8	III / V	Industry 4.0 Technology	U20ECE508	112
11	III / VI	Low Power VLSI Design	U20ECE611	54
12	III / VI	Aircraft communication and Navigation Systems	U20ECE612	120
13	III / VI	Nano- electronics and Devices	U20ECE613	52
16	IV / VII	Satellite Communication	U20ECCM05	64
17	IV / VII	Fuzzy logic and Neural Network	U20ICCM01	93
18	IV / VII	Wireless Sensor Networks	U20ECE720	60
20	IV / VIII	Machine Learning for Wireless Communication	U20ECE822	60
21	IV / VIII	Virtual and Augmented Reality	U20ECE823	106
22	IV / VIII	Real Time Systems	U20ECE825	51

23	IV / VIII	VLSI for Communication Systems	U20ECE826	60
24	IV / VIII	5G Wireless Communication Systems	U20ECE827	60
25	IV / VIII	Biomedical Electronics	U20ECE828	49
26	IV / VIII	Hardware Software Co-design	U20ECE830	48

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	II / IV	IT	R Programming	U20ITO402	60
2	II / IV	CSE	Web Development	U20CSO401	62
3	II / IV	AIDS	Introduction to Data Science	U20ADO402	62
4	II / IV	CCE	Basic DBMS	U20CCO401	60
5	III / V	MBA	Marketing management and research	U20HSO503	56
6	III / V	MBA	Product development and design	U20HSO501	170
9	III / VI	AIDS	Principle of Artificial Intelligence and Machine Learning	U20ADO603	60
10	III / VI	IT	Mobile App Development	U20ITO604	60
11	III / VI	CCE	Web Programming	U20CCO604	53
12	III / VI	CSE	Graphics Designing	U20CSO604	53
13	IV / VII	CCE	Data Science using python	U20CCO705	62
14	IV / VII	BME	Internet of Things for Healthcare	U20BMO705	116
15	IV / VII	MECH	Supply Chain Management	U20MEO707	39

2.5 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	II / IV	CCNA (Wireless)	U20ECC427	42
2		Cloud Computing	U20ECC428	79
3		Cyber Security	U20ECC432	106
4	III / V	Artificial Intelligence	U20ECC509	60
5		Data Science using R	U20ECC535	46
6		Embedded System with IoT	U20ECC545	120
7	III / V	Android Programming	U20ECC507	36
8		Block Chain	U20ECC521	75
9		Web Programming - I	U20ECC590	106

2.6 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-I	U23ECM101	224
2	II/IV	Physical Education	U20ECM303	244
3	III/V	Indian Constitution	U20ECM505	226
4	IV/VII	Professional Ethics	U20ECM707	217

2.7 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	PCB Design	U19ECS42	244

SECTION -3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

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	Mr.A.Balamurugan	60	60	59
		B	Mr.A.Balamurugan			
		C	Mr.A.Balamurugan			
		D	Mrs.M.Subathra			
2	Physical Science for Engineers / U23BSTC01	A	Mr.K.Oudhayakumar / Dr.S.Savithri	45	45	48
		B	Mr.K.Oudhayakumar / Dr.S.Savithri			
		C	Mr.K.Oudhayakumar / Mrs.S.Pameswari			
		D	Mr.K.Oudhayakumar / Mrs.S.Pameswari			
3	Basics of Civil and Mechanical Engineering / U23ESTC01	A	Mr.V.Murugappan / Mr.N.Prakash kumar	45	45	46
		B	Mr.V.Murugappan / Mr.N.Prakash kumar			
		C	Mr.V.Murugappan / Mr.G.Harish			
		D	Mr.V.Murugappan / Mr.G.Harish			
4	Electrical Technology / U23EETC01	A	Mr.J.Gnanavel	45	45	48
		B	Dr.D.Sivaraj			
		C	Mr.S.Elanthamizh			
		D	Mr.G.Rajavel			
5	Circuits and Networks / U23ECT101	A	Dr.S.Dhivya	60	60	64
		B	Mr.M.Harikrishnan			
		C	Mr.K.Jambulingam	60	60	63
		D	Ms.R.Priya			
6	Communicative English - I / U23ENBC01	A	Mrs.G.Namitha	60	60	60
		B	Mrs.G.Namitha			
		C	Mrs.G.Namitha			

		D	Ms.Gejalakshmi			
7	Design Thinking and IDEA Lab / U23ESPC02	A	Mr.M.Harikrishnan	30	30	33
		B	Mr.K.Jambulingam			
		C	Ms.R.Priya			
		D	Dr.S.Dhivya			
8	Electrical Technology Laboratory/ U23EEPC01	A	Mr.J.Gnanavel	30	30	33
		B	Dr.D.Sivaraj			
		C	Mr.S.Elanthamizh			
		D	Mr.G.Rajavel			
9	Circuits and Networks Laboratory / U23ECP101	A	Dr.S.Dhivya	30	30	33
		B	Mr.M.Harikrishnan			
		C	Mr.K.Jambulingam			
		D	Ms.R.Priya			

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	Numerical Methods and Optimization / U20BST321	A	Dr.S.Rajakumar	60	60	64
		B	Dr.S.Rajakumar			66
		C	Dr.S.Rajakumar			68
		D	Ms.S.Revathi			66
2	Data Structures / U20EST356	A	Ms.C.Karthiga	45	45	48
		B	Mr.M.Prakash			47
		C	Ms.N.Pavithra			48
		D	Ms.P.Nirmala devi			46
3	Analog Electronic Circuits / U20ECT303	A	Mrs.V.Logisvary	60	60	67
		B	Mrs.S.Anbarasi			68
		C	Mrs.S.Anbarasi			67
		D	Dr.R.Vijayarani			65
4	Digital Electronic Circuits / U20ECT304	A	Mr.S.Mohanram	45	45	48
		B	Dr.P.Raja			49
		C	Mrs.T.S.Krishnapriya			47
		D	Mr.V.M.Navaneethakrishnan			48
5	Signals and Systems/ U20ECT305	A	Dr.P.Arunagiri	60	60	62
		B	Mrs.S.Jayanthi			64
		C	Dr.R.Kurinjimalar			66
		D	Mrs.S.Jayanthi			65
6	Electromagnetic Field Theory/ U20ECT306	A	Dr.R.Ramya	45	45	48
		B	Mrs.T.S.Krishnapriya			48
		C	Mr.P.Mahendrapuruman			46
			Dr.A.Jayachitra			

7	General Proficiency - I / U20HSP301	A	Ms.Mahalakshmi	30	30	30
		B	Ms.Mahalakshmi			30
		C	Ms.Mahalakshmi			30
		D	Ms.R.Gejalakshmy			30
8	Data Structures Laboratory / U20ESP357	A	Ms.C.Karthiga	30	30	36
		B	Mr.M.Prakash			36
		C	Ms.N.Pavithra			36
		D	Ms.P.Nirmala devi			33
9	Analog Electronic Circuits Laboratory / U20ECP303	A	Mrs.V.Logisvary	30	30	36
		B	Mrs.S.Anbarasi			36
		C	Mrs.S.Anbarasi			36
		D	Dr.R. Vijayarani			33
10	Digital Electronic Circuits Laboratory / U20ECP304	A	Mr.S.Mohanram	30	30	36
		B	Dr.P.Raja			36
		C	Mrs.T.S.Krishnapriya			36
		D	Mr.V.M.Navaneethakrishnan			36

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	Mrs.U.Chitra	60	60	68
		B	Mrs.U.Chitra			68
		C	Mrs.U.Chitra			68
2	Wireless Communication/U20ECT509	A	Mr.J.Soundararajan	45	45	46
		B	Dr. J. Pradeep			48
		C	Ms.B.Menaga			48
3	Microcontroller/U20ECT510	A	Dr.R.Kurinjimalar	45	45	50
		B	Dr.A.Jayachitra			50
		C	Mr.S. Ganesan			50
4	Digital Signal Processing/U20ECT511	A	Mr.P.Mahendra Peruman	60	60	62
		B	Mr.P.Suseendhar			66
		C	Mrs.P. Srividhya			68
5	Hardware Description Languages/U20ECE506	A	Mr.S.Mohanram	45	45	48
	Vehicular Communication/U20ECCM01	B	Dr.R. Vijayarani			46

	Industry 4.0 Technology/U20ECE 508	C	Dr.Vankayala Chethan Prakash			47
	Industry 4.0 Technology/U20ECE 508	D	Mrs.V.Logisvary			48
6	Product Development and Design/U20HSO501	A	Mrs.R.Sureka	45	45	48
	Product Development and Design/U20HSO501	B	Mrs.G.Ramya			50
	Project Management for Engineers/U20HSO50 4	C	Mrs.Angelamary			46
	Marketing Management and Research/U20HSO50 3	D	Mr.R.Anbarasan			46
	Statistical Methods Laboratory/U20BSP5 45	A	Mrs.U.Chitra	30	30	33
		B	Mrs.U.Chitra			33
		C	Mr.A.Anandan			33
7	Wireless Communication Laboratory/U20ECP5 07	A	Mr.J.Soundararajan	30	30	33
		B	Dr. J. Pradeep			33
		C	Mr.R. Kalaiyarasan			33
8	Microcontroller Laboratory/U20ECP5 08	A	Dr.R.Kurinjimalar	30	30	33
		B	Dr.A.Jayachitra			33
		C	Mr.S. Ganesan			33
9	Digital Signal Processing Laboratory/U20ECP5 09	A	Mr.P.Mahendra Peruman	30	30	33
		B	Mr.P.Suseendhar			33
		C	Mrs.P. Srividhya			33

Semester : VII

S.No	Name of the Course / Code	Section	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lecture s / Practic al hours as per Lesson Plan	No. of Lecture s / Practica l hours conduct ed
1	Millimeter and Optical	A	Dr.R.Ramya	45	45	48

	Wave Communication / U19ECT71	B	Dr.N.Saranya			45
		C	Dr. P. Arunagiri			45
2	Internet of Things / U19ECT72	A	Mrs.R.Gayathri	45	45	48
		B	Dr. S. B. Lenin			48
		C	Dr. S.Ashok kumar			47
3	Satellite Communication	A	Mr.R.Kalaiyaran	45	45	48
	Fuzzy logic and Neural Network (A)	B	Mrs.R.Gayathri			45
	Fuzzy logic and Neural Network (B)	C	Mr.J.Soundararajan			45
	Wireless Sensor Networks	D	Mr.Suseendhar. P			45
4	Internet of Things for Healthcare (A)	A	Mr. V. M. Navaneethakrishnan	45	45	46
	Internet of Things for Healthcare (B)	B	Mr.M.Vadivelan			48
	Data Science using python	C	Mr.J.Saravanan			48
	Supply Chain Management	D	Mr.D.Karunakaran			46
5	Business Basics for Entrepreneur	A	Mr.Elamurugan	45	45	48
		B	Dr.S.Pougajendy			
		C	Ms.Visalakshi			
7	High Frequency Communication Laboratory /U20ECP507	A	Dr.R.Ramya			30
		B	Dr.N.Saranya			30
		C	Dr. P. Arunagiri			30
8	Internet of Things Laboratory /U20ECP508	A	Mrs.R.Gayathri	30	30	30
		B	Dr. S. B. Lenin			30
		C	Dr. S.Ashok kumar			30
9	Comprehensive Viva Voce	A	Mrs.R.Augastiny	30	30	30
		B	Ms.B.Menaga			30
		C	Mrs.R.Augastiny			30
10	Project Phase – I	A	Dr.N.Saranya	30	30	30
		B	Mr.R.Kalaiyaran			
		C	Dr.S.Ashok kumar			

3.2 Use of ICT Tools in Teaching Learning

Semester: I

S.No	Section	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	A	Mr.A.Balamurugan	Engineering Mathematics - I	Digital Board
	B	Mr.A.Balamurugan		
	C	Mr.A.Balamurugan		
	D	Mrs.M.Subathra		
2	A	Dr.K.Oudhayakumar	Physical Science for Engineers	Power Point Presentation
		Dr.S.Savithri		

	B	Dr.K.Oudhayakumar		
		Dr.S.Savithri		
	C	Dr.K.Oudhayakumar		
		Mrs.S.Pameswari		
	D	Dr.K.Oudhayakumar		
		Mrs.S.Pameswari		
3	A	Mr.V.Murugappan	Basics of Civil and Mechanical Engineering	Power Point Presentation
		Mr.N.Prakash kumar		
	B	Mr.V.Murugappan		
		Mr.N.Prakash kumar		
	C	Mr.V.Murugappan		
		Mr.G.Harish		
D	Mr.V.Murugappan			
	Mr.G.Harish			
4	A	Mr.J.Gnanavel	Electrical Technology	Power Point Presentation
	B	Dr.D.Sivaraj		
	C	Mr.S.Elanthamizh		
	D	Mr.G.Rajavel		
5	A	Dr.S.Dhivya	Circuits and Networks	Digital Board
	B	Mr. M. Harikrishnan		
	C	Mr.K.Jambulingam		
	D	Ms.R.Priya		
6	A	Mrs.G.Namitha	Communicative English - I	Power Point Presentation
	B	Mrs.G.Namitha		
	C	Mrs.G.Namitha		
	D	Ms.Gejalakshmi		
7	A	Mr.M.Harikrishnan	Design Thinking and IDEA Lab	Video Lecture
	B	Mr.K.Jambulingam		
	C	Ms.R.Priya		
	D	Dr.S.Dhivya		
8	A	Mr.J.Gnanavel	Electrical Technology Laboratory	Video Lecture
	B	Dr.D.Sivaraj		
	C	Mr.S.Elanthamizh		
	D	Mr.G.Rajavel		
9	A	Dr.S.Dhivya	Circuits and Networks Laboratory	Video Lecture
	B	Mr. M. Harikrishnan		
	C	Mr.K.Jambulingam		
	D	Ms.R.Priya		

Semester: III

S.No	Section	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	A	Dr.S.Rajakumar	Numerical Methods and Optimization	Digital Board
	B	Dr.S.Rajakumar		
	C	Dr.S.Rajakumar		
	D	Ms.S.Revathi		
2	A	Ms.C.Karthiga	Data Structures	Power Point Presentation
	B	Mr.M.Prakash		
	C	Ms.N.Pavithra		
	D	Ms.P.Nirmala devi		
3	A	Mrs.V.Logisvary	Analog Electronic Circuits	Power Point Presentation
	B	Mrs.S.Anbarasi		

	C	Mrs.S.Anbarasi		
	D	Dr.R.Vijayarani		
4	A	Mr.S.Mohanram	Digital Electronic Circuits	Digital Board
	B	Dr.P.Raja		
	C	Mrs.T.S.Krishnapriya		
	D	Mr.V.M.Navaneethakrishnan		
5	A	Dr.P.Arunagiri	Signals and Systems	Virtual Lab
	B	Mrs.S.Jayanthi		
	C	Dr.R.Kurinjimalar		
	D	Mrs.S.Jayanthi		
6	A	Dr.R.Ramya	Electromagnetic Field Theory	Power Point Presentation
	B	Mrs.T.S.Krishnapriya		
	C	Mr.P.Mahendra peruman		
	D	Dr.A,Jayachitra		
7	A	Ms.C.Karthiga	Data Structures Laboratory	Video Lecture
	B	Mr.M.Prakash		
	C	Ms.N.Pavithra		
	D	Ms.P.Nirmala devi		
8	A	Mrs.V.Logisvary	Analog Electronic Circuits Laboratory	Video Lecture
	B	Mrs.S.Anbarasi		
	C	Mrs.S.Anbarasi		
	D	Dr.R.Vijayarani		
9	A	Mr.S.Yuvaraj	Digital Electronic Circuits Laboratory	Video Lecture
	B	Mrs.S.Jayanthi		
	C	Mrs.T.S.Krishnapriya		
	D	Mr.V.M.Navaneethakrishnan		
10	A	Ms.Mahalakshmi	General Proficiency-I	Virtual Lab
	B	Ms.Mahalakshmi		
	C	Ms.Mahalakshmi		
	D	Ms.R.Gajalakshmi		
11	A	Mr.K.Jambulingam	Skill-PCB Design	Power Point Presentation
	B	Ms.R.Priya		
	C	Mr. M. Harikrishnan		
	D	Dr.S.Dhivya		

Semester: V

S.No	Section	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	A	Mrs.U.Chitra	Statistical Methods for Engineers	Power Point Presentation
	B	Mrs.U.Chitra		
	C	Mrs.U.Chitra		
2	A	Mr.J.Soundararajan	Wireless Communication	Power Point Presentation
	B	Dr.J.Pradeep		
	C	Mr.R. Kalaiyarasan		
3	A	Dr.R.Kurinjimalar	Microcontroller	Power Point Presentation
	B	Dr.A.Jayachitra		
	C	Mr.S. Ganesan		
4	A	Mr.P.Mahendra Peruman	Digital Signal Processing	Power Point Presentation
	B	Mr.P.Suseendhar		
	C	Mrs.P. Srividhya		
5	A	Mr.S.Mohanram	Hardware Description Languages	Power Point Presentation
	B			
	C			

6	A	Dr.R. Vijayarani	Vehicular Communication	Power Point Presentation
	B			
	C			
7	A	Dr.Vankayala Chethan Prakash	Industry 4.O Technology (A)	Power Point Presentation
	B			
	C			
8	A	Mrs.V.Logisvary	8 Industry 4.O Technology (B)	Power Point Presentation
	B			
	C			
9	A	Mrs.R.Sureka	Product development and design	Video Lecture
	B	Mrs.G.Ramya		
	C	Mrs.Angelamary		
12	A	Mr.R.Anbarasan	Marketing management and research	Virtual Lab
	B			
	C			
13	A	Mrs.U.Chitra	Statistical Methods Laboratory	Power Point Presentation
	B	Mr.A.Anandan		
	C			
14	A	Mr.J.Soundararajan	Wireless Communication Laboratory	Virtual Lab
	B	Dr.J.Pradeep		
	C	Mr.R. Kalaiyarasan		
15	A	Dr.R.Kurinjimalar	Microcontroller Laboratory	Video Lecture
	B	Dr.A.Jayachitra		
	C	Mr.S. Ganesan		
16	A	Mr.P.Mahendra Peruman	Digital Signal Processing Laboratory	Virtual Lab
	B	Mr.P.Suseendhar		
	C	Mrs.P.Srividdhya		
16	A	Dr.P.Arunagiri	Career and Professional Skill Development Program – I	Video Lecture
	B	Mr.P.Suseendhar		
	C	Mr.R.Kalaiyarasan		
17	A	Dr.Vankayala Chethan Prakash	Presentation Skills using ICT	Video Lecture
	B	Dr.R.Vijayarani		
	C	Mrs.P.Srividdhya		
18	A	Dr.R.Ramya	Indian Constitution	Power Point Presentation
	B	Dr.A.Jayachitra		
	C	Dr.R.Kurinjimalar		

Semester: VII

S.No	Section	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	A	Dr.R.Ramya	Millimeter and Optical Wave Communication	Digital Board
	B	Dr.N.Saranya		
	C	Dr.P.Arunagiri		
2	A	Mrs.R.Gayathri	Internet of Things	Power Point Presentation
	B	Dr.S.B.Lenin		
	C	Dr. S.Ashok kumar		
3	A	Mr.R.Kalaiyarasan	Satellite Communication	Power Point Presentation
	B			
	C			
4	A	Mrs.R.Gayathri	Fuzzy logic and Neural Network	Digital Board
	B	Mr.J.Soundararajan		

	B			
6	A	Mr.Suseendhar.P	Wireless Sensor Networks	Power Point Presentation
	B	Mr.Suseendhar.P		
	C	Mr.Suseendhar.P		
7	A	Mr. V. M. Navaneethakrishnan	Internet of Things for Healthcare	Power Point Presentation
	B	Mr.M.Vadivelan		
9	A	Mr.J.Saravanan	Data Science using python	Virtual Lab
	B			
	C			
10	A	Mr.D.Karunakaran	Supply Chain Management	Power Point Presentation
	B			
	C			
12	A	Mr.Elamurugan	Business Basics for Entrepreneur	Power Point Presentation
	B	Dr.S.Pougajendy		
	C	Ms.Visalakshi		
13	A	Dr.R.Ramya	High Frequency Communication Laboratory	Power Point Presentation
	B	Dr.N.Saranya		
	C	Dr.P.Arunagiri		
14	A	Mrs.R.Gayathri	Internet of Things Laboratory	Power Point Presentation
	B	Dr.S.B.Lenin		
	C	Dr. S.Ashok kumar		
15	A	Mrs.R.Augastiny	Comprehensive Viva Voce	Power Point Presentation
	B	Ms.B.Menaga		
	C	Mrs.R.Augastiny		
16	A	Dr.N.Saranya	Project Phase-I	Power Point Presentation
	B	Mr.R.Kalaiyaran		
	C	Dr.S.Ashok kumar		
17	A	Mrs.R.Gayathri	Internship	Power Point Presentation
	B	Mr.J.Soundararajan		
	C	Mr.R. Kalaiyaran		
18	A	Mrs.R.Gayathri	Professional Ethics	Power Point Presentation
	B	Mr.S.Ganesan		
	C	Mr.S.Pushparaj		

Semester : I (M.TECH – VLSI & ES)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr. T. Gayathri	P23MAT102/Applied Mathematics for VLSI	Digital Board
2	Dr.J.Pradeep	P23VET101/Electronic Design Automation Tools	Power Point Presentation
3	Ms.B.Menaga	P23VET102/FPGA Based System Design	Power Point Presentation
4	Mrs.S.Anbarasi	P23VET103/VLSI Design Techniques	Power Point Presentation
5	Mrs.P.Srividdhya	P23HSTC01/Research Methodology and IPR	Power Point Presentation
6	Mr.S.Yuvaraj	P23VEE102/Professional Elective – I VLSI Architecture	Power Point Presentation
7	Mrs.S.Anbarasi	P23VEP101/VLSI Design Laboratory	Virtual Lab
8	Dr. VankayalaChethanPrakash	P23HSTC02/Technical Report Writing and Seminar	Power Point Presentation

Semester : III (M.TECH – VLSI & ES)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.S.B.Lenin	P20VEE320/Professional Elective -IV Cloud Computing and Distributed System	Digital Board
2	J.Soundararajan	P20VEE321/Professional Elective - V: Advanced Embedded System	Power Point Presentation
3	Dr.J. Pradeep	P20VEE330/Professional Elective - VI: RISC Processor Architecture and Programming	Power Point Presentation
4	Dr.J. Pradeep	P20VEW301/Project Phase I	Power Point Presentation
5	Dr.J. Pradeep	P20VEW302/Internship	-

Semester : III(M.TECH -ECE)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.S.Anbarasi	P20ECE318/Professional Elective -IV RF and Microwave Circuit Design	Power Point Presentation
2	Mr.V.M.Navaneethakrishnan	P20ECE323/Professional Elective -V Cognitive Radio Technology	Power Point Presentation
3	Mr.P.MahendraPeruman	P20ECE327/Professional Elective -VI Wireless Sensor Network and IOT	Power Point Presentation
4	Dr.R.Kurinjimalar	P20ECW301/Project Phase I	Power Point Presentation
5	Dr.R.Kurinjimalar	P20ECW302/Internship	-

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1.	Basics of Communication Protocols	Ms.Divya Jyothi Senior Lead Hardware Design Engineer, Capgemini Engineering, Bangalore	10.07.2023	60 Students
2.	Recent Technology in Electric Vehicle and Charging Station	Mr. R.Raman, Zonal Manager, Arther energy Pvt Ltd,D Block, IBC knowledge centre, Bangalore	22.07.2023	58 Students
3.	Introduction to Wi-Fi and Embedded system	Mr.R.Ponmudi, Senior SQL Manager, Maxlinear Technologies Pvt. Ltd, Chennai	30.09.2023	60 Students
4.	Transforming Wireless Communication through Cutting-Edge Antenna Design	Dr.D.Sugumar, Associate Professor, Karunya Institute of Technology and Sciences,	04.10.2023	71 Students

		Coimbatore		
5.	Guest Lecture on Scope of Industry 4.0 Technology	Mr.R.Ashokkumar, Quality Manager, NCR Corporation India Pvt Limited, Chennai	07.10.2023	56 Students
6.	Smarter Electronics, Smarter Communication: An IoT Workshop	Mr.J.JinuKrishnan, Embedded & IoT Developer, Techvolt Software Pvt. Ltd, Coimbatore.	18.10.2023	48 Students
7.	Data-Driven Discoveries: A One day seminar on Data Science and ML	Mr.M.P.Vinayak, Technical Head, Techvolt Software Pvt. Ltd, Coimbatore	18.10.2023	48 Students

3.4 Activities for Slow and Advanced Learners

Semester : I

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	Engineering Mathematics – I/U23MATC01	A	Mr.A.Balamurugan	Yes	2	Yes
		B			2	Yes
		C	Mrs.M.Subathra		2	Yes
		D			2	Yes
2	Physical Science for Engineers/U23BSTC01	A	Dr.K.Oudhayakumar	Yes	2	Yes
		B	Dr.S.Savithri		2	Yes
		C	Dr.K.Oudhayakumar		2	Yes
		D	Mrs.S.Pameswari		2	Yes
3	Basics of Civil and Mechanical Engineering/U23ESTC01	A	Mr.V.Murugappan	Yes	3	Yes
		B	Mr.N.Prakash kumar		2	Yes
		C	Mr.V.Murugappan		2	Yes
		D	Mr.G.Harish		2	Yes
4	Electrical Technology/U23EETC01	A	Mr.J.Gnanaivel	Yes	2	Yes
		B	Dr.D.Sivaraj		3	Yes
		C	Mr.S.Elanthamizh		2	Yes
		D	Mr.G.Rajavel		2	Yes
5	Circuits and Networks/U23ECT101	A	Dr.S.Dhivya	Yes	2	Yes
		B	Mr. M. Harikrishnan		2	Yes
		C	Mr.K.Jambulingam		3	Yes
		D	Ms.R.Priya		2	Yes
6.	Communicative English – I/U23ENBC01	A	Mrs.G.Namitha	Yes	2	Yes
		B			2	Yes
		C			2	Yes
		D			Ms.Gejalakshmi	2

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	Numerical Methods and Optimization /U20BST321	A	Mr.S.Rajakumar	Yes	2	Yes
		B			2	Yes
		C			2	Yes
		D	Mrs.S.Revathi		2	Yes
2	Data Structures/U20EST 356	A	Ms.C.Karthiga	Yes	2	Yes
		B	Mr.M.Prakash		2	Yes
		C	Ms.N.Pavithra		2	Yes
		D	Ms.P.Nirmala devi		2	Yes
3	Analog electronic circuits/U20ECT303	A	Mrs.v.logisvary	Yes	3	Yes
		B	Mrs.s.anbarasi		2	Yes
		C	Mrs.s.anbarasi		2	Yes
		D	Dr.r.vijayarani		2	Yes
4	Digital electronic circuits/U23EETC3 04	A	Mr.S.Mohanram	Yes	2	Yes
		B	Dr.P.Raja		3	Yes
		C	Mrs.T.S.Krishnapriya		2	Yes
		D	Mr.V.M.Navaneethakrishnan		2	Yes
5	Signals and system/U20ECT305	A	Dr.P.Arunagiri	Yes	2	Yes
		B	Mrs.S.Jayanthi		2	Yes
		C	Dr.R.Kurinjimalar		3	Yes
		D	Mrs.S.Jayanthi		2	Yes
6.	Electromagnetic field theory/U20ECT306	A	Dr.R.Ramya	Yes	2	Yes
		B	Mrs.T.S.Krishnapriya		2	Yes
		C	Mr.P.Mahendra Peruman		2	Yes
		D	Dr.A,Jayachitra		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	Mrs.U.Chitra	Yes	2	Yes
		B			2	Yes
		C			2	Yes
2	Wireless Communication/ U20ECT509	A	Mr.J.Soundararajan	Yes	2	Yes
		B	Dr.J.Pradeep		3	Yes
		C	Mr.R. Kalaiyarasan		2	Yes
3	Microcontroller/ U20ECT510	A	Dr.R.Kurinjimalar	Yes	2	Yes
		B	Dr.A.Jayachitra		2	Yes
		C	Mr.S. Ganesan		3	Yes

4	Digital Signal Processing / U20ECT511	A	Mr.P.Mahendra Peruman	Yes	2	Yes
		B	Mr.P.Suseendhar		3	Yes
		C	Mrs.P. Srividhya		2	Yes
5	Hardware Description Languages/ U20ECE506	A,B,C	Mr.S.Mohanram	Yes	2	Yes
	Vehicular Communication / U20ECE507		Dr.R.Vijayarani	Yes	3	Yes
	Industry 4.O Technology / U20ECE508	A	Dr.Vankayala Chethan Prakash	Yes	2	Yes
	Industry 4.0 Technology / U20ECE508	B	Mrs.V.Logisvary	Yes	2	Yes
6	Product development and design / U20HSO501	A	Mrs.R.Sureka	Yes	2	Yes
	Product development and design / U20HSO501	B	Mrs.G.Ramya	Yes	3	Yes
	Product development and design / U20HSO501	C	Mrs.Angelamary	Yes	2	Yes
	Marketing management and research / U20HSO503	A,B,C	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.R.Ramya	Yes	2	Yes
		B	Dr.N.Saranya		3	Yes
		C	Dr.P.Arunagiri		2	Yes
2	Internet of Things / U20ECCM04	A	Mrs.R.Gayathri	Yes	2	Yes
		B	Dr.S.B.Lenin		2	Yes
		C	Dr. S.Ashok kumar		3	Yes
3	Satellite Communication/U20ECCM05	A,B,C	Mr.R.Kalaiyaran	Yes	2	Yes
	Fuzzy logic and Neural Network	A	Mrs.R.Gayathri	Yes	3	Yes
	Fuzzy logic and Neural Network	B	Mr.J.Soundararajan	Yes	2	Yes
	Wireless Sensor Networks	A,B,C	Mr.Suseendhar. P	Yes	2	Yes
4	Internet of Things for Healthcare (A)/ U20BMO705	A	Mr. V. M. Navaneethakrishnan	Yes	3	Yes
	Internet of Things for Healthcare (B)/ U20BMO705	B	Mr.M.Vadivelan	Yes	2	Yes
	Data Science using python/U20CCO705	A,B,C	Mr.J.Saravanan	Yes	2	Yes
	Supply Chain Management/U20MEO707	A,B,C	Mr.D.Karunakaran	Yes	3	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
916	56	1:15

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	Mention the target:
4	PSO and PO attainment through CO	Yes	

3.8 Student Performance in End Semester Examination Semester –I/A

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	55	-
2	Number of All Clear Students	42	-
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	13	-
7	Passing Percentage	76.36	-

Semester –I /B

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	07	-

4	Number of Students passed with First Class	34	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	17	-
7	Passing Percentage	70.68%	-

Semester – I/C

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	54	-
2	Number of All Clear Students	42	-
3	Number of Students passed with Distinction	13	-
4	Number of Students passed with First Class	30	-
5	Number of Students passed with Second Class	11	-
6	Number of Students Failed	12	-
7	Passing Percentage	78%	-

Semester – I/D

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	57	-
2	Number of All Clear Students	54	-
3	Number of Students passed with Distinction	18	-
4	Number of Students passed with First Class	33	-
5	Number of Students passed with Second Class	03	-
6	Number of Students Failed	03	-
7	Passing Percentage	94.73%	-

Semester – II/A

Sr. No	Particular	B.Tech
1	Number of Students appeared	61
2	Number of All Clear Students	34
3	Number of Students passed with Distinction	30
4	Number of Students passed with First Class	30
5	Number of Students passed with Second Class	-
6	Number of Students Failed	27
7	Passing Percentage	55.73

Semester – II/B

Sr. No	Particular	B.Tech
1	Number of Students appeared	61
2	Number of All Clear Students	42
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

Semester – II/C

Sr. No	Particular	B.Tech
1	Number of Students appeared	61
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	-
7	Passing Percentage	75

Semester – II/D

Sr. No	Particular	B.Tech
1	Number of Students appeared	61
2	Number of All Clear Students	44
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	17
7	Passing Percentage	70

Semester – III/A

Sr. No	Particular	B.Tech
1	Number of Students appeared	75
2	Number of All Clear Students	69
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	89.33%

Semester – III/B

Sr. No	Particular	B.Tech
1	Number of Students appeared	75
2	Number of All Clear Students	64
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	81.33%

Semester – III/C

Sr. No	Particular	B.Tech
1	Number of Students appeared	76
2	Number of All Clear Students	68
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	84.21%

Semester –IV/ A

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	71	-
2	Number of All Clear Students	62	-
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	87.32%	-

Semester – VII/C

Sr. No	Particular	B.Tech
1	Number of Students appeared	73
2	Number of All Clear Students	66
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	91.66

Semester – VII/B

Sr. No	Particular	B.Tech
1	Number of Students appeared	73
2	Number of All Clear Students	66
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	90.41%

Sl. No	Particular	B.Tech I Sem	B.Tech III Sem	B.Tech V Sem	B.Tech VII Sem	M. Tech ECE III SEM	M. Tech VLSI & ES III SEM
1	Number of Students appeared	224	244	226	217	1	1
2	Number of All Clear Students	179	165	193	190	-	1
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	79	33	27	1	-
7	Passing Percentage	79.9%	68 %	85.39 %	87.55 %	0 %	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	218	-
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	57	-
3	Student Exit Survey conducted and Analysed	Yes	181	-
4	Alumni Feedback conducted and Analysed	Yes	193	-

SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS

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

S.No	Principle Investigator	Title of Project / Grants	Funding Agency	Amount (Rs. in Lakhs)	Duration of the project
1	Dr. P.Raja Dr.N. Saranya	Advancement in Antenna Technology and Biological Effects of Electromagnetic Radiation (Granted)	SERB Seminar Grant	Rs. 90,000/-	2 Days

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consutancy
1	Dr.N. Saranya	Testing, 2.45 GHz Antenna parameter testing	Ms. Prema Latha, Assistant Professor, IFET College of Engineering	1000/-	1 Days
2	Dr.N. Saranya	2.45 GHz antenna design & fabrication & testing	Ms. Prema Latha, Assistant Professor, IFET College of Engineering	3500/-	1 Week

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
1	2023-2024	-	07	631	62
2	2022-2023	-	22	564	56
3	2021-2022	-	10	784	40
4	2020-2021	-	39	849	48

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	-
Number of Publication in International Journals	7
Number of Publication in National Conferences	-
Number of Publication in International Conferences	13
Number of Books / Book Chapters	1
Number of Patent (Filed)	6
Number of Patents Granted	-

National Journal

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

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	Investigation of Charge Plasma based Nanowire Field Effect Transistor for Sub 5 nm	P. Naveen Chander P. Raja S. Ashok kumar R. Gayathri	IETE Journal of Research	Vol. 69, No. 11, 2023 ISSN: 0974-780X	SCI
2	Analysis of Charge	Balaji M	Journal of Nano-		Scopus

	Plasma Based Hetero Junction Nanowire Multi Channel Field Effect Transistor For Sub 10 Nm	Ashok kumar Shanmugaraj	and Electronic Physics	Vol 15, No. 04, PP. 04032-1-04032-5, 2023 ISSN: 2077-6772	
3	Triple-Band semi-Circular slotted microstrip antenna for harvesting ambient energy of 900/2100/2300Mhz cellular bands	N. Saranya S. B. Lenin S. Mohanram	International Journal of microwave and optical Technology	Vol.18, No.6, PP.583-592, 2023 ISSN: 1553-0396/	Scopus
4	Smart Heart Disease Prediction and Amalgamation Tracking System (Accepted)	S. Ashok kumar Anandkumar Arunkumar.N Karthik charan. D	Engineering Review	ISSN: 1330-9587	Scopus
5	Single Ended 12t CNTFET SRAM Cell With High Stability For Low Power Smart Device Applications	S. Jayanthi P. Raja M. Elangovan T. S. Murugesh	e-prime- Advances in Electrical Engineering, Electronics and Energy	Vol. 7, PP: 100479(24), 2024 ISSN: 2772-6711	Scopus
6	A Hybrid Thyroid Tumor Type Classification System using Feature Fusion Multilayer Perceptron and Bonobo Optimization	B Shankarlal S. Dhivya K Rajesh S Ashok	Journal of X-ray Science and Technology	PP. 1-25, 2024, ISSN: 1095-9114	Scopus
7	An Image-Based System for Monitoring Pregnant Women's Sleep Posture (Accepted)	S. Mohanram Sathyamoorthy J Sargunal A Seran P Yogiramkumar M.S Elakshme Devi C Dharshini M R Dharshan S Chandru G	International Journal of Computational Vision and Robotics	ISSN: 1752-914X	Scopus

National Conference

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

International Conference

S.No	Title of the Paper	Name of the Authors	Name of the Conference	ISBN / ISSN	Publisher
1	Design and Analysis of the Electrical	Sivaram kumar Ramya R	International	979-8-3503-3324-4	IEEE

	Properties of Different Dielectric Oxide Materials for Electrostatic Doping Through Nanowire Multichannel FET	Ashok kumar Shanmugaraj	Conference on Circuit Power and Computing Technologies ICCPCT 2023, Kerala		
2	Design and Development of APM 2.8 controller based drone system for healthcare application	S. Ganesan, A. Saran A. Sanjay C. Muthukumaran S. Surya Raja	International Conference On Circuit Power And Computing Technologies ICCPCT-2023	979-8-3503-3324-4	IEEE
3	Glaucoma detection using CNN ensemble classifier and OTSU thresholding algorithm	S. Mohanram Balamurugan. V Goventhan. M Rajeshvaran N	International Conference On Circuit, Power And Computing Technologies ICCPCT-2023	979-8-3503-3324-4	IEEE
4	Privacy-Preserving Integration of Face Recognition System and ESD Tester using Federated Learning	S. B. Lenin G. Azeess Basha G. Srivatsan Z. Aswin	International Conference On Circuit, Power And Computing Technologies ICCPCT-2023	979-8-3503-3324-4	IEEE
5	Design and Investigation of a Charge Plasma-Based dopingless Cylindrical NW SCFET for sub-10 nm	Sandeep V Charles Pravin J Ashok Kumar S	International Semiconductor Conference CAS, Romania	979-8-3503-2395-5	IEEE
6	Smart IOT BASED WTAER Monitoring and control system	Vijayalakshmi Eswara Pandian	International Conference on Systems, Computation, Automation, Networking	979-8-3503-1512-7	IEEE
7	Bayesian Algorithm based Automation system for control of Agricultural Field Parameters	P.Srividdhya Jeevan Sanjay. S Jeevabharathi. T Manivannan. P	International Conference on Systems, Computation, Automation, Networking	979-8-3503-1512-7	IEEE
8	Design and Implementation of Low-Cost Blood grouping Prediction Using Machine Learning	R. Vijayarani, M. Induja, M. Janani	International Conference on Systems, Computation, Automation, Networking	979-8-3503-1512-7	IEEE
9	Autonomous Wheel Chair Navigation using Monocular SLAM and Rapidly-Exploring Random Trees	B. Ganesa moorthy Suryakumar.S Vijay.B Sudhakar.S	International Conference on Systems, Computation, Automation, Networking	979-8-3503-1512-7	IEEE
10	Precautions for Maritime Boundary Limit using Geo Tracking & Wave	S.Pushparaj, Aishwin.M, Logesh prassanna.R,	International Conference on Systems, Computation, Automation,	979-8-3503-1512-7	IEEE

	Buoy	Lokkeswaran.P	Networking		
11	Lidar & Thermal Camera Based Braking And Life Saving System With Actuator Shield For Wheels	Jayapreethi KR. Kurinjimalar Narmadha. S Madhumitha M	International Conference on System, Computation, Automation and Networking 2023	979-8-3503-1512-7	IEEE
12	Drowning detection & security in Swimming pool with IOT Server	B. Ganesamoorthy	International Conference on Systems, Computation, Automation and Networking	979-8-3503-1512-7	IEEE
13	A Ultra-wideband Vivaldi Antenna with Lozenge Shaped Slots for Biomedical Applications	S.Sivasankari, P.Raja N.Saranya	International Conference on System, Computation, Automation and Networking (ICSCAN)	979-8-3503-1512-7	IEEE

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Integrating Artificial Intelligence an Machine Learning with Blockchain Security. Chapter – 1(Blockchain in Healthcare Security with Artificial Intelligence)	Mrs.R.Gayathri, Jothy.N, Geethalakshmi.T	978-1-5275-3011-9	Cambridge Scholars Publishing

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	J. Soundararajan, Assistant Professor /ECE	J. Soundararajan, Assistant Professor /ECE K. Jambulingam, Assistant Professor /ECE V. Logisvary, Assistant Professor /ECE V. Prasannavasana, UG student , ECE S .Balavinayaga, UG student ,ECE	Anti-Theft System For Automobile Wheels Using Super Stoke Solenoid	-	India	Submitted (Under Progress)

		E. Kiruthivaas, UG student ,ECE M. Naveen, UG student, ECE				
2	Dr. P.Raja, Professor & Head/ ECE	Dr. P.Raja, Professor & Head/ ECE Dr. N. Saranya, Assistant Professor /ECE Dr. S. Ashok Kumar, Assistant Professor /ECE	Frequency Selective Surface (FSS) based CPW- fed Monopole antenna for Microwave imaging application	-	India	Submitted (Under Progress
3	Dr. P. Raja, Professor & Head/ECE	Dr. N. Saranya, Assistant Professor /ECE Dr. P. Raja, Professor & Head/ECE Dr. S. Ashok Kumar, Assistant Professor /ECE B. Agarvin, UG Student, ECE R. Logesh, UG student , ECE G. Chandranath, UG student ,ECE C.R. Ajaydev, UG student ,ECE	A Compact IoT Based Automatic Rover System for Smart Industrial Tank Manufacturing	-	India	Submitted (Under Progress
4	Dr. S. B. Lenin, Associate Professor/ECE	Dr. S. B. Lenin, Associate Professor/ECE P. Arivoomathi, UG student/ECE A. Hiran Lal, UG student/ECE Gautham Venkatesh , UG student/ECE	Automated Medical Machine with Medical dispatcher System	-	India	Submitted (Under Progress
5	R. Kalaiyarasan, Assistant	R. Kalaiyarasan,	Nomex as an antiflammable	-	India	Submitted (Under

	Professor /ECE	Assistant Professor /ECE S. Mohanram, Assistant Professor /ECE N. Sundar Ganesh, UG student/ECE V. Surender, UG student/ECE V. Vigneshwaran, UG student/ECE P. Saravanan, UG student/ECE	protection for batteries in electric vehicles			Progress)
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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	Jivanthika Avisyaa D	Hexaware	1 month	22-02-2024	02-04-2024
2	Muntasir M	Hexaware	1 month	22-02-2024	02-04-2024
3	Rahul S A	Hexaware	1 month	22-02-2024	02-04-2024
4	Abirami S	Hexaware	1 month	22-02-2024	02-04-2024
5	Madhavan I	Hexaware	1 month	22-02-2024	02-04-2024
6	Swetha R	Hexaware	1 month	22-02-2024	02-04-2024
7	Abirami S	Hexaware	1 month	22-02-2024	02-04-2024
8	Harivardani A	Hexaware	1 month	22-02-2024	02-04-2024
9	Keerthana M	Hexaware	1 month	22-02-2024	02-04-2024
10	Kishore M	Hexaware	1 month	22-02-2024	02-04-2024
11	Nivetha R	Hexaware	1 month	22-02-2024	02-04-2024
12	Vidhya Latchoumi T	Hexaware	1 month	22-02-2024	02-04-2024
13	Kaushikka E M	Renault Nissan Technology	5 months	01-02-2024	17-06-2024
14	Shwetha S	Renault Nissan Technology	5 months	01-02-2024	17-06-2024
15	Maheswaran S	Societe Generale	6 months	25-01-2024	25-06-2024
16	Suhasini D	Societe Generale	6 months	25-01-2024	25-06-2024
17	Phadhmapreeya P	Visteon	6 months	22-01-2024	22-06-2024
18	Praveen Kumar M	Visteon	6 months	22-01-2024	22-06-2024
19	Raja Rajeswari R	Visteon	6 months	22-01-2024	22-06-2024
20	Paayal K	Visteon	6 months	22-01-2024	22-06-2024
21	Tamilsooriya T	Visteon	6 months	22-01-2024	22-06-2024
22	Atchaya R	Ford	5 months	01-02-2024	17-06-2024
23	Lakshmi A	Ford	5 months	01-02-2024	17-06-2024

24	Yukesh Santhana Kumaran V	Ford	5 months	01-02-2024	17-06-2024
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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)
1	Industry Project MOSFET Based 2kW totem pole PFC design for EV onboard charger	S.A.Ajay Kumar Hariprasad.S Vaseemullah G	Microtron India Technologies Pvt. Ltd, Puducherry.	1 Year
2	Industry Project Ortho Medical Shoes	Priyavarshini P Threkha Ns T.Sushmitha	Charles Industries, Chengalpattu.	1 Year
3	Industry Project Automated Armature Assembly	Mukesh.N Vivekanandan.T Yadhunath Manoj	Tetra Automation Pvt Ltd, Chennai.	4 Months

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	Lucas TVS Limited, Pondicherry	30.09.2023	I Year/ I Sem/ A Sec	50
2	BSNL	22.09.2023	I Year/ I Sem/ B Sec	54
3	Lucas TVS Limited, Pondicherry	30.09.2023	I Year/ I Sem/ D Sec	55

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	Techvolt Software Pvt Ltd	06.09.2023	To enhance student skills and knowledge. To customize the curriculum based on industrial scenario. To provide labs, workshop, industrial sites for the hands-on training to the students.	Continuous
2	Deepsphere AI Pte. Ltd	13.12.2023	To collaborate in research work, learning guidance and additional educational programs. To organize seminars, conferences, workshops.	5 years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	100
Number of Students opted Higher Studies	05
Number of Entrepreneur	Nil

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	AKILESH S	KodNest	2.5 LPA
2	ARAVINDAN K	QSpider	2.5 LPA
3	ARULMOZHIE B	QSpider	2.5 LPA
		KodNest	2.5 LPA
4	BALAJI B	Hexaware	4 LPA
		TCS Ninja	3.36 LPA
		QSpider	2.5 LPA
5	BALAJI C	Hexaware	4 LPA
		Zoho	7 LPA
6	BHAVANESH A	TCS Ninja	1. 3.36 LPA
		QSpider	2. 2.5 LPA
7	BOOBASH DAYAL S	Hexaware	1. 4 LPA
		QSpider	2. 2.5 LPA
9	HARIPRASAD S	KodNest	2.5 LPA
10	JAYADHARSHINI P	QSpider	2.5 LPA
11	JEETHIKA U	TCS Digital	7 LPA
		Qspider	2.5 LPA
12	JIVANTHIKA AVISYAA D	1.Hexaware	4 LPA
		2.TCS NINJA	3.36 LPA
13	KAUSHIKKA E M	Renault Nissan Technology	4.25 LPA
14	MANIKANDAN M K	1.Accenture	1. 4.6 LPA
		2.TCS Digital	2. 7 LPA

15	MATHIAZHAGAN D	TCS Ninja	3.36 LPA
16	MUNTASIR M	1.Hexaware 2.TCS Ninja	1.4 LPA 2.3.36 LPA
17	NIRAN AMALORE B	1.Hexaware 2.TCS Ninja 3.QSpider	1.4 LPA 2.3.36 LPA 3.2.5 LPA
18	NITHISH.S	QSpider	2.5 LPA
19	PAVITHRA M	1.TCS Ninja 2.KodNest	1.3.36 LPA 2.5LPA
20	PHADHMAPREEYA P	Visteon	7 LPA
21	PRAVEEN KUMAR M	Visteon	7 LPA
22	PRAVEENA N	1.TCS Ninja 2.QSpider	1.3.36 LPA 2.5 LPA
23	PREETHI P	QSpider	2.5 LPA
24	PRIYAVARSHINI P	1.Renault Nissan Technology 2.TCS Ninja	1.4.25 LPA 2.3.36 LPA
25	PRIYAVARSHINI P	1.Renault Nissan Technology 2.TCS Ninja	1.4.25 LPA 2.3.36 LPA
26	RAJA RAJESWARI R	Visteon	7 LPA
27	RATCHANA.K	TCS Pega	3.86 LPA
28	SARAVANAKUMAR M L	QSpider	2.5 LPA
29	SHAKSHI P	QSpider	2.5 LPA
30	SHAKSHI P	QSpider	2.5 LPA
31	SUSHMITHA T	TCS Ninja	3.36 LPA
32	YAZHINIYAN D	Integra	2.15 LPA
33	MOHAMED THAMEEMUL ANSARI M J	WABCO India ltd	2.1 LPA
34	AASHIKA B	Integra	2.15 LPA
35	ABIRAMI S	Hexaware	4 LPA

36	AGILAN E	1.Accenture	1. 4.6 LPA
		2.TCS Digital	2. 7 LPA
37	ARVIND R	QSpider	2.5 LPA
38	ATCHAYA R	Ford Pega	6 LPA
39	BHUVANESHWAR B	1.TCS Pega	1. 3.86 LPA
		2.Vodafone Pega	2. 7 LPA
40	CHANDRU S	QSpider	2.5 LPA
41	GOKULAKRISHNAN R	KodNest	2.5 LPA
42	HARINE R	1.QSpider	1. 2.5 LPA
		2.KodNest	2. 2.5 LPA
43	JANANI S	1.TCS Ninja	1. 3.36 LPA
		2.QSpider	2. 2.5 LPA
44	KANAKALAKSHME S	TCS Pega	3.86 LPA
45	KARTTHIK.B	1.TCS Ninja	3.36 LPA
		2.QSpider	2.5 LPA
46	KRISHNARAJ R	TCS Ninja	3.36 LPA
47	LAKSHMI A	Ford Pega	6 LPA
48	LALITKUMAR R	QSpider	2.5 LPA
49	LOKESH S	1.QSpider	1. 2.5 LPA
		2.KodNest	2. 2.5 LPA
50	MADHAVAN I	Hexaware	4 LPA
51	MAHESWARAN S	Societe Generale	5.43 LPA
52	NARENDIRAN S	TCS Ninja	3.36 LPA
53	NARESH U	Accenture	4.6 LPA
54	NATARAJAH B	TCS Pega	3.86 LPA
55	PAAYAL K	Visteon	7 LPA
56	PAVITHRA R	1.Accenture	1. 4.6 LPA
		2.TCS Ninja	2. 3.36 LPA
57	PRANITH P	Data Pattern	4.2 LPA

58	PRASANTH K	1.TCS Ninja	3.36 LPA
		2.QSpider	2.5 LPA
59	PRAVEEN S	QSpider	2.5 LPA
60	PUSHPARAJ N	KodNest	2.5 LPA
61	RAM PRASATH R	1.TCS Ninja	1. 3.36 LPA
		2.QSpider	2.5 LPA
62	SANJAI PRASAD S	TCS Ninja	3.36 LPA
63	SARANRAJ V	TCS Pega	3.86 LPA
64	SEDHURAMAN.B	KodNest	2.5 LPA
65	SENTHILKUMAR T	1.QSpider	1. 2.5 LPA
		2.KodNest	2. 2.5 LPA
66	SHRE KRITHICK R	1.TCS Digital	7 LPA
		2.QSpider	2.5 LPA
67	SUHASINI D	1.Societe Generale	1. 5.43 LPA
		2.TCS Ninja	2. 3.36 LPA
68	SWETHA R	1.Hexaware	4 LPA
		2.KodNest	2.5 LPA
69	TAMILSOORIYA T	Visteon	7 LPA
70	VELARASAN S	Accenture	4.6 LPA
71	VENKADANATHAN A	1.TCS Ninja	1. 3.36 LPA
		2.QSpider	2. 2.5 LPA
		3.KodNest	3. 2.5 LPA
72	VINCENT AMALADOSS A	TCS Ninja	3.36 LPA
73	VISHNURAM R	TCS Ninja	3.36 LPA
74	YUKESH SANTHANA KUMARAN V	Ford Pega	6 LPA
75	ABIRAMI S	1.Hexaware	1. 4 LPA
		2.TCS Ninja	2. 3.36 LPA
76	APARNA R	Renault Nissan Technology	4.25 LPA

77	BHAVANE S	KodNest	2.5 LPA
78	DHARMA PRAKASH R	QSpider	2.5 LPA
79	HARI RAJAN R	1.QSpider 2.KodNest	1. 2.5 LPA 2. 2.5 LPA
80	HARISH V	1.QSpider 2.KodNest	1. 2.5 LPA 2. 2.5 LPA
81	HARIVARDANI A	1.Hexaware 2.KodNest	1.4 LPA 2. 2.5 LPA
82	HEMMA PS	1.Accenture 2.TCS Ninja	1.4.6 LPA 2. 3.36 LPA
83	JAYASRUTHIKA K	KodNest	2.5 LPA
84	KEERTHANA M	1.Hexaware 2.TCS Ninja	1.4 LPA 2. 3.36 LPA
85	KISHORE M	Hexaware	4 LPA
86	MANJU SHREE P	Unisys (Intern)	2.5 LPA
87	MURALI SRIRAM B	KAAR	6.5 LPA
88	NIRUPAMA S	Accenture	4.6 LPA
89	NIVETHA R	1.Hexaware 2.TCS Ninja	1. 4 LPA 2. 3.36 LPA
90	PARMESH V	QSpider	2.5 LPA
91	RAHUL S	QSpider	2.5 LPA
92	RUTHISH DHARSHANA V	QSpider	2.5 LPA
93	SAANCHITAASRI K	TCS Ninja	3.36 LPA
94	SANTHOSH S	1.TCS Ninja 2.QSpider	1.3.36 LPA 2. 2.5 LPA
95	SHWETHA S	Renault Nissan Technology	4.25 LPA
96	SURUTHI G	Sureti Insurance Marketing Pvt. Ltd	3 LPA
97	VARATH ANISH S	Mannschaft Engineering	4 LPA

98	VIDHYA LATCHOUMI T	1.Hexaware 2.TCS Ninja	1.4 LPA 2. 3.36 LPA
99	YOGAVARSHINI R	1.Renault Nissan Technology 2.TCS Ninja	1. 4.25 LPA 2. 3.36 LPA
100	YUVARAJ V	TCS Ninja	3.36 LPA

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	Indhuja.M	University of Greenwich, London	MS Machine Intelligence
2	Harshavardhni .A	SSN college of engineering	M.E Medical electronics
3	Ragnal Kevin Jerome. A	Pondicherry University	M.B.A
4	Naveen.M	Sri Manakula Vinayagar Engineering College	M.Tech-VLSI &ES
5	Suvetha S	Pondicherry University	M.B.A

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	Nil	Nil	Nil	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.	Two Days National Level Workshop on	Department	19.05.2023 to 20.05.2023	State	24

	VLSI Design with VIVADO				
2.	Basics of Matlab	Department	06.06.2023 to 07.06.2023	State	30
3.	Wireless Communication using Matlab	Department	16.06.2023 and 19.06.2023	State	24
4.	An Introductory Handson Training to Arduino Programming	Department	21.06.2023 & 22.6.2023	State	24
5.	Sudoku Puzzle	Profession Chapter IEI	23.06.2023	State	58
6.	Basics of Python Programming	Profession Chapter IEI	07.10.23	State	118
7.	Enhancing the Idea of Competitive Exams	Profession Chapter IEI	14.10.23	State	122
8.	Smarter Electronics, Smarter Communication: An IoT Workshop	Department	18.10.2023	State	60
9.	Data Driven Discoveries: A one day seminar on Data Science and ML Seminar	Profession Chapter IEI	18.10.23	State	50
10.	Paper presentation: TECHVOLUTION'23	Department	18.11.23	State	50

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	Seminar on realizing the potential of generative AI in industrial applications	Deepshere AI, Singapore	13.12.2023	National level	70

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	Gokulan.S	Narcotic And Drug Control In Colleges & 14.09.2023 – 15.09.2023	Tagore Government Arts And Science College	-
2	Hemachandiran.V	Cii Garnishing Talent Event 2023	Cii	-
3	Sooriya I	Image Processing Workshop 21.09.2023	Chennai Institute Of Technology	Participation
4	Sooraj N	Image Processing Workshop 21.09.2023	Chennai Institute Of Technology	Participation
5	Marshal Regan Raj	Image Processing Workshop 21.09.2023	Chennai Institute Of Technology	Participation
6	Mohammad Yachin C	Image Processing Workshop 21.09.2023	Chennai Institute Of Technology	Participation
7	Ashwin P	Image Processing Workshop 21.09.2023	Chennai Institute Of Technology	Participation
8	Harish Balaje S	Image Processing Workshop 21.09.2023	Chennai Institute Of Technology	Participation
9	Vignesh S	Iot Using Python And Raspberry Pi	Top Engineers	-
10	Paarthasarathy K	Iot Using Python And Raspberry Pi 02.09.2023	Top Engineers	-
11	Hari Ragavan P	Iot Using Python And Raspberry Pi 02.09.2023	Top Engineers	-
12	Chandru B	International Workshop On Automotive Electronics 02.09.2023	Top Engineers	-
13	Preneshvar S A	International Workshop On Automotive Electronics 02.09.2023	Top Engineers	-
14	Millan Prince L	International Workshop On Automotive Electronics 02.09.2023	Top Engineers	-
15	Vignesh S	Cii Garnishing Talent Event Sep – Oct 2023	Cii	-
16	Srinidhi.V Vishnu Priya .V	Project Expo & 09.6.2023	Sairam Engineering College	Participation
17	Viveka C Ashwathi Krishna	Project Expo & 09.6.2023	Sairam Engineering College	Participation
18	Srinidhi.V	Workshop On Artificial Intelligence & 25.06.2023	TOP Engineers, INDIA	Participation
19	Vishnu Priya V	Workshop On Artificial Intelligence & 25.06.2023	Top Engineers, India	Participation
20	Viveka C	Workshop On Artificial Intelligence & 25.06.2023	TOP Engineers, INDIA	Participation

21	Ashwathi Krishna	Workshop On Artificial Intelligence & 25.06.2023	Top Engineers, India	Participation
22	Yuvanesh Balaji M Devanesh S	Robo Trail 06.10.2023	Vellore Institute Of Technology	Participation
23	Thenmozhi B Sangeetha Maamathi K	Paper Presentation 05.10.2023	Pondicherry Technical University	Participation
24	Kiruthika S Afziya N	Paper Presentation 05.10.2023	Pondicherry Technical University	Participated
25	Shivahari S Niranjan P G Shivsharan N	Paper Presentation 05.10.2023	Pondicherry Technical University	Participated
26	Srinidhi V Vishnu Priya V	Paper Presentation 05.10.2023	Pondicherry Technical University	Participated
27	Viveka C Ashwathi Krishna	Paper Presentation 05.10.2023	Pondicherry Technical University	Participated
28	Raguram N Rohith K Yuvaraj K	Paper Presentation 06.10.2023	Vellore Institute Of Technology	Participated
29	Logeshvar C	Paper Presentation 06.10.2023	SRM Institute Of Technology	Participated
30	Jayasre S	Paper Presentation 06.10.2023	SRM Institute Of Technology	Participated
31	Krishnamurthy M Leethica S	Paper Presentation 06.10.2023	Vellore Institute Of Technology	Participated
32	Barath Kumar R	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
33	Giridharan.S	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
34	Krithik Rojar S	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
35	Aadhiseshan RK	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
36	Ramya Devi M	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
37	Hemalatha V	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
38	Keerthiga V	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
39	Oviya P	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
40	Suvetha K	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
41	Preethika M	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
42	Bhuvaneshwari R	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
43	Raagasudha V	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
44	Saranya P	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
45	Thepikka M	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
46	Monisha Clemenceau D	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
47	Sinduja R	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
48	Sureka K	Workshop & 09.10.2023 –	Puducherry	Participation

		10.10.2023	Technological University	
49	Suvatha V	Workshop & 09.10.2023 – 10.10.2023	Puducherry Technological University	Participation
50	Bhavya P Vanaja M Nandhini M	Paper Presentation & 5.10.2023	Puducherry Technological University	Second Prize (Cash Prize Rs.200)
51	Vishnu Priya V Srinidhi V Viveka C	Paper Presentation & 13.10.2023	Jerusalem College Of Engineering	Third Prize
52	Vishnu Priya V Srinidhi V Viveka C	Pyramid Plunge & 14.10.2023	Jerusalem College Of Engineering	Participation
53	Jayaseelan M	Seminar & 18.10.2023 – 19.10.2023	Sri Krishna College Of Engineering And Technology	Participation
54	Devanesh S Kugan.T	Paper Presentation & 27.10.2023	Puducherry Technological University	First Prize (Rs. 700)
55	A.Meena	Paper Presentation & 27.10.2023	Puducherry Technological University	Participation
56	K.Yuvashakthi	Youth Talk	ICT Academy	Second Place
57	Logeshvar.C, Rohit K & II / III / B	Paper Presentation & 25.10.2023 – 27.10.2023	Puducherry Technological University	Participation
58	Devanesh S Santhosh S Sreeram D Sathish Kumar P S	Hackathon 20.11.2023 – 21.11.2023	SNS College Of Engineering	Participation
59	Ashwati Krishna	One Day Workshop On Artificial Engineering 25.06.2023	IIT Madras Research Park-Chennai	Participation
60	Ashwati Krishna	Workshop	-	Participation
61	Ashwati Krishna	Project Presentation 09.06.2023	Sairam Engineering College	Participation
62	Ashwati Krishna	Industrial Visit Programme 03.01.2023	Bharat Sanchar Nigam Limited Puducherry	Participation
63	Ashwati Krishna	Just In Time Competition 02.09.2023	St.Joseph's College Of Engineering	Participation
64	Ashwati Krishna	Paper Presentation 04.10.2023-06.10.2023	Puducherry Technical University	Participation
65	Ashwati Krishna	Pyramid Plunge 13.10.2023	Jerusalem College Of Engineering	Participation

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

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	Dr.P.Raja	Board Chairman BoS
2	Dr.R.Ramya	BoS Member/ECE
3	Dr.R.Kurinjimalar	BoS Member/ECE
4	Mrs.V.Logisvary	BoS Member/ECE

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	Technical Reviewer in International Conference on Emerging Trends in Information Technology and Engineering
		Reviewer in IEEE International Conference on Computing, Power Communication Technologies.
		Technical Program Committee member and Reviewer in International Conference on Advances in Computational Intelligence and Communication.
2	Dr.S.Dhivya	Editorial Board Member in Blue Eyes Intelligence Engineering and Sciences Publication (BEIESP)
		Editorial Board Member in Lattice Science Publication (LSP) and its journals
		Editorial Board Member in International Journal of Current Research in Science, Engineering & Technology (URF Publisher)
		Advances in Science, Technology and Engineering Systems Journal (ASTESJ)
		Control and Cybernetics
		Reviewer in InSc International Publishing Platforms and also for Technical Events under the stream: Electronics and Communication Engineering.
3	Dr.N.Saranya	Engineering Review
		Journal of Electronic Materials
4	Mr.R.Kalaiyaran	International Conference on Social and Sustainable Innovations in Technology and Engineering, Andhra Pradesh, India.

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

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

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

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	Mr.S.Yuvaraj	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	July to October 2023
2.	R.Gayathri	Introduction to Internet of Things	NPTEL	July to October 2023
3.	Dr.R.Ramya	Nanophotonics, Plasmonics and Metamaterials	NPTEL	July to October 2023
4.	Mrs.S.Jayanthi	Seminar on advancements in Instrumentation Engineering through artificial intelligence challenges and opportunities	SERB Sponsored,National level seminar	2 Days
5.	Mrs.V.Logisvary	Seminar on advancements in Instrumentation Engineering	SERB Sponsored,National level seminar	2 Days

		through artificial intelligence challenges and opportunities		
6	Dr.R.Kurinjimalar	Seminar on advancements in Instrumentation Engineering through artificial intelligence challenges and opportunities	SERB Sponsored,National level seminar	2 Days
7	Ms.R.Gayathri	Seminar on advancements in Instrumentation Engineering through artificial intelligence challenges and opportunities	SERB Sponsored,National level seminar	2 Days
8	Ms.R.Gayathri	FDP on latest trend and techniques in software engineering: An Industry Perceptive	Christ University,Department of Computer science	7 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

Dr. P. RAJA

Professor & Head

Department of Electronics & Communication Engineering
Sri Manakula Vinayagar Engineering College
(An Autonomous Institution)
Puducherry - 605107

Recommendations:

Section	Remarks
Curricular Aspects	Documents are available for the curricular aspects (except 2.12, 2.2 & 2.7) and need to be maintained 2.1.2 Faculty subject preferences 2.2 Faculty participation in curriculum development 2.7 Report for the mandatory courses like induction programme, physical education and professional ethics
Teaching, Learning and Evaluation	Documents are available for Teaching, Learning and Evaluation (except 3.4 & 3.5) and need to be maintained 3.4 Activity report for advanced learners 3.5 class wise student profile record
Structured Feedback	Documents are available
Research, Innovation and Publications	Documents are available
Collaborations and Linkages	Documents are available for Collaborations and Linkages and need to be maintained
Student Progression	Documents are available

Activity Conducted / Organized by the Department	Documents are available
Achievements	Documents are available
General Remarks	Documents are neatly maintained

Internal Audit Experts

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

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

MAR 19 10
 SMVEC, PUDUCHERRY
 DEPARTMENT OF MECHANICAL ENGINEERING



**SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE**

An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107



INTERNAL QUALITY ASSURANCE CELL

ACADEMIC AND ADMINISTRATIVE AUDIT

**DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING**



ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2023-24)

Internal Audit

SECTION -1: BASIC INFORMATION

Audit Date	08-04-2024			
Name of the Department	COMPUTER SCIENCE AND ENGINEERING			
Year of Establishment	1999			
Programs Offered	Name of the Program	Approved Intake		
	B.Tech CSE	180		
	M.Tech CSE	24		
	M.Tech CSE(BDA)	30		
	Ph,D CSE	-		
Head of the Department	Dr. K. PREMKUMAR			
Number of full time Teachers	Professor	4		
	Associate Professor	11		
	Assistant Professor	39		
Number of Technical Staff				
Number of Students	For B.Tech:		For M.Tech CSE	
	Year	Strength	Year	Strength
	First Year	175	First Year	4
	Second Year	196	Second Year	6
	Third Year	188	Total	10
	Fourth Year	189		
	Total	748		
Faculty Student Ratio	758//54	1:14		

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 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. K.Premkumar	Coordinator	UG and PG	-
2.	Dr. M. Ganesan	Coordinator	PG	-
3.	Mr. P. Karthikeyan	Coordinator	UG	-
4.	Mr. M. Shanmugan	Syllabus Coordinator	UG	-

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.	II / V	Software Project Management	U20CSCM01	188
2.	IV / VII	Network Security	U20ITCM01	63
3.	IV / VII	Virtual Reality	U20CSCM04	126

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	BME	Biometric Systems	U20BMO503/ U20BMO603	137
2	III/V	BME	Medical Robotics	U20BMO504/ U20BMO604	51
3	IV/VII	IT	Automation Techniques & Tools- DevOps	U20ITCM08	189

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 * 1) Computer Assembly and Troubleshooting	U20CSS302	196
2.	III/V	Skill Development Course 4 : Foreign Language/ IELTS –I/Career and Professional Skill development Program –I	U20CSS504	188
3.	III/V	Skill Development Course 5 : Presentation Skills using ICT	U20CSS505	188

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1.	III / V	Azure DevOps	U20CSCX16	95
2.	III / V	Cloud Computing	U20CSCX28	93
3.	II / III	CCNA (Routing and Switching)	U20CSCX26	196
4.	I / I	Web Application Development (HTML, CSS, JS)	U23XXCX76	175

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	175
2.	II / III	Physical Education	U20CSM303	188
3.	III / V	Indian Constitution	U20CSM505	188
4.	IV / VII	Professional Ethics	U20CSM707	189

SECTION -3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan			No. of Lectures / Practical hours conducted		
Sep-23 to Jan-24 (ODD semester)									
I YEAR									
				A	B	C	A	B	C
1	Engineering Mathematics - / U23MATC01	Mr. Ananadh Mr. Shangar Mr. Ananadh	45	45			56		
2	Basics of Electrical and Electronics Engineering / U23ESTC03	John Paul Rajavelu Rajavelu	45	45			50		
3	Programming in C / U23CSTC01	Dr. N. Balaji R. Thenmozhi R. Rajadurai	45	45			52		

4	Problem Solving Approach / U23CSTC02	R. Gayathri	45	45	52
		Dr. J. Raja			
		A.Cauveri			
5	Universal Human Values-II / U23HSTC01	R.Srinivasan	45	45	50
		R.Srinivasan			
		J.Kowsalya			
6	Communicative English -I / U23ENBC01	Dr. Devi	45	45	48
PRACTICAL					
7	Basics of Electrical and Electronics Engineering Laboratory / U23ESPC01	John Paul	30	30	30
		Rajavelu			
		Rajavelu			
8	Programming in C Laboratory / U23CSPC01	Dr. N. Balaji, K.Kavitha	30	30	30
		R. Thenmozhi, A.GaneshKumar			
		R. Rajadurai			
9	Engineering Graphics using AutoCAD / U23ESPC03	GiriPrasath	30	30	30
II YEAR					
1	Numerical Methods	Mr.Sankar	45	45	50
2	Data Structures	C. Kalpana	45	45	52
		S.Subasree			
		Dr. T. Megala			
3	Programming in C++	B. Thiyagarajan	45	45	50
		Dr. K. PremKumar			
		N. Gopinath			
4	Automata and Compiler Design	A.Saravanaraj	45	45	55
		S. Jagadeeswari			
		R.Srinivasan			
5	Operating Systems	S. Diwahar	45	45	52
		S.Kowsalya			
		J.Kanimozhi			
6	Data Communications and Computer Networks	R. Nijanthy	45	45	53
		Dr. J. Raja			
		A.Gnanasundari			
PRACTICAL					
1	General Proficiency - I	Dr. Kanmani	30	30	30
2	Numerical Methods Laboratory	Mr. K. Raja	30	30	30
		Mr. T. Sangar			
		Mr. R. Raja			

3	Data Structures Laboratory	C. Kalpana	30	30	30
		S. Subasree			
		Dr. T. Megala			
4	Programming in C++ Laboratory	B. Thiyagarajan	30	30	30
		Dr. R. Ramachandiran			
		N. Gopinath			
5	Linux Internals Laboratory	S. Diwahar	30	30	30
		S.Kowsalya			
		J.Kanimozhi			
Ability Enhancement Course					
1	Certification Course - III	Mrs. S. Subasree Mrs. C. Kalpana	30	30	30
2	Skill Development Course 2*	A.Saravanaraj	30	30	30
Mandatory Course					
	Physical Education	Mr. Baskar	30	30	30
III YEAR					
1	Probability and Statistics	Mr. K.Raja Mr. T.Sangar	45	50	50
2	Handheld Computing: Design and Application Development	M. Shanmugam	45	55	55
		P.Bhavani			
		Anbuthirubarangan			
3	Programming in PHP	S.Kumarakrishnan	45	45	53
		R.Gayathri			
		D.Rajesh			
4	Software Engineering and Testing	Dr. M. Ganesan	45	45	52
		V.Swathilakshi			
		R.Deepa			
5	Professional Elective - II /SPM	J.Kowsalya	45	45	47
		Dr. R. Ramachandiran			
		Ilamathi			
6	Open Elective – II : Medical Robotics	Mr. Anandh	45	45	52
		Mrs. Sudha			
		Mrs.Radha			
PRACTICAL					
1	Handheld Computing Laboratory	M. Shanmugam	30	30	30
		P.Bhavani			
		Anbu			
2	Programming in PHP Laboratory	S.Kumarakrishnan	30	30	30
		R. Gayathri			
		D.Rajesh			
3	Software Testing Laboratory	P.Gajalakshmi	30	30	30
		V.Swathilakshmi			
		R.Deepa			
ABILITY ENHANCEMENT COURSE					
1	Certification Course – V	Mr. Swaminathan	30	30	30
2	Skill Development Course 4: Foreign Language/ IELTS –	R.Abinaya V.Niveda	30	30	30

	I/Career and Professional Skill Development Program -I				
3	Skill Development Course 5: Presentation Skills using ICT	Mr. Swaminathan	30	30	30
	Mandatory Course				
	Indian Constitution	Mrs. P.BHAVANI	30	30	30
	IV YEAR				
1	IoT and Edge Computing	A. Prakash G. Jugal Kishor K. Sivaganesan	45	45	45
2	Data Science and Digital Marketing Analytics	Mrs. S. Deeba Mr. D. Rajesh Arokiaraj St Hubert	45	48	48
3	PE : Virtual Reality	P. Karthikeyan P.Gajalakshmi K. Vignesh	45	50	50
4	OE: Network Security	Ilmathi P.R.Jayanthi V.Swetha	45	45	50
5	OE: Automation Tools and Devops	Mr. Praveen Mrs. Sineshwari Ms M. Madhumitha	45	45	45
	PRACTICAL				
1	Business Basics for Entrepreneur	Mrs. G. Ramya Mr. Anbarasan Dr. Ilamaran	30	30	30
	IoT and Edge Computing Laboratory	A. Prakash G. Jugal Kishor K. Sivaganesan	30	30	30
2	Data Science and Digital Marketing Analytics Laboratory	Mrs. S. Deeba Mr. D. Rajesh Arokiaraj St Hubert	30	30	30
3	Comprehensive Viva-Voce	Parkavi Ilamathi A.Cauveri	30	30	30
	Project Work				
1	Project phase – I	Dr. K. Premkumar Swaminathan B.Thiyagarajan	30	30	30
2	Internship / Inplant Training	D.Rajesh	30	30	30
3	Professional Ethics	Ilamathi Devi . R	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.	R.Srinivasan R.Srinivasan J.Kowsalya	Universal Human Values-II	Projector
2.	Dr.Devi	Communicative English -I	Projector
3.	R. Nijanthy Dr. J. Raja A.Gnanasundari	Data Communications And Computer Networks	Projector
4.	M. Shanmugam P.Bhavani Anbuthiruvarangan	Handheld Computing: Design And Application Development	Projector
5.	Dr. M.Ganesan V.Swathilakshmi R.Deepa	Software Engineering And Testing	Projector
6.	A. Prakash G. Jugal Kishor K. Sivaganesan	Iot And Edge Computing	Projector
7.	P. Karthikeyan P.Gajalakshmi K. Vignesh	Virtual Reality	Projector
8.	Ilmathi P.R.Jayanthi V.Swetha	Network Security	Projector

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Problem Solving Approach	Dr.Selva Kumar.R	07.10.2023	175
2	Advanced Programming in C using Game Development	Sasidharan J/Virtusa/chennai	25.11.23	175
3	Reail Time problem	Aurobind	21.10.23	175
4	Operating systems real time application	Dr. C Ambika	04.11.23	196
5	Turing machine	Mrs. P. R. Jayanthi	24.11.23	196
6	Data structures used behind different applications	Dr.vennira selvi	09.11.23	196
7	kotlin for mobile app development	Dr.S.Geetha	09.09.23	196
8	Industry trends in software testing and software quality assurance	Mr.Makesh, UI Developer, ZOHO Corporation	23.09.23	188
9	File Handling in PHP	Mr A.Balaji, TCS	07.10.23	188
10	Data Science Tools	Dr. A. Ponmalar	28.10.23	189

11	Virtual Reality for the User Experience	Girithara, designer, Galvanize Global soft	10.11.23	188
12	VMware	S. Aroul Vel, System Leader, CISCO	17.11.23	188
13	Industry lot 4.0	Dr Balasaraswathi	02.11.23	188

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.	Engineering Mathematics - I	Mr. Ananadh	Yes	6	Yes
2.	Basics of Electrical and Electronics Engineering	Mr. John Paul	Yes	6	Yes
3.	Programming in C	Dr. N. Balaji	Yes	6	Yes
4.	Problem Solving Approach	Dr. J. Raja	Yes	6	Yes
5.	Communicative English – I	Dr. Devi	Yes	6	Yes
6.	Numerical Methods	Mr. Sangar	Yes	6	Yes
7.	Data Structures	Mrs. S. Subasree	Yes	6	Yes
8.	Programming in C++	Mr. B. Thiyagarajan	Yes	6	Yes
9.	Automata and Compiler Design	Mrs. Jagadeeswari	Yes	6	Yes
10.	Operating Systems	Mrs. J. Kanimozhi	Yes	6	Yes
11.	Probability and Statistics	Dr. K. Raja	Yes	6	Yes
12.	Handheld Computing: Design and Application	Mr. M. Shanmugam	Yes	6	Yes

	Development				
13.	Programming in PHP	Mr. S. Kumarakrishana	Yes	6	Yes
14.	Software Engineering and Testing	Dr. M. Ganesan	Yes	6	Yes
15.	Software Project Management	Dr. R.Ramachandiran	Yes	6	Yes
16.	Biometric Systems	Mr. Anandh	Yes	6	Yes
17.	Medical Robotics	Mrs. Sudha	Yes	6	Yes
18.	Data Science and Digital Marketing Analytics	Mrs. S. Deeba	Yes	6	Yes
19.	Virtual Reality	Mr. P. Karthikeyan	Yes	6	Yes
20.	Network Security	Mrs. P.R. Jayanti	Yes	6	Yes
21.	Automation Techniques & Tools- DevOps	Mr. Praveen	Yes	6	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
758	54	1:14

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	
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3.7 Learning Outcomes

S.No	Particular	Yes / No	Remarks (if any)
1.	PO, PEO, PSO, CO are well stated	Yes	-
2.	Correlation of COs with POs and PSOs for each Course	Yes	-
3.	Course Outcome Attainment Calculated	Yes	Mention the target: 60%
4.	PSO and PO attainment through CO	Yes	-

3.8 Student Performance in End Semester Examination

Academic Year 2022-2023 [Even Semester]

IV year / VIII Semester(Batch: 2019-2023)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	176	-
2	Number of All Clear Students	176	-
3	Number of Students passed with Distinction	59	-
4	Number of Students passed with First Class	117	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	-	-
7	Passing Percentage	100%	-

III Year / VI Sem(Batch: 2020-2024)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	189	-
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	4	-
7	Passing Percentage	98%	-

II Year / IV Sem(Batch: 2021-2025)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	188	7
2	Number of All Clear Students	174	7
3	Number of Students passed with Distinction	-	7
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-

6	Number of Students Failed	14	-
7	Passing Percentage	93%	100%

I Year / II Sem(Batch: 2022-2026)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	180	4
2	Number of All Clear Students	163	4
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	17	-
7	Passing Percentage	90%	100%

Academic Year 2023-2024 [Odd Semester]

IV year / VII Sem (Batch: 2020-2024)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	189	-
2	Number of All Clear Students	172	-
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	17	-
7	Passing Percentage	91%	-

III Year / V Sem (Batch: 2021-2025)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	188	-
2	Number of All Clear Students	171	-
3	Number of Students passed with Distinction	-	-
4	Number of Students passed with First Class	-	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	17	-
7	Passing Percentage	91%	-

II Year / III Sem (Batch: 2022-2026)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	195	4
2	Number of All Clear Students	121	4

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	75	-
7	Passing Percentage	62%	100%

I Year / I Sem (Batch : 2023-2027)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	175	-
2	Number of All Clear Students	122	-
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	53	-
7	Passing Percentage	70%	-

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	600	
2.	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	50	
3.	Student Exit Survey conducted and Analysed	Yes	75	
4.	Alumni Feedback conducted and Analysed	Yes	30	

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
NIL					

5.3 Faculty Publications

Publication Details

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 Factor
1.	2023-24	15	SCI , Scopus & UGC			

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	-
Number of Publication in International Journals	15
Number of Publication in National Conferences	-
Number of Publication in International Conferences	3
Number of Books / Book Chapters	1
Number of Patent (Filed)	NIL
Number of Patents Granted	03

National Journal -- NIL

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

International Journal - 15

Sl. No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, Issue, pp, Year /ISSN	Indexing / UGC /Scopus/ SCI	Impact Factor

1.	Identification and analysis of Rice leaf disease using Capsule neural network	Dr.K.Premkumar Dr.Mohanarangan S.Subasree R.Deepa R.Vaidegi	International journal of novel research and development	Vol-8, Issue - 7, PP – 581 to 587, Year – July 2023 ISSN: 2456-4184	UGC	8.76
2.	Detection and elimination of network anomaly in SDN using Trust Analysis	M.Shanmugam S.Santhosh Rajan	International journal of novel research and development	Vol - 8, Issue - 7, PP – 247 to 252, Year- July 2023 ISSN: 2456-4184	UGC	8.76
3.	Agriculture crop analysis using Hadoop	R.Ramachandiran Narmada.N	International journal of novel research and development	Vol - 8, Issue - 7, PP – 400 to 404, Year - July 2023/ ISSN: 2456-4184	UGC	8.76
4.	Railway track fault analysis system using CNN	P.Karthikeyan P.Nirmaladevi	International journal of advanced research in computer science and engineering technologies	Vol - 4, Issue - 3, PP – 1 to 11, Year - June 2023 / ISSN: 2454-9924	UGC	-
5.	Detecting disease in Pine using Deep learning techniques applied to multi spectral images	Dr.T.Megala T.Sarumathi	International journal of advanced research in computer science and engineering technologies	Vol - 4, Issue - 3, PP – 1 to 10, Year - June 2023 / ISSN: 2454-9924	UGC	-
6.	Smart Health Cyber-Physical system with Distributed Electronic Health Records and Medical System	Dr. M. Ganesan N. Pavithra	International journal of advanced research in computer science and engineering technologies	Vol - 4, Issue - 3, PP – 1 to 8, Year - June 2023 / ISSN: 2454-9924	UGC	-
7.	Smart Trolley with Automatic Billing System using IOT	Dr. K PremKumar M. Padma	International Journal of Research and Analytical Reviews (IJRAR)	Vol – 10, Issue – 1, PP – 1612 to 1616, Year – June 2023 / ISSN: 2349-6002	UGC	7.17

8.	The Effectiveness Of Implementing Geofencing In Improving The Quality Of Student Engagement In Colleges	E. Aartheeswari Dr. M. Ganesan Dr. R. Saravanan C. Hemachandra n	Journal of Xidian University	Vol – 8, Issue – 11, PP – 76 to 82, Year – June 2023 / ISSN: 1001-2400	SCOPUS	5.4
9.	Identification And Analysis of Rice Leaf Disease Using Capsule Neural Network	Dr.N. Moganaranga n Dr.K.Premkumar Mrs.S. Subasree Mrs.R. Deepa R. Vaidegi	International Journal of Novel Research and Development	Vol - 8, Issue – 7, PP – 581 – 587, Year - July 2023 / ISSN: 2456-4184	UGC	8.14
10.	Nanorobotics and Artificial Intelligence for NonInvasive Clot Dissolution A Breakthrough Approach in Thrombosis Treatment	S. Subasree1 P. Nidhishkumar A. Pradeep Kumar S. Elakkiyan	International Journal for Multidisciplinary Research (IJFMR)	Vol - 5, Issue - 5, PP – 1 -12, Year - October 2023 / ISSN: 2582-2160	UGC	9.24
11.	Enhancing Healthcare Through Robotic Telemedicine A Self-Controlled Temperature Monitoring Robot for Remote DoctorPatient Interactions	Mrs.S. Subasree Dr.K.Premkumar Dr.N. Moganaranga n P.Soundarya P.Nidhish Kumar	International Journal of Novel Research and Development	Vol - 8, Issue – 9, PP – 459 to 463, Year - September 2023 / ISSN: 2456-4184		8.14
12.	An enhanced Affective computing technology for fostering an emotionally healthy workplace: An association between affective decision-making and mental health	Mr. G. Aurobind Ramachandiran R	Journal of Intelligent & Fuzzy Systems	ISSN 1064-1246 Publisher: IOS Press.	SCI	2.00

13.	Fuzzy Logic-enabled Autonomous IoT systems for proactive maintenance in Industry 4.0 Digital Twin Scenario	Dr.T.Megala Dr.D.Udaya Dr.Terrance Fredrick Frenandez Dr.S.V.Vimal a Mrs.R.Deepa	Optical and Quantum Electronics	Vol - 56, Issue – 505, pp.505 Year - January 2024 / https://doi.org/10.1007/s11082-023-06133-5 30	SCI	3.0
14.	Survey on Polymorphic Wheelchair for Locomotry Disabled person using NLP and IOT	Mr.P.Kathikyan, Somesh BM,Mugundan D, Rahul B	International Journal of Research and Analytics	Vol - 10, Issue - 4, PP – 213 to 222, Year - December 2023 / ISSN 2349-5138	UGC	-
15.	Survey Of Various Machine Learning Algorithms For Text Summarization Of Online News Article	Arokiaraj Christian Saint Hubert Kiran Gowtham S VS Prabalesh 4Roger Louis	Journal of Emerging Technologies and Innovative Research	Vol -11, Issue – 2, PP – 400 to 407, Year February 2024 / ISSN-2349-5162	UGC	-

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
Nil						

International Conference- 03

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	High Definition P2P Streaming: Quantitative Schema Analysis	Lakshmana Phaneendra Maguluri J. Raja S Basheer Ahamed Vinay Kumar Seeniappan	2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)	2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)	ISBN:979-8-3503-1591-2	IEEE Explore

		Kaliappan Chitra Devi D				
2	An AI Integrated Emotional Responsive System: Kanmani-The Bot for India	Mr. G. Aurobind Ramachandiran R	ICSCAN 2023 5th International Conference on Systems, Computation, Automation and Networking.	ICSCAN 2023 5th International Conference on Systems, Computation, Automation and Networking.	ISBN:979-8-3503-1513-4	IEEE Explore
3	Data Leakage Detection Using ML	Ramachandiran R Amudhini J Priya P Harini C Dr. K. Premkumar	ICSCAN 2023 5th International Conference on Systems, Computation, Automation and Networking.	ICSCAN 2023 5th International Conference on Systems, Computation, Automation and Networking.	ISBN:979-8-3503-1513-4	IEEE Explore

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1.	Artificial Neural Networks	Dr. T. Megala Mr. S. Kumarakrishnan Mrs. R. Deepa Dr. S. Geetha	9789357621106	Alpha International Publication
2.	Artificial Intelligence: Reshaping human life and environment	Dr.J.Raja	9989347621236	https://notionpress.com/read/artificial-intelligence-reshaping-human-life-and-environment

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	Ms. R. Rajitha	Ms. R. Rajitha	Security in the	202341010314	India	ublished

	Jasmine Dr. G. Senthil Kumar Dr. K. Hemapriya Dr. J. Raja	Jasmine	cloud with a Token-based Authenticatio n and Agreement Protocol	A		
2	Dr.T,Megala Mrs.V.kalai vani Dr.Senthil kumar janahan Mrs.D.Sudha Dr.D.Udaya Mrs.R.Ranjani Mr.U.Sakthivel u	Dr.T,Megala Mrs.V.kalai vani Dr.Senthil kumar janahan Mrs.D.Sudha Dr.D.Udaya Mrs.R.Ranjani Mr.U.Sakthivel u	An efficient IOMT enabled smart healthcare device for Monitoring Elderly People	15/01/2024	India	ublished
3	Dr.Payal Patel Dr.Raindr Bhardwaj Mr.Anand Swaroop Mr.Arokiaraj Christian St Hubert	Dr.Payal Patel Dr.Raindr Bhardwaj Mr.Anand Swaroop Mr.Arokiaraj Christian St Hubert	AI Based Wall Plastering Machine	0861-001 & 19/1/2024	India	ublished

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships (2023- 2024)

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1.	THANANYA M	UNISYS	9 months	3/7/2023	2/4/2024
2.	SELVADHARSHINI R S	UNISYS	9 months	3/7/2023	2/4/2024
3.	KUDUPUDI CHAKRADHAR	UNISYS	9 months	3/7/2023	2/4/2024
4.	DHANESHVAR M	UNISYS	9 months	3/7/2023	2/4/2024
5.	ABIRAMI L	UNISYS	10 months	21/9/2023	21/7/2024
6.	ABIMANYU R	ZOHO	7 months	4/10/2023	5/5/2024
7.	MAHESHARUN A S	ZOHO	7 months	4/10/2023	5/5/2024
8.	ROGER LOUIS	SOCIETE GENERALE	6 months	25/1/2024	25/7/2024
9.	SOMESH.B.M	FORD	7 months	6/2/2024	21/7/2024
10.	VISHNU PRIYA.S	ACMEGRADE	6 months	22/2/2024	22/8/2024
11.	AMIRITHA KRISHNAN.T	HINDUSTAN PETROLEUM CORPORATION LIMITED	3 months	21/2/2024	3/6/2024
12.	THAMARAIVALAVAN	AMZETTA	3 months	01/02/2024	30/04/2024
13.	SANDEEP SAMUEL.J	KAAR	6 months	20/11/2023	19/5/2024
14.	NISHANTHINI .V	TECH/IERA	3 months	26/2/2024	26/5/2024

		INNOVATION PVT LIMITED			
15.	MANOJE.P	INTEGRA	2 months	27/02/2024	27/04/2024
16.	SAMIULLAH.S	TATA COMMUNICATION	3 months	4/3/2024	04/06/2024
17.	SACHIN.S.K	TATA COMMUNICATION	3 months	4/3/2024	04/06/2024

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)

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	CodeBind Technologies , Coimbatore	02.06.2023	Students	170
2	UMGINE , Chennai	24.02.2024	Students	177

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	ABE semiconductors and Design	25.05.2023	Training, Placement, Research	5 years

SECTION – VII: STUDENT PROGRESSION

7.1 Placements (2023 – 2024)

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1.	ASHWANTH PRITHISH A	KAAR	6.50
2.	DEVIBALAPONNOUSSAMY.M	KAAR	6.50
3.	ISAIREKHA B	KAAR	6.50
4.	SANDEEP SAMUEL A	KAAR	6.50
5.	ABIRAMI L	Unisys	8.40
6.	DHANESHVAR M	Unisys	8.40
7.	KUDUPUDI CHAKRADHAR	Unisys	8.40
8.	SELVADHARSHINI R S	Unisys	8.40
9.	THANANYA M	Unisys	8.40
10.	ABINAV KRISHNA.S.K.	Hexaware	4.00
11.	BHARKAVI. R	Hexaware	4.00
12.	BHAVANA R	Hexaware	4.00
13.	DHANALAKSHMI.R	Hexaware	4.00

14.	GIRIDHARAN S	Hexaware	4.00
15.	HARSHINI K	Hexaware	4.00
16.	KATHIRVEL T	Hexaware	4.00
17.	LOKESHWARAN R	Hexaware	4.00
18.	MADHANRAJ. S	Hexaware	4.00
19.	MAHESHARUN A S	Hexaware	4.00
20.	PRADHEESHA S	Hexaware	6.00
21.	PRASANNA. P	Hexaware	4.00
22.	RAGURAM V	Hexaware	4.00
23.	RAJASURIYA R	Hexaware	4.00
24.	SABARI BALAJI. C	Hexaware	4.00
25.	SUGANDAN E	Hexaware	4.00
26.	SWETHA S	Hexaware	4.00
27.	ABIMANYU. R	ZOHO	5.40
28.	MAHESHARUN A S	ZOHO	5.40
29.	DHEEPIKA C	Infiniti	3.50
30.	DIVYADHARSHINI A	Infiniti	3.50
31.	KEERTHANA G	Infiniti	3.50
32.	ROGER LOUIS R	TCS (Pega)	3.86
33.	PALANIAPPA VIJESH M	TCS (Pega)	3.86
34.	SHRI ASIKAA S	TCS (Pega)	3.86
35.	ROGER LOUIS R	Socitie General	5.43
36.	KIRUBHA E	Vodafone(PEGA)	7.25
37.	SOMESH. B.M.	Ford Motors(PEGA)	6.00
38.	ABARNA.S	Accenture	4.00
39.	AGALYA S	Accenture	4.00
40.	ASVIDHA. T	Accenture	4.00
41.	HARINI M	Accenture	4.00
42.	JABEIN.M	Accenture	4.00
43.	JAYANT K	Accenture	4.00
44.	JAYANTHI S	Accenture	4.00
45.	KAVIYA. L	Accenture	4.00
46.	SANJAI KUMAR. P	Accenture	4.00
47.	SINDHU SREE .P.T	Accenture	4.00
48.	VISHNUPRASATH R.S	Accenture	4.00
49.	KEERTHANA G	Accenture	4.00
50.	SRI HARIHARAN A	Tech Mahindra (PEGA)	4.50
51.	LAKSHMANAN V	TCS Digital	7.00
52.	MOHAMED ASHIK S	TCS Digital	7.00
53.	MOHAMMED IBRAHIM N	TCS Digital	7.00
54.	NISHAATHIRY.K	TCS Digital	7.00
55.	RAGHUL E	TCS Digital	7.00
56.	SANDHIYA V	TCS Digital	7.00
57.	KATHIRVEL T	TCS Digital	7.00
58.	ASVIDHA. T	TCS Digital	7.00
59.	JABEIN.M	TCS Digital	7.00
60.	AGALYA S	TCS Ninja	3.36
61.	ASHWANTH PRITHISH A	TCS Ninja	3.36
62.	BRINDASRI R	TCS Ninja	3.36
63.	DARSHINI. B	TCS Ninja	3.36
64.	DHANALAKSHMI.R	TCS Ninja	3.36

65.	DHIVYAPRABHA V	TCS Ninja	3.36
66.	DINAKAR G	TCS Ninja	3.36
67.	DIVYADHARSHINI A	TCS Ninja	3.36
68.	GIRIDHARAN S	TCS Ninja	3.36
69.	GURURAMAN T N	TCS Ninja	3.36
70.	HARINI M	TCS Ninja	3.36
71.	HARINI R	TCS Ninja	3.36
72.	HARISH B	TCS Ninja	3.36
73.	HARSHINI SREE M	TCS Ninja	3.36
74.	HEMAPUSHPAVATHY.K	TCS Ninja	3.36
75.	ISHWARYA S	TCS Ninja	3.36
76.	KAVIYA C	TCS Ninja	3.36
77.	KAVIYA. L	TCS Ninja	3.36
78.	KEERTHANA G	TCS Ninja	3.36
79.	LEAKHAA G	TCS Ninja	3.36
80.	LOHITH KUMAR V	TCS Ninja	3.36
81.	MADESH V	TCS Ninja	3.36
82.	MUGUNDHAN. D	TCS Ninja	3.36
83.	MUGUNTHAN TK	TCS Ninja	3.36
84.	PAVITHRA M	TCS Ninja	3.36
85.	PRABALESH P	TCS Ninja	3.36
86.	PRASANNA. P	TCS Ninja	3.36
87.	RAGURAM V	TCS Ninja	3.36
88.	RAJASURIYA R	TCS Ninja	3.36
89.	SACHIN S K	TCS Ninja	3.36
90.	SAKTHI HARISH S	TCS Ninja	3.36
91.	SAMIULLAH S	TCS Ninja	3.36
92.	SANJAIKUMAR.M	TCS Ninja	3.36
93.	SHADISH KUMAR. S	TCS Ninja	3.36
94.	SINDHU SREE .P.T	TCS Ninja	3.36
95.	SURUTHY SREE T	TCS Ninja	3.36
96.	SWETHA S	TCS Ninja	3.36
97.	SWETHA S	TCS Ninja	3.36
98.	THINESH KANNAN R K	TCS Ninja	3.36
99.	VISHNUPRASATH R.S	TCS Ninja	3.36
100	YUVASREE S	TCS Ninja	3.36
101	GANGULA KARUNA SURENDRA	TCS Ninja	3.36
102	ACKSHAIYA.S	Movate	2.50
103	ERRAGUNTA SATYA VINAYAK	Movate	2.50
104	LEAKHAA G	Movate	2.50
105	SHADISH KUMAR. S	Movate	2.50
106	HARIPRASATH V	Integra	2.40
107	SOUMYA.R	Integra	2.40
108	VEDHARATCHANA A	Integra	2.40
109	THARUNPRASHANTH G	Integra	2.40
110	RAGHULGURU AP	Integra	2.00
111	DHANUSH KOUMARE.A	Integra	2.00
112	SRIKANTH G	Integra	2.00
113	SANJAY.R	Integra	2.00
114	DHINESH KUMAR. A	Integra	2.00
115	HEMA SRI. K	Integra	2.00

7.2 Higher Studies (2023-24)

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1.	PANNEERSELVAM C	Indian Institute Of Technology(Indian School Of Mines) Dhanbad	M.Tech Computer Science and Engineering
2.	AADITYA V	Cardiff Metropolitan University, Wales, United Kingdom.	M.Sc Data Science
3.	SRI DIVYA VADAPALLI	Texas Tech University, USA	Masters in Computer Science
4.	RAGULE G	Ecole De Management De Normandie, Business School,France	Master of Science International Marketing and Business Development
5.	NALADALA VENKATA SAI NANDU	The University of Tulsa, United States	MS Computer Science
6.	AMIRTHA E	Coventry University, London, United Kingdom	MSc International Project Management
7.	SALONI J	Shiv Nadar University, Chennai	M.Tech-Artificial Intelligence and Data Science
8.	SAVITHA.M	Pondicherry University	MBA
9.	JAIVARSHA.S	Pondicherry University	MBA (International Business)
10.	SANTHOSHKUMAR. R	Sri Manakula Vinayagar Engineering College, Puducherry	M.Tech – Artificial Intelligence & Data Science
11.	KARTHIK GOVINDARAJ	Sri Manakula Vinayagar Engineering College, Puducherry	M.Tech – Artificial Intelligence & Data Science
12.	SRI RAJANITHYA	Sri Manakula Vinayagar Engineering College, Puducherry	M.Tech Computer Science and Engineering
13.	NIVAS C	Manakula Vinayagar Institute of Technology, Puducherry	M.B.A

7.3 Entrepreneur

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

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under(Department / Student Association/ Profession Chapter / 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.	Aswathaman. R, Kalaiarasan.S, Sakthi. R, Mathew Samuel	AICTE IDEALAB 48 Hour Nationwide Hackathon	Gokaraju Rangaraju Institute of Engineering and Technology	First Prize Money of INR 50000
2.	Barani M	CODE DEBUGGING	“ICON” Pondicherry Technological University	First Prize with Cash Award 1200
3.	Rishab Kumar B	CODE DEBUGGING	“ICON” Pondicherry Technological University	Second prize with Cash Award 500.
4.	Joushiya C Ashwini R	CODE GULF	“ICON” Pondicherry Technological University	Third prize with Cash Award 1000
5.	Dhinesh Saravanan V Sharath Jayan G M	MOBILE APP DEVELOPMENT	“ICON” Pondicherry Technological University	First Prize with Cash Award 800
6.	Janani.V, Anupriya.P, Sivasankari.R	ELECTION PREMIER LEAGUE - CRICKET	Election Department, Government of Puducherry	Second Prize with Cash Price 5000, Trophy and Medals
7.	Harini. M	Table Tennis	Rajiv Gandhi Vetnary College	First prize
8.	Veronica. A	Hackathon	NIT, Karaikal	Second prize
9.	Niranjan. K, Manibala. V,	Technical Paper Presentation	Christ Technoks24	First prize

	Sababathirajan Saravana Bharathy			
10.	Dinesh Kumar	Code Debugging	Christ Technoks24	Second prize
11.	Gokul. L	Paper Presentation	Velammal Engineering College	First prize
12.	Dhivya Prasath. J	Technical Quiz - National Level Symposium CARAXE-2024	Velammal Engineering College	Third prize
13.	Dhivya Prasath. J	Bug Bash - National Level Symposium CARAXE-2024	Velammal Engineering College	Third prize
14.	Madhumitha	Origami	Pondicherry Technological University	First Prize with cash prize of Rs.1000
15.	Deepak	Clash of Codes	Pondicherry Technological University	First Prize with cash prize of Rs.1000
16.	Ramya.R.S	Three point shooter	Pondicherry Technological University	First Prize with cash prize of Rs.500
17.	Maha Swetha	Three point shooter	Pondicherry Technological University	Third Prize
18.	Shadika	Drawing - Womens day Celebration	SMVEC	Third Prize
19.	Roshini	English Essay Writing Womens day Celebration	SMVEC	Third Prize
20.	Devishree T	English Elocution - Womens day Celebration	SMVEC	First Prize
21.	Dhinesh Saravanan V Sharath Jayan. GM	Technical Quiz - Techoasis	SMVEC	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	Dr.R.Ramachandiran	Technical Reviewer at Second IEEE and ACM International Conference on Emerging Trends in Information Technology and Engineering, VIT, Vellore
2	Dr.R.Ramachandiran	Recognized as one of the Top 5 performers in FEP conducted by CTS
3	Mr.M.Shanmugam	Resource Person, One day National Seminar at Arignar Anna Arts College Villupuram
4	Mr.M.Shanmugam	Speaker for Deep Drive in to Python, Dwaraka Doss Goverdhan Dos Vaishnav College

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

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1	Dr.M.Ganesan	Reviewer in Imaging Science Journal
2	Dr.M.Ganesan	Reviewer in Computer Methods in Biomechanics and Biomedical Engineering
3	Dr.M.Ganesan	Reviewer in Electronic Government, an International Journal.
4	Mr. B. Thiyagarajan	Reviewer in Measurement: Sensors (Elsevier)
5	Mrs.S.Subasree	Reviewer in Asian Journal of Research in Computer Science
6	Dr. T.Megala	Reviewer in Optical Networks, Springer Journal

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.Ganesan	Best Teacher Award - Sri Manakula Vinayagar Engineering College

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.Arokiaraj Christian St Hubert	Modern Research Convergence in Next Generation Computing (FDP)	Sri Krishna College of Engineering and Technology	5
2.	Mr.Arokiaraj Christian St Hubert	Data Analytics using python (FDP)	ICT Academy	5
3.	Mr.Arokiaraj Christian St Hubert	Full Stack Application Development with Ms Azure cloud (STTP)	Tech Saksham	6
4.	S.Deeba	Modern Research Coverage in Next Generation Computing	Sri Krishna College of Engineering and Technology	5
5.	S.Deeba	Emerging Trends in Data Analytics	Saveetha College of Liberal Arts and Science	5
6.	S.Deeba	Research Paper Writing and IP rights	A.G.Patil Institute of Technology	3
7.	S.Deeba	Latest Trend and Techniques in Software Engineering: An Industry perspective	CHRIST (Deemed to be University)	7

8.	S.Deeba	Python Programming with DJANGO Framework for Building Web Applications	CMR Engineering College	5
9.	Dr.J.Raja	Modern Research Convergence in Next Generation Computing (FDP)	Sri Krishna College of Engineering and Technology	5
10.	Dr.J.Raja	Inculcating Universal Human Values in Technical Education	AICTE	5
11.	Dr.M.Ganesan	Computer Vision, Machine Learning And Deep Learning	Panimalar Engineering College, Chennai	5
12.	Mr. B.Thiyagarajan	Data Analytics using python (FDP)	ICT Academy	5
13.	Mrs. C. Kalpana	Data Analytics using python (FDP)	ICT Academy	5
14.	Mrs. C. Kalpana	TensorFlow for Machine Learning(FDP)	ICT Academy	5
15.	Mr. M. Shanmugam	FDP - Advance Technology Programme	Wipro	6
16.	Mr. M. Shanmugam	FDP – ML and its Real-time Applications	SMVEC	6
17.	Mr. M. Shanmugam	International Conference on Cyber and Information Security	Presented a Paper	2
18.	Mr. M. Shanmugam	Workshop – Basics of Android App Development	New Technology	5
19.	Dr. K. Premkumar	Data Analytics using python (FDP)	ICT Academy	5
20.	Dr. K. Premkumar	TensorFlow for Machine Learning(FDP)	ICT Academy	5
21.	Mr.D.Rajesh	LaTex Programming	SMVEC	2
22.	Mr.D.Rajesh	Machine Learning and its Real-Time Applications	SMVEC	5
23.	Mr.D.Rajesh	Workshop – National Cyber Security Summit 24	SMVEC	2
24.	Mrs.S.Subasree	Modern Research Convergence in Next Generation Computing	Sri Krishna College of Engineering and Technology	7
25.	Mrs.S.Subasree	AI Tools & Prompt Engineering	Anil Neerukonda Institute of Technology and Sciences	7

26.	Dr.T.Megala	Python Programming with Django Framework for Building Web application	CMR Engineering College,Hyderabad	5
27.	Dr.T.Megala	Data Analytics using Python (FDP)	ICT Academy	5
28.	Dr.T.Megala	Advanced Research Methodology	SRM Institute of Science and Technology	14
29.	Dr.R.Ramachandiran	Workshop – National Cyber Security Summit 24	SMVEC	2
30.	Dr.R.Ramachandiran	National Seminar On “Advancements in Instrumentation Engineering through Artificial Intellgencs: Challenges and Opportunities”	SMVEC	2
31.	V.Swathilakshmi	Latest Trend and Techniques in Software Engineering: An Industry perspective	CHRIST (Deemed to be University)	7
32.	V.Swathilakshmi	Python Programming with DJANGO Framework for Building Web Applications	CMR Engineering College	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

(Dr.K.Premkumar)



Date: 13.04.2024

Recommendations for Computer Science Engineering:

Section	Remarks
Curricular Aspects	All documents submitted as part of the curriculum are authentic and verified the same.
Teaching, Learning and Evaluation	All documents related to teaching, learning, and evaluation are authentic and verified the same.
Structured Feedback	Hard copy of Analyzing feedback from various stakeholder's documents have been verified
Research, Innovation and Publications	All documents are verified related to Research, Innovation and Publications, and suggested to improve Scopus and SCI publications.
Collaborations and Linkages	Documents are verified and suggested to concentrate on more MoU and other MoU related activities.
Student Progression	Student placement, higher studies details are verified
Activity Conducted / Organized by the Department	Suggest faculties to involve more activities like, Resource Person, Reviewer in Conference and Journals.
Achievements	All the Achievements related files and documents are verified
General Remarks	Good

Signature of the Internal Academic Audit Experts

Dr.S.B. Lenin,
Professor,
Department of ECE,
Sri Manakula Vinayagar Engineering College.

Dr. K.Naveen Kumar,
Assistant Professor,
Department of ICE,
Sri Manakula Vinayagar Engineering College.



**SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE**

An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107



INTERNAL QUALITY ASSURANCE CELL

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF INFORMATION TECHNOLOGY



ACADEMIC AND ADMINISTRATIVE AUDIT
(Academic Year 2023-2024)
Internal Audit

SECTION -1: BASIC INFORMATION

Audit Date	08.04.2024		
Name of the Department	Information Technology		
Year of Establishment	1999		
Programs Offered	Name of the Program	Approved Intake	
	B.Tech (Information Technology)	180	
Head of the Department	Dr.R. Raju, Professor		
Number of full time Teachers	Professor	3	
	Associate Professor	7	
	Assistant Professor	36	
Number of Technical Staff			
Number of Students	For B.Tech:		
	Year	Strength	
	First Year	172	
	Second Year	184	
	Third Year	186	
	Fourth Year	160	
Total	702		
Faculty Student Ratio	1:15		

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 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.R.Raju	Chairman	Introduced New Curriculum 2023	-
2	Dr.K.Lakshmi	Internal Member	Introduced the Evaluation Systems for Curriculum 2023	-
3	Dr.R.Saravanan	Internal Member	Framed the Syllabus for Reg 2023 U23ITT101- IT Essentials	I/I
4	Dr.S.Balaji	Internal Member	Framed the Syllabus for Reg 2023 U23ITTC01 – Digital Design and System Architecture	I/II

❖ **Note:** All the Staff Members are involved in formulation of Curriculum and Syllabus of Reg2023

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	63
2.	III/V	Professional Elective – II : Data Visualization	U20ITE507	62
3.	III/V	Professional Elective – II : Automation Techniques and Tools - DevOps	U20ITCM08	61
4.	IV/VII	Professional Elective – IV : Machine Learning	U20ITE716	110
5.	IV/VII	Professional Elective – IV : Green Computing	U20ITCM06	50

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	63
2	III/V	AI&DS	Open Elective – II :Principle of Artificial Intelligence and Machine Learning	U20ADO503	123
3	IV/VII	ICE	Open Elective – IV : Industrial Automation	U20ICO705	59
4	IV/VII	AI&DS	Open Elective – IV : Artificial Intelligence Applications	U20ADO706	101

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 II : General Aptitude-I	U20ITS302	184
2.	III/V	Skill Development Course 4: Career and Professional Skill Development Program-I	U20ITS504	186
3.	III/V	Skill Development Course 5: Presentation Skills using ICT	U20ITS505	186

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	172
2.	II/III	Certification Course III :CCNA (Routing and Switching)	U20ITC326	184
3.	III/V	Certification Course V : Advanced Java Programming	U20ITC503	186

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	172
2	II/III	Physical Education	U20ITM303	184
3	III/V	Indian Constitution	U20ITM505	186
4	IV/VII	Professional Ethics	U20ITM707	160

SECTION -3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester – I/I (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.	U23MATC01 Engineering Mathematics – I	Mr. M. Devanathan	60	60	64
		Mrs. M. Subathra			
2.	U23ESTC03 Basics of Electrical and Electronics Engineering	Mr. C. Rajeshkumar	45	45	45
		Mrs. D. Meena			
3.	U23CSTC01 Programming in C	Mr. D. Prabhu	45	45	45
		Mrs. D. Poonguzhali			
		Mrs. N. Nandhini			
4.	U23ITT101 IT Essentials	Dr. S. Balaji	45	45	45
		Ms. K. Sandia			
		Ms. S. Pramila			
5.	U23HSTC01 Universal Human Values – II	Dr. Pushpita Dash	30	30	30
		Mr. P. S. Vijaya Baskaran			
6.	U23ENBC01 Communicative English - I	Dr. P. Rajeswari	60	60	60
7.	U23ESPC01 Basics of Electrical and Electronics Engineering Laboratory	Mr. C. Rajeshkumar	30	30	30
		Mrs. D. Meena			
8.	U23CSPC01 Programming in C Laboratory	Mr. D. Prabhu	30	30	30
		Mrs. D. Poonguzhali			
		Mrs. N. Nandhini			
9.	U23ESPC03 Engineering Graphics Using AutoCAD	Mr. HemanthKumar	30	30	30
		Mr. Harish			

Semester – II/III (20202-2026)

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.	U20BST322 Numerical Methods	Dr.A.Ashok	45	45	45
		Dr.A.Ashok			
		Dr.A.Ashok			
2.	U20EST356 Data Structures	Dr.N.Thilagavathi	45	45	45
		Ms.N.Vijayalakshmi			
		Ms.Sindhuja			
3.	U20EST359 Programming in C++	Mrs.V.Padmapriya	45	45	45
		Mr.T.Periyasamy			
		Mr.T.Maheshwaran			
4.	U20ITT305 Computer Networks	Mrs.J.Narmatha	45	45	45
		Mr.K.Shanmugaraja			
		Mrs.M.Banupriya			
5.	U20ITT306 Database Management Systems	Mr.S.Ravivarman	45	45	45
		Mr.V.Vijayakaran			
		Dr.R.Saravanan			
6.	U20ITT307 Software Engineering and Project Management	Dr.K.Lakshmi	45	45	45
		Dr.R.Raju			
		Dr.R.Raju			
7.	U20HSP301 General Proficiency – I	Ms.Mahalakshmi	30	30	30
8.	U20BSP323 Numerical Methods Laboratory	Dr.A.Ashok	30	30	30
		Mr.M.Devanathan			
		Dr.A.Ashok			
9.	U20ESP357 Data Structures Laboratory	Dr.N.Thilagavathi	30	30	30
		Ms.N.Vijayalakshmi			
		Ms.Sindhuja			
10.	U20ESP360 Programming in C++ Laboratory	Mrs.V.Padmapriya	30	30	30
		Mr.T.Periyasamy			
		Mr.T.Maheshwaran			
11.	U20ITP303 Database Management Systems Laboratory	Mr.S.Ravivarman	30	30	30
		Mr.V.Vijayakaran			
		Dr.R.Saravanan			

Semester – III/V (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.	Probability and Statistics	Mr. M. Devanathan	60	60	60
		Mr. M. Devanathan			
		Mrs.S.P.Lavanya			
2.	Mobile Computing	Mrs. E. Valarmathi	45	45	45
		Ms.L.Durgadevi			
		Mrs. C. Vanaja			
3.	Data Warehousing and Data Mining	Mr. G. Prabu	45	45	45
		Mr. R. Ramji			
		Mrs. N. Kalaiselvi			
4.	Network Security	Mrs. S. Pushpavalli	45	45	45
		Mrs.M.Lakshmiprabha			
		Mrs. D. Aishwarya			
5.	Automation Techniques and Tools -Devops	Mr. S. Mohan Kumar	45	45	45
	Software Testing	Mrs. S. Pramila			
	Data Visualization	Mrs. J. Shankardevi			
6.	Fuzzy Logic and Neural Networks	Mr.J.Jeevanandham	45	45	45
	Principle of Artificial Intelligence and Machine Learning	Ms.S.Aishwariya			
		Ms.V.Shivaeeshwari			
7.	Mobile Computing Laboratory	Mrs. E. Valarmathi	30	30	30
		Ms.L.Durgadevi			
		Mrs. C. Vanaja			
8.	Data Warehousing and Data Mining Laboratory	Mr. G. Prabu	30	30	30
		Mr. R. Ramji			
		Mrs. N. Kalaiselvi			
9.	Network Security Laboratory	Mrs. S. Pushpavalli	30	30	30
		Mrs.M.Lakshmiprabha			
		Mrs. D. Aishwarya			

Semester – IV/VII (2020-2024)

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	Dr.R.Anandkumar	45	45	45
		Mrs.K.Bhavani			
		Mr.R.Suresh			
2.	IoT and Edge Computing	Dr.B.Vijayakumar	45	45	45
		Mrs.S.Thamaraikannan			
		Mr.P.Praveenkumar			
3.	Machine Learning	Mrs.A.Sarkunavathi	45	45	45
	Machine Learning	Mr.T.Mugilan			
	Green Computing	Mrs.S.Vinodhini			
4.	Industrial Automation	Mrs.T.Sudha	45	45	45
	Artificial Intelligence Application	Mrs.S.Lakshmi Priya			
	Artificial Intelligence Application	Ms.V.Shivaeeshwary			
5.	Cloud Computing Laboratory	Dr.R.Anandkumar	30	30	30
		Mrs.K.Bhavani			
		Mr.R.Suresh			
6.	IoT and Edge Computing Laboratory	Dr.B.Vijayakumar	30	30	30
		Mrs.S.Thamaraikannan			
		Mr.P.Praveenkumar			

3.2 Use of ICT Tools in Teaching Learning

Semester – I/I(2023-2027)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mr. M. Devanathan	U23MATC01 Engineering Mathematics – I	PPT
	Mrs. M. Subathra		
2.	Mr. C. Rajeshkumar	U23ESTC03 Basics of Electrical and Electronics Engineering	PPT
	Mrs. D. Meena		
3.	Mr. D. Prabhu	U23CSTC01 Programming in C	PPT
	Mrs. D. Poonguzhali		
	Mrs. N. Nandhini		
4.	Dr. S. Balaji	U23ITT101 IT Essentials	PPT
	Ms. K. Sandia		
	Ms. S. Pramila		
5.	Dr. Pushpita Dash	U23HSTC01 Universal Human Values – II	PPT
	Mr. P. S. Vijaya Baskaran		
6.	Dr. P. Rajeswari	U23ENBC01 Communicative English - I	PPT
7.	Mr. C. Rajeshkumar	U23ESPC01 Basics of Electrical and Electronics Engineering Laboratory	MANUAL/WORK BOOK
	Mrs. D. Meena		
8.	Mr. D. Prabhu	U23CSPC01 Programming in C Laboratory	MANUAL/WORK BOOK
	Mrs. D. Poonguzhali		
	Mrs. N. Nandhini		
9.	Mr. HemanthKumar	U23ESPC03 Engineering Graphics Using AutoCAD	MANUAL/WORK BOOK
	Mr. Harish		

Semester – II/III (2022-2026)

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/WORK BOOK
8.	Dr.A.Ashok	U20BSP323 Numerical Methods Laboratory	MANUAL/WORK BOOK
	Mr.M.Devanathan		
	Dr.A.Ashok		
9.	Dr.N.Thilagavathi	U20ESP357 Data Structures Laboratory	MANUAL/WORK BOOK
	Ms.N.Vijayalakshmi		
	Ms.Sindhuja		
10.	Mrs.V.Padmapriya	U20ESP360 Programming in C++ Laboratory	MANUAL/WORK BOOK
	Mr.T.Periyasamy		
	Mr.T.Maheshwaran		
11.	Mr.S.Ravivarman	U20ITP303 Database Management Systems Laboratory	MANUAL/WORK BOOK
	Mr.V.Vijayakaran		
	Dr.R.Saravanan		

Semester – III/V (2021-2025)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Mr. M. Devanathan	Probability and Statistics	PPT
	Mr. M. Devanathan		
	Mrs.S.P.Lavanya		
2.	Mrs. E. Valarmathi	Mobile Computing	PPT
	Ms.L.Durgadevi		
	Mrs. C. Vanaja		
3.	Mr. G. Prabu	Data Warehousing and Data Mining	PPT
	Mr. R. Ramji		
	Mrs. N. Kalaiselvi		
4.	Mrs. S. Pushpavalli	Network Security	PPT
	Mrs.M.Lakshmiprabha		
	Mrs. D. Aishwarya		
5.	Mr. S. Mohan Kumar	Automation Techniques and Tools -Devops	PPT
	Mrs. S. Pramila	Software Testing	
	Mrs. J. Shankardevi	Data Visualization	
6.	Mr.J.Jeevanandham	Fuzzy Logic and Neural Networks	PPT
	Ms.S.Aishwariya	Principle of Artificial Intelligence and Machine Learning	
	Ms.V.Shivaeshwari		
7.	Mrs. E. Valarmathi	Mobile Computing Laboratory	MANUAL/WORK BOOK
	Ms.L.Durgadevi		
	Mrs. C. Vanaja		
8.	Mr. G. Prabu	Data Warehousing and Data Mining Laboratory	MANUAL/WORK BOOK
	Mr. R. Ramji		
	Mrs. N. Kalaiselvi		
9.	Mrs. S. Pushpavalli	Network Security Laboratory	MANUAL/WORK BOOK
	Mrs.M.Lakshmiprabha		
	Mrs. D. Aishwarya		

Semester – IV/VII (2020-2024)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Dr.R.Anandkumar Mrs.K.Bhavani Mr.R.Suresh	Cloud Computing	PPT
2.	Dr.B.Vijayakumar Mrs.S.Thamaraikannan Mr.P.Praveenkumar	IoT and Edge Computing	PPT
3.	Mrs.A.Sarkunavathi	Machine Learning	PPT
	Mr.T.Mugilan	Machine Learning	
	Mrs.S.Vinodhini	Green Computing	
4.	Mrs.T.Sudha	Industrial Automation	PPT
	Mrs.S.Lakshmi Priya	Artificial Intelligence Application	
	Ms.V.Shivaeeshwary	Artificial Intelligence Application	
5.	Dr.R.Anandkumar Mrs.K.Bhavani Mr.R.Suresh	Cloud Computing Laboratory	MANUAL/WORK BOOK
6.	Dr.B.Vijayakumar Mrs.S.Thamaraikannan Mr.P.Praveenkumar	IoT and Edge Computing Laboratory	MANUAL/WORK BOOK

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Amazon Web Services	Mr. P. Vignesh	05.08.2023	55
2	Data Warehousing and Data Mining	Mr. P.Sasidharan	07.09.2023	53
3	Artificial Intelligence And Its Applications	Mr. Balaji	09.09.2023	52
4	Wired and Wireless Network Protocols	Mr. P. Aravindhan	14.09.2023	55
5	GPRS	Mr. Ashok	16.09.2023	55
6	IoT and its Real Time Applications	Mr. Soundararajan	23.09.2023	55
7	Design Thinking	Mr. S. Arul	30.09.2023	53
8	Presenting real-world Case studies where data warehousing and data mining have led to significant business Insights.	Dr. A.B. Chandra	07.10.2023	55
9	Data Warehousing and Data Mining	Mr. P. Vignesh	14.10.2023	53
10	Data Preprocessing	Mr. S. Yogaraj	21.10.2023	50
11	VANET	Ms. Subashini	21.10.2023	53
12	PHP Scripting	Mr. M. Santhosh	28.10.2023	53
13	Mobile Adhoc networks	Dr. Naresh	04.11.2023	55
14	Advanced topics in C++	Dr. S. Castro	10.11.2023	55
15	Complex SQL Queries	Mr. Arul	11.11.2023	53
16	Advanced techniques for Smart Phone service and Troubleshooting	Dr. C.N.S Vinoth Kumar,	11.11.2023	53
17	PHP and MySQL	Dr. R. Arunkumar	13.11.2023	60
18	Basic C Programming	Dr. R. Arul Kumar	13.11.2023	55
19	Data Analytics using Python	Mr. P. Aravindan	16.11.2023	52
20	DevOps on Cloud	Mr. M. Santhosh	18.11.2023	55
21	Hands-on session on PHP and MySQL	Mr. Prakash Velayudham	21.11.2023	55
22	Networking	Mr. R. Logesh	25.11.2023	60
23	The Role of C in Programming	Dr. S. Castro	01.12.2023	55
24	Overview of Networking	Ms. Anslam Sibi	03.12.2023	55
25	How Database is important in industry and Current scenario and Opportunities in database	Dr. Naresh	09.12.2023	52
26	Growth of Networks	Mr. P. Aravindhan	09.12.2023	53
27	Learn C++ Programming –Beginner to Advance	Dr. V. Arul Kumar	16.12.2023	53
28	Cloud Databases	Mr. P. Vignesh	16.12.2023	55
29	ERP system for business process	Mr. R. Prasanna	18.12.2023	55
30	Advanced topics in C++	Dr. S. Castro	18.12.2023	63
31	Communication of Dev (Developer) and Ops (Operational / infrastructure)	Dr. P. Victor Paul	23.12.2023	55
32	Various Transaction processing system	Mr. Soundararajan	23.12.2023	55

3.4 Activities for Slow and Advanced Learners
Semester – I/II(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.	U23MATC01 Engineering Mathematics – I	Mr. M. Devanathan	Yes	8	Yes
		Mrs. M. Subathra	Yes	8	Yes
2.	U23ESTC03 Basics of Electrical and Electronics Engineering	Mr. C. Rajeshkumar	Yes	8	Yes
		Mrs. D. Meena	Yes	8	Yes
3.	U23CSTC01 Programming in C	Mr. D. Prabhu	Yes	8	Yes
		Mrs. D. Poonguzhali	Yes	8	Yes
		Mrs. N. Nandhini	Yes	8	Yes
4.	U23ITT101 IT Essentials	Dr. S. Balaji	Yes	8	Yes
		Ms. K. Sandia	Yes	8	Yes
		Ms. S. Pramila	Yes	8	Yes
5.	U23HSTC01 Universal Human Values – II	Dr. Pushpita Dash	Yes	8	Yes
		Mr. P. S. Vijaya Baskaran			
6.	U23ENBC01 Communicative English - I	Dr. P. Rajeswari	Yes	8	Yes

Semester – II/III (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.	U20BST322 Numerical Methods	Dr.A.Ashok	Yes	8	Yes
		Dr.A.Ashok	Yes	8	Yes
		Dr.A.Ashok	Yes	8	Yes
2.	U20EST356 Data Structures	Dr.N.Thilagavathi	Yes	8	Yes
		Ms.N.Vijayalakshmi	Yes	8	Yes
		Ms.Sindhuja	Yes	8	Yes
3.	U20EST359 Programming in C++	Mrs.V.Padmapriya	Yes	8	Yes
		Mr.T.Periyasamy	Yes	8	Yes
		Mr.T.Maheshwaran	Yes	8	Yes
4.	U20ITT305 Computer Networks	Mrs.J.Narmatha	Yes	8	Yes
		Mr.K.Shanmugaraja	Yes	8	Yes
		Mrs.M.Banupriya	Yes	8	Yes
5.	U20ITT306 Database Management Systems	Mr.S.Ravivarman	Yes	8	Yes
		Mr.V.Vijayakaran	Yes	8	Yes
		Dr.R.Saravanan	Yes	8	Yes
6.	U20ITT307 Software Engineering and Project Management	Dr.K.Lakshmi	Yes	8	Yes
		Dr.R.Raju	Yes	8	Yes
		Dr.R.Raju	Yes	8	Yes

Semester – III/V (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.	Probability and Statistics	Mr. M. Devanathan	Yes	8	Yes
		Mr. M. Devanathan	Yes	8	Yes
		Mrs.S.P.Lavanya	Yes	8	Yes
2.	Mobile Computing	Mrs. E. Valarmathi	Yes	8	Yes
		Ms.L.Durgadevi	Yes	8	Yes
		Mrs. C. Vanaja	Yes	8	Yes
3.	Data Warehousing and Data Mining	Mr. G. Prabu	Yes	8	Yes
		Mr. R. Ramji	Yes	8	Yes
		Mrs. N. Kalaiselvi	Yes	8	Yes
4.	Network Security	Mrs. S. Pushpavalli	Yes	8	Yes
		Mrs.M.Lakshmiprabha	Yes	8	Yes
		Mrs. D. Aishwarya	Yes	8	Yes
5.	Automation Techniques and Tools -Devops	Mr. S. Mohan Kumar	Yes	8	Yes
	Software Testing	Mrs. S. Pramila	Yes	8	Yes
	Data Visualization	Mrs. J. Shankardevi	Yes	8	Yes
6.	Fuzzy Logic and Neural Networks	Mr.J.Jeevanandham	Yes	8	Yes
	Principle of Artificial Intelligence and Machine Learning	Ms.S.Aishwariya	Yes	8	Yes
		Ms.V.Shivaeeshwari	Yes	8	Yes

Semester – IV/VII (2020-2024)

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	Dr.R.Anandkumar	Yes	8	Yes
		Mrs.K.Bhavani	Yes	8	Yes
		Mr.R.Suresh	Yes	8	Yes
2.	IoT and Edge Computing	Dr.B. Vijayakumar	Yes	8	Yes
		Mrs.S.Thamaraikannan	Yes	8	Yes
		Mr.P.Praveenkumar	Yes	8	Yes
3.	Machine Learning	Mrs.A.Sarkunavathi	Yes	8	Yes
	Machine Learning	Mr.T.Mugilan	Yes	8	Yes
	Green Computing	Mrs.S.Vinodhini	Yes	8	Yes
4.	Industrial Automation	Mrs.T.Sudha	Yes	8	Yes
	Artificial Intelligence Application	Mrs.S.Lakshmi Priya	Yes	8	Yes
	Artificial Intelligence Application	Ms.V.Shivaeeshwary	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
702	46	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 stated has been verified and found satisfactory
3	Course Outcome Attainment Calculated	Yes	Mention the target: <ul style="list-style-type: none"> ➤ For the final year (20-24 batch) the set attainment level is 58% of students to secure B grade and above. ➤ For the third year (21-25batch) the set attainment level is 55% of students to secure B grade and above. ➤ For the Second year (22-26 batch) the set attainment level is 58% of students to secure C grade and above. ➤ For the First year (23-27 batch) the set attainment level is 58% of students to secure C grade and above.
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(2023-2027)

Sr. No	Particular	B.Tech
1	Number of Students appeared	172
2	Number of All Clear Students	123
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	49
7	Passing Percentage	71%

Semester – II/III (2022-2026)

Sr. No	Particular	B.Tech
1	Number of Students appeared	184
2	Number of All Clear Students	139
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	75%

Semester – III/V (2021-2025)

Sr. No	Particular	B.Tech
1	Number of Students appeared	186
2	Number of All Clear Students	147
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	39
7	Passing Percentage	79%

Semester – IV/VII (2020-2024)

Sr. No	Particular	B.Tech
1	Number of Students appeared	160
2	Number of All Clear Students	141
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	88%

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	495	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.	No	-	-
4	Alumni Feedback conducted and Analyzed.	No	-	-

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	Mr. R.Suresh	Software	FABC,Dubai	50,000	6 Months
2	Mr. R.Suresh	Software	I-HUB,Pune	50,000	6 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	2020-2021	17	15	5	4	2.5336
2	2021-2022	7	6	10	2	1.4325
3	2022-2023	37	19	9		
4	2023-2024	18(9 published & 9 accepted)	05(4 published & 1 accepted)	-	-	-

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	-
Number of Publication in International Journals	23
Number of Publication in National Conferences	-
Number of Publication in International Conferences	15
Number of Books / Book Chapters	08
Number of Patent (Filed)	02
Number of Patents Granted	03
Number of Design Patent (Filed)	-
Number of Design Patent Granted	01

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.	Diabetic Retinopathy Severity Prediction Using Deep Learning Techniques	Dr. R. Raju,	International Journal of Intelligent Information Technologies	Volume 19 • Issue 1, ISSN: 1548-3657, 2023	Compendex (Elsevier Engineering Index), SCOPUS, Web of Science Emerging
2.	The Effectiveness Of Implementing Geofencing In Improving The Quality Of Student Engagement In	Dr.R. Saravanan	Journal of Xidian University	VOLUME 17, ISSUE 11, pp.76-82, 2023, ISSN	Ugc approved journal (UGC CARE II)
3.	An Optimistic Approach to Identify the Quantity of Controller to be placed in SDN	Pradeesshma .T, Dr. V.S.K. Venkatachalapathy, Dr. Raja.P Dr. R. Raju, Victor Paul	IEEE Xplore	ISBN. 979-8-3503-1512-7	Scopus indexed
4.	Bio-Inspired Optimization Algorithm using Quantum Computing for Solving Engineering Problem	Dr. R. Raju Sri Lakshmi Likkhitha Yuvasri	Journal of Xi'an University of Architecture & Technology	Volume XV, Issue 12, pp.484-496, 2023, 1006-7930.	Ugc approved journal (UGC CARE II) Scopus indexed journal
5.	Survey on Multifaceted Impacts: Assessing the Integration of Augmented Reality (AR) and Virtual Reality (VR) in Education for Autistic Children	Dr. Lakshmi, Haritha K, Afaa N, Abinaya G	International Journal for Multidisciplinary Research (IJFMR)	Volume 6, Issue 1, February 2024, E-ISSN:	Peer reviewed journal
6.	Comprehensive Review on Navigation System for Visually Impaired	Dr.K.Lakshmi Ayeesha S Kiruthiga S Priyadharshini M	International Journal of All Research Education & Scientific Methods (IJARESM)	Volume 12, Issue 3, March-2024, 2455-6211	Peer reviewed journal
7.	Generative AI for Fashion Trends Suggestions	Dr. K Lakshmi , Arifa A , Swetha Ambroise G , Hema Rehkas	International Journal of All Research Education and Scientific Methods (IJARESM)	Vol.12, Issue 3, March-2024, ISSN: 2455-6211.	Peer reviewed journal
8.	Breast cancer detection using quantum ML and DL and comparison with ML and DL	Mr. R Suresh , Niroubama V , Trisha S , Dheepika A	International Journal of All Research Education and Scientific Methods (IJARESM)	Volume 12, Issue 4, April-2024, ISSN: 2455-6211.	Peer reviewed journal

9.	Academic Credentials Issuance and Validation System Using Blockchain	Bhavani K, Suman K, Kiran Yadav S, Gadiraju Rajesh Varma	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH IN ENGINEERING AND MANAGEMENT (IJSREM)	ISSN: 2582-3930, Volume: 08, Issue: 03, March - 2024	Peer reviewed journal	
10	Survey on fashion augmented reality using hand gesture	Mr. Vijayakumar B, Miruthulaa G Jayashree B Jayasri R	International journal of scientific research in engineering and management (IJSREM)2024	2582-3930	Peer reviewed journal	
11	IOT Based Smart Energy Metering And Informed Decision Maker	Praveenkumar.P, Joe Leeburg.A, Mohammed Afrith.F, Kabilan M.B	International Journal of Current Science (IJCS PUB)	pp.25-29,2024, ISSN: 2250-1770	Peer reviewed journal	
12	Automatic Question Paper Generator Using Artificial Intelligence	PRABHU D, YOGESH S, RAGUL V	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume: 08, Issue: 04, pp.1-6, April - 2024 ISSN: 2582-3930	Peer reviewed journal	
13	A Survey on Personalized Learning Course Recommendations with Bert and Collaborative Filtering	PRABHU.D, HEMACHANDIRAN A, HARISH MK, NAVINRAJ KS,	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume: 08, Issue: 04, ISSN: 2582-3930, April - 2024	Peer reviewed journal	
14	A Comprehensive Study on Smart Health Monitoring Systems For Miners	Dr.Balaji S, Dr.R. Saravanan Monisha B Preethi M Jayasri alias Jayavarshini S	Mapana Journal of Sciences (Accepted and registered)	0975-3303	ugc approved journal	1.5
15	Exploring Human Anatomy in the Digital Age: An Augmented Reality (AR) and Virtual Reality (VR) Integration for Gen Z	Dr. Puspita dash Mohamed MusrathJ Sai Sooriya s Claudius Keveen	Mapana Journal of Sciences (Accepted and registered)	0975-3303	Ugc approved journal (UGC CARE)	1.5
16	Immutable Communication System Based on Blockchain Technology	Dr. Puspita dash Brindha S Hari Sowmiyaa A T Ranetha V	Mapna Journal of Sciences (Accepted and registered)	0975-3303	Ugc approved journal (UGC CARE)	1.5
17	Bilingual Automated Recognition System On Code Switched Data Using Generative Pre-Trained Transformer Model	Dr. Puspita dash Sruthi B Logeswari S Devadarshini B	Mapana Journal of Sciences (Accepted and registered)	0975-3303	ugc approved journal(UGC CARE)	1.5

18	Behavioral Biometrics for Smart Security	Mr.AnandKumar R Kanitha M Madumitha B Sivaranjine A	Mapna Journal of Sciences (Accepted and registered)	0975-3303	ugc approved journal(UGC CARE)	1.5
19	Quantum Based Private Chat Space for Secure Organization	Dr.Poornambikai K Vignesh C Atchudhan S Srijiith V	Scientific and Technical Journal of Information Technologies Mechanics and Optics (Accepted and registered)	2226-1494	Scopus indexed journal and UGC approved journal	0.3
20	Enhanced Fraud Detection in Medical Insurance Claims using Graph Neural Networks	Mrs. Vanaja C Tushar R Balaji R Balamanikandan B	Mapana Journal of Sciences (Accepted and registered)	0975-3303	Ugc approved journal (UGC CARE)	1.5
21	Decentralized Voting System Using Multimodal Authentication	Mr. Periyasamy T Sasidharan R Charan Venkatachalam Bharathi Venkata Krishna G	Mapana Journal of Sciences (Accepted and registered)	0975-3303	Ugc approved journal (UGC CARE)	1.5
22	Robotic Simulation Using Gaming In Augmented Reality	Ms. Durgadevi L Pragati M Prathiba S Supriya P	Mapana Journal of Sciences (Accepted and registered)	0975-3303	Ugc approved journal (UGC CARE)	1.5
23	Securing Pdfs: An Innovative Hybrid Algorithm For Image-Based Malware Detection	maheshwaran.T, karthik.A, sai chaitanya, Madasu Manideep	Mapana Journal of Sciences (Accepted and registered)	0975-3303	Ugc approved journal (UGC CARE)	1.5

National Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
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.	Automatic Transaction System using RFID Tag	Dr. Puspita Dash, Kalaiselvi .N, Vanaja .C, Vijayalakshmi .N	Proceedings of International Conference on Cyber and Information Security (ICCIS-2023)	International Conference on Cyber and Information Security(ICCIS-2023) October 5 th&6th , 2023	ISBN: 978-93-94412-20-0	Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous), Chennai
2.	Survey on Reconnaissance Activity Monitoring and Harmful Object Detection System Using Deep Learning	Bhavani.K, Lakshmiprabha.M , Padmapriya.V, Valarmathi.E	Proceedings of International Conference on Cyber and Information Security (ICCIS-2023)	International Conference on Cyber and Information Security(ICCIS-2023) October 5 th&6th , 2023	ISBN: 978-93-94412-20-0	Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous), Chennai
3.	Encryption of Biometric Data Using Advanced Encryption Standard	Praveen Kumar .P, Dr. B.Vijayakumar, Dr. R. Anandkumar, Prabu .G	Proceedings of International Conference on Cyber and Information Security (ICCIS-2023)	International Conference on Cyber and Information Security(ICCIS-2023) October 5 th&6th , 2023	ISBN: 978-93-94412-20-0	Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous), Chennai
4.	Handyman Web-Application Via The End Customer Using PhpAnd Mysql	R. Suresh , T.Periyasamy , T. Maheshwaran , R. Vijaya Prabhu	Proceedings of International Conference on Cyber and Information Security (ICCIS-2023)	International Conference on Cyber and Information Security(ICCIS-2023) October 5 th&6th , 2023	ISBN: 978-93-94412-20-0	Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous), Chennai
5.	An Optimistic Approach to identify the controller to be placed in SDN	Dr. R.Raju	5 th IEEE International Conference on System,computation, Automation and Networking(ICSCAN)	5 th IEEE International Conference on System,computation, Automation and Networking (ICSCAN) 17.11.2023 to 18.11.2023	ISBN. 979-8-3503-1512-7	IEEE Explore
6.	Ensemble Text Classification with TF-IDF vectorization for Hate Speech Detection In Social Media	Mr. P. Praveen Kumar	5 th IEEE International Conference on System,computation, Automation and Networking(ICSCAN)	5 th IEEE International Conference on System,computation, Automation and Networking (ICSCAN) 17.11.2023 to 18.11.2023	ISBN. 979-8-3503-1512-7	IEEE Explore
7.	A Comprehensive Study on Smart Health Monitoring Systems For Miners	Dr.Balaji S, Dr.R.Saravanan, Monisha B Preethi M Jayasri alias Jayavarshini S	International Conference on Sustainable Advanced Computing (ICSAC)	22.03.2024 and 23.03.2024		Christ University, Bangalore

8.	Exploring Human Anatomy in the Digital Age: An Augmented Reality (AR) and Virtual Reality (VR) Integration for Gen Z	Dr. Puspita dash Mohamed MusrathJ Sai Sooriya s Claudius Keveen	International Conference on Sustainable Advanced Computing (ICSAC)	22.03.2024 and 23.03.2024		Christ University, Bengalore
9.	Immutable Communication System Based on Blockchain Technology	Dr. Puspita dash Brindha S Hari Sowmiyaa A T Ranetha V	International Conference on Sustainable Advanced Computing (ICSAC)	22.03.2024 and 23.03.2024		Christ University
10	Bilingual Automated Recognition System On Code Switched Data Using Generative Pre-Trained Transformer Model	Dr. Puspita dash Sruthi B Logeswari S Devadarshini B	International Conference on Sustainable Advanced Computing (ICSAC)	22.03.2024 and 23.03.2024		Christ University
11	Behavioral Biometrics for Smart Security	Mr.AnandKumar R Kanitha M Madumitha B Sivaranjine A	International Conference on Sustainable Advanced Computing (ICSAC)	22.03.2024 and 23.03.2024		Christ University
12	Enhanced Fraud Detection in Medical Insurance Claims using Graph Neural Networks	Mrs. Vanaja C Tushar R Balaji R Balamanikandan B	International Conference on Sustainable Advanced Computing (ICSAC)	22.03.2024 and 23.03.2024		Christ University
13	Decentralized Voting System Using Multimodal Authentication	Mr. Periyasamy T Sasidharan R Charan Venkatachalam Bharathi Venkata Krishna G	International Conference on Sustainable Advanced Computing (ICSAC)	22.03.2024 and 23.03.2024		Christ University
14	Robotic Simulation Using Gaming In Augmented Reality	Ms. Durgadevi L Pragati M Prathiba S Supriya P	International Conference on Sustainable Advanced Computing (ICSAC)	22.03.2024 and 23.03.2024		Christ University
15	Securing Pdfs: An Innovative Hybrid Algorithm For Image-Based Malware Detection	maheshwaran.T, karthik.A, sai chaitanya, Madasu Manideep	International Conference on Sustainable Advanced Computing (ICSAC)	22.03.2024 and 23.03.2024		Christ University

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1.	Book Chapter: Optimal Cryptographic Approach Based on Secure Post-Quantum Cryptographic Algorithms and Classical Algorithms	Dr. R. Raju Mrs. Kalaiselvi N.	ISBN13: 9781668476796 ISBN10: 1668476797 EISBN13	IGI GLOBAL Stochastic Processes and Their - Applications in Artificial Intelligence July, 2023
2.	Book Chapter: A Survey on Fake News Detection Using Word Embedding Using the Linguistic Features	Dr. Puspita Dash, Mrs. Sakthiyavathi K.	ISBN13: 9781668476796 ISBN10: 1668476797 EISBN13	IGI GLOBAL Stochastic Processes and Their Application in Artificial Intelligence-July, 202
3.	Book Chapter: Aggressive Social Media Use Detection Based on Deep Learning	Mrs. Amutha S., Umapiya T., Dr. Puspita Dash	ISBN13: 9781668476796 ISBN10: 1668476797 EISBN13	IGI GLOBAL Stochastic Processes and Their Application in Artificial Intelligence-July, 202
4.	Book Chapter: Classification of Parkinson's Disease Based on Machine Learning	Dr. Puspita Dash	ISBN13: 9781668476796 ISBN10: 1668476797 EISBN13	IGI GLOBAL Stochastic Processes and Their Application in Artificial Intelligence-July, 202
5.	Book Chapter : Voice-Based E-Mail System for Visually Impaired People Using AI Techniques	Dr. Puspita Dash, Mr. Rajkumar E., Mrs. Anupriya K.	ISBN13: 9781668476796 ISBN10: 1668476797 EISBN13	IGI GLOBAL Stochastic Processes and Their Applications in Artificial Intelligence-July, 2023
6.	Book Chapter : Phishing Detection Based on Content-Based Analysis Using Url Based Machine Learning Model	Dr. Puspita Dash	ISBN : 978-81- 965582-7-7	Published by : Internal Quality Assurance Cell (IQAC)-September 2023 Annamalai University, Annamalai Nagar. Title of the Book: Applications of AI in Emerging Research and Education
7.	Book Chapter : Sustainable Development Through the Life Cycle of Electronic Waste Management	P. Praveen Kumar	ISBN: 9781394166176	Published by : Scrivener publishing Title of the Book: SUSTAINABLE MANAGEMENT OF ELECTRONIC WASTE
8.	Privacy-preserving Computing: Balancing Security and Privacy in the Digital Age	T.Maheshwaran	ISBN: 978-81-970457-9-0	Published by: San International Scientific Publications Title of the Book: Exploring the Frontiers of Artificial Intelligence and Machine Learning Technologies.

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.Raju	1. Dr.R.Raju 2. Dr.S.Balaji 3. Dr.R.Saravanan 4. N Kalaiselvi 5. Dr. Puspita Dash	E-Vehicle Energy Consumption Prediction Based On Driver Behaviour	202341048865 & 20/07/2023	India	Filled
2.	Dr.R.Raju	1. Dr.R.Raju 2. Dr.R.Saravanan 3. Dr.S.Balaji 4. Mrs.N. Kalaiselvi 5. Dr. Puspita Dash 6. Mr. R. Suresh	An Iot Based Household Water Leakage Detection Model	202341048880 & 20/07/2023	India	Filled
3.	Ms. L.Durgadevi	Ms. L.Durgadevi	Iot Based Smart Classroom Attendance System In E-Learning Application	202321072118 & 22/10/2023	India	Published
4.	Dr. Puspita Dash	Dr. Puspita Dash	A Novel Approach For The Identification Of Bird Species Using Cnn	202441009551 & 13/02/2024	India	Published
5.	Dr. Puspita Dash	Dr. Puspita Dash	Cloud Based Health Care Management Using Qr Code	202441007160 & 02/02/2024	India	Published

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.	6330605	02/12/2023	BLOCKCHAIN ENABLED DEVICE FOR NETWORK SECURITY	Mr.PRABHU DJEAPRAGASSAM	

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.	SANJAI P	Hexaware	6 months	13-10-2023	
2.	Brindha S	Hexaware	6 months	13-10-2023	
3.	Poonguzhali k	Hexaware	6 months	13-10-2023	
4.	SANTHIYA M	Hexaware	6 months	13-10-2023	
5.	Ayeesha S	Hexaware	6 months	13-10-2023	
6.	Ragasangeetha H	Hexaware	6 months	13-10-2023	
7.	Sri Lakshmi A	Hexaware	6 months	13-10-2023	
8.	Shabana Begum A	Hexaware	6 months	13-10-2023	
9.	Naveen Chander R	Hexaware	6 months	13-10-2023	
10.	Akshaya M	Hexaware	6 months	13-10-2023	
11.	SARANYA D	Hexaware	6 months	13-10-2023	
12.	SRUTHI B	Hexaware	6 months	13-10-2023	
13.	Likkhitha L V	Hexaware	6 months	13-10-2023	
14.	Jayapriyadharshini S	Hexaware	6 months	13-10-2023	
15.	Madumitha B	Hexaware	6 months	13-10-2023	
16.	Manga Sethu Deepika	Hexaware	6 months	13-10-2023	
17.	Balaji R	Hexaware	6 months	13-10-2023	
18.	Sakresh Sivakumar	Hexaware	6 months	13-10-2023	
19.	ABISHEK ALIAS KRISHNA	Hexaware	6 months	13-10-2023	
20.	Devasri	Hexaware	6 months	15-10-2023	
21.	Ragavi	Unisys,Bangalore	9 months	15-10-2023	
22.	Swapna.G	Unisys,Bangalore	9 months	15-10-2023	
23.	Sreeparvathy Vs	Unisys,Bangalore	9 months	15-10-2023	
24.	Ashok K	Unisys,Bangalore	9 months	15-10-2023	
25.	Yogalakshmi R	Unisys,Bangalore	9 months	15-10-2023	
26.	Thirlok Swaminathan S	Unisys,Bangalore	9 months	15-10-2023	
27.	Charan Venkatachalam	Unisys,Bangalore	9 months	15-10-2023	
28.	Jeevidha R	Unisys,Bangalore	9 months	15-10-2023	
29.	Haritha K	Unisys,Bangalore	9 months	15-10-2023	
30.	Supriya P	Unisys,Bangalore	9 months	15-10-2023	
31.	Arifa A	Unisys,Bangalore	9 months	15-10-2023	
32.	Devasri	Unisys,Bangalore	9 months	21-09-2023	
33.	Ms Preethi M	Virtusa,Chennai	6 months	21-09-2023	
34.	Ms Monisha B	Virtusa,Chennai	6 months	21-09-2023	
35.	Mr Logesh Varman S	Virtusa,Chennai	6 months	21-09-2023	
36.	Mr Abishek Alias Krishna B	Virtusa,Chennai	6 months	21-09-2023	
37.	Mr Ravi Kiran N	Virtusa,Chennai	6 months	21-09-2023	
38.	Ms Haritha K	Virtusa,Chennai	6 months	21-09-2023	
39.	Mr Mohamed Musrath J	Virtusa,Chennai	6 months	21-09-2023	
40.	Mr Krishna Raj A	Virtusa,Chennai	6 months	21-09-2023	
41.	Mr Suman K	Virtusa,Chennai	6 months	21-02-2024	
42.	Ms K Charumathi K	I HuB Pune	6 months	13-10-2023	

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	NIL			

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	Qoneqt,Mumbai	03.11.2023	Internship, Training and Placement Activity	2 years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	73
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.	Sakresh S	TCS	7.31 LPA
2.	Mohammed Afrith F	TCS	7.31 LPA
3.	Vignesh C	TCS	7.31 LPA
4.	Thanigaivelan A	TCS	7.31 LPA
5.	Blesswin Raj K	TCS	7.31 LPA
6.	Jeevidha R	TCS	7.31 LPA
7.	Poonguzhali K	TCS	7.31 LPA
8.	Thenmalar S	TCS	7.31 LPA
9.	Hari Sowmiyaa A.T	TCS	3.36 LPA
10.	Balaji R	TCS	3.36 LPA
11.	Divya V	TCS	3.36 LPA
12.	Naveen Chander R	TCS	3.36 LPA
13.	Balachander K	TCS	3.36 LPA
14.	Jayasri R	TCS	3.36 LPA
15.	Ayeesha S	TCS	3.36 LPA
16.	Sanjai P	TCS	3.36 LPA
17.	Keerthivasan R	TCS	3.36 LPA
18.	Balaganesh S	TCS	3.36 LPA
19.	Yuvasri M	TCS	3.36 LPA
20.	Jayashri I	TCS	3.36 LPA
21.	Sri Karthika R	TCS	3.36 LPA
22.	Christelle Nadine E	TCS	3.36 LPA
23.	Mukilan S	TCS	3.36 LPA
24.	Ranetha V	TCS	3.36 LPA
25.	Charumathi K	TCS	3.36 LPA
26.	Praveen K	TCS	3.36 LPA
27.	Joe Leeburg A	TCS Pega	3.86 LPA
28.	Jayasri R	Accenture	5.5 LPA

29.	Thirlok Swaminathan S	CommViva	4.5 LPA
30.	Ragasangeetha H	Socitie Generale	6.5 LPA
31.	Atchudhan.S	Qatar Airways	4.5 LPA
32.	SANJAI P	Hexaware	4 LPA
33.	Brindha S	Hexaware	4 LPA
34.	Poonguzhali k	Hexaware	4 LPA
35.	SANTHIYA M	Hexaware	4 LPA
36.	Ayesha S	Hexaware	4 LPA
37.	Ragasangeetha H	Hexaware	4 LPA
38.	Sri Lakshmi A	Hexaware	4 LPA
39.	Shabana Begum A	Hexaware	4 LPA
40.	Naveen Chander R	Hexaware	4 LPA
41.	Akshaya M	Hexaware	4 LPA
42.	SARANYA D	Hexaware	4 LPA
43.	SRUTHI B	Hexaware	4 LPA
44.	Likkhitha L V	Hexaware	4 LPA
45.	Jayapriyadharshini S	Hexaware	4 LPA
46.	Madumitha B	Hexaware	4 LPA
47.	Manga Sethu Deepika	Hexaware	4 LPA
48.	Balaji R	Hexaware	4 LPA
49.	Sakresh Sivakumar	Hexaware	4 LPA
50.	ABISHEK ALIAS KRISHNA	Hexaware	4 LPA
51.	Devasri	Hexaware	4 LPA
52.	Ragavi	Unisys,Bangalore	8.9 LPA
53.	Swapna.G	Unisys,Bangalore	8.9 LPA
54.	Sreeparvathy Vs	Unisys,Bangalore	8.9 LPA
55.	Ashok K	Unisys,Bangalore	8.9 LPA
56.	Yogalakshmi R	Unisys,Bangalore	8.9 LPA
57.	Thirlok Swaminathan S	Unisys,Bangalore	8.9 LPA
58.	Charan Venkatachalam	Unisys,Bangalore	8.9 LPA
59.	Jeevidha R	Unisys,Bangalore	8.9 LPA
60.	Haritha K	Unisys,Bangalore	8.9 LPA
61.	Supriya P	Unisys,Bangalore	8.9 LPA
62.	Arifa A	Unisys,Bangalore	8.9 LPA
63.	Ms Preethi M	Virtusa,Chennai	6.5 LPA
64.	Ms Monisha B	Virtusa,Chennai	6.5 LPA
65.	Mr Logesh Varman S	Virtusa,Chennai	6.5 LPA
66.	Mr Abishek Alias Krishna B	Virtusa,Chennai	6.5 LPA
67.	Mr Ravi Kiran N	Virtusa,Chennai	6.5 LPA
68.	Ms Haritha K	Virtusa,Chennai	6.5 LPA
69.	Mr Mohamed Musrath J	Virtusa,Chennai	6.5 LPA
70.	Mr Krishna Raj A	Virtusa,Chennai	6.5 LPA
71.	Mr Suman K	Virtusa,Chennai	6.5 LPA
72.	Ms K Charumathi K	I HuB Pune	3 LPA
73.	Atchudhan.S	Qoneqt	4.2 LPA

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1.	Karthikeyan tinagarane	Sweeden,Malmö University	MS(Internet of things)
2.	ManojKumar.M	ISEP (Paris Institute of Digital Technology), France	Cybersecurity and Networking
3.	Hemavathi.U	Anna University / St Joseph Institute of Technology	MBA

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.	Sardar Unity Trinity Quiz	Department	02.06.2023	National	2
2.	Energy Literacy Training	Energy Swaraj Foundation	02.09.2023	National	180
3.	HackElite 2023	Institutions Innovation council	24.11.2023 & 25.11.2023	National	4

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	Data Science using Python	Department	19.01.24 & 20.01.24	National	25

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	Ramya Ramalingam	TCS iON Career Edge - Young professional	Tata Consultancy Services	Completion
2	janani murugesan	TCS iON Career Edge - Young professional	Tata Consultancy Services	Completion
3	Deekshana	TCS iON Career Edge - Young professional	Tata Consultancy Services	Completion
4	Harish MK	Quality assurance of Blended And Online learning	Commonwealth of learning	Completion
5	Harish MK	Foundations of Assessing Learning Online	Commonwealth of learning	Completion
6	Harish MK	Learning Design For Emerging Learning Environments	Commonwealth of learning	Completion
7	Navinraj	Machine Learning for Everyone	Commonwealth of learning	Completion
8	Navinraj	Foundations of Assessing Learning Online	Commonwealth of learning	Completion
9	Navinraj	Learning Design For Emerging Learning Environments	Commonwealth of learning	Completion

10	Hemachandiran A	Learning Design For Emerging Learning Environments	Commonwealth of learning	Completion
11	Hemachandiran A	Machine Learning for Everyone	Commonwealth of learning	Completion
12	Hemachandiran A	Quality assurance of Blended And Online learning	Commonwealth of learning	Completion
13	Hemachandiran A	Foundations of Assessing Learning Online	Commonwealth of learning	Completion
14	Harish MK	Machine Learning for Everyone	Commonwealth of learning	Completion
15	Oviya V	ICON 2023	PTU	2nd prize
16	Oviya V	ICON 2023-Code Golf	PTU	Participation
17	Oviya V	ICON 2023- Debugging	PTU	Participation
18	Divakar E	ICON 2023- Paper Presentation	PTU	1st Prize
19	Divakar E	ICON 2023 - Mobile Application Development	PTU	Participation
20	Divakar E	ICON 2023 - UI Design	PTU	Participation
21	Divakar E	ICON 2023- Pot pourri	PTU	3rd Prize
22	Abishek Palani	Workshop-Phase 1	Creators of Metaverse	Completion
23	Thamimul Ansari M	Workshop-Phase 1	Creators of Metaverse	Completion
24	Ashigha M	Workshop-Phase 1	Creators of Metaverse	Completion
25	Kaviyalakshmi	Workshop-Phase 1	Creators of Metaverse	Completion
26	Aiswarya R	Workshop-Phase 1	Creators of Metaverse	Completion
27	Anubhamika Mg	Workshop-Phase 1	Creators of Metaverse	Completion
28	Sengeniammal Natrajan	Workshop-Phase 1	Creators of Metaverse	Completion
29	Keerthi	Workshop-Phase 1	Creators of Metaverse	Completion
30	Yogapriya	Workshop-Phase 1	Creators of Metaverse	Completion
31	Kaviyalakshmi	Workshop-Phase 2	Creators of Metaverse	Completion
32	Ashigha M	Workshop-Phase 2	Creators of Metaverse	Completion
33	Thamimul Ansari M	Workshop-Phase 2	Creators of Metaverse	Completion
34	Abishek Palani	Workshop-Phase 2	Creators of Metaverse	Completion
35	Aiswarya R	Workshop-Phase 2	Creators of Metaverse	Completion
36	Anubhamika Mg	Workshop-Phase 2	Creators of Metaverse	Completion
37	Keerthi	Workshop-Phase 2	Creators of Metaverse	Completion
38	Sengeniammal Natrajan	Workshop-Phase 2	Creators of Metaverse	Completion
39	Yogapriya	Workshop-Phase 2	Creators of Metaverse	Completion
40	Dhiya Bharathan	Workshop-Phase 2	Creators of Metaverse	Completion

41	Mohamed Ibrahim	Workshop-Phase 2	Creators of Metaverse	Completion
42	Kaviyalakshmi	NPTEL Online Certification - C Programming and Assembly Language	NPTEL	Completion
43	Oviya Vijayakumar	Internet of Things 101	Infosys	Completion
44	Indhuja Muthukumarasamy	Image Compression Simplified	Infosys	Completion
45	Nivedha Saravanan	Image Compression Simplified	Infosys	Completion
46	Neela Danandjeane	Image Compression Simplified	Infosys	Completion
47	Anubhamika Mg	Universal Human Values Workshop	AICTE	Participation
48	Dhivya B	Universal Human Values Workshop	AICTE	Participation
49	Yogapriya	Universal Human Values Workshop	AICTE	Participation
50	Keerthi S	Universal Human Values Workshop	AICTE	Participation
51	Sengeniammal Natrajan	Universal Human Values Workshop	AICTE	Participation
52	Sarjith G	National Intellectual Property Awareness Mission	Intellectual Property Office	Participation
53	Suganthan P	National Intellectual Property Awareness Mission	Intellectual Property Office	Participation
54	Mohamed Imran	Code Crafters	NIT - Puducherry	Participation
55	Mohamed Imran	Code Hunt	NIT - Puducherry	Participation
56	Mohamed Imran	DSL R Handling	NIT - Puducherry	Participation
57	Ariharan A	HackElite 2023	SMVEC	3rd Prize
58	Saravanane T	HackElite 2023	SMVEC	3rd Prize
59	Pavan K	HackElite 2023	SMVEC	3rd Prize
60	Sailesh. V	HackElite 2023	SMVEC	3rd Prize
61	Kaameshwaran T	HackElite 2023	SMVEC	3rd Prize
62	Dheva Roophini S	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation
63	Aroul Shearin A	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation
64	Pavithra N	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation

65	Agilavani S	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation
66	Kaviya M	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation
67	Srinath S	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation
68	Annie Rose	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation
69	Kaviya M	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation
70	Roshini S	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation
71	Seethaaraaman D	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation
72	Harish babu M	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation
73	Swetha C	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation
74	Madhumithra B	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation
75	Sailesh V	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation
76	Vineetha S	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation
77	Shyaam L V	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation
78	Kaushic R	Hands on Workshop on Design and Simulation of IoT Systems using the CISCO packet tracer	PTU	Participation
79	atchaya shivanjali	TCS iON Career Edge - Young professional	Tata Consultancy Services	Completion
80	yogitha	TCS iON Career Edge - Young professional	Tata Consultancy Services	Completion
81	Harleen Kaur	TCS iON Career Edge - Young professional	Tata Consultancy Services	Completion
82	Anusha R	TCS iON Career Edge - Young professional	Tata Consultancy Services	Completion

83	haritha I	TCS iON Career Edge - Young professional	Tata Consultancy Services	Completion
84	Nishanthi Sankar	TCS iON Career Edge - Young professional	Tata Consultancy Services	Completion
85	Lavanya R	TCS iON Career Edge - Young professional	Tata Consultancy Services	Completion
86	Harini D	TCS iON Career Edge - Young professional	Tata Consultancy Services	Completion
87	Shifa	TCS iON Career Edge - Young professional	Tata Consultancy Services	Completion
88	Dhanalakshmi S	TCS iON Career Edge - Young professional	Tata Consultancy Services	Completion
89	Sendil balaji	TCS iON Career Edge - Young professional	Tata Consultancy Services	Completion
90	Amudeeswaran A	TCS iON Career Edge - Young professional	Tata Consultancy Services	Completion
91	Pritika V	TCS iON Career Edge - Young professional	Tata Consultancy Services	Completion
92	Kaviyalakshmi P	Explore Automation Development with UiPath	UI Path	Completion
93	Mohamed Ibrahim	Explore Automation Development with UiPath	UI Path	Completion
94	Kaviyalakshmi P	Build your First process with Studio	UI Path	Completion
95	Yogapriya P	Build your First process with Studio	UI Path	Completion
96	Anubhamika MG	Joy of computing using python	NPTEL	Completion
97	Yogapriya P	Energy literacy Training	Energy Swaraj Foundation	Completion
98	Divakar E	Chatgpt & AI Hacks with MS Office	Skillnation	Completion
99	Divakar E	AI tools workshop	Be10x	Completion
100	Divakar E	Office master on excel using AI	Be10x	Completion
101	Divakar E	Symposium	Simats	Participation
102	Divakar E	Zenista 2023	Sairam	Participation
103	Divakar E	Hack Zion	AMC	Participation
104	Divakar E	Hack Elite	SMVEC	Participation
105	Divakar E	TechOasis	SMVEC	Participation
106	Divakar E	National Cyber Security Summit 2024	NCSRC	Participation
107	Abishek Palani S	National Cyber Security Summit 2024	NCSRC	Participation
108	Dinesh Kumar	National Cyber Security Summit 2024	NCSRC	Participation
109	Shivram alias Vignesh	National Cyber Security Summit 2024	NCSRC	Participation
110	Suriya Prasaad	National Cyber Security Summit 2024	NCSRC	Participation
111	Arawind	National Cyber Security Summit 2024	NCSRC	Participation
112	Naren	National Cyber Security Summit 2024	NCSRC	Participation
113	Dashwant	National Cyber Security Summit 2024	NCSRC	Participation
114	Divakar E	National Cyber Security Summit 2024	NCSRC	Participation
115	Akshyaa	National Cyber Security Summit 2024	NCSRC	Participation
116	Durga	National Cyber Security Summit 2024	NCSRC	Participation
117	Shobika	National Cyber Security Summit 2024	NCSRC	Participation
118	Mona	National Cyber Security Summit 2024	NCSRC	Participation
119	Oviya V	Refaktor	Techno Vanza	Participation
120	Aiswarya R	Business Model Canvas Essentials Professional Certification BMCEPC	CertiProf	Completion

121	Aiswarya R	Universal Human Values Workshop	HKBK	Completion
122	Aiswarya R	Universal Human Values	AICTE	Completion
123	Abishek Palani S	Universal Human Values	AICTE	Completion
124	Jay Krish	Universal Human Values	AICTE	Completion
125	Sai Boopathy	Universal Human Values	AICTE	Completion
126	Thamimul Ansari M	Universal Human Values	AICTE	Completion
127	Kotteswaran	Universal Human Values	AICTE	Completion
128	JayaKandhan	Universal Human Values	AICTE	Completion
129	Diwahar	Universal Human Values	AICTE	Completion
130	Balamurugan	Universal Human Values	AICTE	Completion
131	Arawind	Universal Human Values	AICTE	Completion
132	Ashigha M	Universal Human Values	AICTE	Completion
133	Kaviyalakshmi	Universal Human Values	AICTE	Completion
134	Dhatchayini	Universal Human Values	AICTE	Completion
135	Deshma	Universal Human Values	AICTE	Completion
136	Anubhamika Mg	Universal Human Values	AICTE	Completion
137	Harshavardhini G	Universal Human Values	AICTE	Completion
138	Raja Raghavi	Universal Human Values	AICTE	Completion
139	Sanjana E	Universal Human Values	AICTE	Completion
140	Preethi	Universal Human Values	AICTE	Completion
141	Mithra	Universal Human Values	AICTE	Completion
142	Nandhini	Universal Human Values	AICTE	Completion
143	Dhivya B	Universal Human Values	AICTE	Completion
144	Mona	Universal Human Values	AICTE	Completion
145	keerthi	Universal Human Values	AICTE	Completion
146	Dinesh KUMar	Universal Human Values	AICTE	Completion
147	Shamshira	Universal Human Values	AICTE	Completion
148	Sengeniammal Natrajan	Universal Human Values	AICTE	Completion
149	Saathvic S	Universal Human Values	AICTE	Completion
150	Smitha keren	Universal Human Values	AICTE	Completion
151	Pradheep	Universal Human Values	AICTE	Completion
152	Bhuvaneshwari	Universal Human Values	AICTE	Completion
153	Shriram	Universal Human Values	AICTE	Completion
154	Aiswarya R	National Mathematics Day	SMVEC	Participation
155	Deepa SV	Free Human Skills Workshop	Tareeqa Global Solution PVT	Participation
156	Mohamed Ibrahim	Quiz on India's Democracy	MyGov	Participation
157	Dhivya B	ML Adventure through journey Machine Learning	GDSC, SMVEC	Participation
158	Mohamed Ibrahim R	ML Adventure through journey Machine Learning	GDSC, SMVEC	Participation
159	Abishek Palani S	ML Adventure through journey Machine Learning	GDSC, SMVEC	Participation
160	Prasanna K	ML Adventure through journey Machine Learning	GDSC, SMVEC	Participation
161	Harshavardhini G	ML Adventure through journey Machine Learning	GDSC, SMVEC	Participation
162	Keerthika	ML Adventure through journey Machine Learning	GDSC, SMVEC	Participation
163	Dhatchayini	ML Adventure through journey Machine Learning	GDSC, SMVEC	Participation
164	Kaviyalakshmi P	ML Adventure through journey Machine Learning	GDSC, SMVEC	Participation
165	Nandhini V	ML Adventure through journey Machine Learning	GDSC, SMVEC	Participation

166	Shamshira	ML Adventure through journey Machine Learning	GDSC, SMVEC	Participation
167	Samson Sambavi	ML Adventure through journey Machine Learning	GDSC, SMVEC	Participation
168	Mohamed Imran	TechOasis	SMVEC	Participation
169	Mohamed Imran	MIT Lence	MVIT	Participation
170	Deepa SV	AWS for Beginners	Great Learning	Completion
171	Hari prasanth	Cyber Hygiene Practices	Generic Online Training in Cyber Security	Completion
172	Sendil balaji	Cyber Hygiene Practices	Generic Online Training in Cyber Security	Completion
173	Deepa SV	ReactJS Bootcamp	Techpaathshala	Completion
174	Ram Kumar R	Drone Workshop	PTU	Participation
175	Mohamed Faisar A	Python Basic	Hackerrank	Completion
176	Sharmilaa S	Iot and Robotics Course	Rinex Organization	Completion
177	Sharmilaa S	Cracking Blockchain	FABC	Completion
178	Sharmilaa S	TCS iON Career Edge - Young professional	TCS	Completion
179	Ilakkiya V	TCS iON Career Edge - Young professional	TCS	Completion
180	Poornima R	C for Beginners	Great Learning	Completion
181	Rakshita K	Cracking Blockchain	FABC	Participation
182	Rashika Murali	Metaverse Phase 1	META/AICTE	Completion
183	Abishek Palani S	Metaverse Phase 1	META/AICTE	Completion
184	Jaya Kandhan	Metaverse Phase 1	META/AICTE	Completion
185	Prasanth	Metaverse Phase 1	META/AICTE	Completion
186	Harshini	Metaverse Phase 1	META/AICTE	Completion
187	Bhuvaneshwari	Metaverse Phase 1	META/AICTE	Completion
188	Mona	Metaverse Phase 1	META/AICTE	Completion
189	Preethi	Metaverse Phase 1	META/AICTE	Completion
190	Anubhamika Mg	Metaverse Phase 1	META/AICTE	Completion
191	Shivaparvathan	Metaverse Phase 1	META/AICTE	Completion
192	Thilak Ragav	Metaverse Phase 1	META/AICTE	Completion
193	Fyzal	Metaverse Phase 1	META/AICTE	Completion
194	Aiswarya R	Metaverse Phase 1	META/AICTE	Completion
195	Shankar	Metaverse Phase 1	META/AICTE	Completion
196	Anburaj	Metaverse Phase 1	META/AICTE	Completion
197	Diwahar	Metaverse Phase 1	META/AICTE	Completion
198	Mithra	Metaverse Phase 1	META/AICTE	Completion
199	Deepakraj	Metaverse Phase 1	META/AICTE	Completion
200	Sai Boopathy	Metaverse Phase 1	META/AICTE	Completion
201	Nandhini	Metaverse Phase 1	META/AICTE	Completion
202	Shamshira	Metaverse Phase 1	META/AICTE	Completion
203	Jaykrishnan	Metaverse Phase 1	META/AICTE	Completion
204	Thamimul Ansari M	Metaverse Phase 1	META/AICTE	Completion
205	Pradheep	Metaverse Phase 1	META/AICTE	Completion
206	Nitish G	Metaverse Phase 1	META/AICTE	Completion
207	Suriya Prasaad	Metaverse Phase 1	META/AICTE	Completion
208	Shriram	Metaverse Phase 1	META/AICTE	Completion
209	Smitha keren	Metaverse Phase 1	META/AICTE	Completion
210	Shobika	Metaverse Phase 1	META/AICTE	Completion

211	Ashigha M	Metaverse Phase 1	META/AICTE	Completion
212	Sengeniammal Natrajan	Metaverse Phase 1	META/AICTE	Completion
213	Yogapriya P	Metaverse Phase 1	META/AICTE	Completion
214	Shivram alias Vignesh	Metaverse Phase 1	META/AICTE	Completion
215	Harshavardhini G	Metaverse Phase 1	META/AICTE	Completion
216	Subhiksha	Metaverse Phase 1	META/AICTE	Completion
217	Sanjana E	Metaverse Phase 1	META/AICTE	Completion
218	Samson Sambavi	Metaverse Phase 1	META/AICTE	Completion
219	Kaviyalakshmi	Metaverse Phase 1	META/AICTE	Completion
220	Dinesh K Umar	Metaverse Phase 1	META/AICTE	Completion
221	Keerthi	Metaverse Phase 1	META/AICTE	Completion
222	Dhatchayini	Metaverse Phase 1	META/AICTE	Completion
223	Dhivya B	Metaverse Phase 1	META/AICTE	Completion
224	Saathvic S	Metaverse Phase 1	META/AICTE	Completion
225	Arun Kumar	Metaverse Phase 1	META/AICTE	Completion
226	Vijay	Metaverse Phase 1	META/AICTE	Completion
227	Keerthika	Metaverse Phase 1	META/AICTE	Completion
228	Ragavi	Metaverse Phase 1	META/AICTE	Completion

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

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level Bodies
1	Dr.R.Raju	Convenor,Hackelite,National level Hackathon
2	Dr.K.Lakshmi	Internal Members,Technical Evaluation Committee,Hackelite,National level Hackathon
3	Dr.R.Saravanan	Internal Members,Technical Evaluation Committee,Hackelite,National level Hackathon
4	Dr.S.Balaji	Internal Members,Technical Evaluation Committee,Hackelite,National level Hackathon
5	Mr.R.Suresh	Internal Members,Technical Evaluation Committee,Hackelite,National level Hackathon
6	Dr.R.Saravanan	Doctoral Committee Member
7	Dr.S.Balaji	Doctoral Committee Member
8	Dr.B.Vijayakumar	Coordinator,Hackelite,National level Hackathon
9	Dr.R.Anandkumar	Coordinator,Hackelite,National level Hackathon
10	Dr.R.Anandkumar	keynote Speaker at International Conference
11	Dr.R.Saravanan	Chief Examiner
12	Dr.S.Balaji	Chief Examiner
12	Dr.S.Balaji	Question Paper Setter
13	Mr.G.Prabu	Question Paper Setter
14	Mr.G.Prabu	Internal Examiner for Paper Valuation
15	Mrs.N.Kalaiselvi	Question Paper Setter

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

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1	Dr.Puspita Dash	Reviewer for journal name-pattern recognition(Restoring vision in rain-by-snow weather with simple attention -based sampling cross-hierarchy transformer pattern recognition
2	Dr.R.Anandkumar	Reviewer for International Journal of Communication System

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	Unity Champions 2023 Excellence Awards

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	Faculty development program on Recent Trends in computing 3.0	Vishvakarma Institute of Technology,Pune	9.10.2023-13.10.23	5
2.	Dr.K.Lakshmi	National level workshop on data science and machine learning	Kings College of Engineering	18.10.2023-21.10.2023	3
		Faculty development program of innovative research opportunities and applications of data science in industry 5.0 paradigm	SRM Institute of Science and technology Ramapuram	18.08..2.023-31.08.2023	14
		FDP on Inculcating universal human values in technical education	All India Council for technical education ,New Delhi	11.09.2023-15.09.2023	5
		Workshop on SPSS in research	Start International Foundation for research and education	26.12.2023-30.12.2023	5
		National level ftp on cloud infrastructure	Brain o vision solutions India Pvt Ltd	21.08.2023-25.08.2023	5
		Faculty development program on Data Analytics using python	ICT Academy	19.09.2023-23.09.2023	5
		Research paper writing and publishing in high Impact Journals	Sri Manakula Vinayagar Engineering College	25.09.2023	1
3.	Dr.R.Saravanan	One Week Virtual Faculty Development Program on Emerging Recent Trends and Research in Computer Science	Panimalar Engineering College	17.07.2023 to 21.07.2023	1 week
		Research paper writing and publishing in high Impact Journals	Sri Manakula Vinayagar Engineering College	25.09.2023	1
		5 Days Faculty Development Program on Data Science using Python	IcT Academy	19.09.2023-23.09.2023	5

4.	Dr.S.Balaji	One Week Virtual Faculty Development Program on Emerging Recent Trends and Research in Computer Science	Panimalar Engineering College	17.07.2023 to 21.07.2023	1 week
		Webinar on Transfer Learning Approach for Better Utilization of Pre Trained Models	Presidency University-School of Computer Science and Engineering and Information Science	25.11.2023	1
		Emerging Technologies for next Generation Networks	Kings Engineering College	17.07.2023 to 22.07.2023	6
		Energy Literacy Training	Energy Swaraj Foundation	2.9.2023	1
		Research paper writing and publishing in high Impact Journals	Sri Manakula Vinayagar Engineering College	25.09.2023	1
		IEEE Authorship and Open Access Symposium : Tips and Best Practices to get published from IEEE Editors	IEEE	01.09.2023	1
5.	Dr.R.Anandkumar	International conference on advances in Engineering information and aerospace technology	MATS University	01.12.2023-02.12.2023	2
6.	Dr.Puspita Dash	International Conference on Cyber& Information Security	Dwaraka Doss Goverdhan Doss Vaishnav College	5.10.23023-6.10.2023	2
		NPTEL on introduction to Internet of Things	Indian Institute of Technology ,Kharagpur	July-October 2023	12 Weeks
		International Faculty development program on NLP and ChatGPT Applications	Institutions Innovation council	14.08.2023-19.08.2023	6
		Faculty development program on Universal Human Values	HKBK College of Engineering	11.09.2023-15.09.2023	5
		International workshop on Cyber security	Dwaraka Doss Goverdhan Doss Vaishnav College	07.08.2023-22.08.2023	11
7.	Mrs.V.Padmapriya	FDP on the theme Inculcating universal human values in technical education	All India Council For Technical Education	25.09.2023-29.09.2023	6
8.	Mrs.N.Kalaiselvi	International conference on Cyber &Information security(Automatic transaction system using RFID tag)	Dwaraka Doss Goverdhan Doss Vaishnav College	5.10.2023-6.10.2023	2
9.	Mrs.K.Bhavani	Webinar on Transfer Learning Approach for Better Utilization of Pre Trained Models	Presidency University-School of Computer Science and Engineering and Information Science	25.11.2023	1
		5 days Online workshop on SPSS in Research	Star International Foundation for Research and Education	26.12.2023 - 30.12.2023	5

10	G.Prabu	Inculcating universal Human Values in Technical Education	AICTE	12.06.2023 to 16.06.2023	5 days
		One Week Virtual Faculty Development Program on Emerging Recent Trends and Research in Computer Science	Panimalar Engineering College	17.07.2023 to 21.07.2023	1 week
		11-Day International Workshop On Cyber Security -2023	Dwaraka Doss Goverdhan Doss Vaishnav College	07.08.2023 to 22.08.2023	11 Day
		National Level Webinar on AI in cyber security	Jain University	17.08.2023	1 day
		One week national level faculty development program on cloud infrastructure (AWS)	Kings Engineering College	21.08.2023 to 25.08.2023	1 Week
		Two Week International Virtual Faculty Development Programme on Innovation Research Opportunities and Applications of Data Science in the Industry 5.0 paradigm	SRM Institute of Science and technology ,Ramapuram	18-31 Aug 2023	2 Week
		Energy Literacy Training	Energy Swaraj Foundation	2.9.2023	1
		Workshop on Celebrating Teachers : Innovate,Engage, Empower	Bodh Bridge	07.09.2023	1 Day
		IP Awareness/Training Program National Intellectual Property Awareness Mission	Intellectual Property Office, India	October 9,2023	1 day
		IP Awareness/Training Program National Intellectual Property Awareness Mission	Intellectual Property Office, India	October 13,2023	1 day
		6-day Online UHV-II FDP	AICTE	16th to 21st October 2023	6 Day
		Webinar on Transfer Learning Approach for Better Utilization of Pre Trained Models	Presidency University-School of Computer Science and Engineering and Information Science	25.11.2023	1
		Webinar on Selenium Tool Testing	B. S. Abdur Rahman Crescent Institute of Science & Technology in association with Livewire, Tambaram.	02.12.2023	1day
		International Level Virtual Faculty Development Program on Modern Research convergence in Next	Sri Krishna college of Engineering and Technology	18.12.2023 to 22.12.2023	2 Weeks
		Guest lecture on From Ideas to Impact: Mastering the Art of Writing Quality research Papers	The Internal Quality Assurance Cell, Dr.M.G.R.Educational and Research Institute	20.12.2023	1 day
		Faculty Development Program on "Faculty Forward: Navigating roles and Responsibilities in higher Education	Internal Quality Assurance Cell, Dr.M.G.R.Educational and Research Institute	29.12.2023	1 day

11	Mrs.E.Valarmathi	International conference on Cyber & Information security (Automatic transaction system using RFID tag)	Dwaraka Doss Goverdhan Doss Vaishnav College	5.10.2023-6.10.2023	2
		One Week Faculty Development Programme on Artificial Intelligence and Language Teaching	SRM Institute of Science and technology, Ramapuram	30.10.2023-04.11.2023	1 Week
12.	Mrs.C.Vanaja	Webinar on Transfer Learning Approach for Better Utilization of Pre Trained Models	Presidency University-School of Computer Science and Engineering and Information Science	25.11.2023	1
		Workshop on SPSS in Research	Star International Foundation For Research and Education	26.12.2023-30.12.2023	5
		FDP on NLP and ChatGpt applications	SECAB Institute of Engineering and technology in collaboration with Excel EdTech Pvt Ltd	14.08.2023-19.08.2023	6
		International level FDP on cloud Infrastructure	SRM Institute of Science and technology KTR Chennai	21.08.2023-25.08.2023	5
		Seminar on research paper writing and publishing in high impact journals	Sri Manakula Vinayagar Engineering College	25.09.2023	1
		International conference on cyber and Information Security	Dwaraka Doss Goverdhan Doss Vaishnav College	05.10.2023-06.10.2023	2
13.	Mr.T.Periyasamy	FDP on emerging trends and challenges in commerce and management education	Hindusthan College of Arts and Science	19.09.2023-26.09.2023	8
		National level ftp on emerging technologies for next generation networks	Kings Engineering College	17.07.2023-22.07.2023	6
		FTP on emerging trends in data analytics and machine learning	Karunya Deemed university	18.09.2023-22.09.2023	5
		Seminar on research paper writing and publishing in high impact journals	Shri Manakula Vinayagar Engineering College	25.09.2023	1
		International Conference on cyber and Information Security (Handyman web application via the end customer using PHP and my SQL)	Dwaraka Doss Govardhan Doss Vaishnav College	05.10.2023-06.10.2023	2
		Lecture 2 on entrepreneurship (Lab 2 landscape advancement in bamboo tissues culture technology)	Bohona College Jorhat	21.11.2023	1
		International NEP Orientation & Sensitization Programme	UGC-MMTTC – Pondicherry University	7.12.2023-20.12.2023	14
		Faculty development program Artificial Intelligence And Language Teaching	SRM Institute Of Science And Technology	30.10.2023-4.11.2023	6

14.	Mr.T.Maheshwaran	Faculty development program “Emerging Trends & Challenges In Commerce & Management Education”	Hindustan College Of Arts And Science	19.10.2023-26.10.2023	8
		Awareness/Training Program National Intellectual Property Awareness Mission (Nipam)	Office Of Controller General Of Patents, Designs And Trade Marks	26.09.2023	1
		Faculty development program ‘Emerging Trends In Data Analytics And Machine Learning’	Karunya University	18.9.2023-22.9.2023	5
		Faculty development program Universal Human Values	HKBK College Of Engineering	11.9.2023-15.9.2023	5
		Faculty development program Cloud Infrastructure (Aws)	Sri Krishna College Of Engineering And Technology	21.08.2023-25.08.2023	5
		Faculty development program "Trends In Technological Intelligence 2023 (T2I-2023)"	Babu Banarasi Das Northern India Institute Of Technology, Lucknow	21.08.2023-25.08.2023	5
		Faculty development program Data Analysis Using Advanced Computational Techniques	Amity University, Kolkata	24.7.2023-28.7.2023	5
		Faculty development program “Current Trends In Artificial Intelligence And Machine Learning”	Vardhaman College Of Engineering, Autonomous, Shamshabad, Hyderabad	19.7.2023-24.7.2023	6
		Faculty development program Innovations, Opportunities And Challenges In Life Science Sector Skilling & Research”	Amity University, Haryana	17.7.2023-22.7.2023	7
		Faculty development program Emerging Recent Trends And Research In Computer Science	Panimalar Engineering College	17.7.2023-21.7.2023	5
		Faculty development program Recent Trends In MI For Artificial Intelligence	Sanmati Engineering College, Washim	15.7.2023-19.7.2023	5
		Workshop Digital Creative Skills	Adobe Academic Essentials	14.7.2023	1
		International Workshop Intel Oneapi Toolkits	Edulateral Foundation	13.7.2023-14.7.2023	2
		Faculty development program On Technology Driven Application	Sathyabama Institute Of Science And Technology	13.7.2023-15.7.2023	3
		Faculty development program “Realizing The Benefits Of Academic Research	Sree Sakthi Engineering College, Karamadai (Coimbatore)	10.7.2023-15.7.2023	6
		Faculty development program “Current Trends In Engineering, Science And Technology”	Sree Sakthi Engineering College, Karamadai (Coimbatore)	3.7.2023-8.7.2023	6
		Faculty development program Artificial Intelligence And Its Applications	Chalapathi Institute Of Technology	3.7.2023-8.7.2023	6
Faculty development program Outcome-Based Education'	Dr.M.G.R. Educational And Research Institute	5.6.2023-9.6.2023	5		

15.	Mr.D.Prabhu	FDP on trends in technological intelligence 2023	Babu Banarasi Das Northern India Institute of technology Lucknow	21.08.2023-25.08.2023	5
		FDP on emerging trends in data analytics and machine learning	Karunya deemed university	18.09.2023-22.09.2023	5
		NEP 2020 orientations sensitization program	Malaviya mission teacher training program	7.10.2023-20.12.2023	14
16	Mr.R.Vijayabh u	Wipro training program on .NET full stack	TalentNext	27.11.2023-15.12.2023	20
		International conference on Cyber & Information Security	Dwaaraka Doss Goverdhan Doss Vaishnav College	5.10.2023-6.10.2023	2
		NEP Orientation & Sensitization Programme	MALAVIYA Mission Teacher Training Programme	7.10.2023-20.12.2023	14
17.	Ms.M.Madhumith a	NEP Orientation & Sensitization Programme	MALAVIYA Mission Teacher Training Programme	07.12.2023-20.12.2023	14
		Faculty Development Program on Digital Manufacturing Technology	Sri Manakula Vinayagar Engineering College	11.12.2023-16.12.2023	6

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


12/4/2024

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


12/04/2024

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

Handwritten notes, possibly "10/10/10" and "10/10/10".

Handwritten notes, possibly "10/10/10".



**SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE**

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Puducherry - 605 107



INTERNAL QUALITY ASSURANCE CELL

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF MECHANICAL ENGINEERING

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	Daniel Sam	Ernst Abbe Hochschule Jena, Germany	MS
2	Janani	Sri Manakula Vinayagar Engineering College	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
1.	National Seminar on Advancements in Instrumentation Engineering through Artificial Intelligence: Challenges and Opportunities	IEI Professional Chapter	24.01.2024 to 25.01.2024	National	85
2.	Hands on training on Industrial Automation	IEI Professional Chapter	14.03.2024 to 15.03.2024	National	42
3.	Digital Circuits - principles and applications	ICE	25.11.2023	National	91
4	Skill Development: Troubleshooting on electronics equipments	ICE	01.12.2023	National	31
5	Recent Applications in Power Electronics	ICE	02.12.2023	National	42

6	Industrial Unit Operations	ICE	08.12.2023	National	73
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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
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	Elocution Competition	ManakulaVinayagar Institute of Technology.(MVIT)	IIIrd prize.
2	Deekshetha R	Image Prompt	Puducherry Technological University	Ist PLACE
3	Gayathri S	Image Prompt	Puducherry Technological University	Cash Prize
4	Atchaya S	Elocution Competition	Sri Ram ilakkiya kazhagam	IIIrd prize.
5	Atchaya S	paper presentation competition	Sai Ram Institute of technology	IInd prize.

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

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

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

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	NIL	

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

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	Dr.L.Varalakshmi	Latest trend and Technologies in software Engineering	CHRIST	20.01.2024 To 27.01.2024 (7 Days)
2	Dr.D.Sivanandhan Kumar	MATLAB and SIMULINK Onramp Certification Course	ARK INFO SOLUTION PVT.LTD	03.07.2023 o 28.07.2023
3	Mrs.T.Sudha	Latest trend and Technologies in software Engineering	CHRIST	20.01.2024 To 27.01.2024 (7 Days)
		Research Paper writing and Publishing in High Impact Journals	SMVEC	25.09.2023 (1 Day)
		Current Practices , Research Trends in Machine Learning and Deep Learning	STES's Sinhgad Academy of Engineering	07.08.2023 To 11.08.2023 (5 Days)
		IOT Based Automated music Therapy system for stress Management IEEE Conference	MIT	17.11.2023 To 18.11.2023 (2 Days)
		Recent Advance in Applied Mathematics	SMVEC	04.09.2023 To 08.09.2023 (5 Days)
4	Mr.J.Jeevanantham	Research Paper writing and Publishing in High Impact Journals	SMVEC	25.09.2023 (1 Day)
		Recent Advance in Applied Mathematics	SMVEC	04.09.2023 To 08.09.2023 (5 Days)
		Power of English - Composite	Narenn Edutech Consulting, Malaysia	09.09.2023
5	Dr.M..Rekha	Recent Advance in Applied Mathematics	SMVEC	04.09.2023 To 08.09.2023 (5 Days)
6	Dr.K.Naveen Kumar	Recent Advance in Applied Mathematics	SMVEC	04.09.2023 To 08.09.2023 (5 Days)

7	Ms.P.Kiruthika	Recent Advance in Applied Mathematics	SMVEC	04.09.2023 To 08.09.2023 (5 Days)
		Academic Management in the Digital Era	SMVEC	13.05.2023
		Research Paper writing and Publishing in High Impact Journals	SMVEC	25.09.2023 (1 Day)
		MATLAB and SIMULINK Onramp Certification Course	ARK INFO SOLUTION PVT.LTD	03.07.2023T o 28.07.2023
8	Mr. Godfrey Daniel	Recent Advance in Applied Mathematics	SMVEC	04.09.2023 To 08.09.2023 (5 Days)
		Power of English - Composite	Narenn Edutech Consulting, Malaysia	09.09.2023
9	Ms.Muthu Prabha	Recent Advance in Applied Mathematics	SMVEC	04.09.2023 To 08.09.2023 (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



Academic and Administrative Audit

Internal Audit Recommendations

ICE – Department

Audit Date: 9/4/24

Time: 12.00 pm

Section		Remarks
2	Curricular Aspects	-
3	Teaching, Learning and Evaluation	-
4	Structural Feedback	-
5	Research ,Innovation and Publications	<ul style="list-style-type: none">• Number of Science Indexed journals can be increased• Department should take initiative for doing consultancy work.• Patent is not registered for any innovative work in the specified duration• Department must initiate to publish books/book chapters
6	Collaborations and Linkages	Department must concentrate for getting sponsored projects from industries
7	Student Progression	-
8	Activity Conducted/Organized by the Department	-
9	Achievements	-
General Remarks		All records are available

Dr.N.Thilagavathi
Associate Professor
IT- Department
SMVEC

Dr.S.Pougajendy
Professor
MBA
SMVEC



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INTERNAL QUALITY ASSURANCE CELL

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF CIVIL ENGINEERING



ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year: 2023 - 2024)

INTERNAL AUDIT

SECTION -1: BASIC INFORMATION

Audit Date	08.04.2024			
Name of the Department	Civil Engineering			
Year of Establishment	2012			
Programs Offered	Name of the Program		Approved Intake	
	U.G program -B.Tech Civil		60	
Head of the Department	Dr.S.Sundararaman			
Number of full time Teachers	Professor	02		
	Associate Professor	Nil		
	Assistant Professor	18		
Number of Technical Staff	2			
Number of Students	For B.Tech:		For M.Tech	
	Year	Strength	Year	Strength
	First Year	36	First Year	NA
	Second Year	38	Second Year	NA
	Third Year	42	Total	NA
	Fourth Year	40		
	Total	156		
Faculty Student Ratio	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 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.S.Sundararaman	Coordinator	B.Tech Civil	I,II,III and IV year
2.	Dr. S.Jayakumar	Coordinator	B.Tech Civil	I,II,III and IV year
3.	Ms. G. Yamuna	Department -In charge	B.Tech Civil	I,II,III and IV year

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	Professional Elective - II (Ground Improvement Techniques)	U20CEE506	42
2.	IV / VII	Professional Elective – IV Site Investigation Methods and Practices	U20CEE716	40

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	42
2.	IV / VII	AIDS	Open Elective – IV Artificial Intelligence Applications	U20ADO706	40

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 Basic Vasthu	U20CES302	38
2	III / V	Skill Development Course 4: (Career and Professional Skill Development Program – I)	U20CES504	42
3	III / V	Skill Development Course 5: (Presentation Skill using ICT)	U20CES505	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- Auto desk		36
2.	II / III	Certification Course –III Total Station	U20CEC387	38

2.7 List of Mandatory Courses offered by the Department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1.	II / III	Physical Education	U20CEM303	38
2.	III / V	Indian Constitution	U20CEM505	42
3.	IV/VII	Professional Ethics	U20CEM707	40

SECTION -3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery:

ODD SEM

I Year / I Semester/ 2023-2027

S.No	Course Title	Course Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1.	Engineering Mathematics - I	U23MATC01	Dr. G. Poonkuzhali	60	60	51
2.	Physical Science for Engineers	U23BSTC01	Dr. K. Samuvel & Dr. E. Sarojpurani	45	45	54
3.	Basics of Civil and Mechanical Engineering	U23ESTC01	Mrs.S.Sinthana Gorky & Dr.Ravichandran	45	45	46
4.	Engineering Mechanics	U23ESTC02	Mr.V.Murugappan	60	60	56
5.	Basics of Electrical and Electronics Engineering	U23MATC01	Dr. G. Poonkuzhali	45	45	57

Theory cum Practical

6.	Communicative English I	U23ENBC01	Mrs. K.Madhanavathi	45	45	44
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PRACTICAL

7.	Basics of Electrical and Electronics Engineering Laboratory	U23ESPC01	Mr.J.Gnanavel	30	30	27
8.	Design Thinking and Idea Lab	U23ESPC02	Mr. Anandhanarayanan	30	30	29
9.	Civil Engineering Practice Laboratory	U23CEP101	Mr.C.Raj Govind	30	30	24

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
1.	Probability and Statistics	U20BST324	Dr. T. Gayathri	60	60	49
2.	Data Structures	U20EST356	Ms. N.Pavithra	45	45	47
3.	Mechanics of Solids - II	U20CET305	Mr.C.Raj Govind	60	60	54
4.	Surveying	U20CET306	Mrs.S.Sivasankari	45	45	50
5.	Geotechnical Engineering - I	U20CET307	Ms.S.Nivedita	60	60	58
6.	Concrete Technology	U20CET308	Ms. G. Yamuna	45	45	44

PRACTICAL

7.	General Proficiency – I	U20HSP301	Ms. S. Jasmine	30	30	22
8.	Data Structures Laboratory	U20ESP357	Ms. N. Pavithra	30	30	23
9.	Surveying Laboratory	U20CEP305	Mrs.S.Sivasankari	30	30	29
10.	Concrete Engineering Laboratory	U20CEP306	Ms. G. Yamuna	30	30	30

III Year / V 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.	Operations Research	U20BST551	Dr. T. Gayathri	45	45	60
2.	Structural Analysis – I	U20CET511	Mrs. A. Kalyani	60	60	57
3.	Environmental Engineering-I	U20CET512	Dr. S. Jayakumar	45	45	5
4.	Instrumentation And Sensor Technologies for Civil Engineering Applications	U20CET513	Ms. K. Archana	45	45	47
5.	Professional Elective - II (Ground Improvement Techniques)	U20CEE506	Mr. G. Senthil Raj	45	45	50
6.	Open Elective-II (Product Development and Design)	U20HSO501	Mrs.G. Ramya	45	45	45

PRACTICAL

7.	Modeling and Analysis Laboratory	U20CEP508	Mrs. A. Kalyani	30	30	23
8.	Sensors Applications in Civil Engineering Laboratory	U20CEP509	Ms. K. Archana	30	30	33
9.	REVIT Architecture	U20CEP510	Mrs. D. Sathiyasree	30	30	33
10.	Estimation Costing and Valuation Engineering	U20CEP511	Mr .K .Srinivasan	30	30	20

IV Year / VII Semester / 2020-2024

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	Mrs.D.Sathiyasree.	45	45	60
2.	Hydrology and Water Resource Engineering	U20CET719	Mr .K .Srinivasan	45	45	57
3.	Professional Elective – IV Site Investigation Methods and Practices	U20CEE716	Dr .S. Sundararaman	45	45	49
4.	Open Elective – IV Artificial Intelligence Applications	U20ADO706	Ms.A.Ilakkia	45	45	57

PRACTICAL						
5.	Business Basics for Entrepreneur	U20HSP703	Mrs.G. Ramya	30	30	20
6.	Irrigation and Environmental Engineering Drawing	U20CEP715	Ms.S.Nivedita	30	30	33
7.	Simulation Software Laboratory (Ansys)	U20CEP716	Mr.V.Murugappan	30	30	33
8.	Comprehensive Viva Voce	U20CEP717	Mrs.Pallavi	30	30	39
PROJECT WORK						
9.	Project Phase – I	U20CEW70 1	Dr. S. Sundararaman / Dr. S. Jayakumar			

3.2 Use of ICT Tools in Teaching Learning Digital writing Board

ODD SEM

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Dr. G. Poonkuzhali	Engineering Mathematics - I	PPT/Lecture Videos, Digital writing Board
2.	Dr. K. Samuvel & Dr. E. Sarojpurani	Physical Science for Engineers	PPT/Lecture Videos
3.	Mrs.S.Sinthana Gorky & Dr.Ravichandran	Basics of Civil and Mechanical Engineering	PPT/Lecture Videos
4.	Mr.V.Murugappan	Engineering Mechanics	PPT/Lecture Videos, Digital writing Board
5.	Dr. G. Poonkuzhali	Basics of Electrical and Electronics Engineering	PPT/Lecture Videos, Digital writing Board
6.	Dr. T. Gayathri	Probability and Statistics	PPT/Lecture Videos ,Digital writing Board
7.	Ms. N.Pavithra	Data Structures	PPT/Lecture Videos
8.	Mr.C.Raj Govind	Mechanics of Solids - II	PPT/Lecture Videos, Digital writing Board
9.	Mrs.S.Sivasankari	Surveying	PPT/Lecture Videos, Digital writing Board
10.	Ms.S.Nivedita	Geotechnical Engineering - I	PPT/Lecture Videos , Digital writing Board
11.	Ms. G. Yamuna	Concrete Technology	PPT/Lecture Videos
12.	Dr. T. Gayathri	Operations Research	PPT/Lecture Videos
13.	Mrs. A. Kalyani	Structural Analysis – I	PPT/Lecture Videos , Digital writing Board
14.	Dr. S. Jayakumar	Environmental Engineering-I	PPT/Lecture Videos
15.	Ms. K. Archana	Instrumentation And Sensor Technologies for Civil Engineering Applications	PPT/Lecture Videos

16.	Mr. G. Senthil Raj	Professional Elective - II (Ground Improvement Techniques)	PPT/Lecture Videos
17.	Mrs.G. Ramya	Open Elective-II (Product Development and Design)	PPT/Lecture Videos
18.	Mrs.D.Sathiyasree	Construction Management	PPT/Lecture Videos
19.	Mr .K .Srinivasan	Hydrology and Water Resource Engineering	PPT/Lecture Videos
20.	Dr .S. Sundararaman	Professional Elective – IV Site Investigation Methods and Practices	PPT/Lecture Videos
21.	Ms.A.Ilakkia	Open Elective – IV Artificial Intelligence Applications	PPT/Lecture Videos

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1.	Structural Health Monitoring	Mr.J.Jagan, Chairman, Vector Solution, Puducherry	07.10.2023	60
2.	Basics of plumbing	Mr.S.Virapan, Professor and Consultant, Easwari Engg college and NEC Member, chennai	30.10.2023	60
3.	Sustainable Infrastructure Development	Ar.Hemalatha, Architect, Puducherry	04.11.2023	60
4.	A practical approach in design of buildings using STAAD Pro	Er.Thirumalai, M/S Usha Builders, Puducherry	22.11.2023	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)
I Year / I Semester / 2023-2027					
1.	Engineering Mathematics - I	Dr. G. Poonkuzhali	Yes	5	Yes
2.	Physical Science for Engineers	Dr. K. Samuvel & Dr. E. Sarojpurani	Yes	3	Yes
3.	Basics of Civil and Mechanical Engineering	Mrs.S.Sinthana Gorky & Dr.Ravichandran	Yes	4	Yes
4.	Engineering Mechanics	Mr.V.Murugappan		3	
5.	Basics of Electrical and Electronics Engineering	Dr. G. Poonkuzhali	Yes	5	Yes
6.	Communicative English I	Mrs. K.Madhanavathi	Yes	4	Yes

II Year / III Semester / 2022-2026					
1.	Probability and Statistics	Dr. T. Gayathri	Yes	4	Yes
2.	Data Structures	Ms. N.Pavithra	Yes	4	Yes
3.	Mechanics of Solids - II	Mr.C.Raj Govind	Yes	6	Yes
4.	Surveying	Mrs.S.Sivasankari	Yes	5	Yes
5.	Geotechnical Engineering - I	Ms.S.Nivedita	Yes	5	Yes
6.	Concrete Technology	Ms. G. Yamuna	Yes	4	Yes
III Year / V Semester / 2021-2025					
1.	Operations Research	Dr. T. Gayathri	Yes	5	Yes
2.	Structural Analysis – I	Mrs. A. Kalyani	Yes	5	Yes
3.	Environmental Engineering-I	Dr. S. Jayakumar	Yes	5	Yes
4.	Instrumentation And Sensor Technologies for Civil Engineering Applications	Ms. K. Archana	Yes	5	Yes
5.	Professional Elective - II (Ground Improvement Techniques)	Mr. G. Senthil Raj	Yes	5	Yes
6.	Open Elective-II (Product Development and Design)	Mrs.G. Ramya	Yes	5	Yes
IV Year / VII Semester / 2020-2024					
1.	Construction Management	Mrs.D.Sathiyasree.	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.IIakkia	Yes	5	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
156		20	1:9

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	Target Attainment level 3
4	PSO and PO attainment through CO	Yes	-

3.8 Student Performance in End Semester Examination

ODD SEMESTER

I Year / I Semester / 2023-2027

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	36	Nil
2	Number of All Clear Students	30	
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	83.33%	

II Year / III Semester / 2022-2026

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	38	Nil
2	Number of All Clear Students	34	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	04	
7	Passing Percentage	89.47%	

III Year / V Semester / 2021-2025

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	42	Nil
2	Number of All Clear Students	38	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	04	
7	Passing Percentage	90.48%	

IV Year / VII Semester / 2020-2024

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	40	Nil
2	Number of All Clear Students	40	
3	Number of Students passed with Distinction	-	
4	Number of Students passed with First Class	-	
5	Number of Students passed with Second Class	-	
6	Number of Students Failed	-	
7	Passing Percentage	100%	

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	106	-
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	87	-
3	Student Exit Survey conducted and Analysed	No	35	-
4	Alumni Feedback conducted and Analysed	No	57	-

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
1.	Mrs.D.Sathiyasree	Material Testing	India cements Pvt. Ltd. Chennai	2700
2.	Mrs.D.Sathiyasree	Material Testing	JSW Cements	4050
3.	Mrs.D.Sathiyasree	Material Testing	Uniqcore Constructions India Pvt. Ltd.,	8550
4.	Mrs.D.Sathiyasree	Material Testing	Ramco Cement	900
5.	Mrs.D.Sathiyasree	Material Testing	Ramses Construction	900
6.	Mrs.D.Sathiyasree	Material Testing	Coromandel Cements Pvt. Ltd. Chennai	1350
7.	Mrs.D.Sathiyasree	Material Testing	GR CONSTRUCTION	900
8.	Mrs.D.Sathiyasree	Material Testing	Varsha Associate, Villupuram.	450
Total				19800

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	2020-2021	21	8	-	-	-
2	2021-2022	11	-	-	-	-
3	2022-2023	-	-	-	-	-
4	2023-2024	-	3	-	-	-

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	-
Number of Publication in International Journals	03
Number of Publication in National Conferences	-
Number of Publication in International Conferences	03
Number of Books / Book Chapters	Nil
Number of Patent (Filed)	Nil
Number of Patents Granted	Nil

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
1.	Studies on the Properties of Polymer Mesh Induced Ferro cement	Dr.S.Jayakumar	Alochana Chakra Journal	ISSN NO: 2231-3990.
2.	A Study On Behaviour Of Expansive Soil Treated With Jute Fibre, Coir Fiber, Fly Ash, Hydrated Lime And Bagasse Ash	K.Srinivasan	Alochana Chakra Journal	ISSN NO: 2231-3990.
3.	An Experimental Investigation on Strength Properties and Air Purification Capacity of Self Cleaning Concrete	Dr. Sundararaman	Alochana Chakra Journal	ISSN NO: 2231-3990.

International Journal

Academic Year 2021-22					
1.	Structural damages detection using ultrasonic sensor with automatic flaw messenger	Dr. S. Jayakumar	Journal of Xidian University	Vol. 15, Issue 5, 2021, ISSN: 1001-2400	-
2.	The Automated Flood Detection and Warning System by using Sensors	A. Kalyani	International Journal of Innovative Research in Technology	June 2021, Volume 8, Issue 1 ISSN: 2349-6002	-
3.	A Comparative Assessment on Pavement Conditions of Rural and Urban Roads	G. Yamuna	International Journal of Research and Reviews	Vol (2) Issue (7) (2021) ISSN 2582-7421	-

4.	An Experimental Study on Self-curing concrete Incorporated with Bagasse Ash and Polyethylene Glycol 600	Dr.S.Sundararaman	International Journal of Innovative Research in Technology	June 2021, Volume 8, Issue 1, ISSN: 2349-6002	-
5.	Systematic odometer with automated messages	S.Sivaprasath	International Research Journal of Modernization in Engineering Technology and Science	Volume:, 03/Issue:26/June-2021 e-ISSN: 2582-5208	-
6.	An experimental study on the stabilization of expansive soils using coir fibre, eggshell powder and steel fibre	K.Srinivasan	International Research Journal of Engineering and Technology	Volume: 08 Issue: 05, May 2021 e-ISSN: 2395-0056	-
7.	An assessment of existing road stretch towards sustainable transportation	G. Yamuna	International Research Journal of Modernization in Engineering Technology and Science	Volume:03/Issue:26/June-2021 e-ISSN: 2582-5208	-
8.	Risk Assessment in Construction of Highway Project	Azhagarsamy S	International Journal of Innovative Research in Technology	June 2021, Volume 8, Issue 1 ISSN: 2349-6002	-
9.	Determination of ground water quality in puducherry region by using water quality index	S.Sivaprasath	International Journal of Scientific Research in Engineering and Management,	Volume: 05 Issue: 30 June - 2021	-
10.	Crack Sensing and Filling Using Automatic Robot	D.Sathiyasree	International journal of innovative research in technology	June 2021 IJIRT Volume 8 Issue 1 ISSN: 2349-6002	-
11.	Analysis of Pothole detection by image processing method	K.S.Prasath	International Journal for Research in Applied Science &Engineering Technology	Volume 9, Issue VIII, August 2021 ISSN: 2321-9653	-
Academic Year 2022-23					
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
1	An Experimental Study on Purification of Leachate and Analysis of Its Application in Plant Growth	K. Srinivasan, D. Davakumar, A. Eshwaran M. Mouleeswar	Bloenergy & bio-products from Agro-Industrial sector and its associated Circular Economy (BACE-2023)	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
1	Effect of Geopolymer Concrete with Plastic Waste and Glass Powder as a Fine Aggregate: A Review	A. Kalyani, V. Gopinath, K.Dilipkumar, J.V.K. Rohith, V. Diwagar	Recent Trends in Science, Engineering & Management (ICRTSEM - 2023)	International Conference	978-93-5786-737-5	G.Balaji Publisher
2	Acclimatization of pharmaceutical wastewater with secondary sewage sludge	Dr.S.Sundararaman M.Thamizhselvan A.Sathiyapriya K.Kabilan M.Bharath	Recent Trends in Science, Engineering & Management (ICRTSEM - 2023)	International Conference	978-93-5786-737-5	G.Balaji Publisher
3	An theoretical study on alternate brick material-a review	Dr.S.Sundararaman S.Dheenadayalan S.Sriram B.Vishwa K.Shanthakumar	Recent Trends in Science, Engineering & Management (ICRTSEM - 2023)	International Conference	978-93-5786-737-5	G.Balaji Publisher
4	Study on the mechanical properties of modified paver block with Parital replacement of fine aggregate with waste glass and coarse aggregate with tyre waste- A Review	S.Azghagarsamy G.Sree Shankar raman B.Sriram M.Sivaguru	Recent Trends in Science, Engineering & Management (ICRTSEM - 2023)	International Conference	978-93-5786-737-5	G.Balaji Publisher

5	Infusion of waste plastic and palm kernel activated carbon in bitumen - A Review	Mrs.D.Sathiyasree Ilakky.M.S Keerthana.V Tharsinee.K	Engineering Innovation development in Engineering Advances (ICC IDEA – 2023)	International Conference	-	-
6	Experimental Investigation on Strength Parameters of Interlocking Block Using Magnetic Water, Rice Husk Ash And Steel Fiber - A Review	Mrs.D.Sathiyasree B. Kesavamoorthy R. Sasikumar K. Harish	Engineering Innovation development in Engineering Advances (ICC IDEA – 2023)	International Conference	-	-
7	Production of bio – ethanol and bio diesel from dairy industry wastewater using algae	Ms.G.Yamuna C.Shanmugapriya P.Agila M. Sagunthala Priyadharshini	Emerging trends in engineering, sciences & technology (ICETEST 2023), Poornima University, Jaipur	International Conference	-	-
8	An experimental study on removal of oil and grease using laterite soil and moringa oleifera	Ms.G.Yamuna G.Logesh A.R. Naveen Kumar M.Deepan R. Naveen Prasad	Emerging trends in engineering, sciences & technology (ICETEST 2023), Poornima University, Jaipur	International Conference	-	-
9	Experimental Studies on the Flexural Strength using Bagasse Ash and M-Sand in Concrete	Dr.S.Sundararaman S.Azhagarsamy	Engineering Innovation development in Engineering Advances (ICC IDEA – 2023)	International Conference	-	-
10	An experimental study on clay brick incorporated with egg shell powder, waste glass powder and wood saw dust- review	A.Kalyani K.Vijai Srei K.Haritha R.Nandini	Recent Trends in Science, Engineering & Management (ICRTSEM 2023)	International Conference	978-93-5786-737-5	G.Balaji Publisher

Sl. No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, Issue, pp, Year /ISSN	Indexing / UGC /Scopus/S CI	Impact Factor
1	A Systematic review of structural health monitoring in composite structures	Dr.S.Sundararaman & Mrs. D. Sathiyasree	European Chemical Bulletin	Vol 12 (Si6), 3649 – 3659, 2023 / ISSN 2063-5346	Scopus	3.71
2	An experimental investigation on self-healing concrete using “Bacillus subtilis”	Dr.S.Sundararaman	Materials Today Proceedings	-	Scopus	2.59
3	Experimental Studies on the Flexural Strength Using Bagasse Ash and M-Sand in Concrete	Dr.S.Sundararaman	Emerging Trends in Composite Structure	https://doi.org/10.1007/978-981-99-6175-7_38	Springer	-

National Conference

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

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Enhancing bitumen performance through the incorporation of waste plastic and palm kernel activated carbon	Mrs.D.Sathiyasree & Dr.S.Sundararaman	Advances in life science and Engineering (Mi-Calse 2023)	Centre For Pre-University Studies& Centre For Education and Languages at University, Malaysia	-	-
2	Start-up in degradation of pharmaceutical Wastewater using Secondary Sewage Sludge	Dr.S.Sundararaman	Advances in life science and Engineering (Mi-Calse 2023)	Centre For Pre-University Studies& Centre For Education and Languages at University, Malaysia	-	-
3	Centre For Pre-University Studies& Centre For Education and Languages at University, Malaysia	Mr.K.Srinivasan & Dr.S.Sundararaman	Advances in life science and Engineering (Mi-Calse 2023)	Centre For Pre-University Studies& Centre For Education and Languages at University, Malaysia	-	-

Books / Book Chapters

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

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	Dr.S.Jayakumar	Dr V.S.K.Venkatachalapathy Dr.S.Jayakumar, V.Moorthy, Dr., Dr.S. Sundararaman, Dr.K. Velmurugan, K. Srinivasan, S.Sivaprasath	Cost Effective Fastening Bricks	09.12.2020	Australian Patent	Grant
2	Dr.S.Jayakumar	Dr. S. Jayakumar Dr. S. Sundararaman K. Srinivasan S. Sivaprasath A. Kalyani G. Yamuna K. S. Prasath	Device for Termite Tracking using Moisture Sensor and Thermal Imaging	04.09.2020	Indian Patent	Published
3	Dr.S.Jayakumar	Dr. S. Jayakumar , Dr. V.S.K. Venkatachalapathy, Dr. S. Sundararaman , Dr. K. Velmurugan, Mr.G.Senthil Raj , Mr.S.Azhagarsamy, Mrs.A.Sathiya Priya, Mrs.D.Sathiyasree, Mrs.S.Sinthana Gorky, Ms.B.Pallavi	Mechanism of biodeteriorati on of marine concrete by green algae- chaetomorph a antennina	23.10.2020	Indian Patent	Published

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.	Amirthavarshan R	Abi Construction	15days	02-09-2023	24-09-2023
2.	Feroze Xaviour S	Gulf Raj Builders	15days	07-09-2023	30-09-2023
3.	Hareesh P	J.J. Construction	15days	04-09-2023	23-09-2023
4.	Hariharan G	Wisdom Consulting Engineer	15days	05-09-2023	30-09-2023
5.	Pavithran N	CADD Centre	15days	02-09-2023	26-09-2023
6.	Prapanjan S	Rajesh Constructions	15days	04-09-2023	18-09-2023
7.	Vinothkumar V	GSN Construction	15days	05-09-2023	30-09-2023
8.	Abbas F	RK Construction	15days	04-09-2023	26-09-2023
9.	Achuthan A K	Green Construction	15days	04-09-2023	26-09-2023
10.	Chandralathan S	Etica Developers	15days	04-09-2023	26-09-2023
11.	Deepak M	Sri Renga Builders	15days	04-09-2023	26-09-2023
12.	Dhanushkumar V	RK Construction	15days	04-09-2023	26-09-2023
13.	Dharanidharan T	Site Engineer & Architectural Designer	15days	04-09-2023	26-09-2023
14.	Evanick Ryan A	Fibrex Construction Limited	15days	05-09-2023	29-09-2023
15.	Gokul M	Government of Tamil Nadu	15days	04-09-2023	26-09-2023
16.	Goudham R	P.R.Constructions	15days	04-09-2023	26-09-2023
17.	Gurupreyaa R	KS Construction	15days	04-09-2023	26-09-2023
18.	Harine Devi R	Indo Designer	15days	05-09-2023	03-10-2023
19.	Jayasri S	Delta Construction	15days	04-09-2023	26-09-2023
20.	Kabilan A	Sre Lakshmi Kon Buildtec	15days	04-09-2023	26-09-2023
21.	Kamala Harini B	Indo Deaigners	15days	05-09-2023	03-10-2023
22.	Keerthana S	Delta Construction	15days	04-09-2023	26-09-2023
23.	Kirushna Piriya R	N R Constructions	15days	05-09-2023	03-09-2023
24.	Lekha D	Quality Home Builders	15days	05-09-2023	26-09-2023
25.	Monikka K	Quality Home Builders	15days	05-09-2023	26-09-2023
26.	Mothilal K	Sre Lakshmi Kon Buildtec	15days	04-09-2023	26-09-2023
27.	Muralitharan M	Sri Renga Builders	15days	04-09-2023	26-09-2023
28.	Pradeep P	RK Constructions	15days	04-09-2023	26-09-2023
29.	Prithigha B	Amudhavalli Construction	15days	04-09-2023	26-09-2023
30.	Roshan R	Om Sakthi Construction	15days	04-09-2023	26-09-2023
31.	Sabarínathan S P	Sri Renga Builders	15days	05-09-2023	26-09-2023
32.	Sanjay Venkatraman K	Etica Developers Pvt. Ltd	15days	04-09-2023	26-09-2023

S. No	Name of the Students	Name of the Sponsored Industry / Research Institute / Partnering Institution	Duration		
			Duration	From	To
33.	Shasidhar P	Government of Tamil Nadu	15days	04-09-2023	26-09-2023
34.	Shobaa B	Arvin Design Concept	15days	05-09-2023	29-09-2023
35.	Sri Dharan B S	Suresh Construction	15days	04-09-2023	18-09-2023
36.	Sriram M	Government of Tamilnadu (Rural Department Cuddalore)	15days	05-09-2023	26-09-2023
37.	Thirisha N	KS Construction	15days	04-09-2023	26-09-2023
38.	Vasumathi N	Eeshani Builders	15days	05-09-2023	03-09-2023
39.	Venkatesh S	Abi Construction	15days	04-09-2023	26-09-2023

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	Visit to Proposed Rigid Pavement, SMVEC	20.07.2023	Transportation Engineering	76
2	Visit to Proposed STTP, SMVEC	21.08.2023	Environmental Engineering	64
3	Field visit to SMVEC school site	19.12.2023	Concrete Technology	64

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	The Ramco Cements Ltd, Mylapore, Chennai	22.12.2023	Curriculum Design , Industrial Training & Visits, Internships and Placements of Students, Research and Development, Skill Development Programs, Guest Lectures	5 Years
2.	Sanvir Associates, Chennai	27.12.2023	Curriculum Design , Industrial Training & Visits, Internships and Placements of Students, Research and Development, Skill Development Programs, Guest Lectures	5 Years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	39
Number of Students opted Higher Studies	05
Number of Entrepreneur	00

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
Nil			

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1.	Bharath. M	SRM Institute of Technology & Science (Deemed University)	M.Tech Structural Engineering
2.	Sriram. B	SRM Institute of Technology & Science (Deemed University)	M.Tech Structural Engineering
3.	Naveen Kumar.A.R	Puducherry Technological University	M.Tech Environmental Engineering
4.	Sasikumar R	Puducherry Technological University	M.Tech Environmental Engineering
5.	Sree Shankar Raman.G	Puducherry Technological University	M.Tech Environmental Engineering

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 / 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	N.Chandrajaya & Sathishkumar	Paper Presentation / 11.10.2023	Kings Engineering College	1st Prize
2	R.Sanjay, G.Rajeshkumar & J.Sanjay	Technical Event/ 31.10.2023	CK College of Engineering and Technology	2nd prize
3	R. Guruprassat	National Level tug of war / 04.12.2023 –08.12.2023	National Level tug of war	Participated

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

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	Dr.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	Ms.G.Yamuna	ISTE & External Examiner
8	Mrs.D.Sathiyasree	ACCE & External Examiner
9	Mrs.B.Pallavi	ISTE
10	Mr.Azhargarsamy	ACCE & External Examiner
11	Mrs.C.Sarika	PONCEA & IEI
12	Mrs.P.Poonthaleer	IEI
13	Mr.S.Tiroumalai	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	Dr.S.Jayakumar	20 years of Academic Excellence award - SMVEC
2	Mr. K.Srinivasan	Best Teacher 2023 - SMVEC

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

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	Dr.S.Sundararaman	Trimble Sketchup	ICT Academy	19.06.2023 to 23.06.2023
2	Dr. S. Jayakumar	Trimble Sketchup	ICT Academy	19.06.2023 to 23.06.2023
3	Mr.J.Subash Chandra Boss	Trimble Sketchup	ICT Academy	19.06.2023 to 23.06.2023
4	A.Kalyani	Trimble Sketchup	ICT Academy	19.06.2023 to 23.06.2023
5	Mr.C.Raj Govind	Trimble Sketchup	ICT Academy	19.06.2023 to 23.06.2023
6	K.Srinivasan	Universal Human Values	AICTE	12.06.2023 to 16.06.2023
7	Mrs.S.Banupriya	Trimble Sketchup	ICT Academy	19.06.2023 to 23.06.2023
8	Mr.S.Sivaprasath	-	-	-
9	Ms .A. Aswini	Trimble Sketchup	ICT Academy	19.06.2023 to 23.06.2023
10	Ms.G.Yamuna	Universal Human Values	AICTE	12.06.2023 to 16.06.2023
11	Ms.S.Nivedita	Trimble Sketchup	ICT Academy	19.06.2023 to 23.06.2023
12	Mrs.D.Sathiyasree	Trimble Sketchup	ICT Academy	19.06.2023 to 23.06.2023
		Universal Human Values	AICTE	12.06.2023 to 16.06.2023
13	Mr.S.Azhaarsamy	Trimble Sketchup	ICT Academy	19.06.2023 to 23.06.2023
14	Mrs.B.Pallavi	Trimble Sketchup	ICT Academy	19.06.2023 to 23.06.2023
15	Mr. G. Senthil Raj	Trimble Sketchup	ICT Academy	19.06.2023 to 23.06.2023
16	Mr. R. Badhrinadhan	-	-	-
17	Mr.S.Madivanan	-	-	-
18	Mr.S.Tiroumalai	-	-	-
19	Mr.V.Murugappan	Universal Human Values	AICTE	12.06.2023 to 16.06.2023

Declaration by HoD

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

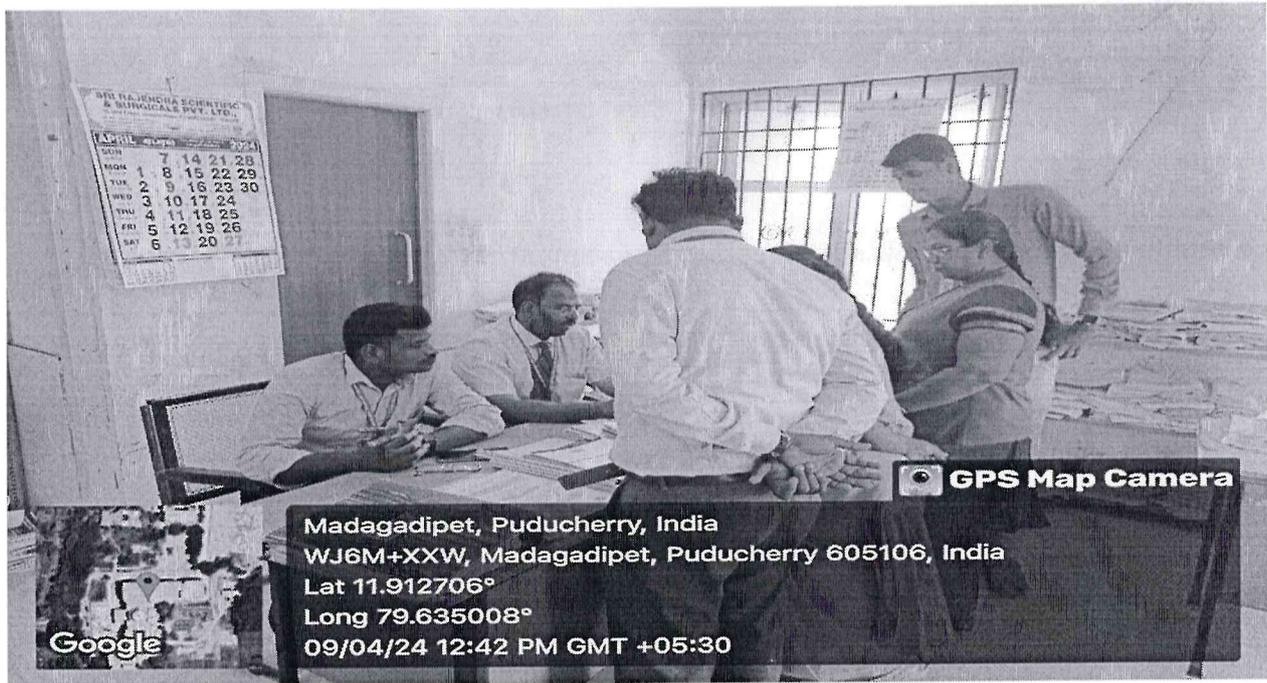

Head of the Department



15-04-2024

Recommendations for CIVIL Engineering Department

Section	Remarks
Curricular Aspects	All documents related to curricular aspects have been thoroughly reviewed and are in order.
Teaching, Learning and Evaluation	The teaching, learning, and evaluation documents have undergone careful scrutiny and are accurate.
Structured Feedback	The structured feedback documents have been meticulously examined and are correct.
Research, Innovations and Publications	While research grant and consultancy works are need to be improved. Suggest encouraging more research publications.
Collaborations and Linkages	It is recommended that we establish more collaboration with industry for projects.
Student Progression	Student progression is satisfactory.
Activity Conducted / Organized by the Department	The department has successfully conducted and organized various activities
Achievements	All documents related to achievements have been verified and are correct.
General Remarks	Satisfactory



Signature of the Internal Academic Audit Experts

Dr. Ravishankar

Associate Professor
Department of Mechanical Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry

Dr. B. Elamurugan

Associate Professor
Department of Management studies
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry



**SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE**

An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107



INTERNAL QUALITY ASSURANCE CELL

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF MECHATRONICS



ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2023-2024)

Internal Audit

SECTION -1: BASIC INFORMATION

Audit Date	12.04.2024					
Name of the Department	Mechatronics					
Year of Establishment	2019					
Programs Offered	<table border="1"> <tr> <td>Name of the Program</td> <td>Approved Intake</td> </tr> <tr> <td>B.Tech Mechatronics</td> <td>60</td> </tr> </table>		Name of the Program	Approved Intake	B.Tech Mechatronics	60
	Name of the Program	Approved Intake				
B.Tech Mechatronics	60					
Head of the Department	Dr.G. Balamuruga Mohan Raj					
Number of full time Teachers	Professor	1				
	Associate Professor	2				
	Assistant Professor	10				
Number of Technical Staff						
Number of Students	For B. Tech:					
	Year	Strength				
	First Year	38				
	Second Year	45				
	Third Year	42				
	Final Year	30				
	Total	155				
Faculty Student Ratio	1:18					

SECTION -2: CURRICULAR ASPECTS

2.1 Academic Plan

S.No	Particular	Available (Yes / No)	Remarks
1	Department Academic Calendar	Yes	Academic calendar is framed every semester including the guest lectures, technical competitions and internals and project reviews
2	Faculty Subject Preferences	Yes	At the beginning of every semester subject preferences are collected from the faculties based on their specialization and separate forms are maintained in the

			department.
3	Elective choices from the Students	Yes	Different electives are floated among students, if more than 20 students optional elective that specific elective is chosen for the particular groups. The electives are categorized in different mechanical specializations.
4	Course allotment to the Faculty	Yes	Once the faculties give their subject willingness, HoD in discussion with academic coordinator allots subjects to the faculties.
5	Time Table (UG)	Yes	Time table are framed by allotting 6 hours for analytical subjects (4 credit papers)with additional tutorial hour and 5 hours for theory subjects(3credit papers)
6	Lesson plan for each Course	Yes	Lesson plans are framed in aligned with academic calendar. The lesson plan is framed module wise.

2.1 Participation of the Faculty in the Curriculum development for courses offered in UG

S.No	Name of the Faculty	Participated as	Course	Year / Sem
1.	Dr.BALAMURUGA MOHAN RAJ	Chairman	B.Tech-MCTR	I,II,III and IV year
2.	Mr.P.RAMESH KUMAR	Internal Member	B.Tech-MCTR	I,II,III and IV year
3.	Mr.S.SARAVANAN	Internal Member	B.Tech-MCTR	I,II,III and IV year
4.	Mr.S.PRAKASH	Internal Member	B.Tech-MCTR	I,II,III and IV year
5.	Ms.E.AGALYA	Internal Member	B.Tech-MCTR	I,II,III and IV year
6.	Ms.R. SUNANTHA	Internal Member	B.Tech-MCTR	I,II,III and IV year
7.	Ms R.ALAGUSELVI	Internal Member	B.Tech-MCTR	I,II,III and IV year
8.	Ms.J.SIVAPRIYA	Internal Member	B.Tech-MCTR	I,II,III and IV year
9.	Mr.R.PRADEEP	Internal Member	B.Tech-MCTR	I,II,III and IV year
10.	Mrs.S.Kalaimani	Internal Member	B.Tech-MCTR	I,II,III and IV year
11.	Mr.S.Jagan	Internal Member	B.Tech-MCTR	I,II,III and IV year
12.	Mr.B.Ganesa moorthy	Internal Member	B.Tech-MCTR	I,II,III and IV year
13.	Ms.M.Subitha	Internal Member	B.Tech-MCTR	I,II,III and IV year

2.2 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: Automotive Electronics	U20MCE508	42
2	IV/VII	Professional Elective – IV Non-Destructive Testing Methods	U20MCE716	30

2.3 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	Mechanical	Open Elective –II: Creativity Innovation and New Product Development	U20MEO505	42
2	IV/VII	Mechanical	Open Elective – IV Supply Chain Management	U20MEO707	30

2.4 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 3: 3D Printing	U20MCS303	45
2	III/V	Skill Development Course - IV : Career and Professional Skill Development Program – I	U20MCS504	42
3	III/V	Skill Development Course 5: Presentation Skills using ICT	U20MCS505	42

2.5 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 : Fusion 360	U23MCC150	37
2	II/III	Certification Course – III : Electro Hydraulic Automation with PLC	U20MCC342	45
3	III/V	Certification Course – V: Embedded System with IoT	U20MCC545	42

2.6 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	I/I	Induction Program (UHV-I)	U23MCM101	38
2	II/III	Physical Education	U20MCM303	42
3	III/V	Indian Constitution	U20MCM505	42

SECTION 3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: II/III ODD (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	Complex Analysis and Applications of Partial Differential Equations U20BST320	Mr.K.Gurusamy	60	54	54
2	Data Structure U20EST356	Ms. Pradeesshma.	60	60	60
3	Analog and Digital Circuits Design U20MCT304	Ms.R. Sunantha	45	45	45
4	Strength of Materials U20MCT305	Mr.S.Prakash	60	60	60
5	Fluid Mechanics and Hydraulic Machinery U20MCT306	Mr.S.Jagan	60	57	57
6	Sensors Transducers and Measurement system U20MCT307	Ms.M.Subitha	45	45	45
7	General Proficiency – I U20HSP301	Mrs.K.Madhanavathi	30	30	30
8	Data Structures Laboratory U20ESP357	Ms. Pradeesshma.	30	30	30
9	Analog and Digital Circuits Lab U20MCP303	Ms.R. Sunantha	30	30	30
10	Strength of Materials and Fluid Machinery Lab U20MCP304	Mr. S. Jagan	30	30	30

Semester: III/V ODD (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.	Operations Research for Mechatronics U20BST553	Mr.R.Rajesh	60	60	60
2.	Control Systems for Mechatronics Systems U20MCT510	Ms.E.Agalya	60	60	60

3.	Microprocessors and Controllers U20MCT511	Ms.S. Kalaimani	45	45	45
4.	CNC and Metrology U20MCT512	Mr.S.Prakash	45	42	42
5.	Professional Elective –II: Automotive Electronics U20MCE508	Ms.M.Subitha	45	45	45
6.	Open Elective – II: Creativity Innovation and New Product Development U20MEO505	Dr.M. Elangovan,	45	45	45
7.	Microprocessors and Controllers Lab U20MCP507	Ms R.Alaguseelvi	30	30	30
8.	Virtual Instrumentation Lab U20MCP508	Mr.P.Kiruthika	30	30	30
9.	CNC and Metrology Lab U20MCP509	Mr.S.Prakash/Asst Prof	30	30	30

Semester: IV/VII ODD (2020-2024)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	PLC and Data Acquisition Systems U20MCT717	Ms.J.Sivapriya	45	45	45
2.	Design of Mechatronics System U20MCT718	Ms.S. Kalaimani	60	55	55
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.E.Manikandan,	45	46	46
5.	Business Basics for Entrepreneur U20HSP703	Dr.R.Sivakumar	30	30	26

6.	Computer Aided Engineering Lab U20MCP713	Mr. S.Prakash,	30	30	30
7.	Industrial Automation Lab U20MCP714	Mr.R.Pradeep	30	30	30
8.	Comprehensive Viva-voce U20MCP715	Mr.P.Ramesh Kumar	30	30	30
9.	Project Phase – I U20MCW701	Mr.S.Saravanan	30	30	30

Semester : I/I ODD (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	Engineering Mathematics - I U23MATC01	Dr.G.Poonkuzhali	60	60	62
2	Physical Science for Engineers U23BSTC01	Dr.T.Sivaranjani/PHYSICS Dr.A.Balamurugan/CHEMISTRY	45	45	45
3	Programming in C U23CSTC01	Mr. S. Ganesan,	45	45	48
4	Basics of Civil and Mechanical Engineering U23ESTC01	Mr. Jayachandran	45	45	45
5	Engineering Mechanics U23ESTC02	Mr. S. Saravanan,	60	60	66
6	Communicative English- I U23ENBC01	Ms.S.Jasmine	30	30	33
7	Engineering Graphics using AutoCAD Lab U23ESPC03	Dr.M.Elangovan,	30	30	33
8	Programming in C Lab U23CSPC01	Dr.Raja	30	30	30
9	Design Thinking and Creativity Lab U23ESPC02	Dr.Ganesh Kumaran	30	30	30

3.2 Use of ICT Tools in Teaching Learning

Semester: II/III

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.K.Gurusamy	Complex Analysis and Applications of Partial Differential Equations U20BST320	PPT& Video Lecture
2	Ms. Pradeeshma	Data Structure U20EST356	PPT& Video Lecture
3	Ms.R. Sunantha	Analog and Digital Circuits Design U20MCT304	PPT& Video Lecture
4	Mr.S.Prakash	Strength of Materials U20MCT305	PPT& Video Lecture
5	Mr.S.Jagan	Fluid Mechanics and Hydraulic Machinery U20MCT306	PPT& Video Lecture
6	Ms.M.Subitha	Sensors Transducers and Measurement system U20MCT307	PPT& Video Lecture
7	Mrs.K.Madhanavathi	General Proficiency – I U20HSP301	PPT& Video Lecture
8	Ms. Pradeeshma	Data Structures Laboratory U20ESP357	PPT & Program writing
9	Ms.R. Sunantha	Analog and Digital Circuits Lab U20MCP303	Circuit Simulation and working
10	Mr. S. Jagan	Strength of Materials and Fluid Machinery Lab U20MCP304	working and Demonstration

Semester: III/V

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.R.Rajesh	Operations Research for Mechatronics U20BST553	PPT& Video Lecture
2	Ms.E.Agalya	Control Systems for Mechatronics Systems U20MCT510	PPT& Video Lecture
3	Ms.S. Kalaimani	Microprocessors and Controllers U20MCT511	PPT& Video Lecture
4	Mr.S.Prakash	CNC and Metrology U20MCT512	PPT& Video Lecture
5	Ms.S. Kalaimani	Professional Elective –II: Automotive Electronics U20MCE508	PPT& Video Lecture
6	Dr.M. Elangovan,	Open Elective –II: Creativity Innovation and New Product Development U20MEO505	PPT& Video Lecture
7	Ms R.Alaguselvi	Microprocessors and Controllers Lab U20MCP507	Program Simulation
8	Mr.P.Kiruthika	Virtual Instrumentation Lab U20MCP508	Circuit Simulation and working
9	Mr.S.Prakash	CNC and Metrology Lab U20MCP509	working and Demonstration

Semester : IV/VII

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Ms.J.Sivapriya	PLC and Data Acquisition Systems U20MCT717	PPT& Video Lecture
2	Ms.S. Kalaimani	Design of Mechatronics System U20MCT718	PPT& Video Lecture
3	Dr.G.B.M.Mohanraj	Professional Elective – IV Non-Destructive Testing Methods U20MCE716	PPT& Video Lecture
4	Mr.E.Manikandan,	Open Elective – IV Supply Chain Management U20MEO707	PPT& Video Lecture
5	Dr.R.Sivakumar	Business Basics for Entrepreneur U20HSP703	PPT& Video Lecture

Semester : I/I

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.G.Poonkuzhali	Engineering Mathematics - I U23MATC01	PPT& Video Lecture
2	Dr.T.Sivaranjani/PHYSICS Dr.A.Balamurugan/CHEMISTRY	Physical Science for Engineers U23BSTC01	PPT& Video Lecture
3	Mr. S. Ganesan,	Programming in C U23CSTC01	PPT& Video Lecture
4	Mr. S.Prakash	Basics of Civil and Mechanical Engineering U23ESTC01	PPT& Video Lecture
5	Mr. S. Saravanan,	Engineering Mechanics U23ESTC02	PPT& Video Lecture
6	Ms.S.Jasmine	Communicative English- I U23ENBC01	PPT& Video Lecture
7	Dr.M.Elangovan,	Engineering Graphics using AutoCAD Lab U23ESPC03	Design Drawing
8	Dr.Raja	Programming in C Lab U23CSPC01	PPT& Video Lecture
9	Mr.S.Jagan,	Design Thinking and Creativity Lab U23ESPC02	working and Demonstration

3.3 List of Expert Lectures / Workshop Conducted

S. No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
	Nil			

3.4 Activities for Slow and Advanced Learners

Semester: II/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	Mr.K.Gurusamy	YES	4	YES
2.	Data Structure U20EST356	Ms. Pradeesshma.	YES	3	YES
3.	Analog and Digital Circuits Design U20MCT304	Ms.R. Sunantha	YES	4	YES
4.	Strength of Materials U20MCT305	Mr.S.Prakash	YES	3	YES
5.	Fluid Mechanics and Hydraulic Machinery U20MCT306	Mr.S.Jagan	YES	3	YES
6.	Sensors Transducers and Measurement system U20MCT307	Ms.M.Subitha	YES	3	YES

Semester: III/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	Operations Research for Mechatronics U20BST553	Mr.R.Rajesh	YES	4	YES
2	Control Systems for Mechatronics Systems U20MCT510	Ms.E.Agalya	YES	3	YES
3	Microprocessors and Controllers U20MCT511	Ms.S. Kalaimani	YES	4	YES
4	CNC and Metrology U20MCT512	Mr.S.Prakash	YES	3	YES
5	Professional Elective –II: Automotive Electronics U20MCE508	Ms.S. Kalaimani	YES	3	YES
6	Open Elective –II: Creativity	Dr.M. Elangovan,	YES	3	YES

Innovation and New Product Development U20MEO505				
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Semester: IV/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	Ms.J.Sivapriya	PLC and Data Acquisition Systems U20MCT717	YES	3	YES
2	Ms.S. Kalaimani	Design of Mechatronics System U20MCT718	YES	3	YES
3	Dr.G.B.M.Mohanraj	Professional Elective – IV Non-Destructive Testing Methods U20MCE716	YES	3	YES
4	Mr.E.Manikandan,	Open Elective – IV Supply Chain Management U20MEO707	YES	3	YES

Semester: I/I

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Engineering Mathematics - I U23MATC01	Dr.G.Poonkuzhali	YES	3	YES
2	Physical Science for Engineers U23BSTC01	Dr.T.Sivaranjani/Physics Dr.A.Balamurugan/Chemistry	YES	3	YES
3	Programming in C U23CSTC01	Mr. S. Ganesan,	YES	3	YES
4	Basics of Civil and Mechanical Engineering U23ESTC01	Mr. S.Prakash	YES	3	YES
5	Engineering Mechanics U23ESTC02	Mr. S. Saravanan,	YES	3	YES
6	Communicative English- I U23ENBC01	Ms.S.Jasmine	YES	3	YES

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	Yes	Mentor-Mentee system is our integral part. For each mentors 13 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

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
155	13	1:18

3.6 Internal Evaluation Systems

S.No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	Yes	Maintained in the course files as well with the exam coordinator.
2	End Semester Examination Record	Yes	Maintained in the department exam cell
3	Student Grade Report	Yes	Maintained in the department exam cell

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	Yes	Well stated and passed in BOS
3	Course Outcome Attainment Calculated	Yes	-
4	PSO and PO attainment through CO	Yes	-

3.8 Student Performance in End Semester Examination Semester – III(2022-2026) BATCH

Sr. No	Particular	B.Tech
		II Yr
1	Number of Students appeared	45

2	Number of All Clear Students	29
3	Number of Students passed with Distinction	1
4	Number of Students passed with First Class	27
5	Number of Students passed with Second Class	1
6	Number of Students Failed	16
7	Passing Percentage	64.44 %

Semester – V (2021-2025) BATCH

Sr. No	Particular	B.Tech
		III Yr
1	Number of Students appeared	42
2	Number of All Clear Students	35
3	Number of Students passed with Distinction	5
4	Number of Students passed with First Class	30
5	Number of Students passed with Second Class	-
6	Number of Students Failed	7
7	Passing Percentage	83.33 %

Semester – VII(2020-2024) BATCH

Sr. No	Particular	B.Tech
		IV Yr
1	Number of Students appeared	30
2	Number of All Clear Students	29
3	Number of Students passed with Distinction	05
4	Number of Students passed with First Class	24
5	Number of Students passed with Second Class	-
6	Number of Students Failed	1
7	Passing Percentage	96.66%

Semester – I (2023-2027) BATCH

Sr. No	Particular	B.Tech
		I Yr
1	Number of Students appeared	37
2	Number of All Clear Students	09
3	Number of Students passed with Distinction	02
4	Number of Students passed with First Class	07
5	Number of Students passed with Second Class	-
6	Number of Students Failed	28
7	Passing Percentage	24.32%

SECTION – IV :STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning	Yes	155	

	conducted with action taken report			
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	20	
3	Student Exit Survey conducted and Analysed	Yes	15	
4	Alumni Feedback conducted and Analysed	Yes	15	

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	-				

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated (Rs.)	Duration of the Consultancy
1	-	-	-	-	-

5.3 Faculty Publications

Publication Details

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors
1	2023-2024	Electric Power Components and Systems	Scopus	-	-	1.5

Publication Details for Academic Year consider for Auditing (2020-2021)

Number of Publication in National Journals	-
Number of Publication in International Journals	01
Number of Publication in National Conferences	-
Number of Publication in International Conferences	-
Number of Books / Book Chapters	-
Number of Patent (Filed)	-
Number of Patents Granted	-

National Journal

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

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/ISSN	Indexing
1	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	Electric Power Components and Systems	ISSN: 1532-5008 DOI: 10.1080/15325008.2023.2218368	

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	NIL			

Patent

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

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry /	About Internship

		Research Institute / Partnering Institution	Duration	From date	To date
1	Saran.S.S	Aerobiosys innovations Pvt.Ltd	15 days	03-10-23	20-10-23
2	Vignesh.M	Saipro Electromation	7 days	22-11-23	28-11-23
3	Kumaran T	Abirami Enterprises	7 Days	05-10-23	14-10-23
4	Varadaraj H	Solara Active pharma science	7 days	31-10-23	06-11-23
5	Gowtham	Solara Active Pharma Science Ltd	7 days	31-10-23	06-11-23
6	Cyrl C	Shri mouliiswara poly private limited	10 days	20-11-23	31-12-23
7	J Vivyan Paul	Rane brakes lining ltd.	15 Days	10-11-23	25-11-23
8	Bharanidharan M	Solara active Pharma sciences limited	7 days	31-10-23	06-11-23
9	Hariharan S	Abirami Enterprises private limited.	10 days	05-10-23	14-10-23
10	Abhijit Arjun G	CampLegal	7 days	10-11-23	17-11-23
11	Brindha D	Abirami enterprises	10 days	05-10-23	14-10-23
12	Vignesh M	Saipro Electromation	7 days	0023-11-22	0023-11-28
13	Kumaran T	Abirami Enterprises	7 DAYS	05-10-23	14-10-23
14	Shanmugadasan R	Abirami Enterprises	6 Days	05-10-23	14-10-23
15	Muthukrishanan.R	Aerobiosys Inovations Private Limited	10 days	28-09-23	20-10-23
16	Daniel. S	Abirami Enterprises	9 days	05-10-23	15-10-23
17	Muralitharan.M	Solara active pharma science limited	7 days	31-10-23	06-11-23
18	Kaveyen S	Solara Active Pharma Science Limited	7 days	30-10-23	06-11-23
19	Arunachalam V	Solara Active Pharma Sciences	7 days	31-10-23	06-11-23
20	Anandhakeerthi	Solara Active Pharma Science Ltd	7 days	31-10-23	06-11-23
21	Anandhan.A	Solara active pharma science limited	10 days	31-10-23	06-11-23
22	Mukundan.R	Abirami Enterprises	7 days	05-10-23	14-10-23
23	Dharanidaran R	Solara Active Pharma Sciences Limited	7 days	31-10-23	06-11-23
24	Raghul A B	Devi Innoventures	7 days	04-09-23	09-09-23
25	Prasanna Kumar R S	Solara Active Pharma Science Limited	7 days	31-10-23	06-11-23
26	Arun. A	Solar Active Pharma Science	7 days	31-10-23	06-11-23
27	Roopashree	Shri Mouliiswara Poly Private Limited	10 days	21-11-23	30-11-23
28	Santhosh S	Aerobiosys Innovations	14 days	03-10-23	20-10-23
29	Mounishwar R	Abirami Enterprises	7 days	05-10-23	14-10-23
30	A.Thirumalai vasan	Solara active Pharma science	7 days	31-10-23	06-11-23
31	Rakkesh A B	Devi Innoventures	6 days	04-09-23	09-09-23
32	Mohammed Fadil R	Abirami Enterprises	7 Days	05-10-23	14-10-23

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			

Industrial Visits

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

6.3 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	7
Number of Students opted Higher Studies	2
Number of Entrepreneur	1

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	BHARANIDHARAN M	Valeo Friction Materials India Pvt Ltd	4.2 Lakhs Per Annum
2	ROOPASHREE A	Renault Nissan Technology and Business Center India Pvt Ltd	4.75 Lakhs Per Annum
3	ANANDHAN A	Renault Nissan Technology and Business Center India Pvt Ltd	4.75 Lakhs Per Annum
4	ABHIJIT ARJUN G	Tata Consultancy services	3.36 Lakhs Per Annum
5	DHARANIDHARAN R	Tata Consultancy services	3.36 Lakhs Per Annum
6	GOWHAM U	Tata Consultancy services	3.36 Lakhs Per Annum
7	VIGNESH M	PROVENTEQ	4.5 Lakhs Per Annum
8	SARAN.S.S	Energy Guard Technology	3 Lakhs Per Annum

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	MAADESH A	Thiagarajar School of Management, Madurai	MBA
2	ABINESH.S	SRM Institute of	M.Tech (Mechatronics)

		science & Technology	
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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

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	Robot Operating System	Department	03.06.2023	State	30
2	Industrial Automation and Advance Pneumatic Controls	Department	16.11.2023 to 18.11.2023	State	20
3	Industrial Automation and Advance Pneumatic Controls	Department	20.10.2023 To 21.10.2023	State	40

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	Additya S, Hariprasd.R	MACHENZY 23(National Level Technical Symposium)	Sri Sai Ram Engineering College	First Prize (Received Amount Rs 2000)
2	RUTHRESH A, HARRI PRASAD R	SMART INDIA HACKATHON)	AICTE(Ministry of Social Justice And Empowerment)	Participated

3	RUTHRESH A,	ICON SYMPOSIUM	Pondicherry Technological University	Participated
4	GANESHKUMAR S	MECHANICA IIT-MADRAS	TOP ENGINEERS(Upgrading Engineering version Anna UNIVERSITY Alumni startup	Participated
5	SWAMINATH R	PTU IOE HUB AND PTU IEEE SB	Pondicherry Technological University	Participated

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

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	Dr.G.B.M.Mohanraj	Member of Robotic Society of India,IIT Madras/ National Level

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

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

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	NIL	

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

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	S.Jagan	Power English My	Narenn Edutech Consulting, Malaysia	09.09.2023
2.	S.Jagan	Trends in Technological Intelligence 2023 (T2I-2023)"	Departments of Electronics & Communication Engg. and Electrical Engg.	21.08.2023 to 25.08.2023

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	Appropriate formats need to be maintained for Faculty course willingness and allotment
Teaching, Learning and Evaluation	1.Attainment level need to be fixed and worked accordingly 2.Expert Lectures need to be organized
Structured Feedback	QCM alone is maintained. Other feedback from stake holders need to be collected
Research, Innovation and Publications	Only 1 paper published. Activities related to R&D are to be improved
Collaborations and Linkages	Need to concentrate on MoU, Industrial projects and consultancy work
Student Progression	Good
Activity Conducted / Organized by the Department	Only three programmes organized
Achievements	Faculty participations need to be improved
General Remarks	<ul style="list-style-type: none">• More concentration required in R&D• More concentration required in Industry-institute interaction• More concentration required on activity conducted and organized by the department

Signature of the External Academic Audit Experts

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



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



**SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE**

An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605107



INTERNAL QUALITY ASSURANCE CELL

ACADEMIC AND ADMINISTRATIVE AUDIT

**DEPARTMENT OF
BIO MEDICAL ENGINEERING**



ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2023-2024)

Internal Audit

SECTION -1: BASIC INFORMATION

Audit Date	09.04.2024			
Name of the Department	BIOMEDICAL ENGINEERING			
Year of Establishment	2019			
Programs Offered	Name of the Program		Approved Intake	
	B.Tech – Biomedical Engineering		60	
Head of the Department	Dr.A.Vijayalakshmi			
Number of full time Teachers	Professor	1		
	Associate Professor	NIL		
	Assistant Professor	15		
Number of Technical Staff				
Number of Students	For B.Tech:		For M.Tech	
	Year	Strength	Year	Strength
	First Year	46	First Year	-
	Second Year	55	Second Year	-
	Third Year	39	Total	-
	Fourth Year	48		
	Total	188		
Faculty Student Ratio	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 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.A.Vijayalakshmi Professor and Head Department of Biomedical Engineering	Chairman	All Courses	I / I & II II / III & IV
2	Mr.A.V.Srinath Assistant Professor Specialization: Biomedical Instrumentation	Internal Member	B.Tech 1. Biomedical Instrumentation	II/IV
			2. Biomedical Instrumentation Laboratory	II/IV
			3. Biomechanics	II/IV
3	Mr.P.M.Bharath Assistant Professor Specialization: Embedded System Technologies	Internal Member	B.Tech 1. Electron Devices and Circuits	I/II
			2. Electron Devices and Circuits Laboratory	I/II
			3. Communication Systems	II/IV
			4. Biosignal Processing	II/IV
			5. Biosignal Processing Laboratory	II/IV
4	Mrs.N.Radha Assistant Professor Specialization: Wireless Communication	Internal Member	B.Tech 1. Digital Logic Circuits	II/III
			2. Biometric Systems	II/IV
			3. Environmental Biotechnology	II/IV
5	Mrs.S.Suguna Assistant Professor Specialization: Applied Electronics	Internal Member	B.Tech 1. Biosensors and Transducers	I/II
			2. Biosensors and Transducers Laboratory	I/II
			3. Biosignals and Systems	II/III
			4. Linear Integrated Circuits	II/IV
			5. Linear Integrated Circuits Laboratory	II/IV
6	Mr.T.Logasunadari Assistant Professor Specialization: Medical Electronics	Internal Member	B.Tech 1. Human Anatomy and Physiology	I/I
			2. Pathology and Microbiology	I/II
			3. Medical Physics	II/IV

			4.Biological Nanostructures	II/IV
7	Mr.A.Aravind Assistant Professor Specialization:Nanotechnology	Internal Member	B.Tech 1.Nano Biosensors	III/VI
			2.Nanotechnology in Tissue Engineering	IV/VII
			3.Nanotechnology in Health Care	IV/VIII
8	Mr.M.Vadivelan Assistant Professor Specialization:VLSI Design	Internal Member	B.Tech 1. Basic Electrical Circuits	I/I
			2. Basic Electrical Circuits Laboratory	I/I
9	Mr.K.Babu Assistant Professor Specialization:Communication and Networks	Internal Member	B.Tech 1.Hospital Equipment Safety and Management	II/IV
			2.Self-Assembly of Nanostructures	III/V

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	48
2	III / V	Bio Telemetry and Telemedicine	U20BME506	39

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	CSE	Cloud Technology and its applications	U20CSO706	48
2	III/V	MBA	Project Management for Engineers	U20HSO504	39

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	U20BMS504	39
2	II / III	Masters in Microsoft Excel	U20BMS302	55

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	Android Medical App Development	U20BMC506	39
2	II/III	Python Programming	U20BMC374	55
3	I/I	C Programming	U23BMC123	46

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	48
2	III/V	Indian Constitution	U20BMM505	39
3	II/III	Physical Education	U20BMM303	55
4	I/I	Induction Program	U23BMM101	46

SECTION -3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

IV Year / VII Semester - (2020-2024)

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.A.Aravind	45	45	47
2	Medical Image Processing / U20BMT719	Mr.K.Babu	45	45	48
3	Professional Elective – IV / Nanotechnology in Medicine / U20BME720	Ms.S.Gowthami Devi	45	45	47
4	Open Elective – IV / Cloud Technology and its Applications / U20CSO706	Mrs.P.Gajalakshmi	45	45	48
5	Business Basics for Entrepreneur / U20HSP703	Mr.Anbarasan	30	30	26
6	Virtual Bioinstrumentation Laboratory / U20BMP713	Mr.A.Aravind	30	30	33
7	Medical Image Processing Laboratory / U20BMP714	Mr.K.Babu	30	30	27
8	Comprehensive Viva-voce / U20BMP715	Mrs.S.Suguna	30	30	33
9	Project Phase – I / U20BMW701	Dr.A.Vijayalakshmi	60	60	63

III Year / V 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	Bio Statistics / U20BST552	Mrs.M.Sugasini	60	60	56
2	Biomedical Instrumentation / U20BMT511	Mr.A.V.Srinath	45	45	42
3	Microcontroller and Embedded Systems / U20BMT512	Mr.P.M.Bharath	45	45	51
4	Biocontrol Systems / U20BMT513	Mrs.N.Radha	60	60	52
5	Professional Elective-II /Bio Telemetry and Telemedicine/ U20BME506	Dr.S.Senthilkumar	45	45	44
6	Open Elective-II / Project Management for Engineers / U20HS504	Mrs.M.Angelamary	45	45	42
7	Statistical Laboratory/ U20BSP545	Mrs.M.Vasanth	30	30	25
8	Biomedical Instrumentation Laboratory / U20BMP507	Mr.A.V.Srinath	30	30	25
9	Microcontroller and Embedded Systems Laboratory / U20BMP508	Mr.P.M.Bharath	30	30	27
10	Computation Laboratory/ U20BMP507	Mrs.N.Radha	30	30	25

II Year / III 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/ U20BST322	Mrs.M.Sugasini	60	60	59
2	Data Structures/ U20EST356	Mrs.C.Karthiga	45	45	49
3	Biosensors and Transducers/ U20BMT305	Mr.R.Vignesh Raj	45	45	46

4	Biosignals and Systems/ U20BMT306	Mrs.S.Suguna	60	60	58
5	Digital Logic Circuits/ U20BMT307	Dr.A.Vijayalakshmi	45	45	46
6	Biomechanics/ U20BMT308	Mrs.S.Arunthathi	45	45	51
7	General Proficiency – I/ U20HSP301	Mrs.R.Gajalakshmi	30	30	27
8	Data Structures Laboratory/ U20ESP357	Mrs.C.Karthiga	30	30	33
9	Biosensors and Transducers Laboratory/ U20BMP303	Mr.R.Vignesh Raj	30	30	33
10	Digital Logic Circuits Laboratory/ U20BMP304	Mrs.S.Rajalakshmi	30	30	26

I Year / I 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	Engineering Mathematics – I U23MATC01	Mrs.T.Kalaiselvi	60	60	65
2	Physical Science for Engineers /U23BSTC01	Dr.K.Samuvel Mr.M.Murugan	45	45	62
3	Human Anatomy and Physiology/ U23BMT101	Mrs.T.Logasundari	45	45	62
4	Basic Electrical Circuits /U23BMT102	Mr.M.Vadivelan	60	60	60
5	Fundamentals of Civil and Mechanical Engineering/ U20ESTC01	Mr.M.Santhosh Kumar Mrs.A.Kalyani	45	45	55
6	Communicative English-I / U23ENBC01	Mr.A.Antoine Prasad	60	60	54
6	Physiology Laboratory/ U23BMP101	Mrs.T.Logasundari	30	30	36
7	Basic Electrical Circuits Laboratory/ U23BMP102	Mr.M.Vadivelan	30	30	36
8	Design Thinking and IDEA Lab/ U23ESPC02	Dr.L.M.Martin	30	30	30

3.2 Use of ICT Tools in Teaching Learning

IV Year / VII Semester - (2020-2024)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.A.Aravind	Virtual Bioinstrumentation / U20BMT718	PPT&Video
2	Mr.K.Babu	Medical Image Processing / U20BMT719	PPT
3	Ms.S.Gowthami Devi	Professional Elective – IV / Nanotechnology in Medicine / U20BME720	PPT&Video
4	Mrs.P.Gajalakshmi	Open Elective – IV / Cloud Technology and its Applications / U20CSO706	PPT
5	Mr.R.Anbarasan	Business Basics for Entrepreneur / U20HSP703	PPT
6	Mr.A.Aravind	Virtual Bioinstrumentation Laboratory / U20BMP713	PPT&LabVIEWVideo
7	Mr.K.Babu	Medical Image Processing Laboratory / U20BMP714	PPT&Matlab Simulation Video demonstration
8	Mrs.S.Suguna	Comprehensive Viva-voce / U20BMP715	PPT
9	Dr.A.Vijayalakshmi	Project Phase – I / U20BMW701	PPT

III Year / V Semester - (2021-2025)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.M.Sugasini	Bio Statistics / U20BST552	PPT
2	Mr.A.V.Srinath	Biomedical Instrumentation / U20BMT511	PPT&Video
3	Mr.P.M.Bharath	Microcontroller and Embedded Systems / U20BMT512	PPT&Video
4	Mrs.N.Radha	Biocontrol Systems / U20BMT513	PPT
5	Dr.S.Senthilkumar	Professional Elective-II / Bio Telemetry and Telemedicine/ U20BME506	PPT&Video
6	Mrs.M.Angelamary	Open Elective-II / Project Management for Engineers / U19HS504	PPT
7	Mr.M.Vasanth	Statistical Laboratory/ U20BSP545	PPT& Video demonstration
8	Mr.A.V.Srinath	Biomedical Instrumentation Laboratory / U20BMP507	PPT& Video demonstration
9	Mr.P.M.Bharath	Microcontroller and Embedded Systems Laboratory / U20BMP508	PPT& Video demonstration
10	Mrs.N.Radha	Computation Laboratory/ U20BMP507	PPT&Matlab Simulation Video demonstration

II Year / III Semester - (2022-2026)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs.M.Sugasini	Numerical Methods/ U20BST322	PPT
2	Mrs.C.Karthiga	Data Structures/ U20EST356	PPT&Video
3	Mr.R.Vignesh Raj	Biosensors and Transducers/ U20BMT305	PPT&Video
4	Mrs.S.Suguna	Biosignals and Systems/ U20BMT306	PPT&Video
5	Dr.A.Vijayalakshmi	Digital Logic Circuits/ U20BMT307	PPT&Video
6	Mrs.S.Arunthathi	Biomechanics/ U20BMT308	PPT&Video
7	Mrs.R.Gajalakshmi	General Proficiency – I/ U20HSP301	PPT
8	Mrs.C.Karthiga	Data Structures Laboratory/ U20ESP357	PPT& Video demonstration
9	Mr.R.Vignesh Raj	Biosensors and Transducers Laboratory/ U20BMP303	PPT& Video demonstration
10	Mrs.S.Rajalakshmi	Digital Logic Circuits Laboratory/ U20BMP304	PPT&Matlab Simulation Video demonstration

I Year / I 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	Engineering Mathematics – I /U23MATC01	PPT
2	Dr.K.Samuvel Mr.M.Murugan	Physical Science for Engineers /U23BSTC01	PPT&Video
3	Mrs.T.Logasundari	Human Anatomy and Physiology/ U23BMT101	PPT&Video
4	Mr.M.Vadivelan	Basic Electrical Circuits /U23BMT102	PPT&Video
5	Mr.M.Santhosh Kumar Mrs.A.Kalyani	Fundamentals of Civil and Mechanical Engineering/ U20ESTC01	CAD Software
6	Mr.A.Antoine Prasad	Communicative English-I / U23ENBC01	PPT&Video
7	Mrs.T.Logasundari	Physiology Laboratory/ U23BMP101	PPT& Video demonstration
8	Mr.M.Vadivelan	Basic Electrical Circuits Laboratory/ U23BMP102	PPT& Video demonstration

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Awareness on Critical Care Unit	Mrs. Keerthana Ravichandran	28.06.2023	87
2	Introduction to Intellectual Property and Patent Filing Procedure	Mr.S.Udhayashankar	28.07.2023	142

3	Medical Robotics	Dr.R.KishoreKanna	21.07.2023	103
4	Medical Coding	Mrs. V. S. Suganya	07.09.2023	39
5	Research – quality on Physiological Signals	Mr. Frazer Findlay	19.10.2023	48
6	Equipment Troubleshooting and Service	Mrs.V.Kaviya	19.11.2023	142
7	Neurorehabilitation and Stroke Management	Dr.D.Prema	20.11.2023	188
8	Nano Biosensors and its Application	Mr. K. Vishal Mani Kalai Mani	20.11.2023	87
9	Industry Expectations and Job Opportunities for Biomedical Engineers	Dr.S.Atheena Milagi Pandian	25.11.2023	188

3.4 Activities for Slow and Advanced Learners IV Year / VII Semester - (2020-2024)

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 / U20BMT718	Mr.A.Aravind	Yes	2 ✓	Yes
2	Medical Image Processing / U20BMT719	Mr.K.Babu	Yes	2 ✓	Yes
3	Professional Elective – IV / Nanotechnology in Medicine / U20BME720	Ms.S.Gowthami Devi	Yes	2 ✓	Yes
4	Open Elective – IV / Cloud Technology and its Applications / U20CSO706	Mrs.P.Gajalakshmi	Yes	2 ✓	Yes

III Year / V Semester - (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	Bio Statistics / U20BST552	Mrs.M.Sugasini	Yes	2	Yes

2	Biomedical Instrumentation / U20BMT511	Dr.A.V.Srinath	Yes	2	Yes
3	Microcontroller and Embedded Systems / U20BMT512	Mr.P.M.Bharath	Yes	2	Yes
4	Biocontrol Systems / U20BMT513	Mrs.N.Radha	Yes	2	Yes
5	Professional Elective-II / Bio Telemetry and Telemedicine/ U20BME506	Dr.S.Senthilkumar	Yes	2	Yes
6	Open Elective-II / Project Management for Engineers / U19HS504	Mrs.M.Angelamary	Yes	2	Yes

II Year / III Semester - (2022-2024)

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/ U20BST322	Mrs.M.Sugasini	Yes	2	Yes
2	Data Structures/ U20EST356	Mrs.C.Karthiga	Yes	2	Yes
3	Biosensors and Transducers/ U20BMT305	Mr.R.Vignesh Raj	Yes	2	Yes
4	Biosignals and Systems/ U20BMT306	Mrs.S.Suguna	Yes	2	Yes
5	Digital Logic Circuits/ U20BMT307	Dr.A.Vijayalakshmi	Yes	2	Yes
6	Biomechanics/ U20BMT308	Mrs.S.Arunthathi	Yes	2	Yes

I Year / I Semester - (2023-2027)

S.No	Name of the Course	Name of the Faculty	Slow / Advanced Learners are Identified (Yes / No)	No. of Sessions conducted for slow learner	Activities / Task Assigned for Advanced Learners (Yes / No)
1	Engineering Mathematics – I U23MATC01	Mrs.T.Kalaiselvi	Yes	2	Yes

2	Physical Science for Engineers /U23BSTC01	Dr.K.Samuvel Mr.M.Murugan	Yes	2	Yes
3	Human Anatomy and Physiology/ U23BMT101	Mrs.T.Logasundari	Yes	3	Yes
4	Basic Electrical Circuits /U23BMT102	Mr.M.Vadivelan	Yes	2	Yes
5	Fundamentals of Civil and Mechanical Engineering/ U20ESTC01	Mr.M.Santhosh Kumar Mrs.A.Kalyani	Yes	2	Yes
6	Communicative English-I / U23ENBC01	Mr.A.Antoine Prasad	Yes	1	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
188	16	1:16

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	Mention the target: 55%(2019-2023) 60%(2020-2024) 65% (2021-2025) 70%(2022-2026) 75%(2023-2027)
4	PSO and PO attainment through CO	Yes	

**3.8 Student Performance in End Semester Examination
IV Year / VII Semester - (2020-2024)**

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	48	
2	Number of All Clear Students	46	
3	Number of Students passed with Distinction	14	
4	Number of Students passed with First Class	33	
5	Number of Students passed with Second Class	1	
6	Number of Students Failed	2	
7	Passing Percentage	95.8%	

III Year / V Semester - (2021-2025)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	39	
2	Number of All Clear Students	38	
3	Number of Students passed with Distinction	10	
4	Number of Students passed with First Class	27	
5	Number of Students passed with Second Class	2	
6	Number of Students Failed	1	
7	Passing Percentage	97.4%	

II Year / III Semester - (2022-2026)

Sr.No	Particular	B.Tech	M. Tech
1	Number of Students appeared	55	
2	Number of All Clear Students	46	
3	Number of Students passed with Distinction	13	
4	Number of Students passed with First Class	37	
5	Number of Students passed with Second Class	5	
6	Number of Students Failed	9	
7	Passing Percentage	83.6%	

I Year / I Semester - (2022-2024)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	46	
2	Number of All Clear Students	31	
3	Number of Students passed with Distinction	8	
4	Number of Students passed with First Class	25	
5	Number of Students passed with Second Class	13	
6	Number of Students Failed	15	
7	Passing Percentage	67.3%	

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	188	
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	40	
3	Student Exit Survey conducted and Analysed	Yes	35	
4	Alumni Feedback conducted and Analysed	Yes	35	

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	-	-	-	-	-

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
1	-	-	-	-	-

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 Factor
1	2020-21	2	2	1		
2	2021-22	-	-	-		
3	2022-23	11	-	-		
4	2023-24	1	1	-		

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	5
Number of Books / Book Chapters	-
Number of Patent (Filed)	-
Number of Patents Granted	-

National Journal

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

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/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
1	-	-	-	-	-	-

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	Non invasive Phototherapy Device Using LED for Psoriasis, Eczema and Wound Healing	Dr.A.Vijayalakshmi	International Conference on Communication System	ICOCS 23		
2	Smart IoT Based Water Monitoring and Control System	Dr.A.Vijayalakshmi	International Conference on System, Computation, Automation and Networking	ICSCAN 24		
3	Life-Saving Wearable Device to Predict Myocardial Infarction	Dr.A.Vijayalakshmi	International Conference on Advancement in Management and Engineering Research	ICREAM ER' 24		
4	Early Detection and Smart Pain Relief Device for Varicose Vein using IoT	Mrs.N.Radha	International Conference on Advancement in Management and Engineering Research	ICREAM ER' 24		
5	Wearable device for epilepsy	Mrs.N.Radha	International Conference on Advancement in Management and Engineering Research	ICREAM ER' 24		
6	Wearable Body Posture Detection System with Physiological Response Monitoring Using IoT	Mr.M.Vadivelan	International Conference on Advancement in Management and Engineering Research	ICREAM ER' 24	-	-

Books / Book Chapters

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

Patent

S. No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	-	-	-	-	-	-

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	GIRIDHARAN S	AICTE	12 Weeks	May 2023	July 2023
2	GIRIDHARAN S	AICTE	12 Weeks	Sep 2023	Nov 2023
3	GAYATHRI ALIAS KARTHIKHA SREE C	AICTE	12 Weeks	Sep 2023	Nov 2023
4	GOVARTHINI S	AICTE	12 Weeks	Sep 2023	Nov 2023
5	KISHORKUMAR R	AICTE	12 Weeks	Sep 2023	Nov 2023

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	BCS Health Care Private Limited & UNIBIOSYS Biotech Research Labs, Kerala	16.06.2023 & 17.06.2023	39	30
2	Prashanann Medical Technologies & Mechann Innovations, Coimbatore	09.06.2023 & 10.06.2023	55	45

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	ATHEENAPANDIAN PRIVATE LIMITED, Biomedical Industry, Tenkasi -627802	21.11.2022	Internship, Faculty Development Programmes, Seminars, Workshops, Guest Lectures	10 Years

2	SULOSHAN HEALTHCARE PRIVATE LIMITED, Biomedical Industry, Tiruchirappalli.	08.01.2023	Faculty Development Programmes, Industrial Visit, Seminars, Workshops, Guest Lectures	10 Years
3	SCTIMST-TIMED Biomedical Technology Wing, SCTIMST, Poojapura, Thiruvananthapuram, Kerala-695012	01.02.2024	IPR, Faculty Development Programmes, Industrial Visit, Webinars, Workshops, Guest Lectures	10 Years

SECTION – VII: STUDENT PROGRESSION

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

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	ANANDAJOTHY S	ZifoRnD Solutions	4.76 Lakhs
2	KRISHNAA S	ZifoRnD Solutions	4.76 Lakhs
3	NANDIKA G	ZifoRnD Solutions	4.76 Lakhs
4	GOPIKA T P	HealthwatchTelediagnosicsPvt Ltd	3.22 Lakhs
5	HEMACHANDRAN @ HIGHYA GREEVA SIVAA	HealthwatchTelediagnosicsPvt Ltd	3.22 Lakhs
6	MALATHI K	HealthwatchTelediagnosicsPvt Ltd	3.22 Lakhs
7	MAHALAKSHMI S	HealthwatchTelediagnosicsPvt Ltd	3.22 Lakhs
8	MADHUSNEGHA S	HealthwatchTelediagnosicsPvt Ltd	3.22 Lakhs
9	MARIE JENIFER R	HealthwatchTelediagnosicsPvt Ltd	3.22 Lakhs
10	NEVEDHAA P	HealthwatchTelediagnosicsPvt Ltd	3.22 Lakhs
11	RAMANUJAM K	HealthwatchTelediagnosicsPvt Ltd	3.22 Lakhs
12	SANJAIKUMAR S	HealthwatchTelediagnosicsPvt Ltd	3.22 Lakhs
13	SANTHOSH S	HealthwatchTelediagnosicsPvt Ltd	3.22 Lakhs
14	SOORYA K	HealthwatchTelediagnosicsPvt Ltd	3.22 Lakhs
15	VIJAYALAKSHMI B	HealthwatchTelediagnosicsPvt Ltd	3.22 Lakhs

19	MADHUSNEGHA S	TCS	3.36 Lakhs
20	MUKESH S	TCS	3.36 Lakhs
21	SAATHVIKA R	TCS	3.36 Lakhs
22	SARANYA S	TCS	3.36 Lakhs
23	STEVE RICH	TCS	3.36 Lakhs

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	-	-	-

7.3 Entrepreneur

S.No	Name of the Student	Name of the Company	Nature of Company	Location / Address
1	-	-	-	-

SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT

8.1 Technical Event / Workshop for Student

S.No	Name of the Event / Workshop	Organized under (Department / Student Association/ Profession Chapter / Student Club)	Date of Event	Level (State / National / International)	No. of Participants
1	Awareness on Critical Care Unit	Biomedical engineering society of India	28.06.2023	National	87
2	Introduction to Intellectual Property and Patent Filing Procedure	IEEE Student branch	28.07.2023	National	142
3	Medical Robotics	Biomedical engineering society of India	21.07.2023	National	103
4	Medical Coding	Biomedical engineering society of India	07.09.2023	National	39
5	Research – quality on Physiological Signals	IEI Student Chapter	19.10.2023	National	48
6	Medical Equipment Troubleshooting and Service	Biomedical engineering society of India	19.11.2023	National	142
7	Neurorehabilitation and Stroke Management	Biomedical engineering society of India	20.11.2023	National	55
8	Nano Biosensors and its Application	Biomedical engineering society of India	20.11.2023	International	87

9	Industry Expectations and Job Opportunities for Biomedical Engineers	Biomedical engineering society of India	25.11.2023	National	188
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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	Awareness on Critical Care Unit	Biomedical engineering society of India	28.06.2023	National	6
2	Introduction to Intellectual Property and Patent Filing Procedure	IEEE Student branch	28.07.2023	National	5
3	Medical Robotics	Biomedical engineering society of India	21.07.2023	National	7
4	Medical Coding	Biomedical engineering society of India	07.09.2023.	National	6
5	Research – quality on Physiological Signals	IEI Student Chapter	19.10.2023.	National	4
6	Medical Equipment Troubleshooting and Service	Biomedical engineering society of India	19.11.2023	National	6
7	Neurorehabilitation and Stroke Management	Biomedical engineering society of India	20.11.2023	National	7
8	Nano Biosensors and its Application	Biomedical engineering society of India	20.11.2023	International	4
9	Industry Expectations and Job Opportunities for Biomedical Engineers	Biomedical engineering society of India	25.11.2023	National	8

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	S.Adhithyamoorthy	National Mathematics Day	Maths Department, SMVEC	3rd Prize
2	LGayathri	National Mathematics Day	Maths Department, SMVEC	1st Prize
3	Florida Alan.A& Kamali.T	World Engineers Day	IEI Students Chapter	3rd Prize
4	S.Santhosh, C.Steve Rich & V.Jegajeevan	National Science Day Celebration- SCIMIT'24	Manakula Vinayagar Institute of Technology	3rd Prize
5	M.MedwinDevakumar&S.Tam izharasan	National Level Technical Symposium	Manakula Vinayagar Institute of Technology	2nd prize
6	S.Tamizharasan& Team	INTER ICON 23	Pondicherry Technological University	3rd Prize
7	S.Sujitha	Inter College Tournament 2023	Pondicherry Technological University	2nd prize
8	V.Abirami&S.Sujitha	Inter College Tournament 2023	Election Premier League at Eagle Turf Cricket Club	2nd prize
9	P Nevedha ,S Krishna, K Soorya National Zonal	National Zonal Championship 2024	Make intent at IIT Delhi.	Appreciation Award

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
1	Dr.A.Vijayalakshmi	DC Member

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	-	-

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	Modern Medical Instrumentation	SRM Institute of Science and Technology	4.12.23 to 8.12.23
		Sensors and Measurements	Alpha College of Engineering	3.8.23 to 5.8.23
2	Mr.P.M.Bharath	Modern Medical Instrumentation	SRM Institute of Science and Technology	4.12.23 to 8.12.23
		Sensors and Measurements	Alpha College of Engineering	3.8.23 to 5.8.23
		Recent Trends and Technologies in Microwave Devices Design & its Research Scopes	Rajalakshmi Institute of Technology	03.10.23 to 14.10.23
3	Mrs.N.Radha	Inculcating Universal Human Values in Technical Education	AICTE	12.06.23 to 12.06.23
		Empowering Innovators	Panimalar Engineering College	24.07.23 to 29.07.23
		VLSI To System Design: Silicon End Application Approach	AICTE ARM Education's St Microelectronics	31.7.23 to 4.8.23
		Cloud Infrastructure	Brainovision Solutions India	21.8.23 to 25.8.23
		Sensors and Measurements	Alpha College of Engineering	3.8.23 to 5.8.23
		Unleashing The Potential of Intellectual Property	Panimalar Engineering College	24.7.23 to 29.7.23
		Modern Medical Instrumentation	SRM Institute of Science and Technology	4.12.23 to 8.12.23
		Emerging Paradigms in Biomedical Health care Applications	SATHYABAMA Institute Science and Technology	18.12.23 to 23.12.23
4	Mrs.S.Suguna	Modern Medical Instrumentation	SRM Institute of Science and Technology	4.12.23 to 8.12.23
		Sensors and Measurements	Alpha College of Engineering	3.8.23 to 5.8.23
		Neurorehabilitation and Stroke Management	Karpagam Academy of Higher Education	20.11.23 to 25.11.23
5	MrsT.Logasundari	Modern Medical Instrumentation	SRMInstituteof Science and Technology	4.12.23 to 8.12.23
		Mathematics in Real, Applied and Computational Domain	Sathyabama Institute of Science and Technology	3.7.23 to 8.7.23
6	Mr.A.Aravind	Modern Medical Instrumentation	SRM Institute of Science and Technology	4.12.23 to 8.12.23

		Recent Trends and Technologies in Microwave Devices Design & its Research Scopes	Rajalakshmi Institute of Technology	03.10.23 to 14.10.23
7	Mr.M.Vadivelan ✓	Modern Medical Instrumentation	SRM Institute of Science and Technology	4.12.23 to 8.12.23
8	Mr.A.V.Srinath ✓	Modern Medical Instrumentation	SRM Institute of Science and Technology	4.12.23 to 8.12.23
9	Mr.K.Babu ✓	Modern Medical Instrumentation	SRM Institute of Science and Technology	4.12.23 to 8.12.23

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.A.Vijayalakshmi

Recommendations:

Section	Remarks
Curricular Aspects	-
Teaching, Learning and Evaluation	-
Structured Feedback	-
Research, Innovation and Publications	Efforts to be taken in Research and Development to publish papers in reputed journals and to apply for patent.
Collaborations and Linkages	Need more focus in industry oriented projects
Student Progression	-
Activity Conducted / Organized by the Department	-
Achievements	-
General Remarks	-

Signature of the Internal Academic Audit Experts


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


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



**SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE**

An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107



INTERNAL QUALITY ASSURANCE CELL

ACADEMIC AND ADMINISTRATIVE AUDIT

**DEPARTMENT OF
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**



ACADEMIC AND ADMINISTRATIVE AUDIT

(ACADEMIC YEAR 2023 - 2024)

INTERNAL AUDIT

SECTION -1 : BASIC INFORMATION

Audit Date	9.4.2024				
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)		120		
	M.Tech(Artificial Intelligence and Data Science)		30		
Head of the Department	Dr. J.MADHUSUDANAN				
Number of full time Teachers	Professor	1			
	Associate Professor	2			
	Assistant Professor	29			
Number of Technical Staff	1				
Number of Students	For B.Tech		For M.Tech		
	Year	Strength		Year	Strength
	First Year	120		First Year	07
	Second Year	120		Second Year	-
	Third Year	112		Total	07
	Fourth Year	56			
	Total	408			
Faculty Student Ratio	1:13				

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
Internal Members				
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	56
2.	III / V	Java Programming	U20ADE507	112

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	56
2.	III/V	IT	Mobile App Development	U20ITO504	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	SDC 4: Career and Professional Skill Development Program-	U20ADS504	112
2.	III/V	SDC 5: Presentation Skills using ICT	U20ADS505	112
3.	II/III	SDC 2*: Aptitude - II	U20ADS302	120

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	120
2.	II/III	Java Programming - III	U20ADC360	120
3.	III / V	Internet of Things	U20ADC556	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	U20ADM707	56
2.	III / V	Indian Constitution	U20ADM505	112
3.	II/III	Physical Education	U20ADM303	120
4.	I/I	Induction Programme	U23ADM101	120

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
ODD SEM - UG					
I YEAR / I SEM					
1.	Engineering Mathematics - I	Ms.M. Guna	60	60	60

	U23MATCO1				
2.	Basics of Electrical and Electronics Engineering U23ESTCO3	Mrs. P.Srividhya/ Ms. K. Archana	45	45	50
3.	Programming In C U23CSTCO1	Mrs. A.Ilakkia/ Mrs. P. Kanchanadevi	45	45	53
4.	Digital System Design U23ADT101	Dr.K.Naveen Kumar/ Dr. M. Rekha	45	45	64
5.	Fundamental of Data Science U23ADTI02	Mrs. Geetha Lakshmi/ Mrs.S. Lakshmipriya	45	45	45
6.	Communicative English-I U23ENBCO1	Dr. K. S.Kanmani	30	30	33
7.	Programming in C Laboratory U23CSPCO1	Mrs. A.Ilakkia/ Mrs. P. Kanchanadevi	30	30	30
8.	Engineering Graphics using AutoCAD U23ESPCO3	Mr. P. Sathiaprathap	30	30	30
9.	Fundamental of Data Science Laboratory U23ADP101	Mrs. Geetha Lakshmi/ Mrs.S. Lakshmipriya	30	30	30
II YEAR / III SEM					
1.	Probability and Statistics for Data Science U20BST337	Mr.R.Vijayakumar	60	60	61
2.	Software Engineering and Agile Software Development U20EST363	Dr.S.S.Boomiga / Mrs.Maragadhavalli	45	45	47
3.	Operating System Internals U20EST364	Mr.K.Muthukumaran / Ms.V.Shivaeeshari	45	45	46
4.	Algorithm Design and Analysis U20EST365	Mrs.M.Kalaivani / Ms.T.Geethalakshmi	45	45	45
5.	Fundamentals of Artificial Intelligence U20ADT303	Mr.G.Kaliyaperumal / Mr.K.Pragash	45	45	46
6.	Basic Machine Learning Techniques U20ADT304	Ms.S.Aishwarya / Mrs.Lakshmipriya	45	45	45
7.	Statistical Laboratory U20BSP326	Ms. V.Shivaeeshwary	30	30	30
8.	Algorithm Design and Analysis Laboratory U20ESP366	Mrs.M.Kalaivani / Ms.S.Aishwarya	30	30	30
9.	Artificial Intelligence Laboratory U20ADP303	Ms.Abarna / Ms.Shahanaz	30	30	30
10.	Basic Machine Learning Techniques Laboratory U20ADP304	Ms.S.Aishwarya / Mrs.Lakshmipriya	30	30	30
III YEAR / V SEM					
1.	Operational Research U20BST551	Mr. R. VijayaKumar	60	60	60

2.	Deep Learning U20ADT508	Dr. M. Auxilia	45	45	54
3.	Image Processing and Computer Vision U20ADT509	Mr. R. Rajan	45	45	54
4.	Big Data Tools and Techniques U20ADT510	Mrs.P.Kanchanadevi/ Mr.K.Muthukumaran	45	45	53
5.	Professional Elective - II (Programming in Java) U20ADE507	Ms. V. Abarna	45	45	53
6.	Open Elective – II (Mobile App Development) U20ITO504	Ms.Durgadevi	45	45	45
7.	Deep Learning Laboratory U20ADP508	Dr. M. Auxilia	30	30	30
8.	Image Processing and Computer Vision Laboratory U20ADP509	Mr. R. Rajan	30	30	30
9.	Big Data Tools and Techniques Laboratory U20ADP510	Mrs.P.Kanchanadevi/ Mr.K.Muthukumaran	30	30	30
IV YEAR/VII SEM					
1.	Robotic and Automation U20ADT715	Mr.K.Pragash	45	45	45
2.	IoT Systems and Analytics U20ADT716	Dr. M. Auxilia	45	45	54
3.	AI Ethics U20ADE717	Dr.J.Madhusudanan	45	45	52
4.	Automation Techniques & Tools- DevOps U20ITO705	Ms.Madhumitha	45	45	54
5.	Business Basics for Entrepreneur U20HSP703	Mr.A.Madhiadhagan	30	30	30
6.	IoT Systems and Analytics Laboratory U20ADP714	Dr. M. Auxilia	30	30	30
7.	Robotic and Automation Laboratory U20ADP715	Mr.K.Pragash	30	30	30
8.	Project Phase – I U20ADW701	Dr.J.Madhusudanan	30	30	30
ODD SEM - PG					
I YEAR / I SEM					
1.	Probability and Statistics	Dr.T.Gayatri	60	60	60
2.	Machine Learning Algorithms	Ms.S.Aishwarya	45	45	45
3.	Computing Systems for Data Science	Mrs.A.Ilakkia	45	45	45
4.	Artificial Intelligence and Intelligent Systems	Dr.M.Auxilla	45	45	45
5.	Research Methodology and IPR	Dr.S.S.Boomiga	30	30	30
6.	Professional Elective-I: Python for Data Science	Mrs.M.M.Meenakshi	45	45	45

7.	Machine Learning Algorithms Laboratory	Ms.S.Aishwarya	45	45	45
8.	Technical Report Writing and Seminar	Dr.S.S.Boomiga	45	45	45
9.	Data Structures Laboratory/U23CSPC02	Mrs.M.M.Meenakshi/ Mrs.P.Kanchanadevi	30	30	32
10.	Advanced machine learning techniques laboratory (U20ADP406)	Ms.S.Aishwarya /Mr. R. Rajan	30	30	30

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
I YEAR / I SEM			
1.	Mr.R.Vijayakumar / Mrs .Chitra U	Engineering Mathematics – I Calculus and Linear Algebra	PPT /lecture videos
2.	Dr. Gayathri R / Ms. K.Kavinnelavu	Basic Electrical and Electronics Engineering	PPT /lecture videos/animated videos
3.	Ms. Shivaeshwary V / Mr.K.Muthukumaran	Digital System Design	PPT /lecture videos/animated videos
4.	Mr.K.Pragash / Dr. Boomiga S S	Computer Programming – I (Programming In C)	PPT /lecture videos/animated videos
5.	Mrs.Geethalakshmi T / Mrs.Maragadhavalli	Fundamental of Data Science	PPT /lecture videos/animated videos
II YEAR / III SEM			
1.	Mr.R.Vijayakumar	Probability and Statistics for Data Science	PPT /lecture videos
2.	Dr.S.S.Boomiga / Mrs.Maragadhavalli	Software Engineering and Agile Software Development	PPT /lecture videos/animated videos
3.	Mr.K.Muthukumaran / Ms.V.Shivaeshari	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.	Ms.S.Aishwarya / Mrs.Lakshmipriya	Basic Machine Learning Techniques	PPT /lecture videos/animated videos
III YEAR / V SEM			
1.	Mr. R. VijayaKumar	Operational Research	PPT /lecture videos
2.	Dr. M. Auxilia	Deep Learning	PPT /lecture videos/animated videos
3.	Mr. R. Rajan	Image Processing and Computer Vision	PPT /lecture videos/animated videos

4.	Ms. P .Kanchanadevi	Big Data Tools and Techniques	PPT /lecture videos/animated videos
5.	Ms. V. Abarna	Professional Elective - II (Programming in Java)	PPT /lecture videos/animated videos
6.	Mrs.P.Thulasi	Open Elective – II (Platform Technology)	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 Audience
NIL				

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)
I YEAR / I SEM					
1.	Engineering Mathematics – I Calculus and Linear Algebra	Mr.R.Vijayakumar /	Yes	03	Yes
2.	Basic Electrical and Electronics Engineering	Mrs . Chitra U	Yes	03	Yes
3.	Digital System Design	Dr. Gayathri R / Ms. K.Kavinnelavu	Yes	03	Yes
4.	Computer Programming – I (Programming In C)	Ms. Shivaeshwary V / Mr.K.Muthukumaran	Yes	03	Yes
5.	Fundamental of Data Science	Mr.K.Pragash /	Yes	03	Yes
II YEAR / III SEM					
6.	Probability and Statistics for Data Science	Mr.R.Vijayakumar	Yes	03	Yes
7.	Software Engineering and Agile Software Development	Dr.S.S.Boomiga / Mrs.Maragadhavalli	Yes	03	Yes
8.	Operating System Internals	Mr.K.Muthukumaran / Ms.V.Shivaeshari	Yes	03	Yes
9.	Algorithm Design and Analysis	Mrs.M.Kalaivani / Ms.T.Geethalakshmi	Yes	03	Yes

10.	Fundamentals of Artificial Intelligence	Mr.G.Kaliyaperumal / Mr.K.Pragash	Yes	03	Yes
11.	Basic Machine Learning Techniques	Ms.S.Aishwarya / Mrs.Lakshmipriya	Yes	03	Yes
III YEAR / V SEM					
12.	Operational Research	Mr. R. VijayaKumar	Yes	03	Yes
13.	Deep Learning	Dr. M. Auxilia	Yes	03	Yes
14.	Image Processing and Computer Vision	Mr. R. Rajan	Yes	03	Yes
15.	Big Data Tools and Techniques	Dr. J. Madhusudanan	Yes	03	Yes
16.	Professional Elective - II (Programming in Java)	Ms. V. Abarna	Yes	03	Yes
17.	Open Elective – II (Platform Technology)	Mrs.P.Thulasi	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 – 408 & PG - 07	32	1 :15

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	Mention the target: 3 Benchmark: Level 1 --□70% and above of university average pass percentage

			Level 2 --□75% and above of university average pass percentage Level 3 --□80% and above of university average pass percentage Target: Level 3
4	PSO and PO attainment through CO	Yes	-

3.8 Student Performance in End Semester Examination

UG

Semester – I (Batch 2023 – 2027)

Sr. No	Particular	B.Tech A Section	B.Tech B Section	M. Tech
1	Number of Students appeared	60	60	-
2	Number of All Clear Students	44	46	-
3	Number of Students passed with Distinction	14	10	-
4	Number of Students passed with First Class	17	23	-
5	Number of Students passed with Second Class	13	13	-
6	Number of Students Failed	16	13	-
7	Passing Percentage	73.33%	78.3%	-

Semester – III (Batch 2022 – 2026)

Sr. No	Particular	B.Tech A Section	B.Tech B Section	M. Tech
1	Number of Students appeared	62	61	-
2	Number of All Clear Students	55	53	-
3	Number of Students passed with Distinction	41	25	-
4	Number of Students passed with First Class	14	19	-
5	Number of Students passed with Second Class	0	9	-
6	Number of Students Failed	7	8	-
7	Passing Percentage	88.7%	86.89%	-

Semester – V (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	49	53	-
3	Number of Students passed with Distinction	18	26	-
4	Number of Students passed with First Class	22	9	-
5	Number of Students passed with Second Class	9	18	-
6	Number of Students Failed	7	3	-

7	Passing Percentage	87.50%	94.6%	-
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Semester – VII (Batch 2020 – 2024)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	56	-
2	Number of All Clear Students	42	-
3	Number of Students passed with Distinction	12	-
4	Number of Students passed with First Class	25	-
5	Number of Students passed with Second Class	5	-
6	Number of Students Failed	14	-
7	Passing Percentage	75%	-

SECTION – IV : STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected				Remarks (if any)
			Batch(2020 – 2024)	Batch(2021 – 2025)	Batch(2022 – 2026)	Batch(2022 – 2026)	
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	56	112	120	120	-
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	35	85	102	105	-
3	Student Exit Survey conducted and Analysed	-	-	-	-	-	-
4	Alumni Feedback conducted and Analysed	-	-	-	-	-	-

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
1	Dr.J.Madhusudhanan.	Industrial Visit, Seminar, Guest Lecture, & Training	CHEMIN C&I PVT.LTD	Rs. 50,000/-	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 Factos

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	1
Number of Books / Book Chapters	1
Number of Patent (Filed)	-
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
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
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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
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.	Abu Syeed N	Cloud Counselage	12	04-04-2022	Till Date
2.	Jayachandran M D	Cloud Counselage	15	04-04-2022	Till Date
3.	Abhishek Arvind C B	Cloud Counselage	11	01-08-2022	Till Date
4.	Harish E	Cloud Counselage	11	01-08-2022	Till Date
5.	Sheik Ahamed S D	Cloud Counselage	12	01-08-2022	Till Date
6.	Santosh T	Cloud Counselage	12	12-12-2022	Till Date
7.	Abinav S	KOREAI	Current	17-04-2023	Till Date
8.	Aravindh B	KOREAI	Current	17-04-2023	Till Date

9.	Gaanapathy SP	KOREAI	Current	17-04-2023	Till Date
10.	Gokulnath T	KOREAI	Current	17-04-2023	Till Date
11.	Gokulprasath R	KOREAI	Current	17-04-2023	Till Date
12.	Hari Guptha A	KOREAI	Current	17-04-2023	Till Date
13.	Kalaiarasan K	KOREAI	Current	17-04-2023	Till Date
14.	Kirubhashankar S	KOREAI	Current	17-04-2023	Till Date
15.	Lalith Kanth	KOREAI	Current	17-04-2023	Till Date
16.	Ragul S	KOREAI	Current	17-04-2023	Till Date
17.	Sriharish S	KOREAI	Current	17-04-2023	Till Date
18.	Vasan C	KOREAI	Current	17-04-2023	Till Date
19.	Anni sharleena AB	VIRTUSA	2	09-08-2023	Till Date
20.	Gaayathri M	VIRTUSA	2	09-08-2023	Till Date
21.	Harini S	VIRTUSA	2	09-08-2023	Till Date
22.	Santhanabharathi S	VIRTUSA	2	09-08-2023	Till Date
23.	Saranya M	VIRTUSA	2	09-08-2023	Till Date
24.	Rahul Gandhi AM	ZOHO	Current	04-10-2023	Till Date
25.	Valar Oli P	ZOHO	Current	04-10-2023	Till Date
26.	Aiswarya AV	KOREAI	Current	01-11-2023	Till Date
27.	Dharnika B	KOREAI	Current	01-11-2023	Till Date
28.	Gayathri S	KOREAI	Current	01-11-2023	Till Date
29.	Mugilan V	KOREAI	Current	01-11-2023	Till Date

30.	Nivetha V	KOREAI	Current	01-11-2023	Till Date
31.	Varshini S	KOREAI	Current	01-11-2023	Till Date
32.	Chandrakumar K	KOREAI	Current	01-11-2023	Till Date
33.	Feron Arockiam S	KOREAI	Current	01-11-2023	Till Date
34.	Rahul	KOREAI	Current	01-11-2023	Till Date
35.	Santhanabharathi	Daimler India Commerical Vehicles Pvt.LTD	Current	01-02-2024	Till Date
36.	Abusyeed	OSOS Technologies	Current	11-03-2024	Till Date
37.	Karthik	Lentera Technologies	Current	01-03-2024	Till Date
38.	Shreya S	Societe Generale	Current	20-12-2023	Till Date
39.	Aatif Ahamed J	ZOHO	Current	06-02-2024	Till Date
40.	Sivapriyan M	ZOHO	Current	06-02-2024	Till Date
41.	Karthikeyan	ZOHO	Current	06-02-2024	Till Date
42.	Mohammed Feroz A	ZOHO	Current	06-02-2024	Till Date
43.	Santosh T	Guardianlink	4	20-11-2023	23-02-2024
44.	Santhana Gopalan G	Guardianlink	4	20-11-2023	23-02-2024
45.	Harish S	Guardianlink	4	20-11-2023	23-02-2024
46.	Keerthiraj C	Guardianlink	4	20-11-2023	23-02-2024

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.	The Chennai Trade Center, Nandambakkam, Chennai	24/02/24	I (A&B)	100
1.	Spectrum Softtech Solutions Pvt. Ltd. - Kochi, Kerala	30/3/24	II -A	60
2.	Spectrum Softtech Solutions Pvt. Ltd. - Kochi, Kerala	30/3/24	II -B	60
3.	Tech Volt Software PVT Ltd, Coimbatore	30/3/24	III - A	56
4.	Thrive Infotech, Theni	30/3/24	III-B	56

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	CHEMIN C&I PVT.LTD	16.11.2022	Industrial Visit, Seminar, Guest Lecture, & Training	1 YEAR

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	43
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	Jayachandran M D	Kaar Technologies	6.5 LPA
2	Narayanamurthy	Pega Ford Motors	6LPA
3	Rahul Gandhi AM	Zoho Cooperation	5.6 LPA
4	Valar Oli P	Zoho Cooperation	5.6LPA

5	Abinav.S	Kore.ai	5.5LPA
6	Aravindh B	Kore.ai	5.5LPA
7	Gaanapathy SP	Kore.ai	5.5LPA
8	Gokulnath T	Kore.ai	5.5LPA
9	Gokulprasath R	Kore.ai	5.5LPA
10	Hari Guptha A	Kore.ai	5.5LPA
11	Kalaiarasan K	Kore.ai	5.5LPA
12	Kirubhashankar S	Kore.ai	5.5LPA
13	Lalith Kanth	Kore.ai	5.5LPA
14	Sriharish S	Kore.ai	5.5LPA
15	Vasan C	Kore.ai	5.5LPA
16	Ragul S	Kore.ai	5.5LPA
17	Saranya	Accenture	4.5LPA
18	Amita C	Hexaware Technologies	4LPA
19	Harini S	Hexaware Technologies	4LPA
20	Parkkavan I	Hexaware Technologies	4LPA
21	Swetha M	Hexaware Technologies	4LPA
22	Valar Oli P	Hexaware Technologies	4LPA
23	Abusyeed	Hexaware Technologies	4LPA
24	Abhishek Arvind CB	Hexaware Technologies	4LPA
25	Mohamed Tawfig	Mitsogo	4LPA
26	Aiswarya AV	Pega TCS	3.86LPA
27	Karthik M	Pega TCS	3.86LPA
28	Vaithyanathan S	Pega TCS	3.86LPA
29	Anni Sharleena AB	Virtusa	7LPA
30	Gayathri. M	Virtusa	7LPA
31	Santhanabharathi S	Virtusa	7LPA
32	Saranya M	Virtusa	7LPA
33	Harini S	Virtusa	7LPA
34	Mohanaprasanth S	TCS-Ninja	3.37LPA
35	Harini S	TCS-Ninja	3.37LPA
36	Raagavarshini B	TCS-Ninja	3.37LPA
37	Adithya A	TCS-Ninja	3.37LPA
38	Madhavan S	TCS-Ninja	3.37LPA
39	Vasan C	TCS-Ninja	3.37LPA
40	Gokulprasath R	TCS-Digital	7LPA
41	Valar Oli P	TCS-Digital	7LPA
42	Ragul Gandhi AM	TCS-Digital	7LPA
43	Anni Sharleena AB	TCS-Digital	7LPA
44	Nivetha V	Kore.ai	5.5LPA
45	Dharnika B	Kore.ai	5.5LPA
46	Gayathri S	Kore.ai	5.5LPA
47	Varshini S	Kore.ai	5.5LPA
48	Mugilan V	Kore.ai	5.5LPA
49	Aiswarya AV	Kore.ai	5.5LPA
50	Bhavin dhanaraj V	Infiniti	4LPA
51	Shreya S	Societe general	5.4LPA

51.1 Higher Studies

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

51.2 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.	The Guest Lecture on Machine Learning Using Python	AI&DS Dept	26-08-2023	State	54
2.	The Guest Lecture on Artificial Intelligence	AI&DS Dept	26-08-2023	State	54
3.	The Guest Lecture on Tableau	AI&DS Dept	09-09-2023	State	54
4.	The Guest Lecture on Introduction on Kotlin	AI&DS Dept	09-09-2023	State	108

5.	The Guest Lecture on Autonomous Robotics	AI&DS Dept	15-09-2023	State	54
6.	The Guest Lecture on Data Analytics in Process Industries and Quality	AI&DS Dept	15-09-2023	State	54
7.	The Guest Lecture on Introduction to Cloud	AI&DS Dept	29-09-2023	State	60
8.	The Guest Lecture on Flutter	AI&DS Dept	29-09-2023	State	35
9.	The Guest Lecture on ReactJS	AI&DS Dept	07-10-2023	State	35
10.	The Guest Lecture on NodeJS	AI&DS Dept	07-10-2023	State	35
11.	The Guest Introduction to Programming	AI&DS Dept	21-10-2023	State	60
12.	The Guest Lecture on Angular	AI&DS Dept	21-10-2023	State	35

13.	The Guest Lecture on UI/UX	AI&DS Dept	28-10-2023	State	35
14.	The Guest Lecture on Big Data	AI&DS Dept	10-11-2023	State	54
15.	The Guest Lecture on Machine Learning	AI&DS Dept	10-11-2023	State	35
16.	The Guest Lecture on Computer Vision and Robotics	AI&DS Dept	23-11-2023	State	35
17.	The Guest Lecture on Impact on Latest Technological Trends	AI&DS Dept	23-11-2023	State	60
18..	The Guest Lecture on Deep Learning	AI&DS Dept	23-11-2023	State	35
19.	The Guest Lecture on Natural Language Processing	AI&DS Dept	25-11-2023	State	35

20.	The Guest Lecture on Computational Applications in Computer Science	AI&DS Dept	25-11-2023	State	35
21.	Seminar on Bias and fairness in Machine learning	AI&DS Dept	23-09-2023	State	56
22.	Seminar on Cross Validation Techniques	AI&DS Dept	07-10-2023	State	56
23.	Seminar on Interpretability and explainability of models	AI&DS Dept	21-10-2023	State	56
24.	Seminar on Ensemble learning methods	AI&DS Dept	04-11-2023	State	56

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	Preetha A Thalirnila S Dharanya S Santhini Selvam	National Level Intelligent Innovators I2H 2.0 Hackathon	Sri Eshwar College of Engineering	Won second place
2	Deepak P Leka Shree E Yogita Devi V	prestigious competition	InDrive– HackerEarth	Won 3rd prize and awarded a cash prize of 70,000
3	Rahul G Feroz Feron	Plastic free River AI Hackathon	Reva University and kyndryl	second prize with cash reward of 100,000 INR
4	Deepak P Chandra Kumar K Sathish V Pranav R	The Blackstone Shipping Hackathon	Blackstone Shipping's	First place with cash prize of 15000
5	Harshinee A Akshitta R Shanthini I Sharan Arvind B	Project Expo	Saveetha Engineering College	Won second place
6	P.Sakthimalai S.Velan T.Vaitheeshvar S.Naresh	IXplorer-celesta 2023	IIT Patna	won third place and has won the cash prize of 3000 INR
7	Subashini M Hirutik R	24 hour online Hackathon (Hacktober Fest)	HACKTOBER	Second place in HackNight

	N teeswaran Ravianand armiya			
	Feron Arockiam S Mohammed Feroz A Preetha A Thalirnila S	Intel and Awiros	App-a-Thon 2.0	FIRST PRIZE of 2 lakhs for their outstanding achievement
9	Rohit S.K	Talkathon contest	ICT Academy	First Place
10	Jayachandran M D	Hackathon	Cloud Counselage Pvt Ltd	First Place and internship was offered to the winners
11	Santhanabharathi S Harini S Saranya M Anni Sharleena A.B And Gaayathri M	Virtusa Jatayu Season III contest 2023	Virtusa	cash prize of 80,000 and receiving 5 Internship offers

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

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

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

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

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

S.No	Name of the Faculty	Name of Awards / Recognition
NIL		

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

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	Mrs.P.Kanchanadevi	Faculty Development Program on Building Advanced Data Analytics Application with Cloud	Next Gen Employability Program	5
2.	Mrs.A.Ilakkia	Faculty Development Program on Building Advanced Data Analytics Application with Cloud	Next Gen Employability Program	5
3.	Mrs.M.M.Meenakshi	Faculty Development Program on Deep Learning	AICTE/NPT EL	12 Weeks
4.	Mr.R.Rajan	Faculty Development Program on Python for Data Science	AICTE/NPT EL	4 Weeks
5.	Mrs.M.M.Meenakshi	2 nd International Conference on Recent Advances in Computing Science	Lovely Professional University,P unjab	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



Recommendations:

Section	Remarks
Curricular Aspects	All necessary documents relevant to curricular aspects are in place.
Teaching, Learning and Evaluation	<ul style="list-style-type: none">♦ The department is conducting activities for Advanced Learners and Slow Learners, sample evidence copy may be kept in the department♦ Mentoring records should be kept properly.♦ CO-PO attainment needs to be prepared for all courses
Structured Feedback	Feedback from the stakeholders are available. Student Exit survey and Alumni survey is not applicable since the first batch is in final year only.
Research, Innovation and Publications	All records relevant to research, innovation and publication are available. Number of publications/ patents may be improved
Collaborations and Linkages	Documents for collaboration and linkages are in place. Supporting documents for collaborative activities are available. Students have gone for industrial visits to relevant companies. More MoUs can be added.
Student Progression	Placement details of the students are available. Higher studies details are not applicable this year.
Activities Conducted Organized by the Department	Activities reports need elaboration with relevant supporting documents.
Achievements	The evidences of student achievements were exhibited by the department.
General Remarks	The department is performing well. File maintenance needs improvement.

Signature of the Internal Academic Audit Experts

Dr. R. Jayabarathi
Associate Professor

Department of Mechanical Engineering,
SMVEC

Dr. K. Lakshmi,
Professor,

Department of Information Technology,
SMVEC



UNIVERSITY OF THE WEST INDIES

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Director of Studies
Faculty of Education
University of the West Indies
St. Augustine, Trinidad

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Director of Studies
Faculty of Education
University of the West Indies
St. Augustine, Trinidad



**SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE**

An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107



INTERNAL QUALITY ASSURANCE CELL

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS



ACADEMIC AND ADMINISTRATIVE AUDIT

Academic Year 2023-2024 (Odd Sem)

Internal Audit

SECTION -1: BASIC INFORMATION

Audit Date	09.04.2024			
Name of the Department	Computer Science and Business Systems			
Year of Establishment	2020			
Programs Offered	Name of the Program	Approved Intake		
	B.Tech. CSBS	60		
Head of the Department	Dr. N. Danapaquiame			
Number of full time Teachers	Professor	01		
	Associate Professor	00		
	Assistant Professor	17		
Number of Technical Staff	-			
Number of Students	For B.Tech:		For M.Tech	
	Year	Strength	Year	Strength
	First Year	59	First Year	-
	Second Year	57	Second Year	-
	Third Year	53	Total	-
	Fourth Year	53		
	Total	222		
Faculty Student Ratio	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. Danapaquiame	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	Course Code	Number of Students Registered
1	IV/VII	Introduction to IoT	U20CBE712	53
2	IV/VII	Virtual Reality	U20CSCM04	53
3	IV/VII	Virtual Reality Laboratory	U20CBEP75	53
4	III/V	Business Process	U20CBE505	53
5	III/V	Business Process Laboratory	U20CBEP55	53

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	U20CBS302	57
2	III/V	Skill Development Course 4: Career and Professional Skill Development Program	U20CBS504	53

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	59
2	II/III	Java Programming	U20CBC360	57
3	III/V	CCNA (Routing and Switching)	U20CBC526	53

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	59
2	II/III	Physical Education	U20CBM303	57
3	III/V	Indian Constitution	U20CBM505	53
4	IV/VII	Professional Ethics	U20CBM707	53

SECTION -3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: I (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
Theory					
1	Discrete Mathematics / U23MAT101	Mrs. S. P. Lavanya	45	45	54
2	Introductory Topics in Statistics and Probability /U23MAT102	Mr. M. Devanathan	60	60	61
3	Physical science for Engineers /U23BSTC01	Mrs. R. Geetha	23	23	33
		Dr. Parameshwari	24	24	28
4	Fundamentals of Computer Science/U23CBT101	Mr. T. Karthikeyan	45	45	48
5	Universal Human Values-II/U23HSTC01	Mrs. K. Devika	30	30	30
Theory cum Practical					
6	Business Communication & Value Science – I / U23ENB101	Mr. A. Antoine Prasad	30	30	32
Practical					
7	Fundamentals of Computer Science Laboratory /U23CBP101	Mr. T. Karthikeyan	30	30	30
8	Design Thinking and IDEA Lab /U23ESPC02	Dr. S. Ganesh Kumaran	30	30	26
9	Engineering Graphics using AutoCAD / U23ESPC03	Mr. M. Santosh Kumar	30	30	24

Semester: III (2022-2026)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
Theory					
1	Computational Statistics / U20BST328	Dr. T. Poovaragavan	45	45	45
2	Formal Language and Automata Theory / U20CBT302	Mrs. M. Viji	45	45	51
3	Computer Organization & Architecture & U20CBT303	Mrs. K. Devika	45	45	45
4	Object Oriented Programming & U20CBT304	Mrs. V. Sivasankari	45	45	45
5	Database Management Systems & U20CBT305	Mr. T. Karthikeyan	45	45	52
Practical					

6	Computational Statistics Laboratory & U20BSP329	Dr. T. Poovaragavan	30	30	30
7	Object Oriented Programming Laboratory & U20CBP302	Mrs. V. Sivasankari	30	30	51
8	Database Management Systems Laboratory & U20CBP303	Mr. T. Karthikeyan	30	30	50

Semester: V (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
Theory					
1	Fundamentals of Management /U20HST507	Mr. T. Chandramohan	30	30	38
2	Business Strategy / U20HST508	Dr. A. Vinoth	45	45	50
3	Design Thinking	Ms. C. Jenithamary	45	45	45
4	Software Design with UML / U20CBT509	Mrs. K. Devika	45	46	46
5	Compiler Design	Dr. N. Danapaquiame	45	45	45
6	Business Process / U20CBE505	Mrs. S. Deepa	45	45	49
Practical					
7	Software Design with UML Laboratory / U20CBP507	Mrs. K. Devika	30	30	33
8	Compiler Design Laboratory / U20CBP508	Dr. N. Danapaquiame	30	30	30
9	Mini Project / U20CBP509	Mr. P. Ezhumalai	30	30	36
10	Business Process Laboratory / U20CBE505	Mrs. S. Deepa	30	30	38

Semester: VII (2020-2024)

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
Theory					
1	Financial Management / U20HST712	Mrs. R. Sureka	30	30	34
2	Human Resource Management / U20HST713	Mrs. G. Ramya	30	30	32
3	Usability Design of Software Applications / U20CBT714	Mrs. V. Sivasankari	30	30	36
4	IT Workshop Scilab / Matlab / U20CBT715	Ms. C. Jenithamary	30	30	36
5	Introduction to IoT / U20CBE712	Mrs. M. Viji	45	45	45
6	Virtual Reality	Mrs. M. Viji	45	45	47
Practical					

7	Usability Design of Software Applications Laboratory / U20CBP713	Mrs. V. Sivasankari	30	30	24
8	IT Workshop Scilab / Matlab Laboratory / U20CBP714	Ms. C. Jenithamary	30	30	15
9	Virtual Reality Laboratory / U20CBEP75	Mrs. M. Viji	30	30	24

3.2 Use of ICT Tools in Teaching Learning

Semester: I (2023-2027)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs. S. P. Lavanya	Discrete Mathematics / U23MAT101	PPT
2	Mr. M. Devanathan	Introductory Topics in Statistics and Probability /U23MAT102	PPT
3	Mrs. R. Geetha & Dr. E. Sarojpurani	Physical science for Engineers /U23BSTC01	PPT
4	Mr. T. Karthikeyan	Fundamentals of Computer Science/U23CBT101	PPT
5	Mrs. K. Devika	Universal Human Values-II/U23HSTC01	PPT
6	Mr. A. Antoine Prasad	Business Communication & Value Science – I / U23ENB101	PPT
7	Mr. T. Karthikeyan	Fundamentals of Computer Science Laboratory /U23CBP101	PPT
8	Dr. S. Ganesh Kumaran	Design Thinking and IDEA Lab /U23ESPC02	PPT
9	Mr. M. Santosh Kumar	Engineering Graphics using AutoCAD / U23ESPC03	PPT

Semester: III (2022-2026)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr. T. Poovaragavan	Computational Statistics / U20BST328	PPT
2	Mrs. M. Viji	Formal Language and Automata Theory / U20CBT302	PPT
3	Mrs. K. Devika	Computer Organization & Architecture / U20CBT303	PPT
4	Mrs. V. Sivasankari	Object Oriented Programming / U20CBT304	PPT
5	Mr. T. Karthikeyan	Database Management Systems / U20CBT305	PPT
6	Dr. T. Poovaragavan	Computational Statistics Laboratory / U20BSP329	PPT
7	Mrs. V. Sivasankari	Object Oriented Programming Laboratory / U20CBP302	PPT
8	Mr. T. Karthikeyan	Database Management Systems Laboratory / U20CBP303	PPT

Semester: V (2021-2025)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr. T. Chandramohan	Fundamentals of Management /U20HST507	PPT
2	Dr. A. Vinoth	Business Strategy / U20HST508	PPT
3	Ms. C. Jenithamary	Design Thinking	PPT

4	Mrs. K. Devika	Software Design with UML / U20CBT509	PPT
5	Dr. N. Danapaquiame	Compiler Design /	PPT
6	Mrs. S. Deepa	Business Process / U20CBE505	PPT
7	Mrs. K. Devika	Software Design with UML Laboratory / U20CBP507	PPT
8	Dr. N. Danapaquiame	Compiler Design Laboratory / U20CBP508	PPT
9	Mr. P. Ezhumalai	Mini Project / U20CBP509	PPT
10	Mrs. S. Deepa	Business Process Laboratory / U20CBE505	PPT

Semester: VII (2020-2024)

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mrs. R. Sureka	Financial Management / U20HST712	PPT
2	Mrs. G. Ramya	Human Resource Management / U20HST713	PPT
3	Mrs. V. Sivasankari	Usability Design of Software Applications / U20CBT714	PPT
4	Ms. C. Jenithamary	IT Workshop Scilab / Matlab / U20CBT715	PPT
5	Mrs. M. Viji	Introduction to IoT / U20CBE712	PPT
6	Mrs. M. Viji	Virtual Reality / U20CSCM04	PPT
7	Mrs. V. Sivasankari	Usability Design of Software Applications Laboratory / U20CBP713	PPT
8	Ms. C. Jenithamary	IT Workshop Scilab / Matlab Laboratory / U20CBP714	PPT
9	Mrs. M. Viji	Virtual Reality Laboratory / U20CBEP75	PPT

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Development of Supervised Learning	Mr. Gnanasekar Mohanraj, Quality Controller, Puspa Springs.	07.10.2023	3 rd Year (53) & 4 th Year (53)

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	Mrs. S. P. Lavanya	Yes	7	Yes
2	Introductory Topics in Statistics and Probability / U23MAT102	Mr. M. Devanathan	Yes	7	Yes
3	Physical science for Engineers / U23BSTC01	Mrs. R. Geetha & Dr. E. Sarojpurani	Yes	7	Yes
4	Fundamentals of Computer Science / U23CBT101	Mr. T. Karthikeyan	Yes	7	Yes

5	Universal Human Values-II/U23HSTC01	Mrs. K. Devika	Yes	7	Yes
6	Business Communication & Value Science – I / U23ENB101	Mr. A. Antoine Prasad	Yes	7	Yes
7	Computational Statistics / U20BST328	Dr. T. Poovaragavan	Yes	7	Yes
8	Formal Language and Automata Theory / U20CBT302	Mrs. M. Viji	Yes	7	Yes
9	Computer Organization & Architecture & U20CBT303	Mrs. K. Devika	Yes	7	Yes
10	Object Oriented Programming & U20CBT304	Mrs. V. Sivasankari	Yes	7	Yes
11	Database Management Systems & U20CBT305	Mr. T. Karthikeyan	Yes	7	Yes
12	Fundamentals of Management /U20HST507	Mr. T. Chandramohan	Yes	7	Yes
13	Business Strategy / U20HST508	Dr. A. Vinoth	Yes	7	Yes
14	Design Thinking	Ms. C. Jenithamary	Yes	7	Yes
15	Software Design with UML / U20CBT509	Mrs. K. Devika	Yes	7	Yes
16	Compiler Design	Dr. N. Danapaquame	Yes	7	Yes
17	Business Process / U20CBE505	Mrs. S. Deepa	Yes	7	Yes
18	Financial Management / U20HST712	Mrs. R. Sureka	Yes	7	Yes
19	Human Resource Management / U20HST713	Mrs. G. Ramya	Yes	7	Yes
20	Usability Design of Software Applications / U20CBT714	Mrs. V. Sivasankari	Yes	7	Yes
21	IT Workshop Scilab / Matlab / U20CBT715	Ms. C. Jenithamary	Yes	7	Yes
22	Introduction to IoT / U20CBE712	Mrs. M. Viji	Yes	7	Yes
23	Virtual Reality	Mrs. M. Viji	Yes	7	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
222	18	1:15

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	Mention the target: 3 Benchmark: Level 1 --→70% and above of university average pass percentage Level 2 --→75% and above of university average pass percentage Level 3 --→80% and above of university average pass percentage Target: Level 3
4	PSO and PO attainment through CO	Yes	-

3.8 Student Performance in End Semester Examination

Semester – I (2023-2027)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	59	-
2	Number of All Clear Students	49	-
3	Number of Students passed with Distinction	18	-
4	Number of Students passed with First Class	26	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	10	-
7	Passing Percentage	83 %	-

Semester – III (2022-2026)

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	13	-
4	Number of Students passed with First Class	36	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	9	-
7	Passing Percentage	84%	-

Semester – V (2021-2025)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	53	-
2	Number of All Clear Students	51	-
3	Number of Students passed with Distinction	10	-
4	Number of Students passed with First Class	41	-

5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	2	-
7	Passing Percentage	96%	-

Semester – VII (2020-2024)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	53	-
2	Number of All Clear Students	37	-
3	Number of Students passed with Distinction	15	-
4	Number of Students passed with First Class	38	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	16	-
7	Passing Percentage	69.8%	-

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	162	-
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	45	-
3	Student Exit Survey conducted and analyzed	Yes	222	-
4	Alumni Feedback conducted and analyzed	Yes	93	-

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					

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 Factor
1	2022-2023	1	SCI	-	-	3

Publication Details for Academic Year consider for Auditing

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

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
1	Novelty Algorithm for climate change mitigation and adaption: Dynamic carbon pricing with AI-Driven emissions forecasting	Dr. A. Karunamurthy, Mr. K. Sackthivel, Mr. T. Karthikeyan	Madhya Bharti – Humanities and Social Sciences Vol 83 No 8, July – December 2023	0974-0066

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/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
1	Ensemble Text Classification with TF-IDF Vectorization for Hate Speech Detection in Social Media	T.Karthikeyan	International Conference on System, Computation, Automation and Networking (ICSCAN), 2023	November 2023	979-8-3503-1512-7	IEEE

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
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.	ABDULLAH S	CODSOFT	1 Month	25.09.2023	25.10.2023
2.	ADARSH KANNA G	CODSOFT	1 Month	01.10.2023	31.10.2023
3.	ANTOIN SHALMINA DAARWIN E	CODSOFT	1 Month	05.10.2023	05.11.2023
4.	ARAVINDH K	CODSOFT	1 Month	25.09.2023	25.10.2023
5.	ARUN KUMAR S	EDUSKILLS FOUNDATION	3 Months	01.12.2023	29.02.2023
6.	ASHMITHA V	HEXAWARE	6 Months	21.08.2023	21.02.2024
7.	BALASUDHA B	CODSOFT	4 WeekS	05.10.2023	05.11.2023
8.	BRITHESHA M	SUPPORT STUDIO TECHNOLOGIES	4 Months	07.11.2023	03.03.2023
9.	DARSHAN	EDUSKILLS FOUNDATION	2 Months	19.12.2023	26.02.2023
10.	DHARAKESWARAN A	NILKAMAL LIMITED	1 Month	04.09.2023	04.10.2023
11.	DHARSHAN AADHAVAN S	CODSOFT	1 Month	25.09.2023	25.10.2023
12.	DIVYADARSHINI P	CODSOFT	1 Month	05.10.2023	05.11.2023
13.	GANGA K S	1990 MINDS & CO	1 Month	07.09..2023	07.10.2023
14.	GOKUL V	EXPOSYS DATA LABS	1 Month	16.03.2023	15.04.2023
15.	HARI RAMANAN S M	CODSOFT	4 Weeks	01.08.2023	31.08.2023
16.	HARIN S R	SUVEN CONSULTANTS & TECHNOLOGY PVT LTD	1 Month	09.11.2023	09.12.2023
17.	HARISH B	ENCORA	2 Months	05.12.2022	10.02.2023
18.	HEMA P	EDUSKILLS FOUNDATION	2 Months	19.12.2022	26.02.2023
19.	HEMAPOOJA S	EDUSKILLS	10 Weeks	05.10.2022	05.11.2023
20.	ISWARYA S	ACMEGRADE	3 Months	19.12.2023	26.02.2023
21.	JENIFER SONA A	CODSOFT	4 Weeks	25.09.2023	25.10.2023
22.	KALAIARASI M	CODSOFT	4 Weeks	01.12.2023	01.02.2023

23.	KAVIYA SUNDARY S	CODSOFT	4 Weeks	05.10.2023	05.11.2023
24.	KEERTHIVASAN E	SUVEN CONSULTANTS & TECHNOLOGY PVT LTD	4 Weeks	19.11.2023	20.12.2023
25.	KISHORE R	CODSOFT	4 Weeks	05.10.2023	05.11.2023
26.	KRISHNA RAJ T	CODSOFT	4 Weeks	04.10.2023	04.11.2023
27.	KRISHNAVENI S	SUPPORT STUDIO TECHNOLOGIES	4 Months	07.11.2023	03.03.2024
28.	LAVANYA R	EDUSKILLS FOUNDATION	2 Months	01.07.2022	01.09.2023
29.	LOGESHKUMAR J	CODSOFT	4 Weeks	05.10.2023	05.11.2023
30.	MAHASHREE K	EDUSKILLS FOUNDATION	2 Months	01.07.2022	30.09.2022
31.	MANOJKANNA P V	HEXAWARE	6 Months	21.8.2023	21.02.2024
32.	MURALI KAARTHICK S	ACER	4 Weeks	17.04.2023	12.05.2023
33.	NIKHIL VARRSHAN D	ACER	4 Weeks	17.04.2023	12.05.2023
34.	RAHUL K	IMPIGER	3 Months	03.10.2023	06.10.2023
35.	RANJITH R	CODSOFT	4 Weeks	05.10.2023	05.11.2023
36.	SAIKUMAR R	NEXGEN TECHNOLOGY	4 Weeks	17.04.2023	21.04.2023
37.	SANJAY K	CODSOFT	1 Month	16.12.2023	17.01.2023
38.	SARAVANAN R	CODSOFT	1 Month	25.09.2023	25.10.2023
39.	SHABANA BEGUM A	SOLAR SECURE SOLUTIONS PVT LTD	2 Months	20.09.2023	20.11.2023
40.	SHAKITHA J	SOLAR SECURE SOLUTIONS PVT LTD	2 Months	20.09.2023	20.11.2023
41.	SHANMUGAPRIYA R	EDUSKILLS	10 Weeks	01.12.2023	02.01.2023
42.	SRI GURUBAGHUVELA D	EDUSKILLS	10 Weeks	01.12.2022	02.01.2023
43.	SRI VATHSAN S	EDUSKILLS	10 Weeks	01.12.2022	02.01.2023
44.	SRINITHI S	SUPPORT STUDIO	5 Months	07.11.2023	07.03.2024
45.	SRIPRADHA K	SOLAR SECURE SOLUTIONS PVT LTD	2 Months	20.09.2023	20.11.2023
46.	SUBHASHINI P	CODSOFT	4 Weeks	25.09.2023	25.10.2023
47.	SURENDRAN BALA V	ACER	4 Weeks	17.04.2023	12.05.2023
48.	VAMSI KRISHNAN S	CODSOFT	4 Weeks	25.09.2023	25.10.2023
49.	VAMSRIKRISHNA S	ACER	4 Weeks	17.04.2023	12.05.2023
50.	VEDANARAYANAN T	CODSOFT	4 Weeks	10.08.2023	10.09.2023
51.	VEERA HARISIVA G	CODSOFT	4 Weeks	05.10.2023	05.11.2023
52.	YASWANT A	ACER	4 Weeks	17.04.2023	12.05.2023
53.	YOGESWARAN	EDUSKILLS	10 Weeks	01.12.2022	01.02.2023

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
NIL				

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	TATA CONSULTANCY SERVICES	06.11.2020	Industry specific application oriented trainings	Renewal on Yearly Once

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	6
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	Ashmitha V	Hexaware technologies	4 LPA
2	Manoj Kanna P V	Hexaware technologies	4 LPA
3	Shabana Begum A	Hexaware technologies	4 LPA
4	Sri Gurubaghuvela D	Hexaware technologies	4 LPA
5	Vamsrikrishna S	TCS Digital	7 LPA
6	Murali Kaarthick S	TCS Pega	3.86 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
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	Dharakeswaran & Vamsrikrishna (IV Year)	Chess Competition	SMVEC	1 st Prize
2	Dharakeswaran, Rahul, Ranjith, Kishore, Sanjay, Abdulla, Gokul, Yaswant	Cricket Match	SMVEC	3 rd 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	NIL	

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

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

9.4 Awards / Prizes and 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

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	T. Karthikeyan	International Conference on System, Computation, Automation and Networking (ICSCAN), 2023	Manakula Vinayagar Institute of Technology, Puducherry.	2 Day
2	T. Karthikeyan	Recent Advances in Applied Mathematics	Sri Manakula Vinayagar Engineering College	5 Day
3	T. Karthikeyan	Application of Machine Learning	KKR & KSR Institute of Technology and Sciences, Guntur	5 Day
4	T Karthikeyan	Modern Research Convergence in Next Generation Computing	Sri Krishna College of Engineering & Technology (Autonomous),	5 Day
5	M. Viji	Data Analytics using Python	ICT Academy	5 Day
6	M. Viji	Modern Research Convergence in Next Generation Computing	Sri Krishna College of Engineering & Technology (Autonomous),	5 Day
7	M. Viji	Building Advanced Data Analytics application with cloud	Next Gen Employability Program	5 Day
8	M. Viji	Applications of Machine Learning	KKR & KSR Institute of Technology and Sciences	5 Day

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

11-11-11

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In the second section, the author details the various methods used to collect and analyze the data. This includes both manual and automated processes. The goal is to ensure that the data is as accurate and comprehensive as possible.

The third part of the document focuses on the results of the analysis. It shows that there are significant trends in the data, particularly in the areas of sales and customer behavior. These findings are crucial for making informed business decisions.

Finally, the document concludes with a series of recommendations for future work. It suggests that further research should be conducted to explore the underlying causes of the observed trends. This will help the organization to better understand its market and improve its performance.

Overall, this document provides a comprehensive overview of the data analysis process. It highlights the challenges faced and the solutions implemented. The results are clear and actionable, providing a solid foundation for future strategic planning.

The data shows a steady increase in sales over the period, with a notable spike in the latter half. This is likely due to the implementation of the new marketing strategy. The customer feedback is also positive, indicating that the product is well-received.

The analysis also identified some areas for improvement. For example, there is a need to streamline the supply chain to reduce costs and improve delivery times. Additionally, more targeted marketing efforts could be used to reach specific customer segments.

The document also includes a detailed breakdown of the data by region and product line. This allows for a more granular view of the performance. The results show that certain regions are performing better than others, and some product lines are more popular than others.

In conclusion, the data analysis has provided valuable insights into the company's performance. It has identified both strengths and areas for improvement. By acting on these findings, the organization can continue to grow and succeed in the market.



Date: 13.04.2024

Recommendations for Computer Science and Business Systems

Section	Remarks
Curricular Aspects	All documents submitted as part of the curriculum are authentic and verified the same.
Teaching, Learning and Evaluation	All documents related to teaching, learning, and evaluation and verified the same. Learning outcomes completed 75 % only.
Structured Feedback	Hard copy of Analyzing feedback from various stakeholder's documents have been verified
Research, Innovation and Publications	All documents are verified related to Research, Innovation and Publications, and suggested to concentrate to publish in Scopus Journals and SCI Publications.
Collaborations and Linkages	Documents are verified and suggested to concentrate on more MoUs.
Student Progression	<ul style="list-style-type: none">• Student placement details are verified.• Higher studies and Entrepreneur are not applicable because first batch students are pursuing
Activity Conducted / Organized by the Department	Suggestion given to conduct a more guest lectures/workshop/seminar in the forth coming semesters.
Achievements	Suggest faculties to involve more activities like, Resource Person, Reviewer in Conference and Journals.
General Remarks	Good

Signature of the Internal Academic Audit Experts

S.B. Lenin
13/4/24

Dr.S.B. Lenin,
Professor,

Department of ECE,

Sri Manakula Vinayagar Engineering College.

Dr. K. Naveen Kumar
13/4/24

Dr. K.Naveen Kumar,

Assistant Professor,

Department of ICE,

Sri Manakula Vinayagar Engineering College.



**SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE**

An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107



INTERNAL QUALITY ASSURANCE CELL

ACADEMIC AND ADMINISTRATIVE AUDIT

**DEPARTMENT OF
COMPUTER SCIENCE AND COMMUNICATION
ENGINEERING**



ACADEMIC AND ADMINISTRATIVE AUDIT
(Academic Year 2023 - 2024)

SECTION -1: BASIC INFORMATION

Audit Date	9.04.2024		
Name of the Department	Computer and Communication Engineering		
Year of Establishment	2020		
Programs Offered	Name of the Program		Approved Intake
	B.Tech- Computer and Communication Engineering		60
Head of the Department	Dr. V.Bharathi		
Number of full time Teachers	Professor	1	
	Associate Professor	2	
	Assistant Professor	11	
Number of Technical Staff	-		
Number of Students	For B.Tech:		
	Year	Strength	
	First Year	57	
	Second Year	59	
	Third Year	57	
	Fourth Year	48	
Total	221		
Faculty Student Ratio	1:13		

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 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.V.Bharathi Professor and Head Department of Computer and Communication Engineering	Chairperson	B.Tech	II / III, IV
2	Mrs.V.Gomathi Assistant Professor/CCE Specialization: Networking	Internal Member	B.Tech	II / III, IV
3	Mrs.T.Sivaranjani Assistant Professor/CCE Specialization: Networking	Internal Member	B.Tech	II / III, IV
4	Ms.M.Indhumathi Assistant Professor/CCE Specialization: Machine learning	Internal Member	B.Tech	II / III, IV
5	Mr.M.Gobinath Assistant Professor/CCE Specialization: Networking	Internal Member	B.Tech	II / III, IV
6	Ms.S.Keerthana Assistant Professor/CCE Specialization: Database Systems	Internal Member	B.Tech	II / III, IV
7	Mr. K.Sackthivel Assistant Professor/CCE Specialization: Data Science	Internal Member	B.Tech	II / III, IV
8	Mr.J. Saravanan Assistant Professor/CCE Specialization: Communication Systems	Internal Member	B.Tech	II / III, IV
9	Mr.G.K.Senthil kumar Assistant Professor/CCE Specialization: Embedded Systems	Internal Member	B.Tech	II / III, IV
10	Dr. D. Devi Assistant Professor /English Specialization: English	Internal Member	B.Tech	II / III, IV
11	Dr. K.Samuvelraj Assistant Professor /physics Specialization: Physics	Internal Member	B.Tech	II / III, IV
12	Dr. K. Karthikeyan Assistant Professor /Chemistry Specialization: chemistry	Internal Member	B.Tech	II / III, IV
13	Dr. A.Ashok Assistant Professor / Mathematics Specialization: Mathematics	Internal Member	B.Tech	II / III, IV

2.3 List of Open Elective Courses offered by the department

S.No	Year / Sem	Name of the Elective Course	Course Code	Number of Students Registered
1.	IV/VII	Data Science using python	U20CCO705	60

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	Product Development and Design	U20HSO501	57
2.	IV/VII	IT	Automation Techniques & Tools- DevOps	U20ITCM08	48

2.5 List of Skill Development Courses offered by the department

S.No	Year / Sem	Name of the Skill Development Course	Course Code	Number of Students Registered
1.	II/III	Animation Practice	U20CCS302	59
2.	III/V	Carrier Development Program	U20CCS504	57
3.	III/V	Presentation Skill using ICT	U20CCS505	57

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 Programming-I	U23CCC175	57
2.	II/III	IOT	U20CCC356	59
3.	III/V	Cyber Security	U20CCC532	57

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1.	I/I	Induction Programme	U23CCM101	57
2.	II/III	Physical Education	U20CCM202	59
3.	III/V	Indian Constitution	U20CCM505	57
4.	IV/VII	Professional Ethics	U20CCM707	48

SECTION -3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: I (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	Engineering Mathematics -I / U23MATC01	Mrs.T.Kalaiselvi	60	60	60
2	Programming in C / U23CSTC01	Ms.S.Keerthana	45	45	48
3	Problem Solving Approach / U23CSTC02	Mr.K.Sackthivel	45	45	46
4	Basics of Electrical and Electronics Engineering / U23ESTC03	Dr.V.Chettan Prakash	45	45	52

5	Universal Human Values- II / U23HSTC01	Mr.M.Gobinath	45	45	45
6	Communicative English - I / U23ENBC01	Mr.A.Antoine Prasad	45	45	48
7	Basics of Electrical and Electronics Engineering Laboratory / U23ESPC01	Dr.V.Chettan Prakash	30	30	36
8	Programming in C Laboratory /U23CSPC01	Ms.S.Keerthana/ Ms.K.Suvedha	30	30	36
9	Engineering Graphics using AutoCAD / U23ESPC03	Mr.Prakash Kumar	30	30	36

Semester: III (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	Discrete Mathematics and Graph Theory / U20BST325	Mrs.S.P.Lavanya	60	60	60
2	Programming in C++/ U20EST359	Ms.K.Gayathri	45	45	48
3	Data Structures/ U20EST356	Ms.A.Thivya	45	45	48
4	Communication Systems/ U20CCT305	Ms.R.Jegadeeswari	45	45	46
5	Signal Processing/ U20CCT306	Dr.V.Bharathi	45	45	53
6	Software Engineering/ U20CCT307	Mrs.T.Sivaranjani	45	45	45
7	General Proficiency-I/ U20HSP301	Mrs.R.Gejalakshmi	30	30	30
8	Programming in C++Laboratory/ U20ESP360	Ms.K.Gayathri	30	30	36
9	Data Structures Laboratory/ U20ESP357	Ms.A.Thivya	30	30	36
10	Communication systems Laboratory/ U20CCP303	Mr.J.Saravanan	30	30	36

Semester: V (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	Numerical Methods and Statistics/ U20BST548	Mr.R.VijayaKumar	60	60	60

2	Database Systems/ U20CCT510	Mr.K.Sackthivel	45	45	47
3	Cryptography and Network Security/ U20CCT511	Mrs.RV.Nalinaa	45	45	48
4	Microcontroller and Interfacing/U20CCT512	Ms.R.Jegadeeswari	45	45	52
5	Professional Elective - II Data Mining and Warehouse/ U20CCE508	Mr.J.Saravanan	45	45	48
6	Open Elective-II Product Development and Design/ U20HSO501	Mrs.R.Surekha	45	45	46
7	Numerical and Statistical Laboratory / U20BSP550	Mr.V.Vasanth	30	30	30
8	Cryptography and Network Security Laboratory / U20CCP506	Mrs.RV.Nalinaa	30	30	36
9	Microcontroller and Interfacing Laboratory/ U20CCP507	Ms.R.Jegadeeswari	30	30	36
10	Database Systems Laboratory/ U20CCP508	Mr.K.Sackthivel	30	30	36

Semester: VII (Batch: 2020-2024)

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	Ms.R.Keerthana	45	45	48
2	Cloud Computing and Distributed Systems / U20CCT718	Ms.M.Indhumathi	45	45	48
3	Professional Elective-IV Social Network Analysis / U20ITCM07	Mrs.V.Gomathi	45	45	48
4	Open Elective –IV Automation Techniques & Tools - DevOps / U20ITCM08	Ms.S.Keerthana	45	45	46
5	Business Basics for Entrepreneur/ U20ITCM08	Mr.T.Chandramohan	30	30	30
6	Artificial Intelligence Laboratory/ U20CCP712	Ms.R.Keerthana	30	30	36
7	Cloud Computing and Distributed Systems Laboratory/ U20CCP712	Mr.M.Gobinath	30	30	36
8	Comprehensive Viva Voce / U20CCP714	Ms.R.Keerthana	30	30	36

9	Project Phase – I / U20CCW701	Dr.V.Bharathi	40	40	40
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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.T.Kalaiselvi	Engineering Mathematics –I / U23MATC01	PPT
2	Ms.S.Keerthana	Programming in C / U23CSTC01	PPT
3	Mr.K.Sackthivel	Problem Solving Approach / U23CSTC02	PPT
4	Dr. V.Chettan Prakash	Basics of Electrical and Electronics Engineering / U23ESTC03	PPT
5	Mr.A.Antoine Prasad	Communicative English - I / U23ENBC01	PPT
6	Mrs.S.P.Lavanya	Discrete Mathematics and Graph Theory / U20BST325	PPT
7	Ms.K.Gayathri	Programming in C++/ U20EST359	PPT
8	Ms.A.Thivya	Data Structures/U20EST356	PPT
9	Ms.R.Jegadeeswari	Communication Systems/U20CCT305	PPT
10	Dr. V.Bharathi	Signal Processing/ U20CCT306	PPT
11	Mrs.T.Sivaranjani	Software Engineering/ U20CCT307	PPT
12	Mrs.R.Gejalakshmi	General Proficiency–I/ U20HSP301	PPT
13	Mr.R.VijayaKumar	Numerical Methods and Statistics/ U20BST548	PPT
14	Mr.K.Sackthivel	Database Systems/U20CCT510	PPT
15	Mrs.RV.Nalinaa	Cryptography and Network Security/ U20CCT511	PPT
16	Ms.R.Jegadeeswari	Microcontroller and Interfacing/U20CCT512	PPT
17	Mr.J.Saravanan	Professional Elective - II Data Mining and Warehouse/ U20CCE508	PPT
	Mrs.R.Surekha	Open Elective-II Product Development and Design/ U20HSO501	PPT
18	Ms.R.Keerthana	Machine Learning and Artificial Intelligence / U20CCT717	PPT
19	Ms.M.Indhumathi	Cloud Computing and Distributed Systems / U20CCT718	PPT
20	Mrs.V.Gomathi	Professional Elective-IV Social Network Analysis / U20ITCM07	PPT
21	Ms.S.Keerthana	Open Elective –IV Automation Techniques & Tools - DevOps / U20ITCM08	PPT
22	Mr.T.Chandramohan	Business Basics for Entrepreneur/ U20ITCM08	PPT

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Foundation to Machine Learning	Mr.Nithesh Kumar Manimaran	20.05.2023	55
2	Full Stack Web development	Prakash Velayudham	8.7.2023	59

3	Drone Workshop	Gopi Kupparao	7.11.2023	56
4	Drone Workshop	Gopi Kupparao	10.11.2023	59
5	Testing of Electronic Devices in Hardware	Mr.Raja	7.12.2023	57

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	Engineering Mathematics –I / U23MATC01	Mrs.T.Kalaiselvi	Yes	6	Yes
2	Programming in C / U23CSTC01	Ms.S.Keerthana	Yes	5	Yes
3	Problem Solving Approach / U23CSTC02	Mr.K.Sackthivel	Yes	5	Yes
4	Basics of Electrical and Electronics Engineering / U23ESTC03	Dr.V.Chettan Prakash	Yes	6	Yes
5	Universal Human Values- II / U23HSTC01	Mr.M.Gobinath	Yes	4	Yes
6	Communicative English - I / U23ENBC01	Mr.A.Antoine Prasad	Yes	5	Yes
7	Discrete Mathematics and Graph Theory / U20BST325	Mrs.S.P.Lavanya	Yes	6	Yes
8	Programming in C++/ U20EST359	Ms.K.Gayathri	Yes	5	Yes
9	Data Structures/U20EST356	Ms.A.Thivya	Yes	6	Yes
10	Communication Systems/U20CCT305	Ms.R.Jegadeeswari	Yes	5	Yes
11	Signal Processing/ U20CCT306	Dr.V.Bharathi	Yes	6	Yes
12	Software Engineering/ U20CCT307	Mrs.T.Sivaranjani	Yes	5	Yes
13	General Proficiency–I/ U20HSP301	Mrs.R.Gejalakshmi	Yes	6	Yes
14	Numerical Methods and Statistics/ U20BST548	Mr.R.VijayaKumar	Yes	6	Yes
15	Database Systems/ U20CCT510	Mr.K.Sackthivel	Yes	4	Yes
16	Cryptography and Network Security/ U20CCT511	Mrs.RV.Nalinaa	Yes	4	Yes
17	Microcontroller and Interfacing/U20CCT512	Ms.R.Jegadeeswari	Yes	5	Yes
18	Professional Elective - II Data Mining and Warehouse/ U20CCE508	Mr.J.Saravanan	Yes	4	Yes
19	Open Elective-II Product Development and	Mrs.R.Surekha	Yes	4	Yes

	Design / U20HSO501				
20	Machine Learning and Artificial Intelligence / U20CCT717	Ms.R.Keerthana	Yes	4	Yes
21	Cloud Computing and Distributed Systems / U20CCT718	Ms.M.Indhumathi	Yes	4	Yes
22	Professional Elective-IV Social Network Analysis / U20ITCM07	Mrs.V.Gomathi	Yes	4	Yes
23	Open Elective –IV Automation Techniques & Tools - DevOps / U20ITCM08	Ms.S.Keerthana	Yes	4	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	Yes	-
2	Class wise student Profile Record Maintained	Yes	-
3	Mentor – Mentee Session Record Maintained	Yes	-

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
221	13	1:17

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	Mention the target: Batch (2020-2024) - 55% Batch (2021-2025) - 60% Batch (2022-2026) - 65% Batch (2023-2027) - 70% (C Grade and above)
4	PSO and PO attainment through CO	Yes	-

3.8 Student Performance in End Semester Examination Semester – I (Batch 2023-2027)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	57	-
2	Number of All Clear Students	39	-

3	Number of Students passed with Distinction	14	-
4	Number of Students passed with First Class	24	-
5	Number of Students passed with Second Class	01	-
6	Number of Students Failed	18	-
7	Passing Percentage	68.42	-

Semester – III (Batch 2022-2026)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	59	-
2	Number of All Clear Students	46	-
3	Number of Students passed with Distinction	4	-
4	Number of Students passed with First Class	40	-
5	Number of Students passed with Second Class	2	-
6	Number of Students Failed	13	-
7	Passing Percentage	78	-

Semester – V (Batch 2021-2025)

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	6	-
4	Number of Students passed with First Class	46	-
5	Number of Students passed with Second Class	Nil	-
6	Number of Students Failed	5	-
7	Passing Percentage	91.22	-

Semester – VII (Batch 2020-2024)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	48	-
2	Number of All Clear Students	40	-
3	Number of Students passed with Distinction	19	-
4	Number of Students passed with First Class	19	-
5	Number of Students passed with Second Class	02	-
6	Number of Students Failed	08	-
7	Passing Percentage	83.33	-

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
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1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	106	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.
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	15	-
3	Student Exit Survey conducted and Analysed	-	-	-
4	Alumni Feedback conducted and Analysed	-	-	-

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

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

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

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consultancy
1	Mr.K.Sackthivel	CRM Website	VNET Solutions	50,000	3 Months
2	Mr.K.Sackthivel	CRM Website	REALTIA GROUP	20,000	3 Months

5.3 Faculty Publications

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	8 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 Publication in National Journals	-
Number of Publication in International Journals	8
Number of Publication in National Conferences	-
Number of Publication in International Conferences	3
Number of Books / Book Chapters	-
Number of Patent (Filed)	16
Number of 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	Enhanced Delay Locked Loop Based Wide Frequency Multiplier	V. Bharathi, M. Soussay Christine, A.R. Aysha	Journal of Advanced Research In Dynamical & Control Systems	Vol. 12, Issue-06, 2020, DOI:10.5373/JA RDCS/V12I2/S2 0201395	Scopus
2	Detection of Wound in Human using HOG and HSV Algorithm	V.Bharathi, Oviya kirubanatham	Journal of Advanced Research In Dynamical & Control Systems	Vol. 12, Issue-06, 2020, DOI:10.5373/JA RDCS/V12I2/S2 0201395	Scopus
3	Smart Guidance System of Sightless Challengers	Dr.P.Raja Dr.V.Bharathi	International Journal of Future Generation Communication and Networking	Vol. 13, No. 3,2020	Web of Science
4	Sybil Attack Detection and Shielding In Manet Using Received Signal Strength Indicator	Dr. V. Bharathi, Dr. P, Raja, J. Akshaya, S. Kaviarasi, M, Mohana, Sabnam Dalai	International Journal of Grid and Distributed Computing	Vol. 13, No. 1, , ISSN: 2005-4262,2020 , pp. 1679–1687	Web of Science
5	Parkinson's Disease Classification Using Deep Convolutional Neural Network Based On Acoustic Signals	Dr.V.Bharathi, A. Devika, J.Jaya Nishanthini, A. PeriyaPrasanna, R. SaiCharanya	International Journal of Future Generation Communication and Networking	Vol. 13, No. 3, 2020	Web of Science
6	A Custom Yolov5-Based Real-Time Fire Detection System: A Deep Learning Approach	V.Bharathi	Journal of Data Acquisition and Processing	Vol 38, No.2, pp.441-451	Scopus
7	Future Prediction of Cardiovascular Disease Using Deep Learning Technique	Indhumathi Murugan	Smart Intelligent Computing and Communication Technology	38, pp.219-223	Scopus
8	Prediction of Cardiovascular Disease Using Machine Learning Technique—A Modern Approach	Indhumathi Murugan	Computers, Materials & Continua	Vol.71, No.1, 2022, pp.855-869	Scopus
9	Novelty Algorithm For Climate Change Mitigation And Adaptation:Dynamic Carbon Pricing with AI-Driven Emissions Forecasting.	K.Sackthivel	Madhya Bharti-Humanities and Social Sciences	0974-0066,Vol 83 No 8	UGC
10	Prediction-based spatial correlation clustering algorithm	P.Raja V.Bharathi	Internation Journal Advanced Intelligence	2603-0403, Vol.26	Scopus

	for efficient data reduction in wireless sensor network		Paradigms		
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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
-	-	-	-	-	-	-

International Conference

S.No	Title of the Paper	Name of the Authors	Title of the Proceedings of the Conference	Name of the Conference	ISBN / ISSN	Publisher
1	An Efficient Implementation of Mask and Temperature To Detect Covid-19 Patient and Report Online	V. Bharathi, K. Gayathri,	Proceedings of International Conference on Emerging Innovative Technologies	International Conference on Emerging Innovative Technologies in Engineering (ICEITE-22)	978-93-94743-08-3	-
2	Precautions for Maritime Boundary Limit using Geo Tracking & Wave Buoy	T.Sivaranjani	IEEE International Conference on Systems, Computation, Automation and Networking	IEEE International Conference on Systems, Computation, Automation and Networking (ICSCAN 2023)	-	-
3	An IoT-based Automated Music Therapy System for Stress Management: Design	Dr.V.Bharathi	IEEE International Conference on Systems, Computation, Automation and Networking	IEEE International Conference on Systems, Computation, Automation and Networking (ICSCAN 2023)	-	-

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
1	Sri Manakula Vinayagar	Dr.V.Bharathi	Smart Organic	355941-002 & 31.12.2021	India	Published

	Engineering College		Waste Composter			
2	Sri Manakula Vinayagar Engineering College	Dr.V.Bharathi	Smart Safety Helmet for Construction Workers	355944-001 & 31.12.2021	India	Published
3	Sri Manakula Vinayagar Engineering College	Dr.V.Bharathi	Shoe For Visually Impaired	350939-001 & 7.10.2021	India	Published
4	Sri Manakula Vinayagar Engineering College	Dr.V.Bharathi	Smart Shoe for Visually Impaired	350939-002 & 7.10.2021	India	Published
5	Sri Manakula Vinayagar Engineering College	Dr.V.Bharathi	Automobile Fuel Adulteration Detector	356036-002 & 11.03.2022	India	Published
6	Sri Manakula Vinayagar Engineering College	Dr.V.Bharathi	Fuel Adulteration Detecting Device for Vehicles	356036-001 & 8.04.2022	India	Published
7	Sri Manakula Vinayagar Engineering College	Dr.V.Bharathi	Driver Drowsiness Detecting and Warning System	356035-001 & 11.03.2022	India	Published
8	Sri Manakula Vinayagar Engineering College	Dr.V.Bharathi	Driver Drowsiness Detecting and Alerting Device	356035-001 & 4.03.2022	India	Published
9	Sri Manakula Vinayagar Engineering College	Dr.V.Bharathi	Portable Organic Waste Composter	355941-001 & 25.02.2022	India	Published
10	Sri Manakula Vinayagar Engineering College	Dr.V.Bharathi	Portable Mount Stand for Sun Tracking Solar Panel	355939-001 & 4.03.2022	India	Published
11	Sri Manakula Vinayagar Engineering College	Dr.V.Bharathi	Smart Stand for Sun Tracking Solar Panel	355936-001 & 4.03.2022	India	Published
12	Sri Manakula Vinayagar Engineering College	Dr.V.Bharathi	Safety Helmet with Camera and Solar Powered Fan For Construction Workers	355937-001 & 3.01.2022	India	Published
13	Sri Manakula Vinayagar	Mrs.V.Gomathi	Design of Secure IOT	202311006966 &	India	Published

	Engineering College		Healthcare Architecture With Deep Learning Based Access Control System	03.02.2023		
14	Sri Manakula Vinayagar Engineering College	Mrs.V.Gomathi	Health Monitoring Device for Dairy Cows Using Internet of Things	202341027045 & 12.04.2023	India	Published
15	Sri Manakula Vinayagar Engineering College	Ms.M.Indhumathi	A Safety Protection Device for Pregnant Women	202341034385 & 16.05.2023	India	Published
16	Sri Manakula Vinayagar Engineering College	Mr.M.Gobinath	A Safety Protection Device for Pregnant Women	202341034385 & 16.05.2023	India	Published

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
1	AASHIK. N	AICTE/EduSkills	10 Weeks	Sep 2023	Nov 2023
2	Pavithra.M	CODSOFT	4 Weeks	Nov 2023	Dec 2023
3	Swethaa Gayathri.K	EDUSKILLS	4 Weeks	Oct 2023	Nov 2023
4	Shivaraman.E	EDUSKILLS	10 Weeks	Sep 2023	Nov 2023
5	Selvendiran.N	AICTE/EduSkills	10 Weeks	Sep 2023	Nov 2023
6	Monisha.C	KODACY	15 Days	Nov 2023	Dec 2023
7	Harini.M	Metal Scope	11 Days	Oct 2023	Oct 2023
8	Sandeep.S	CODSOFT	4 Weeks	Nov 2023	Dec 2023
9	Deivanai	VPS Codebuilders	2 Months	Sep 2023	Nov 2023
10	Farhaana M H	VPS Codebuilders	2 Months	Sep 2023	Nov 2023
11	Kiruthika	VPS Codebuilders	2 Months	Sep 2023	Nov 2023

12	Megavarshini.G.K.	VPS Codebuilders	2 Months	Sep 2023	Nov 2023
13	Naren Karthik S	VPS Codebuilders	2 Months	Sep 2023	Nov 2023
14	Srenethesh M	VPS Codebuilders	2 Months	Sep 2023	Nov 2023
15	Surender.M	VPS Codebuilders	2 Months	Sep 2023	Nov 2023
16	Abdur Rehman	AWS Academy	40 hours	Sep 2023	Nov 2023
17	Guhan.S	AWS Academy	40 hours	Sep 2023	Nov 2023
18	Justine.J	AWS Academy	40 hours	Sep 2023	Nov 2023
19	Ashok Kumar.S	AWS Academy	40 hours	Sep 2023	Nov 2023
20	Poonguzhali.S	AWS Academy	40 hours	Sep 2023	Nov 2023
21	Varun Krishna.S	IITD Rendezvous	60 hours	Aug 2023	Oct 2023
22	Varun Krishna.S	Walmart Global Tech	30 hours	July 2023	July 2023
23	Varun Krishna.S	British Airways	30 hours	July 2023	July 2023
24	Varun Krishna.S	Tata Group	30 hours	July 2023	July 2023

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	Codebind Technologies	10.06.2023	I year CCE students	37
2	Techvolt Software Pvt.Ltd	10.06.2023	I year CCE students	37
3	Keltron Communication Complex	9.06.2023	II year CCE students	52
4	United Electrical Industries Ltd	10.06.2023	II year CCE students	52
5	VPS Codebuilders	7.10.2023	I year CCE students	54

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	VPS Codebuilders	29/01/2024	To enhance Skill development	Jan 2024 to Jan 2029

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	Anandageethan R B	TCS	3.3 LPA
2	Bhavithra S	TCS	3.3 LPA
3	Dheevika S	Infiniti Software Solutions	3 - 4 LPA
4	Dheevika S	Accenture	4.5 LPA
5	Dheevika S	TCS	3.3 LPA
6	Jaya Murugan S	Accenture	4.5 LPA
7	Logesh S D	TCS	3.3 LPA
8	Mohanraj R	TCS	3.3 LPA
9	Pavithra M	Hexaware Technologies	4 LPA
10	Pavithra M	TCS	7.3 LPA
11	Ruban Edward R	Infiniti Software Solutions	3 - 4 LPA
12	Shivaraman E	Accenture	4.5 LPA
13	Sneha C	Support Studio Technologies	4.5 -6 LPA
14	Swetha Gayathri K	Hexaware Technologies	4 LPA
15	Swetha Gayathri K	TCS	7.3 LPA
16	Tharanginee E	Hexaware Technologies	4 LPA
17	Tharanginee E	TCS	3.3 LPA
18	Rahimunnisaa Riyana Sayyad Y	Wild Verve	10LPA

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
-	Not Applicable	-	-	-

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	Drawing Competition	Department	9.9.2023	SMVEC	57

	& Tamil session				
2	Fireless Cooking	Department	12.9.2023	SMVEC	57
3	AICTE Energy Literacy Training	Department	13.9.2023	SMVEC	57
4	UHV Session & Chess and Carrom	Department	14.9.2023	SMVEC	57
5	Guest Lecture - Communication Skill	Department	15.9.2023	SMVEC	57
6	Volley Ball & Basket Ball	Department	16.9.2023	SMVEC	57
7	Motivation talk	Department	6.12.2023	SMVEC	57
8	Club Activity – Technical Quiz, Animation, Filmography, Cloud Presentation	Department	14.10.2023	SMVEC	59
9	Club Activity - Technical Connection, Humanoid, Non Technical event	Department	28.10.2023	SMVEC	59
10	Poster Competition	IEI Student Chapter	14.12.2023	SMVEC	28
11	IEI Poster Presentation	IEI Professional Chapter	22.12.23	SMVEC	5
12	Guest Lecture on “A Recent Advances and Applications in Soft Computing Tools”	ISTE Student Chapter	14.2.2024	SMVEC	55
13	Guest Lecture on “A Recent Trends in Data Science”	IEEE Student Chapter	24.2.2024	SMVEC	53
14	Guest Lecture on “A Recent Trends in Data Engineering”	IEI Student Chapter	24.2.2024	SMVEC	53
15	One day Workshop on “Intellectual Property Rights (IPR) - R&D”	ISTE Student Chapter	28.2.2024	SMVEC	107
16	Guest Lecture on “Platform Technology and its Service oriented Applications”	IEI Student Chapter	12.3.2024	SMVEC	55
17	Guest Lecture on “Networking and Routing Protocol”	IEEE Student Chapter	15.3.2024	SMVEC	105
18	Hands-on training on “Networking and 5G Implementation”	ISTE Student Chapter	1.4.2024 to 5.4.2024	SMVEC	53

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
-	-	Not Applicable	-	-	-

SECTION – IX: ACHIEVEMENTS

9.1 Awards and Prizes Received by Students

S.No	Name of the Student	Event Name / Details	Organized by	Achievement / Position / Prizes
1	N.Ashwin	karlakattai	othi Silambam Kskakthiriya Gurugulam	Assist World Record
2	R.Vikraman	Tanding	4th South Zone Pencak Silat Championship	Bronze Medal
3	K.Kiyshor	Cricket	Election Premier League Cricket Tournament	Best Performance Award
4	R.Vikraman	Regu	5th state level Pencak Silat Association in Puduchery	Silver Medal
5	V.Vinil	FIFA-PS	Puducherry Technological University	1 st Place

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

S.No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	Dr.V.Bharathi	Technical Program Committee Member in ICACIC

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

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1	Dr.V.Bharathi	Wireless Personal Communication – Springer Publication-Reviewer
2	Dr.V.Bharathi	International Journal of Mobile Communication- Inderscience publisher- Reviewer

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.V.Bharathi	NPTEL Discipline star Award
2	Dr.V.Bharathi	Excellent Professor Award from Global Eminence
3	Dr.V.Bharathi	Long Time Service
4	Mrs.V.Gomathi	Mentor Appreciation for Tech Innovation Hackthon

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.V.Gomathi	Advancements in Instrumentation Engineering through Artificial Intelligence: Challenges and Opportunities	DST SERB	24.01.2024 to 25.01.2024

		Machine Intelligence and Futuristic Research Directions	SRM Institute of Science and Technology	4.09.2023 to 9.09.2023
		Recent Advancements in Artificial Intelligence	Jerusalem College of Engineering	8.01.2024 to 12.01.2024
		Internet of Things	Techvolt Software Pvt.Ltd.	10.06.2023
2	Mrs.T.Sivaranjani	Advancements in Instrumentation Engineering through Artificial Intelligence: Challenges and Opportunities	DST SERB	24.01.2024 to 25.01.2024
		Machine Intelligence and Futuristic Research Directions	SRM Institute of Science and Technology	4.09.2023 to 9.09.2023
		Orientation and Familiarization with the Virtual Lab - A Learner perspective	SRM TRP Engineering College	15.03.2024
		Software Development	Techvolt Software Pvt.Ltd.	15.03.2024
3	Ms.R.Jegadeeswari	National Cyber Security Summit'24	SMVEC in Association with AICTE	1.03.2024 to 2.03.2024
4	Ms.A.Thivya	National Cyber Security Summit'24	SMVEC in Association with AICTE	1.03.2024 to 2.03.2024
5	Mrs.M.Indhumathi	Research Paper writing and Publishing in High Impact Journals	SMVEC	25.09.2023
		National Cyber Security Summit'24	SMVEC in Association with AICTE	1.03.2024 to 2.03.2024
		Emerging Research Trends in BlockChain and Data Science	Dr.MGR Educational and Research Institute	8.05.2023 to 12.05.2023
		AI BasedWearable Biosensing Devices for Healthcare Analytics Organization	Sri Shanmugha College of Engineering and Technology	8.01.2024 to 12.01.2024
6	Mr.M.Gobinath	Inculcating Universal Human Values in Technical Education	AICTE	11.09.2023 to 15.09.2023
		Power My English-Composite	Narenn Edutech	9.09.2023
7	Mrs.R.V.Nalinaa	National Cyber Security Summit'24	SMVEC in Association with AICTE	1.03.2024 to 2.03.2024
8	Ms.S.Keerthana	Mentors of Standards Clubs	Bureau of Indian Standards	15.02.2024 to 16.02.2024
		MATLAB and SIMULINK Onramp Certification Program	SMVEC	3.07.2023 to 28.07.2023

		Trending Technologies and Career Guidance	VPS Codebuilders Pvt.Ltd	7.10.2023
9	Ms.K.Gayathri	National Cyber Security Summit'24	SMVEC in Association with AICTE	1.03.2024 to 2.03.2024
10	Ms.K.Suvedha	National Cyber Security Summit'24	SMVEC in Association with AICTE	1.03.2024 to 2.03.2024
11	Mr.K.Sackthivel	National Cyber Security Summit'24	SMVEC in Association with AICTE	1.03.2024 to 2.03.2024
12	Mr.J.Saravanan	National Cyber Security Summit'24	SMVEC in Association with AICTE	1.03.2024 to 2.03.2024
		Inculcating Universal Human Values in Technical Education	AICTE	11.09.2023 to 15.09.2023
		Advancements in Antenna Technology and Biological Effects of Electromagnetic Radiation	SERB	21.03.2024 to 22.03.2024

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

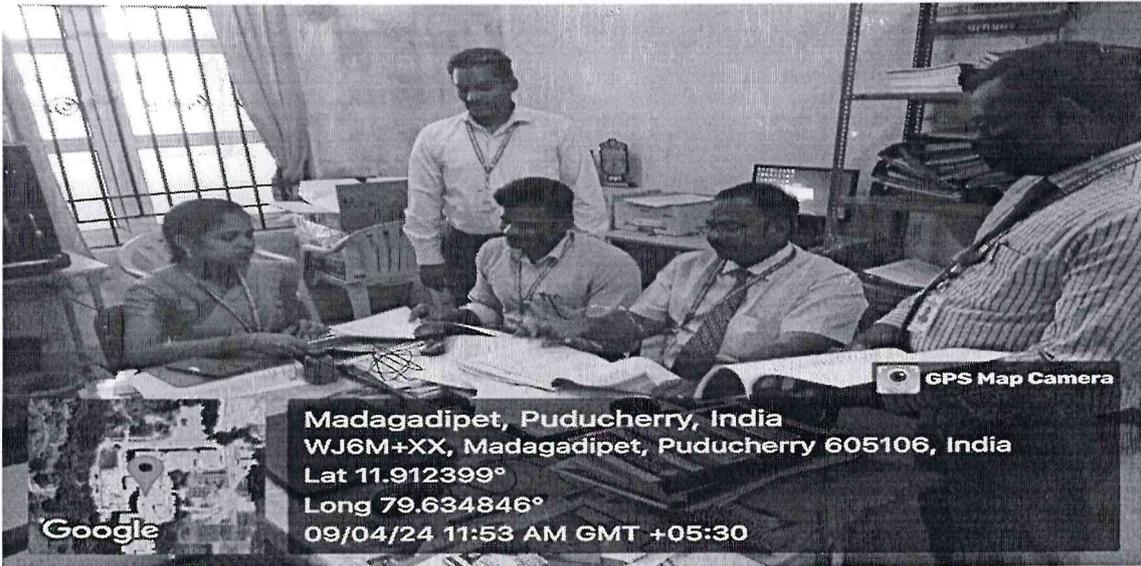

Head of the Department
Dr.V.Bharathi



15-04-2024

Recommendations for Computer and Communications Engineering

Section	Remarks
Curricular Aspects	All documents related to curricular aspects have been thoroughly reviewed and are in order.
Teaching, Learning and Evaluation	The teaching, learning, and evaluation documents have undergone careful scrutiny and are accurate.
Structured Feedback	The structured feedback documents have been meticulously examined and are correct.
Research, Innovations and Publications	Suggest to strengthen the funded project and more research publication
Collaborations and Linkages	While all documents related to collaborations and linkages are correct, we recommend expanding our network by increasing the number of MOUs.
Student Progression	We encourage students to actively participate in various events to enhance their progression.
Activity Conducted / Organized by the Department	The department has successfully conducted and organized various activities.
Achievements	All documents related to achievements have been verified and are correct. It is suggested that faculties be encouraged to participate in various activities as members of committees at University, State, National, and international level bodies.
General Remarks	Satisfactory



Signature of the Internal Academic Audit Experts

Dr. Ravisankar

Associate Professor
Department of Mechanical Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry

Dr. B. Elamurugan

Associate Professor
Department of Management studies
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry



**SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE**

An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605107



INTERNAL QUALITY ASSURANCE CELL

ACADEMIC AND ADMINISTRATIVE AUDIT

**DEPARTMENT OF
FASHION TECHNOLOGY**



ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2023-2024)

(Internal Audit)

SECTION -1 : BASIC INFORMATION

Audit Date	09.04.2024			
Name of the Department	Fashion Technology			
Year of Establishment	2020			
Programs Offered	Name of the Program		Approved Intake	
	B.Tech		60	
Head of the Department	Dr.J.Thanikai Vimal			
Number of full time Teachers	Professor			
	Associate Professor		1	
	Assistant Professor		8	
Number of Technical Staff				
Number of Students	For B.Tech:		For M.Tech	
	Year	Strength	Year	Strength
	First Year	-	First Year	-
	Second Year	19	Second Year	-
	Third Year	13	Total	-
	Fourth Year	21		
	Total	53		
Faculty Student Ratio				

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 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.Thanikai Vimal	BoS Chairman	B.Tech FT	III & IV / VI,VII&VIII
2	Mr.B. Mothilal	BoS Member	B.Tech FT	III & IV / VI,VII&VIII
3	Mrs.N.Kavitha	BoS Member	B.Tech FT	III & IV / VI,VII&VIII
4	Mrs.S.Padmapriya	BoS Member	B.Tech FT	III & IV / VI,VII&VIII
5	Mr.M.Elanthamilan	BoS Member	B.Tech FT	III & IV / VI,VII&VIII
6	Mr.M.Jawagar	BoS Member	B.Tech FT	III & IV / VI,VII&VIII
7	Mr.N.Rajaguru	BoS Member	B.Tech FT	III & IV / VI,VII&VIII
8	Mr.K.Thangadurai	BoS Member	B.Tech FT	III & IV / VI,VII&VIII
9	Mrs.R.B.Malathy	BoS Member	B.Tech FT	III & IV / VI,VII&VIII

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	ERPAnd MIS in Apparel Industry	U20FTE507	13
2	IV/VII	Clothing Comfort	U20FTE718	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
1	III/V	MBA	Marketing Management and Research	U20HSO503	13
2	IV/VII	MBA	Global Marketing and Sourcing Strategies	U20HSO708	21

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* Garment Ornamentation	U20FTS302	19
2	III/V	Skill Development Course 4: Foreign Language/ IELTS - I	U20FTS504	13
3	III/V	Skill Development Course 5:Presentation Skill using ICT	U20FTS505	13

2.6 List of Certification Courses offered by the department

S.No	Year / Sem	Name of the Certification Course	Course Code	Number of Students Registered
1	II/III	AutoCAD – MAYA	U20FTC392	19
2	III/V	Clo 3D	U20FTC593	13

2.7 List of Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
1	II/III	Physical Education	U20FTM303	19
2	III/V	Indian Constitution	U20FTM505	13
2	IV/VII	Professional Ethics	U20FTM707	21

SECTION -3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester : III (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	U20BST327 Operations Research and Statistical Methods	Mr. V. Vasanth	45	45	71
2	U20FTT306 Fashion Illustration	Mrs.Vino N	45	45	56
3	U20FTT307 Pattern Engineering -I	Mr.Sakthivel P	45	45	48
4	U20FTT308 Fabric Structure and Design	Dr.J.Thanikai Vimal	45	45	59
5	U20FTT309 Yarns and Fabrics for Fashion	Dr.J.Thanikai Vimal	45	45	51
6	U20FTT310 Knitting Technology	Mr. Thangadurai. K	45	45	45
7	U20BSP326 Statistical Laboratory	Mr. K. Raja	30	30	25
8	U20FTP304 Fashion Illustration Lab	Mrs.Vino N	30	30	34
9	U20FTP305 Pattern Engineering -I Lab	Mr.Sakthivel P	30	30	34
10	U20FTP306 Fabric Structure and Design Graphics lab	Dr.J.Thanikai Vimal	30	30	30

Semester : V(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	U20FTT515 Garment Construction - II	Mr.Sakthivel P	45	45	50
2	U20FTT516 Textile Testing and Apparel Quality Evaluation	Mr. Thangadurai. K	45	45	46
3	U20FTT517 Fashion Forecasting and Accessories	Mrs.Vino N	45	45	64
4	U20FTT518 Apparel Merchandising and Cost Management	Dr.Thanikai Vimal. J	45	45	64
5	U20FTE507 Professional Elective – II - ERP And MIS in Apparel Industry	Dr.M.Buvaswari	45	45	67
6	U20HSO503 Open Elective-I Marketing Management and Research	Mr. Anbarasan R	30	30	60
7	U20HSP502 General Proficiency -II	Mrs.Madhanavathi K	30	30	34
8	U20FTP510 Garment Construction - II Lab	Mr.Sakthivel P	30	30	41
9	U20FTP511 Fashion Forecasting and Accessories Lab	Mrs.Vino N	30	30	30
10	U20FTP512 Testing of Textile and Apparels Lab	Mr. Thangadurai. K	30	30	39

Semester : VII(2020-2024)

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	U20FTT723 Apparel Production And Planning And Control	Mrs.Vino N	45	45	59
2	U20FTT724 Brand Management and Visual Merchandising	Mr.Sakthivel P	45	45	81
3	U20FTE718 Professional Elective - IV - Clothing Comfort	Mr. Thangadurai. K	45	45	55
4	U20HSO708 Open Elective-IV - Global Marketing and Sourcing Strategies	Dr.Vinoth	45	45	61
5	U20HSP703 Business Basics for Entrepreneur	Dr.Vinoth	45	45	30
6	U20FTP716 Apparel Production And Planning And Control Lab	Mrs.Vino N	30	30	36
7	U20FTP717 Brand Management and Visual Merchandising LAB	Mr.Sakthivel P	30	30	33
8	U20FTP718 Comprehensive Viva Voce	Mr. Thangadurai. K	30	30	34
9	U20FTW701 - Project Phase - I	Dr.Thanikai Vimal. J	30	30	129
10	U20FTW702 Internship / Inplant Training	Mr.Thangadurai. K	30	30	26

3.2 Use of ICT Tools in Teaching Learning

Semester: III, V & VII

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Dr.J.Thanikai Vimal	U20FTT308 - Fabric Structure and Design	PPT
2	Dr.J.Thanikai Vimal	U20FTT309 - Yarns and Fabrics for Fashion	PPT
3	Mr. Thangadurai. K	U20FTT310 - Knitting Technology	PPT
4	Mr. Thangadurai. K	U20FTT516 - Textile Testing and Apparel QualityEvaluation	PPT
5	Mrs.Vino N	U20FTT517 - Fashion Forecasting and Accessories	PPT
6	Mr. Thangadurai. K	U20FTE718 - Professional Elective - IV - Clothing Comfort	PPT
7	Dr.Vinoth	U20HSO708 - Open Elective-IV - Global Marketing and Sourcing Strategies	PPT

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1	Fashion Portfolio, Pattern Engineering	Mr.Kesavan	15.05.2023 to 19.05.2023	2 nd & 3 rd Year
2	Career Opportunities in Fashion and Apparel Industry	Dr.A.Selvakumar	21.07.2023	1 st Year

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	U20BST327 Operations Research and Statistical Methods	Mr. V. Vasanth	Yes	6	Yes
2	U20FTT518 Apparel Merchandising and Cost Management	Dr.Thanikai Vimal. J	Yes	5	Yes
3	U20FTT308 Fabric Structure and Design	Dr.J.Thanikai Vimal	Yes	6	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
53	9	1:6

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	Mention the target:
4	PSO and PO attainment through CO	Yes	

3.8 Student Performance in End Semester Examination Semester – III (2022-2026)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	19	-
2	Number of All Clear Students	19	-
3	Number of Students passed with Distinction	2	-
4	Number of Students passed with First Class	17	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	-	-
7	Passing Percentage	100	-

Semester – V (2021-2025)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	13	-
2	Number of All Clear Students	13	-
3	Number of Students passed with Distinction	2	-
4	Number of Students passed with First Class	11	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	-	-
7	Passing Percentage	100	-

Semester – VII (2020-2024)

Sr. No	Particular	B.Tech	M. Tech
1	Number of Students appeared	21	-
2	Number of All Clear Students	21	-
3	Number of Students passed with Distinction	4	-
4	Number of Students passed with First Class	17	-
5	Number of Students passed with Second Class	-	-
6	Number of Students Failed	-	-
7	Passing Percentage	100	-

SECTION – IV : STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	3	
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	1	
3	Student Exit Survey conducted and Analysed	No	-	
4	Alumni Feedback conducted and Analysed	No	-	

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				
2					

5.2 Consultancy Works

S.No	Name of the Faculty	Nature of Consultancy	Funding Agency	Fund Generated	Duration of the Consutancy
1	NIL				
2					

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 Factos
	NIL					

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	-
Number of Books / Book Chapters	-
Number of Patent (Filed)	-
Number of Patents Granted	-

National Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
1	NIL			
2				

International Journal

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

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					
2						

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	NIL					
2						

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	NIL			
2				

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	NIL					
2						

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					
2					

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				
2				

6.3 Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	ARANYA NATURAL , Kerala	9.6.23	2 nd and 3 rd year	32
2	Aquataur Clothing, Bangalore	24.11.23	2 nd and 3 rd year	32
3	Sri Krishna Spinning & Weaving Mills Pvt. Ltd	25.11.23	2 nd and 3 rd year	32

6.4 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1	Indian Institute of Handloom Technology, Fulia	10.9.2022	Research	5 years
2				

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	4
Number of Students opted Higher Studies	NA
Number of Entrepreneur	NA

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1	G.Ooviya	Ariat Intrenational	2.4 Lak
2	B.Shrimathi	Chidambaram Textile	2.4 Lak
3	M.Dharshini	Magnam Clothing P.Ltd	2.4 Lak
4	R.Subisha	Magnam Clothing P.Ltd	2.4 Lak

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted to
1	NA		

7.3 Entrepreneur

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

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	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
1	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	Arjunan & Ashwini	20.10.2023	Jaishiram Engg. College	1 st Prize
2.	M.Divya	20.10.2023	Jaishiram Engg. College	2 nd Prize
3	Selvaganapathy & Manohar	23.9.2023	KCG College of Technology	2 nd Prize
4	M.Subriti	7.12.23	Pondicherry Heritage Festival 2023	3 rd 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	Nil	

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

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1	Dr.J.Thanikai Vimal	JTI, IJFTR, JTI - Reviewer

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	Nil	

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

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	Dr.J.Thanikai Vimal	Workshop	SMVEC	5 Days
2	Mr.K.Thangadurai	Workshop	SMVEC	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:

General Remarks	All documents are present, and it is suggested to incorporate the above-mentioned details. Good
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Signature of the Internal Academic Audit Experts



Dr. J. Pradeep,

Associate Professor,
Department of ECE,

Sri Manakula Vinayagar Engineering College.



Dr. S. Ganesh Kumaran,

Associate Professor,
Department of EEE,

Sri Manakula Vinayagar Engineering College.

11

11/11/11

11/11/11



**SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE**

An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107



INTERNAL QUALITY ASSURANCE CELL

ACADEMIC AND ADMINISTRATIVE AUDIT

SCHOOL OF ARCHITECTURE



ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2023-2024)

INTERNAL AUDIT

SECTION -1: BASIC INFORMATION

Audit Date	09.04.2024	
Name of the Department	School of Architecture	
Year of Establishment	2017	
Programs Offered	Name of the Program	Approved Intake
	B.Arch. (Bachelor of Architecture)	40
Principal	Prof.Ar.S. Manoharan	
Number of full time Teachers	Professor	2
	Associate Professor	3
	Assistant Professor	10
Number of Technical Staff	1	
Number of Students	For B.Arch.:	
	Year	Strength
	First Year	19
	Second Year	26
	Third Year	16
	Fourth Year	25
	Fifth Year	24
Total	110	
Faculty Student Ratio	1:10	

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)	Yes	
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	Prof.Ar.S.Manoharan	Chairman	-	-
2	Ar.R.Ragavendra	Committee member	Architectural Studios	All Years /Sem.
3	Ar.T.Mugesh	Committee member	Professional electives	All Years /Sem.
4	Ar.B.Kanimozhi	Committee member	Theory cum studio	All Years /Sem.
5	Ar.G.Venkatramanan	Committee member	Theory	All Years /Sem.
6	Ar.S.Adithyan	Committee member	Theory	All Years /Sem.
7	Ar.Poornima	Committee member	Theory	All Years /Sem.
8	Ar.S.Harshini	Committee member	Theory	All Years /Sem.
9	Ar.N.Syed Tajudeen	Committee member	Theory	All Years /Sem.

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	Vernacular Architecture	U20EL0501	16
2	IV / VII	Architectural Conservation	U20EL0711	25
3	IV / VII	Sustainable Architecture and Planning	U20EL0713	25
4	V / X	Earthquake Resistant Architecture	ARE18	24

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
01	I/I	Communication English	U23TS0102	19
02	I/I	Fundamental Arts Studio	U23ST0103	19
03	I/I	Fundamental Design Studio	U23ST0105	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
01	III/V	Photogrammetry	-	16
02	IV/VII	Photogrammetry	-	25

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				

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: Odd Sem (I, III, V, VII & X Sem)

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.	Mathematics / U20TH0100	Ms.Revathy	45	45	45
2.	Introduction to Architecture / U23TH0101	Ar.Poornima	45	45	45
3.	Communication English / U23TS0102	Dr..Jayachitra	60	60	60
4.	Fundamental Arts Studio / U23ST0103	Ar.S.Adithyan	90	90	90
5.	Introduction to Graphics / U23ST0104	Ar.Poornima	75	75	75
6.	Fundamental Design Studio / U23ST0105	Ar.S.Harshini	180	180	180
7.	Mechanics of Structures – II / U20TH0312	Ms.Kalyani	45	45	45
8.	History of Architecture and Culture - II U20TH0313	Ar.Poornima	45	45	45
9.	Site Survey and Planning / U20TS0314	Ar.G.Venkatramanan	60	60	60
10.	Climate and Built Environment U20TS0315	Ar.S.Harshini	60	60	60
11.	Building Materials & Construction – II / U20ST0316	Ar.R.Ragavendira	75	75	75
12.	Architectural Design Studio – II / U20ST0317	Ar.N.Syed Tajudeen	210	210	210
13.	Design of Structures-II / U20TH0524	Ms.G.Yamuna	45	45	45
14.	History of Architecture and Culture - III U20TH0525	Ar.B.Kanimozhi	45	45	45
15.	Vernacular Architecture / U20 EL0501	Ar.S.Harshini	45	45	45
16.	Building Services – II / U20TS0526	Ar.B.Kanimozhi	60	60	60
17.	Building Materials and Construction-IV	Ar.G.Venkatramanan	75	75	75
18.	Architectural Design Studio – IV / U20ST0528	Ar.S.Adithyan	210	210	210
19.	Professional Practice and Ethics / U20TH0733	Ar.T.Mugesh	45	45	45
20.	Landscape and Ecology / U20TH0734	Ar.S.Adithyan	45	45	45
21.	Architectural Conservation / U20EL0711	Ar.N.Syed Tajudeen	45	45	45
22.	Sustainable Architecture and Planning / U20EL0713	Ar.R.Ragavendira	45	45	45
23.	Building Services-III / U20TS0735	Ar.T.Mugesh	60	60	60

24.	Architectural Design Studio-VI / U20ST0736	Ar.B.Kanimozhiu	210	210	210
25.	Earthquake Resistant Architecture / ARE18	Ar.T.Mugesh	45	45	45
26.	Architectural Thesis / ARPW1	Ar.R.Ragavendira	450	450	450

3.2 Use of ICT Tools in Teaching Learning Semester: Odd and Even Semester

S. No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1.	Ar.T.Mugesh	Professional Practice and Ethics / U20TH0733	
2.	Ar.S.Adithyan	Landscape and Ecology / U20TH0734	
3.	Ar.Syed Tajudeen	Architectural Conservation / U20EL0711	
4.	Ar.R.Ragavendira	Sustainable Architecture and Planning / U20EL0713	
5.	Ar.G.Venkatramanan	Site Survey and Planning / U20TS0314	
6.	Ar.R.Poornima	History of Architecture and Planning -II / U20TH0313	

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
1.	Bamboo workshop	Ar.Maheeswaran, Costford.	1.11.2023	19
2.	Workshop on design thinking	Ar.Gayathri,	6.11.2023	20
3.	Photogrammetry workshop	Ar.Jayaganthan & Ar.Narasimman.R	21.12.2023- 22.12.2023	50
4.	Architectural sketching workshop	Mr.Vadivel	22.09.23 - 23.09.23	26
5.	Model making workshop	Mr.Chithiraivel	20.07.2023- 22.07.2023	26

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	Communication English	Dr..Jayachitra	Yes	2	Yes
2	Mechanics of Structures – II	Ms.Kalyani	Yes	3	Yes
3	Climate and Built Environment	Ar.S.Harshini	Yes	3	Yes
4	Architectural Conservation	Ar.N.Syed Tajudeen	Yes	2	Yes

3.5 Counseling and Mentoring

S. No	Particular	Yes / No	Remarks (if any)
1	Mentor allocation	Yes	-

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor: Mentee Ratio
110	15	1:10

3.6 Internal Evaluation Systems

S. No	Particular	Yes / No	Remarks (if any)
1	Continuous Assessment Test Record	Yes	
2	Seminar	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, CO are well stated	Yes	
2	Correlation of COs and POs for each Course	Yes	
3	Course Outcome Attainment Calculated	Yes	
4	PO attainment through CO	Yes	

3.8 Student Performance in End Semester Examination

Sr. No	Particular	B. Arch				
		I Yr	II Yr	III Yr	IV Yr	V Yr
1	Number of Students appeared	19	26	16	25	24
2	Number of All Clear Students	19	22	14	25	24
3	Number of Students passed with Distinction	07	06	03	08	05
4	Number of Students passed with First Class	12	17	11	17	19
5	Number of Students passed with Second Class	0	01	0	0	0
6	Number of Students Failed	0	03	02	0	0
7	Passing Percentage	100	88	87.5	100	100

SECTION – IV: STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning	Yes	-	-

	conducted with action taken report			
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes	-	-
3	Student Exit Survey conducted and analyzed	Yes	-	-
4	Alumni Feedback conducted and analyzed	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 (2022-23)

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 Factor
1	2019-20	-	-	-	-	-
2	2020-21	2	-	-	-	-
3	2021-22	-	-	-	-	-
4	2022-23	2	-	-	-	-

Publication Details for Academic Year consider for Auditing (2022-23)

Number of Publication in National Journals	2
Number of Publication in International Journals	-
Number of Publication in National Conferences	-
Number of Publication in International Conferences	-
Number of Books / Book Chapters	1
Number of Patent (Filed)	-
Number of Patents Granted	-

National Journal:

S.No	Title of the Paper	Name of the Authors	Name of the Journal	ISBN / ISSN
1	Architecture as an organic entity	AR.R.RAGAVENDIRA , Associate professor	International research journal of Engineering and technology	2395-0072
2.	Historic landscape, cultural resource and Shared Heritage: the study of Pulicat	AR.N.SYED TAJUDEEN , Assistant professor	International journal of engineering development and research	2321-9939

International Journal:(2022-23)

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
1	Knowledge system linkage of Pulicate lagoon and resilience to disaster : study of pulicat	AR.N.SYED TAJUDEEN , Assistant professor	75 shades of heritage	75 shades of heritage		School of planning and architecture , Bhopal

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	Estimation, Quantity surveying for architects and civil engineers	Ar.,R.Ragavendra	978-93-5577-837-6	Charulatha Publications

Patent

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

Industrial Visits

S.No	Name of the Industry / Company / Research Institute	Date of Visit	Target Audience	Number of Students Participated
1	Idaiyangudi village(Rural design studio)	16.11.2023	26	26
2	IIM Bangalore	20.10.2023	25	25
3	Dhakshinchithra, Chennai	04.11.2023	20	19
4	Mamallapuram Outdoor sketching	04.11.2023	19	19
5	Lulu mall, Cochin	20.10.2023 21.10.2023	16	16

6.3 Functional Memorandum of Understanding (MoU)

S.No	Name of the Industry / Company / Research Institute	Date of Commencement	Purpose	Duration
1.	Le Design Studio	06/06/2022	Placement	3 years
2.	SREE RAGAVENDRA CONSTRUCTIONS	08/06/2022	Placement	3 years
3.	Attic studios	12/06/2022	Placement	3 years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	6
Number of Students opted Higher Studies	3
Number of Entrepreneur	-

7.1 Placements

S.No	Name of the Student	Name of the Company	Salary Package (per annum)
1.	Mahesh	Nikken Skkei , Dubai	24,00,000
2.	Kishore .P	Rikada Lighting ,Dubai	24,00,000
3.	Swetha.G	MAD Architects ,Pondicherry	2,50,000
4.	Sathya .R	Ovoid Atlier ,Auroville	2,50,000
5.	Felcy Agnes Mary	RDX Architects and Consultants, Chennai	2,50,000
6.	Manoj Prabakar	L' Atelier Design ,Pondicherry	2,50,000

7.2 Higher Studies

S.No	Name of the Student	Name of the Institution	Name of Program admitted
1	Yazhini.M	SPA,Vijayawada	M.Arch
2	Yogashree.I	Hindustan University ,Chennai	M.Arch
3	Harishanthana .U.S	MIDAS ,Chennai	M.Arch

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	Photogrammetry Workshop	Heritage club Department	21.12.2023-22.12.2023	State	50

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

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				

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

S. No	Name of the Faculty	Members of Committees at University Level / State Level / National Level / International Level as
1	Ar.R.Poornima	• Mentor Bureau of Indian Standards

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

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

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

S. No	Name of the Faculty	Name of Awards / Recognition
1	Ar.R.Ragavendra	India Designer Award

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

Sl. No.	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Duration (Days)
1	Ar.B.Kanimozhi	International studies in Vernacular Architecture	Aug – Sep 23 (4 Weeks)
2	Ar.R.Poornima	Cites and Climate change NIT Patna International Workshop	17.07.23 – 21.07.23 (5days)
3	Ar.B.Kanimozhi	International studies in Vernacular Architecture	Aug – Sep 23 (4 Weeks)
4	Ar.S.Harshini	Cites and Climate change NIT Patna International Workshop	5days
5	Ar.B.Kanimozhi	International studies in Vernacular Architecture	Aug – Sep 23 (4 Weeks)
6	Ar.N.Syed Tajudeen	75 shades of Heritage	29.09.2023- 01.10.2023 (3 Days)

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:

Section	Remarks
Section - 2: Curricular Aspects	All documents submitted for the curriculum are verified
Section - 3: Teaching, Learning and Evaluation	All the expert lecture / workshop conducted need to prepare in Report Format
Section - 5: Research, Innovation and Publications	Need to focus on Research Grant, Consultancy Works and Patent
Section -8: Activity Conducted/ Organized by the Department	Encourage faculty members to engage in additional activities such as like, Resource Person, Reviewer in Conference and Journals.
Section - 9: Achievements	All files and documents related to achievements are verified.
General Remarks	All documents are present, and it is suggested to incorporate the above-mentioned details. Overall, it's commendable.

Signature of the Internal Academic Audit Experts



Dr. J. Pradeep,

Associate Professor,
Department of ECE,

Sri Manakula Vinayagar Engineering College.



Dr. S. Ganesh Kumaran,

Associate Professor,
Department of EEE,

Sri Manakula Vinayagar Engineering College.

ADRIAN J. P.



**SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE**

An Autonomous Institution,
Accredited by NAAC with 'A' grade
Puducherry - 605 107



INTERNAL QUALITY ASSURANCE CELL

ACADEMIC AND ADMINISTRATIVE AUDIT

MASTER OF COMPUTER APPLICATIONS



ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2023-2024)

Internal Audit

SECTION -1 : BASIC INFORMATION

Audit Date	09/04/2024		
Name of the Department	Master of Computer Applications		
Year of Establishment	2002		
Programs Offered	Name of the Program	Approved Intake	
	P. G Program - MCA	180	
Head of the Department	Mr.R.Ramakrishnan		
Number of full time Teachers	Professor	02	
	Associate Professor	07	
	Assistant Professor	11	
Number of Technical Staff	01		
Number of Students	For MCA:		
	Year	Strength	
	First Year	155	
	Second Year	116	
	Total	271	
Faculty Student Ratio	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 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.A.Ramalingam	Department -In charge	PG-MCA	I,II year
2.	Mr.R.Ramakrishnan	Department -In charge	PG-MCA	I,II year
3.	Dr.T.Amalraj Victoire	Department -In charge	PG-MCA	I,II year
4.	Mrs.M.Vasuki	Department -In charge	PG-MCA	I,II year
5.	Dr.A.Karunamurthy	Department -In charge	PG-MCA	I,II year
6.	Mr.V.Udayakumar	Department -In charge	PG-MCA	I,II year

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 /Sep(2023-Dec 2023)/Batch(2022-24)/ 3 sem				
1	II/111	Professional Elective-2: Data science in big data	P20MCE301	116

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
Dec2023 – Feb2024(ODD)				
1	Batch(2023-25)/I/I	Skill enhancement course I(English)	P23ENS101	155
2	Batch(2023-25)/I/I	Skill enhancement course I} (Aptitude)	P23MCS104	155

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	Advanced python programming	P20MCC112	155
2	II/III	CCNA (Routing And Switching)	P20MCC307	116

Mandatory Courses offered by the department

S.No	Year / Sem	Name of the Mandatory Course	Course Code	Number of Students Registered
-NIL-				

SECTION –3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

I Semester : (Dec2023 – Feb2024) /Batch(2023-225)/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	Mr.V.Vasanth.	60	60	60

2	Problem solving using C/P23MCT101	Ms.A.Angayarkanni	45	45	45
3	Advanced data base management systems/P23MCT102	Mr.S.Senthilkumar	45	45	45
4	Advanced operating systems/P23MCT103	Mrs.A.Indhumathi	45	45	45
5	Accounting and financial management/P23MST115	Mrs.M.Angelamary	45	45	45
PRACTICAL					
6	Advanced C Programming Lab/P23MCP101	Ms.J.Sangeetha, Ms.A.Gayathri Ms.S.Nandhini, Ms.A.Angayarkanni	40	40	40
7	Advanced database management systems Lab/P23MCP102	Mr.V.Udhayakumar,E .Purusothaman Ms.S.Sumathy, S.Senthil kumar	40	40	40
8	Operating systems Lab/P23MCP103	Mr.E.Subash, A.Gayathri /Ms.S.Nandhini, Mrs.A.Indhumathi	40	40	40

I Semester : (Dec2023 – Feb2024) /Batch(2023-225)/B

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Mathematical foundation of computer Applications/P23MAT107	Mr.V.Vasanth.	60	60	60
2	Problem solving using C/P23MCT101	Ms.D.Poornima	45	45	45
3	Advanced data base management systems/P23MCT102	Ms.S.Sumathy	45	45	45
4	Advanced operating systems/P23MCT103	A.Thoufeek ahamed	45	45	45
5	Accounting and financial management/P23MST115	Mrs.R.Sureka	45	45	45
PRACTICAL					
6	Advanced C Programming Lab/P23MCP101	Ms.S.Sumathy Ms.D.Poornima Mrs.A.Indhumathi S.Senthil kumar	40	40	40
7	Advanced database management systems Lab/P23MCP102	Mr.E.Subash, Ms.S.Sumathy, Ms.J.Sangeetha, A.Thoufeek ahamed	40	40	40
8	Operating systems Lab/P23MCP103	k.Karthikeyan A.Thoufeek ahamed Ms.A.Angayarkanni Ms.D.Poornima	40	40	40

III Semester : (Sep2023 – Dec 2023)/Batch(2022-24)/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	Machine Learning/ P20MCT301	Mr.P.Rajapandian	45	45	45
2	Agile Software Development and Testing/ P20MCT302	Mr. E.Purusothaman	45	45	45
3	C# and .Net/ P20MCT303	Mr.E.Subash	45	45	45
4	Mobile Application Development/ P20MCT304	Dr.A.Karunamurthy	45	45	45
5	Professional Elective-2:Data science in big data/ P20MCE301	Mrs. A.Gayathri	45	45	45
PRACTICAL					
6	C# and .Net Lab/ P20MCP301	Mr. R. Ramakrishnan Dr.T.Amalraj Victoire Dr.A.Ramalingam	40	40	40
7	Mobile Application Development Lab/ P20MCP302	Mr. R. Ramakrishnan Mrs.M.Vasuki Dr.A.Karunamurthy Mr.V.Udhayakumar	40	40	40
8	Mini Project/ P20MCP303	Dr.A.Ramalingam Mr. R. Ramakrishnan	40	40	40

III Semester : (Sep2023 – Dec 2023)/Batch(2022-24)/B

S.No	Name of the Course / Code	Name of the Faculty	No. of Lectures / Practical hours as per syllabus	No. of Lectures / Practical hours as per Lesson Plan	No. of Lectures / Practical hours conducted
1	Machine Learning/ P20MCT301	Mr.V.Udhayakumar	45	45	45
2	Agile Software Development and Testing/ P20MCT302	Mr.k.Karthikeyan	45	45	45
3	C# and .Net/ P20MCT303	Ms.J.Sangeetha	45	45	45
4	Mobile Application Development/ P20MCT304	Ms.S.Sumathy	45	45	45
5	Professional Elective-2:Data science in big data/ P20MCE301	Ms.S.Nandhini	45	45	45
PRACTICAL					
6	C# and .Net Lab/ P20MCP301	Mrs.M.Vasuki Mr.P.Rajapandian Dr.A.Karunamurthy	40	40	40
7	Mobile Application Development Lab/ P20MCP302	Mr.V.Udhayakumar Mr.P.Rajapandian Ms.S.Sumathy Mr. E.Purusothaman	40	40	40
8	Mini Project/ P20MCP303	Dr.T.Amalraj victoire Mrs.M.Vasuki	40	40	40

3.2 Use of ICT Tools in Teaching Learning

Semester: I sem Batch(23-25) A&B / III sem Batch(22-24) A&B

S.No	Name of the Faculty	Name of the Course for which ICT used	ICT Tool / Technique Used
1	Mr.V.Vasanth.	Mathematical foundation of computer Applications/P23MAT107	PPT/Lecture Videos, Digital writing Board
2	Ms.A.Angayarkanni/ Mrs.D.Poornima	Problem solving using C/P23MCT101	PPT/Lecture Videos
3	Mr.S.Senthilkumar/ Ms.S.Sumathy	Advanced data base management systems/P23MCT102	PPT/Lecture Videos
4	A.Thoufeek ahamed/ Mrs.A.Indhumathy	Advanced operating systems/P23MCT103	PPT/Lecture Videos, Digital writing Board
5	Mrs.M.Angelamary/ Mrs.R.Sureka	Accounting and financial management/P23MST115	PPT/Lecture Videos, Digital writing Board
6	Mr.P.Rajapandian/ Mr.V.Udhayakumar	Machine Learning/ P20MCT301	PPT/Lecture Videos
7	Mr. E.Purusothaman/ Mr.k.Karthikeyan	Agile Software Development and Testing/ P20MCT302	PPT/Lecture Videos
8	Ms.J.Sangeetha/ Mr.E.Subash,	C# and .Net/ P20MCT303	PPT/Lecture Videos, Digital writing Board
9	Dr.A.Karunamurthy/ Mrs.S.Sumathy	Mobile Application Development/ P20MCT304	PPT/Lecture Videos, Digital writing Board
10	Ms.A.Gayathri/ Ms.S.Nandhini	Professional Elective-2:Data science in big data/ P20MCE301	PPT/Lecture Videos

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audience
Expert Lectures				
1	Latest Technology in industry	John de Brito.R, Testing engineer, TCS	04/08/23	155
2	JQuery ,NOSQL,MangoDB	Mr. Mohan Kumar, Technical Lead, HCL Technologies, Navalur, Chennai	08/09/23	116
3	Data Science	Dr.BehinSam, PG & Research Dept of Computer Science Dr.Ambedcar Arts College, Autonomous / Chennai	3/11/23	116
Workshop				
1	Introduction of python and R Tool	Nirmalaeswaran.P Director & Co founder , RED FOX Education.	7/8/2023	116

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)
ODD / (Dec 2023 – May 2024) I Year / I Sem 2023-2025					
1	Mathematical foundation of computer Applications/P23MAT107	Mr.V.Vasanth.	Yes	3	Yes
2	Problem solving using C/P23MCT101	Ms.A.Angayarkanni/ Mrs.D.Poornima	Yes	2	Yes
3	Advanced data base management systems/P23MCT102	Mr.S.Senthilkumar/ Ms.S.Sumathy	Yes	2	Yes
4	Advanced operating systems/P23MCT103	A.Thoufeek ahamed/ Mrs.A.Indhumathy	Yes	2	Yes
5	Accounting and financial management/P23MST115	Mrs.M.Angelamary/ Mrs.R.Sureka	Yes	3	Yes
II year / III Sem/Batch (2022-2024)					
1	Machine Learning/ P20MCT301	Mr.P.Rajapandian/ Mr.V.Udhayakumar	Yes	3	Yes
2	Agile Software Development and Testing/ P20MCT302	Mr. E.Purusothaman/ Mr.k.Karthikeyan	Yes	2	Yes
3	C# and .Net/ P20MCT303	Ms.J.Sangeetha/ Mr.E.Subash,	Yes	2	Yes
4	Mobile Application Development/ P20MCT304	Dr.A.Karunamurthy/ Mrs.S.Sumathy	Yes	2	Yes
5	Professional Elective-2:Data science in big data/ P20MCE301	Ms.A.Gayathri/ Ms.S.Nandhini	Yes	2	Yes

3.5 Counseling and Mentoring

S.No	Particular	Yes / No	Remarks (if any)
1	Mentor Allocation	Yes	-
2	Class wise student Profile Record Maintained	Yes	-
3	Mentor – Mentee Session Record Maintained	Yes	-

No. of Students in Department	Number of Full Time Teachers in the Department	Mentor : Mentee Ratio
271	20	1:14

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	-
4	PSO and PO attainment through CO	Yes	-

3.8 Student Performance in End Semester Examination Semester

Sr. No	Particular	MCA
1	Number of Students appeared	117
2	Number of All Clear Students	117
3	Number of Students passed with Distinction	72
4	Number of Students passed with First Class	40
5	Number of Students passed with Second Class	05
6	Number of Students Failed	-
7	Passing Percentage	100%

SECTION – IV : STRUCTURED FEEDBACK

S.No	Particular	Yes / No	Number of Feedback Collected	Remarks (if any)
1	Student Feedback on Teaching and Learning conducted with action taken report	Yes	100	-
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

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-					

5.1 Consultancy Works

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

5.2 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.	2019-2020	4	1	-	1	-
2.	2020-2021	8	2	-	-	-
3.	2021-2022	3	-	-	-	-
4.	2022-2023	4	1	-	-	-
5.	2023-2024	8	-	-	-	8.17

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	Nil
Number of Publication in International Journals	08
Number of Publication in National Conferences	Nil
Number of Publication in International Conferences	07
Number of Books / Book Chapters	01
Number of Patent (Filed)	NIL
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.	The future of cryptography and encryption techniques	R.Ramakrishnan	IJSREM	2582-3930, Volume 07 issue 07 July, 2023	-
2.	Novelty Algorithm For Climate Change Mitigation And Adaptation: Dynamic Carbon Pricing With Ai-Driven Emissions Forecasting	Dr.A. Karunamurthy, K. Sackthivel, T. Karthikeyan,	Madhya Bharti	0974-0066	UGC
3.	A Survey On Cyber Security Threats And Its Impact On Society	T. Amalraj Victoire1, M. Vasuki, A. Karunamurthy, D. Soundarya, S. Sarumathi	International Journal Of Research In Engineering, Science And Management	2581-5792	Peer Review Journal
4.	Remote Blood Pressure Monitoring System For Enhanced Care Of Elderly And Bedridden Individuals Using Wireless Sensors And	M.Vasuki 1, T. Amalraj Victoire2, A. Karunamurthy3, C. Lakshmi 4	International Journal Of Innovative Research In Technology	2349-6002	Peer-Review Journal

5.	Overview Of Quantum Computing In Quantum Neural Network And Artificial Intelligence”	R. Ramakrishnan, M Dr. A. Karunamurthy.Vasuki, G. Prathiba	International Journal Of Innovative Research In Science And Engineering”	2583-3871	Peer-Review Journal
6.	“Impact Of Artificial Intelligence On Healthcare: A Review Of Current Applications And Future Possibilities”	Dr. A. Ramalingam, Dr. A. Karunamurthy, Dr. T. Amalraj Victoire, B. Pavithra,	International Journal Of Innovative Research In Science And Engineering”	2583-3871	Peer-Review Journal
7.	Dynamic synchronous Transfer Mode:An overview of Real time data Transfer protocol	M.Vasuki A. Karunamurthy K.Mughilan	International Journal Of Innovative Research In Science And Engineering”	2582-3930	Peer-Review Journal
8.	An overview of cloudsecurity:scope, services and Risks	M.Vasuki A. Karunamurthy Dr. T. Amalraj Victoire Praveen	International Journal Of Innovative Research In Science And Engineering”	2319-9288	Peer-Review Journal

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.	Exploring machine learning and deep learning concepts, architectures, applications, and future frontiers	Dr.A.karunamurthy M,Vasuki, Dr.T.Aamalraj vectorie	International conference on recent advances in sciences, technology engineering, management and social science(RASTE MS)-	06-10-23 to 08-10-23	978-81-966001-4-3	New research and innovation Society
2.	Enhanced Security Measures for Cloud Data Dual Access Control Solutions	A. Karunamurthy, V.Udhayakumar, Elamathi.S, Hemavarshini.B	International conference on computer science and mathematics-2023	29-12-23 to 31-12-23	978-81-968875-5-1	New Rains Publications, Chennai, India
3.	Navigating the Cybersecurity Landscape Exploring Advances,Challenges and Opportunities in	R.Ramakrishnan, Gauthamkrishna.S, Kiruthivasan.R	International conference on computer science and mathematics-2023	29-12-23 to 31-12-23	978-81-968875-5-1	New Rains Publications, Chennai, India

	Intelligence Research					
4.	Empowering Computer Science Education: A Case Study On Cs Learning Tool Projects In A Senior-Level Software Engineering Course	Rajapandian. P, Dhannilavan.D, Praveenraj .S	International conference on computer science and mathematics-2023	29-12-23 to 31-12-23	978-81-968875-5-1	New Rains Publications, Chennai, India
5.	Enhancing User Experience: A Machine Learning Approach to Advanced Ad-Blocking Solutions	V.Udhayakumar, A.Karunamurthy, S .John paul , E.Karthikeyan	International conference on computer science and mathematics-2023	29-12-23 to 31-12-23	978-81-968875-5-1	New Rains Publications, Chennai, India
6.	Virtual Classroom	M.Vasuki, T.Amalraj victoire, M.Arulprakash, R.Chandramouli	International conference on computer science and mathematics-2023	29-12-23 to 31-12-23	978-81-968875-5-1	New Rains Publications, Chennai, India
7.	Accessibility Solutions for Partial Blindness: Utilizing Webcam Technology and Voice Feedback for Object Identification	T. Amalraj Victoire, James Vasanth Victor.J, KarthikaSree.S	International conference on computer science and mathematics-2023	29-12-23 to 31-12-23	978-81-968875-5-1	New Rains Publications, Chennai, India

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Mobile Application Development	Dr.A.Karunamurthy, MR.V.Udayakumar	978-9357477789	IIP Iterative international publisher

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.	Shivasuriya.S	ZOHO	6 months	4/9/23	4/5/24

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	Hattussa IT Solutions	03/07/2023	To give industry oriented skill training	5 years

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	15
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.	Shalini.J	Hattussa IT Solutions	1.2 Lakhs/Annum
2.	Sujithra.R	Hattussa IT Solutions	1.2 Lakhs/Annum
3.	Joice niranjalini.A	Hattussa IT Solutions	1.2 Lakhs/Annum
4.	Yuvanesh.D	Hattussa IT Solutions	1.2 Lakhs/Annum
5.	Badhri narayanan.s	Hattussa IT Solutions	1.2 Lakhs/Annum
6.	Aravindhan.A	Hattussa IT Solutions	1.2 Lakhs/Annum
7.	Ajay manjunath.c	TCS Digital	7.3 Lakhs/Annum
8.	Mohana Krishnan.N	TCS Digital	7.3 Lakhs/Annum
9.	Swetha Sri.M	TCS Ninja	3.36 Lakhs/Annum
10.	Priyadarshini.k	TCS Ninja	3.36 Lakhs/Annum
11.	Srigayathri.s	TCS Ninja	3.36 Lakhs/Annum
12.	Piradeesh.c	TCS Ninja	3.36 Lakhs/Annum
13.	Vignesh.N	TCS Ninja	3.36 Lakhs/Annum
14.	Ilamathi.S	ACCENTURE	4.5 Lakhs/Annum
15.	Shivasurya.S	ZOHO	5.6 Lakhs/Annum

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

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	Badhri Narayanan , Kalidhas , Shei kMohamed ashig	BUGBOT(coding event AT 01/04/2023)	Second Southern Regional Conclave of students' Chapter	1st Prize
2	Susidaran.G	Silambam	5 thNational level Tournament (silambam india association)	1st Prize Gold

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
2.	Mr. R. Ramakrishnan	ISTE
3.	Dr. A. Ramalingam	IAENG
4.	Dr. A. Ramalingam	CSI
5.	Mr. R. Ramakrishnan	CSI
6.	Dr. T. Amalraj Victoire	CSI
7.	Dr.A. Karunamurthy	CSI
8.	Dr.A. Karunamurthy	IAENG
9.	Mrs.M. Vasuki	CSI
10.	Mr.P.Rajapandian	CSI
11.	Mr.P.Rajapandian	CSTA
12.	Mr.P.Rajapandian	IAENG
13.	Mr.P.Rajapandian	IACSIT
14.	V.Udhayakumar	CSI
15.	V.Udhayakumar	ISTE

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

S.No	Name of the Faculty	Name of Editorial Boards / Conferences
1.	Dr.T.Amalraj victoire	Technical committee/COMAT 2023(International conference on Computer science and Mathematics-2023)
2.	M.Vasuki	
3.	Mr.P.Rajapandian	
4.	Dr.A.karunamurthy	
5.	Dr.A.Ramalingam	
6.	Dr.A.karunamurthy	RASTEMS 2023 /Technical committee / International conference./oct 23/online
7.	R.Ramakrishnan	
8.	Dr.T.Amalraj victoire	
9.	M.Vasuki	
10.	Mr.P.Rajapandian	
11.	Dr.T.Amalraj victoire	
12.	V.Udhayakumar,	

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

S.No	Name of the Faculty	Name of Awards / Recognition
NIL		

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

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1.	Mr.P.Rajapandian	Cloud Infrastructure(AWS)	AICTE	21/08/23 to 25/08/23
2.	R.Ramakrishnan	Cloud Infrastructure(AWS)	AICTE	21/08/23 to 25/08/23
3.	Dr.T.Amalraj victoire	Cloud Infrastructure(AWS)	AICTE	21/08/23 to 25/08/23
4.	M.Vasuki	Cloud Infrastructure(AWS)	AICTE	21/08/23 to 25/08/23
5.	V.Udhayakumar,	Cloud Infrastructure(AWS)	AICTE	21/08/23 to 25/08/23
6.	Dr.A.karunamurthy	Cloud Infrastructure(AWS)	AICTE	21/08/23 to 25/08/23
7.	Mr.P.Rajapandian	Advancements in instrumentation engineering through Artificial intelligence: challenges and opportunities.	DST SERB/ ICE/ SMVEC	24/01/24 to 25/01/24
8.	Mr.P.Rajapandian	Research paper writing and publishing in high impact journals	R&D/ECE/ SMVEC	25/09/23
9.	R.Ramakrishnan	Research paper writing and publishing in high impact journals	R&D/ECE/ SMVEC	25/09/23
10.	Dr.T.Amalraj victoire	Research paper writing and publishing in high impact journals	R&D/ECE/ SMVEC	25/09/23

11.	M.Vasuki	Research paper writing and publishing in high impact journals	R&D/ECE/ SMVEC	25/09/23
12.	V.Udhayakumar,	Research paper writing and publishing in high impact journals	R&D/ECE/ SMVEC	25/09/23
13.	Dr.A.karunamurthy	Research paper writing and publishing in high impact journals	R&D/ECE/ SMVEC	25/09/23

Declaration by HoD

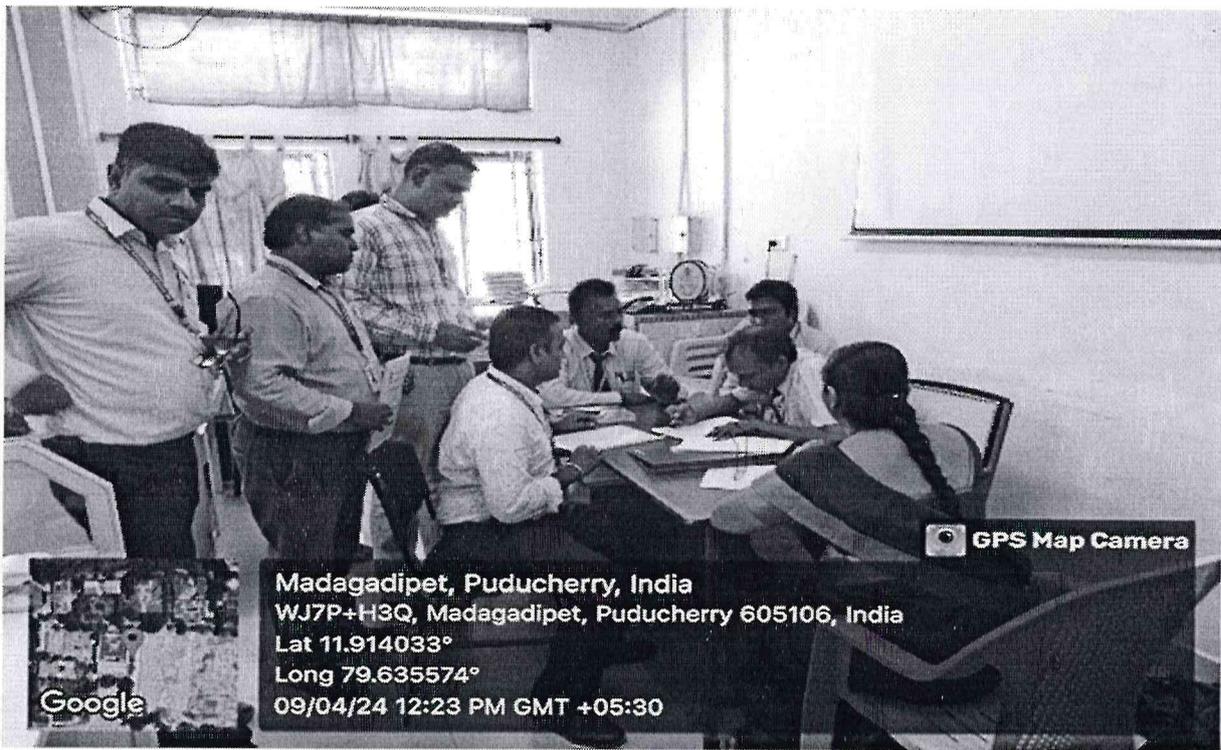
I am aware that the above information provided by the department will be validated by the Academic and Administrative Audit (AAA) committee during the visit



Head of the Department
[R. RAMAKRISHNAN]

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	Priorities given to Journal publication and Research Projects
Collaborations and Linkages	Concentrate on Industrial Projects
Student Progression	All relevant documents are verified
Activity Conducted / Organized by the Department	A minimum of 2 Programme per semester to be conducted
Achievements	Concentrate more in student participation in various events
General Remarks	All the documents are arranged properly and maintained



AAA Internal Audit conducted by Dr. M.Ganesan , Associate Professor from CSE department and Dr.L.Martin,Associate Professor from Mechanical department on 09/04/2024

Signature of the Internal Academic Audit Experts

M. Ganesan

Dr. M.Ganesan
Associate Professor,
Department of Computer science and
Engineering, SMVEC

L. Martin
12/04/24

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

10-22-1

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**SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE**

An Autonomous Institution.
Accredited by NAAC with 'A' grade
Puducherry - 605 107



INTERNAL QUALITY ASSURANCE CELL

ACADEMIC AND ADMINISTRATIVE AUDIT

DEPARTMENT OF MANAGEMENT STUDIES



ACADEMIC AND ADMINISTRATIVE AUDIT

(Academic Year 2023-2024)

Internal Audit

SECTION -1: BASIC INFORMATION

Audit Date	09/04/2024	
Name of the Department	Master of Business Administration	
Year of Establishment	2005	
Programs Offered	Name of the Program	
	Approved Intake	
	MBA	180
	Ph.D.	4
Dean and Head of the Department	Dr. D. Saravanan	
Number of full time Teachers	Professor	03
	Associate Professor	03
	Assistant Professor	18
Number of Technical Staff		
Number of Students	MBA	
	Year	Strength
	First Year	180
	Second Year	178
	Total	358
Faculty Student Ratio	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	Timetable (UG and PG)	Yes	
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.CAILASSAME	Member	MBA	I&II/II & IV
3	Dr.POUGAJENDY	Member	MBA	I&II/II & IV
4	Dr.ELAMURUGAN	Member	CSBS	III/IV
5	Dr.SIVAKUMAR	Member	AIDS	II/IV
6	Dr.VINOTH	Member	MBA	I&II/II & IV
7	Mr.T.CHANDRAMOHAN	Member	FT	II/IV
8	Mr.ANBARASAN	Member	MBA	I&II/II & IV
9	Ms.VISALAKSHI	Member	MBA	I&II/II & IV
10	JANAKIRAMA	Member	MBA	I&II/II & IV
11	Mr.MATHIAZHAGAN	Member	MBA	I&II/II & 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 Students Registered
Applied Elective				
1	II/III	Finance Analytics	P20MST303	101
2	II/III	HR Analytics	P20MST304	61
3	II/III	Marketing Analytics	P20MST305	16
Functional Elective				
1	II/III	Financial Services Management	P20MSEF02	112
2	II/III	Indian Financial System	P20MSEF03	149
3	II/III	Training And Development	P20MSEH02	66
4	II/III	Industrial Relations and Labour Legislation	P20MSEH03	129
5	II/III	Integrated Marketing Communications	P20MSEM05	78

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	P20MSP307	178
2	II/III	Selling and Negotiation Skills	P20MSP308	178
3	I/I	Business Communication Lab	P23ENP108	180
4	I/I	Data Analytics Lab	P23MSP109	180

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	180
2	II/III	Microsoft Power Platform Fundamentals	P20MSC313	178

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				

SECTION -3: TEACHING, LEARNING AND EVALUATION

3.1 Course Delivery

Semester: I & 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	Organizational Behavior/P23MST101	Mr.A.Mathiazhagan	45	45	53
2	Organizational Behavior/P23MST101	Mrs.M.Janaki rama	45	45	53
3	Organizational Behavior/P23MST101	Mrs.M.Divya	45	45	53
4	Accounting for Management-P23MST102	Ms.S.Visalakshi	60	60	50
5	Accounting for Management-P23MST102	Mrs. M. Angelamary	60	60	50
6	Accounting for Management-P23MST102	Mr.N.Kirubasankar	60	60	50
7	Economics for Business Decisions/P23MST103	Dr.B.Elamurugan	60	60	53
8	Economics for Business Decisions/P23MST103	Dr.A.Vinoth	60	60	48
9	Economics for Business Decisions/P23MST103	Mr.A.Shunmugaraja	60	60	48
10	Business Law/P23MST104	Dr.S.Pougajendy	45	45	52
11	Business Law/P23MST104	Mrs.G.Ramya	45	45	41
12	Business Law/P23MST104	Dr.L.Kavitha	45	45	45
13	Business Statistics/P23MST105	Mr.T.Chandramohan	60	60	47
14	Business Statistics/P23MST105	Ms.S.Deepa	60	60	50
15	Business Statistics/P23MST105	Mr.G.Vengatesan	60	60	50
16	Information Systems for Managers/P23MST106	Dr.R.Sivakumar	30	30	20
17	Information Systems for Managers/P23MST106	Mrs.R.Kumuthavalli Revathy	20	20	20
18	Information Systems for Managers/P23MST106	Mr.G.Vengatesan	20	20	20
19	Business Ethics and Social Responsibility//P23MST107	Dr.G.Balasendhilkumar	20	20	204
20	Business Ethics and Social Responsibility//P23MST107	Mr.R.Anbarasan	20	20	25
21	Business Ethics and Social Responsibility//P23MST107	Mrs.R.Sureka	45	45	45
22	Business Communication Lab/P23ENP108	Dr.D.Jaichitra	30	30	30
23	Data Analytics Lab/P23MSP109	Dr. N.S.N.Cailassame	30	30	30
24	Business Communication Lab/P23ENP108	Dr.D.Jaichitra	30	30	30

25	Data Analytics Lab/P23MSP109	Dr.G.Balasendhilkumar	30	30	30
26	Business Communication Lab/P23ENP108	Dr.D.Jaichitra	30	30	30
27	Data Analytics Lab/P23MSP109	Dr.S.Pougajendy	30	30	30
28	Social Immersion Project/P23MSW110	Mrs.R.Sureka	-	-	-
29	Social Immersion Project/P23MSW110	Mr.T.Chandramohan	-	-	-
30	Social Immersion Project/P23MSW110	Mrs.M.Angelemary	-	-	-
31	Business Policy and Strategic Management-/P20MST301	Dr.R.Sivakumar (A)	30	30	42
32	Business Policy and Strategic Management-/P20MST301	Mr.A.Mathiazhagan (B)	30	30	48
33	Business Policy and Strategic Management-/P20MST301	Dr.A.Vinoth (C)	30	30	46
34	Entrepreneurship/P20MST302	Mr.R.Anbarasan (A)	30	30	47
35	Entrepreneurship/P20MST302	Mrs.R.Kumuthavalli Revathy (C)	30	30	40
36	Entrepreneurship/P20MST302	Ms.S.Deepa (B)	30	30	40
37	Finance Analytics /P20MST303	Mrs. M. Angelamary (B,C)	40	40	55
38	Finance Analytics /P20MST303	Mrs.R.Sureka (A,B)	40	40	55
39	HR Analytics /P20MST304	Dr.B.Elamurugan (A,B,C)	40	40	60
40	Marketing Analytics /P20MST305	Dr. N.S.N.Cailassame(A,B,C)	40	40	55
41	Financial Services and Management/P20MSEF02	Ms.S.Visalakshi (A,B)	40	40	50
42	Financial Services and Management/P20MSEF02	Mr.A.Shunmugaraja (B,C)	40	40	53
43	Integrated Marketing Communications/ P20MSEM05	Mr.T.Chandramohan (A,B,C)	40	40	53
44	Industrial Relations and Labour Legislation/P20MSEH03	Mrs.M.Janaki rama (A,B)	40	40	47
45	Industrial Relations and Labour Legislation/P20MSEH03	Mrs.G.Ramya (B,C)	40	40	49
46	Indian Financial System/P20MSEF03	Mrs.M.Divya	40	40	60
47	Indian Financial System/ P20MSEF03	Mr.N.Kirubasankar	40	40	60
48	Training and Development/P20MSEH02	Mr.C.Sugumar (A,B,C)	40	40	59
49	Selling and Negotiation Skills- P20MSP308	Mr.C.Sugumar	20	20	20

3.2 Use of ICT Tools in Teaching Learning

Semester: I&III

S.No	Name of the Course for which ICT used	Name of the Faculty	ICT Tool / Technique Used
1	Organizational Behavior/P23MST101	Mr.A.Mathiazhagan	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
2	Organizational Behavior/P23MST101	Mrs.M.Janaki rama	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
3	Organizational Behavior/P23MST101	Mrs.M.Divya	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
4	Accounting for Management-P23MST102	Ms.S.Visalakshi	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
5	Accounting for Management-P23MST102	Mrs. M. Angelamary	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
6	Accounting for Management-P23MST102	Mr.N.Kirubasankar	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
7	Economics for Business Decisions/P23MST103	Dr.B.Elamurugan	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
8	Economics for Business Decisions/P23MST103	Dr.A.Vinoth	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
9	Economics for Business Decisions/P23MST103	Mr.A.Shunmugaraja	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
10	Business Law/P23MST104	Dr.S.Pougajendy	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
11	Business Law/P23MST104	Mrs.G.Ramya	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
12	Business Law/P23MST104	Dr.L.Kavitha	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
13	Business Statistics/P23MST105	Mr.T.Chandramohan	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
14	Business Statistics/P23MST105	Ms.S.Deepa	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
15	Business Statistics/P23MST105	Mr.G.Vengatesan	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
16	Information Systems for Managers/P23MST106	Dr.R.Sivakumar	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
17	Information Systems for Managers/P23MST106	Mrs.R.Kumuthavalli Revathy	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
18	Information Systems for Managers/P23MST106	Mr.G.Vengatesan	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
19	Business Ethics and Social Responsibility//P23MST107	Dr.G.Balasendhilkumar	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
20	Business Ethics and Social Responsibility//P23MST107	Mr.R.Anbarasan	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
21	Business Ethics and Social Responsibility//P23MST107	Mrs.R.Sureka	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
22	Business Communication Lab/P23ENP108	Dr.D.Jaichitra	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
23	Data Analytics Lab/P23MSP109	Dr. N.S.N.Cailassame	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
24	Business Communication Lab/P23ENP108	Dr.D.Jaichitra	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
25	Data Analytics Lab/P23MSP109	Dr.G.Balasendhilkumar	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
26	Business Communication Lab/P23ENP108	Dr.D.Jaichitra	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
27	Data Analytics Lab/P23MSP109	Dr.S.Pougajendy	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
28	Social Immersion Project/P23MSW110	Mrs.R.Sureka	NPTEL Videos, Video Lecture, You tube Videos,PPTs...etc
29	Social Immersion	Mr.T.Chandramohan	NPTEL Videos, Video Lecture, You

	Project/P23MSW110		tube Videos,PPTs...etc
30	Social Immersion Project/P23MSW110	Mrs.M.Angelemary	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
31	Business Policy and Strategic Management-/P20MST301	Dr.R.Sivakumar	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
32	Business Policy and Strategic Management-/P20MST301	Mr.A.Mathiazhagan	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
33	Business Policy and Strategic Management-/P20MST301	Dr.A.Vinoth	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
34	Entrepreneurship/P20MST302	Mr.R.Anbarasan	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
35	Entrepreneurship/P20MST302	Mrs.R.Kumuthavalli Revathy	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
36	Entrepreneurship/P20MST302	Ms.S.Deepa	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
37	Finance Analytics /P20MST303	Mrs. M. Angelamary	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
38	Finance Analytics /P20MST303	Mrs.R.Sureka	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
39	HR Analytics /P20MST304	Dr.B.Elamurugan	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
40	Marketing Analytics /P20MST305	Dr. N.S.N.Cailassame	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
41	Financial Services and Management/P20MSEF02	Ms.S.Visalakshi	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
42	Financial Services and Management/P20MSEF02	Mr.A.Shunmugaraja	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
43	Integrated Marketing Communications/ P20MSEM05	Mr.T.Chandramohan	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
44	Industrial Relations and Labour Legislation/P20MSEH03	Mrs.M.Janaki rama	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
45	Industrial Relations and Labour Legislation/P20MSEH03	Mrs.G.Ramya	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
46	Indian Financial System/P20MSEF03	Mrs.M.Divya	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
47	Indian Financial System/P20MSEF03	Mr.N.Kirubasankar	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
48	Training and Development/P20MSEH02	Mr.C.Sugumar	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc
49	Selling and Negotiation Skills-P20MSP308	Mr.C.Sugumar	NPTEL Videos, Video Lecture, YouTube Videos,PPTs...etc

3.3 List of Expert Lectures / Workshop Conducted

S.No	Topic of Lecture / Workshop	Expert Speaker / Resource Person	Date of Conduction	Target Audiences
1	"Youth Power in Building a Self-Reliant India"	1.Shri. P. Chandrasekaran, Convenor of the Self-Reliant India Movement, and 2.Coach Murali, a Hybrid Business Coach from Chennai	29/01/2024	Students of I-MBA(2023-24) and II-MBA (2022-24)
2	"Enhancing Operational Efficiency of EATON Power Quality Pvt. Ltd."	Shri. A.D. Naik, Senior Vice President, Finance, Electric Sector, Eaton Corporation.	06/02/2024	I-MBA (2023-25) Students
3	"Union Budget Talk 2024"	Mr. Babu Srinivasan, Managing Director, VimproTech, and President, Pondicherry Traders' Federations.	27/02/2024	Students of I-MBA(2023-24) and II-MBA (2022-24)

3.4 Activities for Slow and Advanced Learners

Semester: I&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	Organizational Behavior/P23MST101	Mr.A.Mathiazhagan	Yes	5	Yes
2	Organizational Behavior/P23MST101	Mrs.M.Janaki rama	Yes	5	Yes
3	Organizational Behavior/P23MST101	Mrs.M.Divya	Yes	5	Yes
4	Accounting for Management-P23MST102	Ms.S.Visalakshi	Yes	5	Yes
5	Accounting for Management-P23MST102	Mrs. M. Angelamary	Yes	5	Yes
6	Accounting for Management-P23MST102	Mr.N.Kirubasankar	Yes	5	Yes
7	Economics for Business Decisions/P23MST103	Dr.B.Elamurugan	Yes	5	Yes
8	Economics for Business Decisions/P23MST103	Dr.A.Vinoth	Yes	5	Yes
9	Economics for Business Decisions/P23MST103	Mr.A.Shunmugaraja	Yes	5	Yes
10	Business Law/P23MST104	Dr.S.Pougajendy	Yes	5	Yes
11	Business Law/P23MST104	Mrs.G.Ramya	Yes	5	Yes
12	Business Law/P23MST104	Dr.L.Kavitha	Yes	5	Yes
13	Business Statistics/P23MST105	Mr.T.Chandramohan	Yes	5	Yes
14	Business Statistics/P23MST105	Ms.S.Deepa	Yes	5	Yes
15	Business Statistics/P23MST105	Mr.G.Vengatesan	Yes	5	Yes
16	Information Systems for Managers/P23MST106	Dr.R.Sivakumar	Yes	5	Yes
17	Information Systems for Managers/P23MST106	Mrs.R.Kumuthavalli Revathy	Yes	5	Yes
18	Information Systems for Managers/P23MST106	Mr.G.Vengatesan	Yes	5	Yes
19	Business Ethics and Social Responsibility//P23MST107	Dr.G.Balasendhilkumar	Yes	5	Yes
20	Business Ethics and Social Responsibility//P23MST107	Mr.R.Anbarasan	Yes	5	Yes
21	Business Ethics and Social Responsibility//P23MST107	Mrs.R.Sureka	Yes	5	Yes
22	Business Policy and Strategic Management-/P20MST301	Dr.R.Sivakumar	Yes	5	Yes
23	Business Policy and Strategic Management-/P20MST301	Mr.A.Mathiazhagan	Yes	5	Yes
24	Business Policy and Strategic Management-/P20MST301	Dr.A.Vinoth	Yes	5	Yes
25	Entrepreneurship/P20MST302	Mr.R.Anbarasan	Yes	5	Yes
26	Entrepreneurship/P20MST302	Mrs.R.Kumuthavalli Revathy	Yes	5	Yes
27	Entrepreneurship/P20MST302	Ms.S.Deepa	Yes	5	Yes
28	Finance Analytics /P20MST303	Mrs. M. Angelamary	Yes	5	Yes
29	Finance Analytics /P20MST303	Mrs.R.Sureka	Yes	5	Yes

30	HR Analytics /P20MST304	Dr.B.Elamurugan	Yes	5	Yes
31	Marketing Analytics /P20MST305	Dr. N.S.N.Cailassame	Yes	5	Yes
32	Financial Services and Management/P20MSEF02	Ms.S.Visalakshi	Yes	5	Yes
33	Financial Services and Management/P20MSEF02	Mr.A.Shunmugaraja	Yes	5	Yes
34	Integrated Marketing Communications/ P20MSEM05	Mr.T.Chandramohan	Yes	5	Yes
35	Industrial Relations and Labour Legislation/P20MSEH03	Mrs.M.Janaki rama	Yes	5	Yes
36	Industrial Relations and Labour Legislation/P20MSEH03	Mrs.G.Ramya	Yes	5	Yes
37	Indian Financial System/P20MSEF03	Mrs.M.Divya	Yes	5	Yes
38	Indian Financial System/ P20MSEF03	Mr.N.Kirubasankar	Yes	5	Yes
39	Training and Development/P20MSEH02	Mr.C.Sugumar	Yes	5	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
358	24	1:15

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	Mention the target:
4	PSO and PO attainment through CO	Yes	

3.8 Student Performance in End Semester Examination Semester – I SEM

Sr. No	Particular	MBA
1	Number of Students appeared	180

2	Number of All Clear Students	--
3	Number of Students passed with Distinction	--
4	Number of Students passed with First Class	--
5	Number of Students passed with Second Class	--
6	Number of Students Failed	--
7	Passing Percentage	--

SEM-III

Sr. No	Particular	MBA
1	Number of Students appeared	178
2	Number of All Clear Students	163
3	Number of Students passed with Distinction	131
4	Number of Students passed with First Class	47
5	Number of Students passed with Second Class	Nil
6	Number of Students Failed	15
7	Passing Percentage	91.5%

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		
2	Parent Meet / Parent Feedback on Teaching conducted with action taken report	Yes		
3	Student Exit Survey conducted and analyzed	Yes		
4	Alumni Feedback conducted and analyzed	Yes		

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

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

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

5.2 Consultancy Works

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

5.3 Faculty Publications

Publication Details

Sr. No	Academic Year	Papers Published in peer reviewed Journals	Scopus, Web of Science Indexing Papers	Total Number of Citations	h-index	Impact Factor range / Average Impact Factors
1	2023-24	Role of Celebrity Endorsements on Adding Value to Advertising and Market Communication: A Cross-Sectional Study	Scopus	--	--	3.71
2	2023-24	Work life balance an organizational commitment among IT employees	Indexing	--	--	8.57
3	2023-24	A Study on Competency Mapping of the Employees with Reference to the 4Supreme 15ndustries Limited	Indexing	--	--	9.24
4	2023-24	Effectiveness of Content Marketing of Vespa Scooter With Reference to Vignesh Moteurx Pvt Ltd, Pondicherry	Indexing	--	--	9.24
5	2023-24	Hybrid Workforce Optimization for Managing Remote and on-Site Teams at Motherson Automotive Technologies and Engineering	Indexing	--	--	9.24
6	2023-24	A Study on Emotional Intelligence and Quality of Work Life Among Employees in Hindustan Unilever Limited, Puducherry	Indexing	--	--	9.24
7	2023-24	A Study on Role of Social Media Marketing In Building Brand Awareness for Peperfry's Furniture Products Pondicherry	Indexing	--	--	9.24
8	2023-24	A Study on Embracing Workforce Diversity on Employee Performance	Indexing	--	--	9.24
9	2023-24	A Study on Product Branding on Sale Performance	Indexing	--	--	9.24
10	2023-24	A Study on Exploration of Hybrid	Indexing	--	--	9.24

		System in HRM at Solara Active Pharma Science, Puducherry				
11	2023-24	A Study on the Impact of Automation Strategy on Workforce Efficiency in Raneko Tech at Villiyanur	Indexing	--	--	9.24
12	2023-24	A Study on Customer-centric Marketing of Tork Motors(e-vehicle) at V—One Moteurx Pvt Ltd	Indexing	--	--	9.24
13	2023-24	Impact of Diversity Management on Work Behaviour: HRM Role	Indexing	--	--	9.24
14	2023-24	A Study on Contingent Workforce : Gig Economy with Reference to International Bakery Product Limited	Indexing	--	--	9.24
15	2023-24	A Study on "Elevating Brand Visibility": an Analysis of Marketing Strategies and Their Impact on Sales for Team Cycle World Pondicherry	Indexing	--	--	9.24
16	2023-24	A Qualitative study on problem and challenges involved on multi tasking	Indexing	--	--	9.24
17	2023-24	A study on consumer preference towards Health insurance with special reference to care health insurance	Indexing	--	--	9.24
18	2023-24	A study on consumer behavior towards canon printers with reference to Excite Inc.	Indexing	--	--	9.24

Publication Details for Academic Year consider for Auditing

Number of Publication in National Journals	--
Number of Publication in International Journals	18
Number of Publication in National Conferences	-
Number of Publication in International Conferences	5
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
1	NIL			

International Journal

S.No	Title of the Paper	Name of the Authors	Name of the Journal	Vol, issue, pp, ISBN/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
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	Exploring the impact of Anthropomorphism on customers willingness to embrace Artificial intelligence service Agents	Dr.S.Pougajendy	--	Services Marketing: Digitization and Management	--	--
2	The effect of work environment and work culture on employee performance	Ms.Visalatchi	--	Services Marketing: Digitization and Management	--	--
3	The effect of work environment and work culture on employee performance	Ms.Deepa	--	Services Marketing: Digitization and Management	--	--
4	Green Human Resource Management for Resource Sustainability	Dr.R.Sivakumar	--	4 th International Conference on Changing Business Paradigm (ICCBP-2024)	--	--
5	Work life Balance on organizational commitment among the employees	G.Ramya	--	Exploring the inflection point in the landscape of business Intelligence: Innovation and Advancement	--	--

Books / Book Chapters

S.No	Title of Book / Book Chapter	Name of the Authors	ISBN / ISSN	Publisher
1	Product and Brand Management (Book)	Dr.DineshGabhane Dr.S.Pougajendy Mr.S.BaluMahandiran	978-93-6010-384-4	Prime International Publication

Patent

S.No	Name of the Applicant (s)	Name of the Inventor (s)	Title	Application No. & Patent Filed Date	Country	Current Status
1	Dr..R.Reena Dr.G.Thiayarajan Dr.V.O.Kavitha Dr.S.Kalyan Mr.Cs.Ankit Shah Dr.Rajesh Verma Mr.Rezashkumar Dr.V.Lavanya Dr.S.Pougajendy Dr.Neelam Raut Dr.Sudha Arogya Mary Mr.J.Logeshwaran	Dr..R.Reena Dr.G.Thiayarajan Dr.V.O.Kavitha Dr.S.Kalyan Mr.Cs.Ankit Shah Dr.Rajesh Verma Mr.Rezashkumar Dr.V.Lavanya Dr.S.Pougajendy Dr.Neelam Raut Dr.Sudha Arogya Mary Mr.J.Logeshwaran	Impact outsourcing of decision making material availability	202341077780A & 15/11/2023	India	Published-22/12/2023

SECTION – VI: COLLABORATIONS AND LINKAGES

6.1 Student Internships

S.No	Name of the Student	Name of the Sponsored Industry / Research Institute / Partnering Institution	About Internship		
			Duration	From date	To date
01	R. Karthika	MANATEC ELECTRONICS PVT. LTD	4 weeks	12/9/2023	12/10/2023
02	M. Ramyashree	Brite Brothers Limited	4 weeks	02/9/2023	03/10/2023
03	S. Dharshnidhevi	Lucas-TVS	4 weeks	11/9/2023	30/10/2023
04	A.Keerthiga	Rane(Madras) Limited	4 weeks	01/9/2023	30/9/2023
05	R. Sowmiya. R	NextGen Solutions	4 weeks	08/9/2023	09/10/2023
06	R. Megavarthini	Lucas-TVS	3 weeks	11/9/2023	30/9/2023
07	M. Vigneswar	United India Insurance Co. Ltd	4 weeks	15/9/2023	14/10/2023
08	V. Sakthisubhasri	Lucas-TVS	4 weeks	01/9/2023	30/9/2023
09	I.P. Subashini	Rane Brake Lining Limited	2 weeks	11/9/2023	25/9/2023
10	N.S. Shrigayathri	Lucas-TVS	2 weeks	05/9/2023	19/9/2023
11	S. Sindhuja	Lucas-TVS	2 weeks	05/9/2023	19/9/2023
12	N. Logeswari	Lucas-TVS	2 weeks	05/9/2023	19/9/2023
13	K. Madhumitha	The Pondicherry	2 weeks	11/9/2023	25/9/2023
14	V. Srilekha	MANATEC	4 weeks	11/9/2023	11/10/2023
15	B. Pavithra	Lucas-TVS	4 weeks	01/9/2023	30/9/2023
16	T. Santhoshkumar	HIDESIGN	4 weeks	14/9/2023	15/10/2023
17	D. Vishali	Brite Brothers Limited	4 weeks	02/9/2023	03/10/2023
18	S. Earanbee	Meena Fiberglass Industries	1 month	04/9/2023	09/10/2023
19	M. Arthi	Royal Enfield	15 days	18/9/2023	05/10/2023
20	EB. Shireen Sulthana	Kumarasamy Industries	4 weeks	01/9/2023	30/9/2023
21	R. Sneha	NextGen Solutions	4 weeks	08/9/2023	09/10/2023
22	P. Velvizhi	Teakwood Travels	4 weeks	04/9/2023	10/10/2023
23	M. Lokeshwari	Lucas-TVS	4 weeks	01/9/2023	30/9/2023
24	Keerthana Ramani Riyah	MANATEC	4 weeks	12/9/2023	12/10/2023
25	V. Chandrasekaran	L & T Construction	4 weeks	01/9/2023	30/9/2023
26	P. Shalini	MANATEC	4 weeks	12/9/2023	12/10/2023
27	Mariyambee	Sri Srinivasa Cartons & Containers Private Ltd	4 weeks	11/9/2023	10/10/2023

28	S. Pavithra	Filtercat Products Private Limited	4 weeks	06/9/2023	05/10/2023
29	P. Arthi	Lucas-TVS	2 weeks	05/9/2023	19/9/2023
30	N. Bharath Thirumavalavan	Abirami Soap Works LLP	4 weeks	01/9/2023	01/10/2023
31	V. Rajarajeswari	The Puducherry Co- op urban Bank	4 weeks	01/9/2023	30/9/2023
32	S. Sundaraj	The Puducherry Co- op urban Bank	3 weeks	05/9/2023	30/9/2023
33	M. Karthikeyan	Swashthik	4 weeks	07/9/2023	07/10/2023
34	S. Harish	Hindustan Univer Limited	4 weeks	04/9/2023	30/9/2023
35	H.Ruba	Hindustan Univer Limited	4 weeks	04/9/2023	30/9/2023
36	M. Suganya	Hindustan Univer Limited	4 weeks	04/9/2023	30/9/2023

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	A Study on Safety Measures for Temporary Workers	Venkata Lakshmi Jaya Preethi S	Rane Madras Limited.	1 month
2.	A Study on Assessing Stress Level of Employess	Sabitha S	Whirlpool of India Ltd	1 month
3.	A Study on Health Safety and Welfare Measures	Shrigayathri N S	Lucas Tvs	1 Month
4.	A Study on Capital Budgeting	Shridevi A	Manatec Electronics Pvt Ltd	1 month
5.	A Study on Consumer Purchase Decision	Mohamed Ashik A	Abirami Soap Works LLP	1 month

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	PDY HR Circle		Enhancing Industry-Academia Linkages, Curriculum Development and Innovation, Organizing Joint Seminars and Knowledge Sharing Events..etc	3 Year
2	CII Puducherry Chapter			1 Year

SECTION – VII: STUDENT PROGRESSION

Number of Students Placed	69
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	K.Abilash	Home First Finance Company Ltd.	6,00,000
2	V.Chandrasekaran	Home First Finance Company Ltd.	6,00,000
3	E.Krishnakumar	Home First Finance Company Ltd.	6,00,000
4	S.Sundaraj	Home First Finance Company Ltd.	6,00,000
5	K.Swornash	Home First Finance Company Ltd.	6,00,000
6	S.Abinaya	Karur Vysya Bank Ltd	3,00,000
7	P.Arthi	Karur Vysya Bank Ltd	3,00,000
8	R.Bhuvaneshwari	Karur Vysya Bank Ltd	3,00,000
9	G.Bhuvaneshwari	Karur Vysya Bank Ltd	3,00,000
10	L.Dineshkumar	Karur Vysya Bank Ltd	3,00,000
11	K.Dineshwar	Karur Vysya Bank Ltd	3,00,000
12	H.Divya	Karur Vysya Bank Ltd	3,00,000
13	K.Gukhan	Karur Vysya Bank Ltd	3,00,000
14	V.Jayapraba	Karur Vysya Bank Ltd	3,00,000
15	G.Karthika	Karur Vysya Bank Ltd	3,00,000
16	P.Keerthana	Karur Vysya Bank Ltd	3,00,000
17	S.Kiruthiga	Karur Vysya Bank Ltd	3,00,000
18	M.LakshmiPriya	Karur Vysya Bank Ltd	3,00,000
19	N.Logeswari	Karur Vysya Bank Ltd	3,00,000
20	M.Lokeshwar	Karur Vysya Bank Ltd	3,00,000
21	D.Mohana	Karur Vysya Bank Ltd	3,00,000
22	S.Niranjana	Karur Vysya Bank Ltd	3,00,000
23	V.Rajarajeswari	Karur Vysya Bank Ltd	3,00,000
24	B.Sangeetha	Karur Vysya Bank Ltd	3,00,000
25	V.Snega	Karur Vysya Bank Ltd	3,00,000

26	Ip.Subashini	Karur Vysya Bank Ltd	3,00,000
27	P.Vasanthan	Karur Vysya Bank Ltd	3,00,000
28	D.Vishali	Karur Vysya Bank Ltd	3,00,000
29	S.Vivekanandan	Karur Vysya Bank Ltd	3,00,000
30	A.Wasimakram	Karur Vysya Bank Ltd	3,00,000
31	M.Azhagarasan	Reliance Retail	2,75,000
32	E.Balamurugan	Reliance Retail	2,75,000
33	S.Bhavadharani	Reliance Retail	2,75,000
34	R.Elamaran	Reliance Retail	2,75,000
35	D.Ishwarya	Reliance Retail	2,75,000
36	G.Logavarthana	Reliance Retail	2,75,000
37	J.Mobisherlin	Reliance Retail	2,75,000
38	A.Mohamedashik	Reliance Retail	2,75,000
39	M.Mubarakali	Reliance Retail	2,75,000
40	S.Preethi	Reliance Retail	2,75,000
41	A.Radha	Reliance Retail	2,75,000
42	S.Raguraman	Reliance Retail	2,75,000
43	K.Sivaraman	Reliance Retail	2,75,000
44	B.Snega	Reliance Retail	2,75,000
45	R.Sowmiya	Reliance Retail	2,75,000
46	V.Dharshini	Bajaj Finserv	5,68,000
47	A.Gukapriya	Bajaj Finserv	5,68,000
48	K.Janani	Bajaj Finserv	5,68,000
49	T.Madhumitha	Bajaj Finserv	5,68,000
50	S.Sandhiya	Bajaj Finserv	5,68,000
51	K.Suriya	Bajaj Finserv	5,68,000
52	M.Vigneswar	Bajaj Finserv	5,68,000

53	M.Mohammedfaroz	Oppo Mobiles	3,00,000
54	S.Saimeiyappan	Oppo Mobiles	3,00,000
55	B.Yogeshwarar	Oppo Mobiles	3,00,000
56	S.Soundarya	Sureti Ins Mar Pvt Ltd	4,50,000
57	K.Devadharshini	Sureti Ins Mar Pvt Ltd	4,50,000
58	S.Jayashree	Sureti Ins Mar Pvt Ltd	4,50,000
59	S.Venkatalakshmi Jayapreethi	Sureti Ins Mar Pvt Ltd	4,50,000
60	L.Vijayalakshmy	Sureti Ins Mar Pvt Ltd	4,50,000
61	V.Ramkumar	Sureti Ins Mar Pvt Ltd	4,50,000
62	V.Srilekha	Sureti Ins Mar Pvt Ltd	4,50,000
63	M.Haritha	Visai Lab	3,60,000
64	A.Ghislaine Josephine	Support Studio	3,00,000
65	Indhumathiv	Support Studio	3,00,000
66	J.Kiran	Naturals	2,50,000
67	S.Earanbee	Naturals	2,50,000
68	A.Rihana Riyathbash	Naturals	2,50,000
69	M.Arthi	Naturals	2,50,000

7.2 Higher Studies

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

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 / 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

Sl.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.N.S.N . Caillasame	PDY HR Circle
2	Dr.N.S.N . Caillasame	CII Puducherry Chapter

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.Sivakumar	Reviewer of ABCD Indexing Journals
2	Dr.R.Sivakumar	ASET Journal of Management 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
NIL		

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

S.No	Name of the Faculty	FDP /STTP /Workshop /Conference Title	Organized by	Duration (Days)
1	Dr.S. Pougajendy	Services Marketing: Digitization and Management	NSP Academy, Bangalore.	2 Days
2	Ms.Visalatchi	Services Marketing: Digitization and Management	NSP Academy, Bangalore.	2 Days
3	Ms.Deepa	Services Marketing: Digitization and Management	NSP Academy, Bangalore.	2 Days
4	Dr.R.Sivakumar	4 th International Conference on Changing Business Paradigm (ICCBP-2024)	Management Development Institute Murshidabad, West Bengal.	3 Days
5	G.Ramya	Exploring the inflection point in the landscape of business Intelligence: Innovation and Advancement	Hindustan College of Arts and Science, Chennai	1 Day
6	Mr.R.Anbarasan	Ensuring Research Integrity	Sri Krishna Arts and Science College, Coimbatore,	5 Days
7	Dr.A.V inoth	Ensuring Research Integrity	Sri Krishna Arts and Science College, Coimbatore,	5 Days
8	Mr.R.Anbarasan	International Seminar on Navigating the future	DG Vaishnav College, Chennai.	1 day

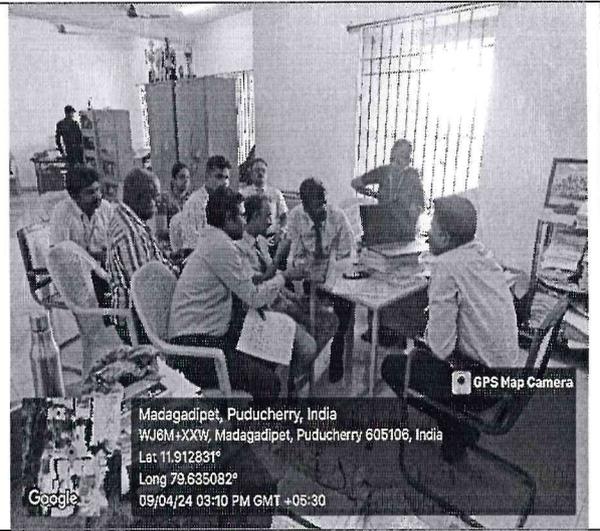
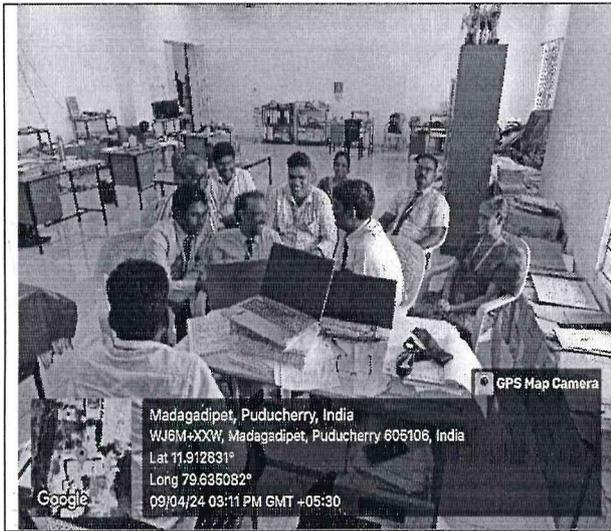
Declaration by HoD

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


12/4/24
Dean/DMS

Recommendations:

Section	Remarks
Curricular Aspects	All relevant documents are verified.
Teaching, Learning and Evaluation	All relevant documents are verified
Structured Feedback	Student Exit Survey report missing ; Remaining documents verified
Research, Innovation and Publications	Priority to be given 5-1, 5-2, Publication, Impact factor is Irrelevant.
Collaborations and Linkages	All relevant documents are verified
Student Progression	Motivate the students to Higher Studies and Entrepreneurship.
Activity Conducted / Organized by the Department	A minimum of 2 programs per semester to be conducted
Achievements	CONcentrate more in student participation in various events
General Remarks	Most of the documents only in soft copy. Maintain Hard copy in department



Signature of the Internal Academic Audit Experts

M. Ganesan
Dr.M.Ganesan
 Associate Professor
 Dept of Computer Science Engineering,
 SMVEC,
 Pudhucherry.

L. Martin
Dr.L.Martin
 Associate Professor
 Dept of Mechanical Engineering,
 SMVEC,
 Pudhucherry.

Declaration by Dean/MBA

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

D. S. Fu
25/11/24

Dean/MBA



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**ACADEMIC AND ADMINISTRATIVE AUDIT
NON COMPLIANCE - REPORT
ACADEMIC YEAR 2023-2024**



SMVEC / IQAC/INT/AAA/ 2023-24 /01

23-04-2024

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 / 02 / Note / 24 /01 dated 27-03-2024

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2022-23 in your department on 10th April 2024. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – III: TEACHING, LEARNING AND EVALUATION		
3.4	Activities for Slow and Advanced Learners	A copy of Sample evidence of Advanced Learners and slow learners have to be maintained in the department
3.5	Counseling and Mentoring	Mentoring record sheets have to be arranged chronologically as the student progresses to the higher semesters for ready reference
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.3	Faculty Publications	It is found that the most of the publications are UGC indexed. Action may be initiated to publish research articles in SCI indexed journals

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before April 27, 2024

Thanking You

Yours Truly

Dr.AA. Arivalagar
IQAC Coordinator



SMVEC / IQAC/INT/AAA/ 2023-24 /01

23-04-2024

NON-CONFORMANCES IN AAA

To

The Head of the Department

Department of Electronics and Communication Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg

Ref : SMVEC / IQAC / 02 / Note / 24 /01 dated 27-03-2024

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2022-23 in your department on 10th April 2024. 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	Involvement of faculty members in curriculum development has to be improved
2.7	List of Mandatory Courses offered by the Department	Relevant documents like induction program, physical education and professional ethics are not maintained in order.
SECTION – III: TEACHING, LEARNING AND EVALUATION		
3.4	Activities for Slow and Advanced Learners	The requisite evidence of sample copy of advanced and slow learners have to be maintained in the Department
3.5	Counseling and Mentoring	The relevant records have to be updated and maintained in order.
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.1	Functional Memorandum of Understanding (MoU)	The outcomes of MoUs are not noticed.

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before April 27, 2024

Thanking You

Yours Truly

A handwritten signature in green ink, consisting of a vertical line with a loop at the top and a diagonal stroke crossing it.

Dr.AA. Arivalagar
IQAC Coordinator



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Puducherry - 605 107



INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2023-24 /01

23-04-2024

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 / 02 / Note / 24 /01 dated 27-03-2024

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2022-23 in your department on 8th April 2024. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.3	Faculty Publications	Need to improve publications and action has to be initiated to have faculty publications in scopus and SCI Indexed journals
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.4	6.1 Functional Memorandum of Understanding (MoU)	Need to have more MoUs and related activities

SECTION – IX: ACHIEVEMENTS

9.3	Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers bodies	Need to involve faculty members as resource persons on editorial boards and reviewer bodies
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You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before April 27, 2024

Thanking You
Yours Truly



Dr.AA. Arivalagar
IQAC Coordinator

3



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Puducherry - 605 107



INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2023-24 /01

23-04-2024

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 / 02 / Note / 24 /01 dated 27-03-2024

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2022-23 in your department on 8th April 2024. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Need to focus on funding projects Need to improve on Patent Grant

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before April 27, 2024

Thanking You

Yours Truly

Dr.AA. Arivalagar
IQAC Coordinator



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ENGINEERING COLLEGE**

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Puducherry - 605 107



INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2023-24 /01

23-04-2024

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 / 02 / Note / 24 /01 dated 27-03-2024

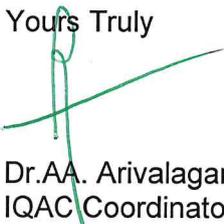
An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2022-23 in your department on 8th April 2024. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – III: TEACHING, LEARNING AND EVALUATION		
3.7	Learning Outcomes	CO-PO attainment has to be computed for all the courses

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before April 27, 2024

Thanking You

Yours Truly


Dr.AA. Arivalagar
IQAC Coordinator



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SMVEC / IQAC/INT/AAA/ 2023-24 /01

23-04-2024

NON-CONFORMANCES IN AAA

To

The Head of the Department

Department of Instrumentation and Control Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg

Ref : SMVEC / IQAC / 02 / Note / 24 /01 dated 27-03-2024

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2022-23 in your department on 9th April 2024. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.2	Consultancy Works	Consultancy work to be improved
5.3	Faculty Publications	Focus on to publish SCI indexed journals by the faculty members Focus on to publish books and book chapters by the faculty members
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.2	Sponsored / Industry Projects	Need to get sponsored projects from Industries

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before April 27, 2024 .

Thanking You

Yours Truly

Dr.AA. Arivalagar
IQAC Coordinator



SMVEC / IQAC/INT/AAA/ 2023-24 /01

23-04-2024

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 / 02 / Note / 24 /01 dated 27-03-2024

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2022-23 in your department on 9th April 2024. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.3	Faculty Publications	Focus on more publications by faculty members
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.2	Sponsored / Industry Projects	Need to improve on funded projects through industries
SECTION – VII: STUDENT PROGRESSION		
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT		
8.1	Technical Event / Workshop for Student	Data on the conduction of technical events/workshops to be updated

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before April 27, 2024

Thanking You

Yours Truly

Dr.AA Arivalagar
IQAC Coordinator



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INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2023-24 /01

23-04-2024

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 / 02 / Note / 24 /01 dated 27-03-2024

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2022-23 in your department on 12th April 2024. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – II: CURRICULAR ASPECTS		
2.1.2	Faculty subject preferences	Need to use standard format for faculty course willingness and allotment
SECTION – III: TEACHING, LEARNING AND EVALUATION		
3.3	3.1 List of Expert Lectures / Workshop Conducted	Need to conduct the invited lectures as per the academic plan
3.7	Learning Outcomes	Attainment of CO-PO outcomes have to be submitted for all courses
SECTION – IV: STRUCTURED FEEDBACK		
4.1	Student, Parent and Alumni Feed back	Need to improve the number of feedbacks from all stake holders
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Need focus to get more research grants
5.2	Consultancy Works	Need to improve the consultancy project
5.3	Faculty Publications	Need to improve the faculty publications

SECTION – VI: COLLABORATIONS AND LINKAGES		
6.4	Functional Memorandum of Understanding (MoU)	Need to improve more functional MoUs
SECTION – IX: ACHIEVEMENTS		
9.2	Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies	Need to improve the participation of faculty members

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before April 27, 2024

Thanking You

Yours Truly



Dr.AA. Arivalagar
IQAC Coordinator



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INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2023-24 /01

23-04-2024

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Biomedical Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg

Ref : SMVEC / IQAC / 02 / Note / 24 /01 dated 27-03-2024

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2022-23 in your department on 9th April 2024. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.3	Faculty Publications	Need to focus on more publications from faculty members and filing of patents
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.2	Sponsored / Industry Projects	Need to improve on funded projects from Industries

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before April 27, 2024

Thanking You

Yours Truly

Dr.AA, Arivalagar
IQAC Coordinator



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INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2023-24 /01

23-04-2024

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Artificial Intelligence 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 / 02 / Note / 24 /01 dated 27-03-2024

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2022-23 in your department on 9th April 2024. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – III: TEACHING, LEARNING AND EVALUATION		
3.4	Activities for Slow and Advanced Learners	Need to maintain sample evidence copy for advanced and slow learners in the department
3.5	Counseling and Mentoring	Need to maintain mentoring records and relevant circulars to be arranged in chronological order
3.7	Learning Outcomes	Need to prepare CO-PO outcomes for all courses
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.3	Faculty Publications	Need to improve faculty publications
SECTION – VI: COLLABORATIONS AND LINKAGES		
6.4	6.1 Functional Memorandum of Understanding (MoU)	Need to focus on adding more MoUs
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT		
8.1	Technical Event / Workshop for Student	Need to maintain supporting documents for department 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 April 27, 2024

Thanking You
Yours Truly

Dr.AA. Arivalagar
IQAC Coordinator

A handwritten signature in green ink, appearing to be 'Dr. AA. Arivalagar', is written over the printed name and title.



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INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2023-24 /01

23-04-2024

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Computer Science and Business Systems
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 02 / Note / 24 /01 dated 27-03-2024

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2022-23 in your department on 9th April 2024. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – III: TEACHING, LEARNING AND EVALUATION		
3.7	Learning Outcomes	Need to complete CO-PO outcomes for all courses
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.3	Faculty Publications	Need to have faculty publications in scopus and SCI indexed journals
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT		
8.1	Technical Event / Workshop for Student	Advised to conduct the number of events as planned in the academic calendar
SECTION – IX: ACHIEVEMENTS		
9.3	Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers bodies	Need to involve faculty members as resource persons

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before April 27, 2024

Thanking You
Yours Truly



Dr.AA. Arivalagar
IQAC Coordinator



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INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2023-24 /01

23-04-2024

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 Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg

Ref : SMVEC / IQAC / 02 / Note / 24 /01 dated 27-03-2024

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2022-23 in your department on 9th April 2024. 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)	Need to have more MoUs and related activities
6.2	Sponsored / Industry Projects	Need to improve industry projects
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT		
8.1	Technical Event / Workshop for Student	
SECTION – IX: ACHIEVEMENTS		
9.1	Awards and Prizes Received by Students	Need to improve students participation in various events.
9.3	Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers bodies	Need to involve faculty members as resource persons on editorial boards and reviewer bodies

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before April 27, 2024

Thanking You
Yours Truly

A handwritten signature in blue ink, consisting of a vertical line with a loop at the top and a horizontal line crossing it, followed by a long horizontal stroke extending to the right.

Dr.AA. Arivalagar
IQAC Coordinator



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INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2023-24 /01

23-04-2024

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Fashion 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 / 02 / Note / 24 /01 dated 27-03-2024

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2022-23 in your department on 9th April 2024. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – III: TEACHING, LEARNING AND EVALUATION		
3.3	3.1 List of Expert Lectures / Workshop Conducted	Reports on department activities should be prepared in report format
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Need to focus on research grants to get funded projects
5.2	Consultancy Works	Need to focus on consultancy works
SECTION – IX: ACHIEVEMENTS		
9.3	Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers bodies	Need to involve faculty members as resource persons on editorial boards and reviewer bodies

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before April 27, 2024

Thanking You
Yours Truly


Dr.AA. Arivalagar
IQAC Coordinator



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INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2023-24 /01

23-04-2024

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 / 02 / Note / 24 /01 dated 27-03-2024

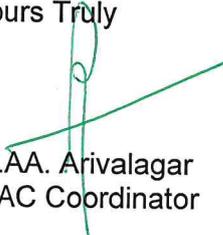
An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2022-23 in your department on 9th April 2024. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – III: TEACHING, LEARNING AND EVALUATION		
3.3	3.1 List of Expert Lectures / Workshop Conducted	Need to use standard formats for preparation of reports of all activities
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Need to focus to get research grants and industrial projects
5.2	Consultancy Works	Need to improve the consultancy works
9.3	Details of Faculty Appointed / Nominated on Editorial Boards /Reviewers bodies	Need to improve the faculty participation on editorial boards/reviewer bodies

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before April 27, 2024

Thanking You

Yours Truly



Dr.AA. Arivalagar
IQAC Coordinator



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INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2023-24 /01

23-04-2024

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Master of Computer Application
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 02 / Note / 24 /01 dated 27-03-2024

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2022-23 in your department on 9th April 2024. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Need to get research grants and funded projects
5.3	Faculty Publications	Need to improve faculty publications
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT		
8.1	Technical Event / Workshop for Student	Need to conduct technical events as committed in the academic calendar

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before April 27, 2024

Thanking You

Yours Truly


Dr. AA. Arivalagar
IQAC Coordinator



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INTERNAL QUALITY ASSURANCE CELL

SMVEC / IQAC/INT/AAA/ 2023-24 /01

23-04-2024

NON-CONFORMANCES IN AAA

To
The Head of the Department
Department of Master of Business administration
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub : Requesting Action taken Report for Non-Conformances in AAA – Reg
Ref : SMVEC / IQAC / 02 / Note / 24 /01 dated 27-03-2024

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2022-23 in your department on 9th April 2024. The following non-conformances were observed during the audit.

Section No.	Particular	Remarks
SECTION – IV: STRUCTURED FEEDBACK		
	Student, Parent and Alumni Feed back.	Need to submit the student exit survey
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS		
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Need to get research grants and funded projects
5.2	Consultancy Works	Need to improve consultancy work
5.3	Faculty Publications	Need to improve faculty publications
SECTION – VII: STUDENT PROGRESSION		
7.3	Entrepreneur	Need to have evidence on the number of students turned as entrepreneurs
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT		
8.1	Technical Event / Workshop for Student	Need to conduct technical events as committed in the academic calendar

You are requested to take necessary steps to close the above observations and submit a detailed action taken report to IQAC on or before April 27, 2024

Thanking You
Yours Truly



Dr.AA. Arivalagar
IQAC Coordinator



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INTERNAL QUALITY ASSURANCE CELL

**ACADEMIC AND ADMINISTRATIVE AUDIT
ACTION TAKEN REPORT
ACADEMIC YEAR 2023-2024**



SMVEC / HEAD – EEE /INT / AAA/ 24

25-04-2024

ACTION TAKEN REPORT

To

Dr.AA. Arivalagar
IQAC Coordinator
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry – 605 107

Dear Sir

Sub: Action taken Report submission for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC /INT / AAA/ 2023-24 /01

An Academic and Administrative Audit (AAA) was conducted by the Internal Expert Members nominated by IQAC for the Academic Year 2023-24 in our department on 10th April 2024. It is hereby informed that we have attached the action taken report for the non-conformances in AAA as given below.

Section No.	Particulars	Remarks Given	Action Taken
SECTION – III: TEACHING, LEARNING AND EVALUATIONS			
3.4	Activities for Slow and Advanced Learners	A copy of sample evidence of advanced learners and slow learners has to be maintained in the department.	The activities carried out for the advanced and slow learners were collected and it was maintained in the department.
3.5	Counselling and Mentoring	Mentoring record sheets have to be arranged chronologically as the student progresses to the higher semesters for ready reference	Mentoring record sheets of all the students are arranged from first semester to till date. The reports were maintained in the department which helps to learn about student progression.
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS			
9.5	Faculty Publications	It is found that the most of the publications are UGC indexed. Action may be initiated to publish research articles in SCI indexed journals	<ul style="list-style-type: none"> • All the faculty members are requested to apply their research articles in SCI indexed Journals. • Suggestion were given to convert and apply final year projects to SCI indexed journals

Thanking You,

Yours Truly


Dr.P.Jamuna



SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
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Puducherry - 605 107

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SMVEC/ECE/IQAC/INT/AAA/2023-24/01

30.4.2024

From

The Head of the Department
Department of Electronics and Communication Engineering
Sri Manakula Vinayagar Engineering College
Madagadipet, Puducherry-605 107

Dear Sir

Sub: Action Taken Report for Non-Conformances in AAA –Reg

Ref: SMVEC / IQAC /INT / AAA/ 2023-24 /01 dated 23.04.2024

The following non-conformance was received during the Academic and Administrative Audit (AAA) conducted by the internal Expert members nominated by IQAC for the academic year 2023-24 in ECE on 10th April 2024.

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	Involvement of faculty members in curriculum development has to be improved
2.7	List of Mandatory courses offered by the department	Relevant documents like induction program , physical education and professional ethics are not maintained in order
SECTION- III :TEACHING LEARNING AND EVALUATION		
3.4	Activities for slow, and advanced learners	The requisite evidence of sample copy of advanced and slow learners have to be maintained in the department
3.5	Counseling and Mentoring	The relevant records have to be updated and maintained in order
SECTION- VI : COLLABORATIONS AND LINKAGES		
6.1	Functional Memorandum of Understanding (MoU)	The outcomes of MoUs are not noticed.

In response to the previously mentioned non-conformance the following measures are being put in to effect.

Section No.	Particular	Action Taken
SECTION- II : CURRICULAR ASPECTS		
2.2	Participation of the faculty in the curriculum development for courses offered in UG and PG programs	The Faculty Specialization Group plays a crucial role in shaping the curriculum for undergraduate and graduate programmes.
2.7	List of Mandatory courses offered by the department	Relevant documents are maintained for induction program, and professional ethics. The Physical education related activities documentation has to be strengthened.
SECTION- III :TEACHING LEARNING AND EVALUATION		
3.4	Activities for slow, and advanced learners	Slow Learner activity documents are maintained in the department and the advanced learners are taken care by the respective course handling faculty and the documentation are insisted to be maintained.
3.5	Counseling and Mentoring	The relevant records have to be updated and maintained.
SECTION- VI : COLLABORATIONS AND LINKAGES		
6.1	Functional Memorandum of Understanding (MoU)	The outcomes of MoUs are insisted to be recorded and maintained.

Department takes careful consideration while offering corrections to any remarks made by the IQAC. Every section has been thoroughly reviewed to ensure that it is appropriate, and the supporting documentation is included for your reference.

Thanking You

Yours Truly

Dr.P.Raja

HoD/ECE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SMVEC / Head-CSE /INT / AAA/ 24

29-04-2024

Sir,

Sub: Action taken report for Non-conformances in AAA – Reg.

Ref: SMVEC / IQAC INT/ AAA/ 2023-2024 /01

Action taken report for Non-conformances in AAA, which was held on 08-04-2024. The following sections are Non-conformances and their action plan.

Section No.	Particular	Remarks	Action Plan
SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS			
5.3	Faculty Publications	Need to improve publications and action has to be initiated to have faculty publications in Scopus and SCI indeed journals.	Faculties are instructed to publish papers in Scopus and SCI indexed journals within six months.
SECTION – VI: COLLABORATIONS AND LINKAGES			
6.2	Functional Memorandum of Understanding (MoU)	Need to have more MoUs and related activities.	We have planned to sign three more MoUs in the upcoming months and to conduct activities regarding that.
SECTION – IX: ACHIEVEMENTS			
9.3	Details of faculty Appointed/ Nominated on Editorial Boards / Reviewer Bodies	Need to involve faculty members as resource persons on Editorial Boards / Reviewer Bodies	We assure you that we will take necessary actions regarding this.

Yours faithfully

HOD/CSE
Dr.K.Premkumar



DEPARTMENT OF INFORMATION TECHNOLOGY

SMVEC/Head-IT/INT/AAA/24

27.04.2024

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC / INT / AAA/ 2023-24 /01

Action Taken Report for Non-Conformances in AAA, which was held on 08th April 2024.

Section No.	Particular	Comments	Remarks
SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS			
5.1	Research grants, Projects completed and on-going from various funding agencies	Need to focus on funding Projects Need to improve on Patent Grant	Necessary steps have been initiated for the funding projects and Patent Grant.

Thanking you

Yours faithfully

HoD/IT
(Dr.R.Raju)

4/10/2011



DEPARTMENT OF MECHANICAL ENGINEERING

SMVEC/ Head-Mechanical /INT/AAA/01

27.4.2024

Respected Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC/IQAC/INT/AAA/2023-24/01

This is informing you that the internal academic and administrative audit was conducted on 09.4.24 at 2 PM in the Department of Mechanical Engineering.

Action Taken Report for Non-Conformance in AAA:

Section No.	Particular	Comments	Remarks
SECTION – III: Teaching, learning and evaluation			
3.7	Learning outcomes	CO-PO attainment has to be computed for all courses	Informed faculties to submit the CO-PO attainment for their respective courses.

Thanking you

Yours faithfully

HoD – Mechanical
(Dr.G.G.Sozhamannan)



DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

SMVEC/Head-ICE/INT/AAA/24

27.04.2024

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC /INT /AAA/ 2023-24 /01

Action Taken Report for Non-Conformances in AAA, which was held on 23.04.2024

Section No.	Particular	Contents	Remarks
SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS			
5.2	Consultancy Works	Consultancy work to be improved	Each faculty are advised to visit one company to get consultancy work within the month of July.
5.3	Faculty Publications	Focus on to publish SCI Indexed journals by the faculty members Focus on to publish books and book chapters by the faculty members	Faculty members are advised to publish in SCI Indexed journal only. One faculty must publish one paper per semester.
SECTION –VI : COLLABORATIONS AND LINKAGES			
6.2	Sponsored/Industry Projects	Need to get sponsored projects from industries	Will focus more on Sponsored and Industry projects within the last week of August.

Thanking you

Yours faithfully

Dr. L.M. Varalakshmi
26/4/24

HoD – ICE
(Dr.L.M.Varalakshmi)



DEPARTMENT OF CIVIL ENGINEERING

SMVEC/Head-Civil/INT/AAA/24

27.04.2024

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

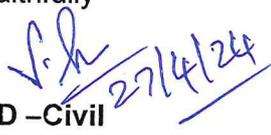
Ref: SMVEC / IQAC / INT/ AAA / 2023-24 / 01

Action Taken Report for Non-Conformance in AAA, which was held on 09.04.2024

Section No.	Particular	Comments	Remarks
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS			
5.3	Faculty Publications	Focus on more publication by faculty members	Faculties awaiting for publication acceptance for the Academic year 2023-2024 will be intimated to IQAC as and when the research work is accepted.
SECTION – VI: COLLABORATIONS AND LINKAGES			
6.2	Sponsored / Industry Projects	Need to improve on funded projects through industries	Consultancy work has been carried out and in the process of applying funds through industries under project.
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT			
8.1	Technical Event / Workshop for Student	Data on the conduction of technical events/workshops to be updated	Data Updated and submitted to IQAC.

Thanking you

Yours faithfully


HoD –Civil

(Dr.S.Sundararaman)



SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)

Puducherry - 605 107

DEPARTMENT OF MECHATRONICS

SMVEC / Head-MCTR / INT/ AAA/23-24

27-04-2024

Action taken report for Non-conformances in AAA

To

The IQAC Coordinator

Sri Manakula Vinayagar Engineering College

Puducherry – 605107

Sir,

Sub :Action Taken Report for Non-Conformances in AAA – Reg.

Ref :SMVEC / IQAC /INT / AAA/ 2023-2024 /01

Section No.	Particular	Comments	Remarks
SECTION – I: CURRICULAR ASPECTS			
2.1.2	Faculty subject preferences	Need to use standard format for faculty course willingness and allotment	Documents modified and standard format maintained faculty course willingness and allotment
SECTION 3: TEACHING, LEARNING AND EVALUATION			
3.3	3.1 List of experts lectures/Workshop Conducted.	Need to conduct the invited lectures as per the Academic plan	Three guest lectures are conducted for this semester as per the plan remaining guest lectures are arranged for the fourth coming semester
3.7	Learning Outcomes	Attainment of CO-PO outcomes have to submitted for all courses	Faculty members were informed during the department meeting about the completion of this file for the upcoming fourth semester.
SECTION – IV :STRUCTURED FEEDBACK			
4.1	Student,Parent and Alumini feedback	Need to improve the number of feedbacks from all stake holders	Records gathered and kept in the department for the fourth coming semester

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS

5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Need to focus get more research grants	Project guides are instructed to interact and collaborate with the industries to do industry oriented projects for the upcoming batch students
5.2	Consultancy Works	Need to improve the consultancy projects	Instructed to the faculty members concentrate the consultancy projects
5.3	Faculty Publications	Need to improve the faculty publications	Requested to the faculty members convert the final year project converted into the journal.

SECTION – VI: COLLABORATIONS AND LINKAGES

6.4	Functional Memorandum of Understanding (MoU)	Need to improve more functional MoUs	We got one MoUs signed in the month of Feb 2024.furthermore MoUs are planned in next semester
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SECTION – IX: ACHIEVEMENTS

9.2	Participation of teachers in various activities as a Members of Committees at University Level / State Level / National Level / International Level bodies	Need to improve the participation of faculty members	Faculty members are directed to focus on seminars, workshops, conferences, refresher courses, and orientation courses at the national and international levels.
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**HoD/MCTR****(Dr.G.Balamuruga Mohan Raj)**



SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)

Puducherry - 605 107

DEPARTMENT OF BIOMEDICAL ENGINEERING

SMVEC / Head-BME / INT/ AAA / 24

27-4-2024

Action taken report for Non-conformances in AAA

To

The IQAC Coordinator

Sri Manakula Vinayagar Engineering College

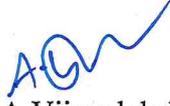
Puducherry – 605107

Sir,

Sub : Action Taken Report for Non-Conformances in AAA – Reg.

Ref : SMVEC / IQAC / INT / AAA / 2023-24 /01

Section No.	Particular	Comments	Remarks
SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS			
5.3	Faculty Publications	Need to focus on more publications from faculty members and filing of patents.	Efforts taken to publish Research Papers in the reputed journals during the month of June / July 2024 and to file patents
SECTION – VI: COLLABORATIONS AND LINKAGES			
6.2	Sponsored / Industry Projects	Need to improve on funded projects from industries.	Project guides are instructed to interact and collaborate with the industries to do industry oriented projects for the upcoming batch students


Dr.A.Vijayalakshmi
HOD/BME



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

SMVEC/ Head-AI&DS /INT/AAA/24

27.04.2024

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC / INT/ AAA / 2023-24 / 01

Action Taken Report for Non-Conformance in AAA, which was held on 9.04.2024.

Section No.	Particular	Comments	Remarks
SECTION –3: TEACHING, LEARNING AND EVALUATION			
3.4	Activities for Slow and Advanced Learners	Need to maintain sample evidence copy for advanced and slow learners in the department	Implemented a comprehensive system for maintaining sample evidence copies tailored specifically for both advanced and slow learners within the department. This includes regular updates, and collaborative efforts among faculty members to ensure inclusivity and effectiveness in our educational approach.
3.5	Counselling and Mentoring	Need to maintain mentoring records and relevant circulars to be arranged in chronological order	We have established a systematic approach to maintain mentoring records and relevant circulars, arranging them in chronological order for easy access and reference. This ensures the organization and accessibility of pertinent information, facilitating effective counselling and mentoring processes within the department.
3.7	Learning Outcomes	Need to prepare CO-PO outcomes for all courses	We have initiated the process of preparing Course Outcomes (CO) and Program Outcomes (PO) for all courses within the department. This involves comprehensive analysis in measuring learning outcomes across the curriculum.

SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS			
5.3	Faculty Publications	Need to improve faculty publications	We have implemented measures to enhance faculty publications by providing support for research activities, facilitating collaboration opportunities, and offering resources for academic writing and publishing. These initiatives aim to improve the quality and quantity of faculty publications, enhancing the reputation and scholarly contributions of our department.
SECTION – VI: COLLABORATIONS AND LINKAGES			
6.1	Functional Memorandum of Understanding(MoU)	Need to focus on adding more MoUs	Expand our portfolio of Functional Memorandums of Understanding (MoUs) by actively seeking new partnerships and collaborations. This includes identifying potential stakeholders, engaging in negotiation processes, and fostering mutually beneficial relationships to enhance the department's network and opportunities for collaboration.
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT			
8.1	Technical Event/ Workshop for Student	Need to maintain supporting documents for department activities	To maintain supporting documents for departmental activities, specifically technical events and workshops for students. This includes creating organized digital archives for event planning, participant lists, agendas, presentations, feedback forms, and any relevant correspondence.

Thanking you

Yours faithfully



HoD – AI&DS
(Dr.J.Madhusudanan)



DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

SMVEC/ Head-CSBS /INT/AAA/24

27.04.2024

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC / INT/ AAA / 2023-24 / 01

Action Taken Report for Non-Conformance in AAA, which was held on 09.04.2024.

Section No.	Particular	Comments	Remarks
SECTION –3: TEACHING, LEARNING AND EVALUATION			
3.7	Learning Outcomes	Need to complete CO-PO outcomes for all courses	We have initiated the process of preparing Course Outcomes (CO) and Program Outcomes (PO) for all courses within the department. This involves comprehensive analysis in measuring learning outcomes across the curriculum.
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS			
5.3	Faculty Publications	Need to have faculty publications in scopus and SCI indexed journals	We have implemented measures to enhance faculty publications by providing support for research activities, facilitating collaboration opportunities, and offering resources for academic writing and publishing. These initiatives aim to improve the quality and quantity of faculty publications, enhancing the reputation and scholarly contributions of our department.
SECTION – VIII: ACTIVITY CONDUCTED / ORGANIZED BY THE DEPARTMENT			
8.1	Technical Event / Workshop for student	Advised to conduct the number of events as planned in the academic calendar	We have initiated to conduct Technical Event / Workshop for student as planned in the academic calendar.

SECTION – IX: ACHIEVEMENTS

9.3	Details of Faculty Appointed / Nominated on Editorial Boards / Reviewers bodies	Need to involve faculty members as resource persons	We have taken necessary measures to faculty to involve in Editorial Boards / Reviewers bodies.
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Thanking you,

Yours faithfully,



HoD – CSBS
(Dr. N. Danapaquame)



DEPARTMENT OF COMPUTER AND COMMUNICATION ENGINEERING

SMVEC/Head-CCE/INT/AAA/2024

29.04.2024

Sir,

Sub: Action taken report for Non-conformances in AAA – Reg.

Ref: SMVEC / IQAC /INT/ AAA/ 2023-24 /01

Action taken report for Non-conformances in AAA, which was held on 9.04.2024. The following section are Non-conformances and their action plan.

S.No	Particular	Comments	Action plan
Section –III: Teaching, Learning and Evaluation			
Section-VI: Collaborations and Linkages			
6.2	Sponsored / Industry Projects	Need to improve Industry oriented projects and MOU's related activities	Approached the Industry for sponsored projects. To be achieved in upcoming academic year.
6.4	Functional Memorandum of Understanding (MoU)		
Section – VIII: Activity Conducted / Organized by the Department			
8.1	Technical Event/Workshop for Students	Need to organize more events for students.	Taken initiatives and organized additional events and workshops for students during this even semester. Proof will be submitted in upcoming academic year.
Section – IX: Achievements			
9.1	Awards and Prizes Received by Students	Need to improve students participation in various events.	By encouraging the students, they received awards and prizes in both technical and non-technical events during this even semester.
9.3	Details of faculty Appointed/ Nominated on Editorial Boards/ Reviewers bodies.	Need to involve faculty members as resource persons on editorial boards and reviewer bodies.	All the faculties are insisted to develop in their expertise areas and they will be recognized for their achievements.

Thanking you
Yours faithfully

V. Bharathi

HOD/CCE
Dr.V.Bharathi



FASHION TECHNOLOGY

From

DATE: 27.04.2024

The Head of the Department
Department of Fashion Technology
Sri Manakula Vinayagar Engineering College,
Madagadipet – 605107.

To

Internal Quality Assurance Cell,
Sri Manakula Vinayagar Engineering College,
Madagadipet – 605107.

Sub: Action Taken report on circular SMVEC/IQAC/INT/AAA/2023-2024/01 . Reg.

Respected Sir,

This is to inform you sir that, as per your Non-Conformances in AAA letter as a report of Academic and Administrative Audit (AAA) which was conducted in school of architecture on 9th April 2024, the following is the Action taken in our department.

Section No.	Particulars	Action Taken
SECTION-III: TEACHING ,LEARNING AND EVALUATION		
3.3	List of Expert Lectures / Workshop Conducted	Insisted the Faculty to follow the standard formats for preparation of reports of all activities.
SECTION-V: RESEARCH,INNOVATION AND PUBLICATIONS		
5.1	Research Grants,Projects completed and ongoing from various funding agencies	Insisted the faculty members to focus to get research grants and industrial projects.
5.2	Consultancy Works	Insisted the faculty members to improve the consultancy works.
9.3	Details of Faculty Appointed / Nominated on Editorial Boards / Reviewers bodies	Insisted the Faculty members to participate more on editorial boards or reviewer bodies.

Thanking You

Yours Sincerely,

HOD/Fashion Technology



SCHOOL OF ARCHITECTURE

From

DATE: 27.04.2024

The Principal,
School of Architecture,
Sri Manakula Vinayagar Engineering College,
Madagadipet – 605107.

To

Internal Quality Assurance Cell,
Sri Manakula Vinayagar Engineering College,
Madagadipet – 605107.

Sub: Action Taken report on circular SMVEC/IQAC/INT/AAA/2023-2024/01 . Reg.

Respected Sir,

This is to inform you sir that, as per your Non-Conformances in AAA letter as a report of Academic and Administrative Audit (AAA) which was conducted in school of architecture on 9th April 2024, the following is the Action taken in our department.

Section No.	Particulars	Action Taken
SECTION-III: TEACHING ,LEARNING AND EVALUATION		
3.3	3.1 List of Expert Lectures / Workshop Conducted	Insisted the Faculty to follow the standard formats for preparation of reports of all activities. (Old Activity reports formats were revised)
SECTION-V: RESEARCH,INNOVATION AND PUBLICATIONS		
5.1	Research Grants,Projects completed and ongoing from various funding agencies	Insisted the faculty members to focus to get research grants and industrial projects.
5.2	Consultancy Works	Insisted the faculty members to improve the consultancy works.
9.3	Details of Faculty Appointed / Nominated on Editorial Boards / Reviewers bodies	Insisted the Faculty members to participate more on editorial boards or reviewer bodies.

Thanking You

Yours Sincerely,

Ar.S.Manoharan



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SMVEC/Head-MCA/INT/AAA/23

27.04.2024

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC / INT/ AAA / 2023-24 / 01

Action Taken Report for Non-Conformance in AAA, which was held on 09.04.2024

Section No.	Particular	Comments	Remarks
SECTION – V : RESEARCH, INNOVATION AND PUBLICATIONS			
5.1	Research Grants, Projects completed and on going from various Funding	Need to get research grants and funded projects.	Necessary steps taken to get Grants and funding projects.
5.3	Faculty Publications.	Need to improve faculty Publications	Faculties are initiated to convert final year projects into journals.
SECTION – VI: COLLABORATIONS AND LINKAGES			
8.1	Technical Event/Workshop for student	Need to conduct technical events as committed in the academic calendar.	Necessary actions are taken to conduct workshop and technical event in forthcoming academic calendar.

Thanking you

Yours faithfully

HoD –MCA
(Mr.R.Ramakrishnan)



DEPARTMENT OF MANAGEMENT STUDIES

SMVEC/Head-MBA/01/AAA/24

27.04.2024

Sir,

Sub: Action Taken Report for Non-Conformances in AAA – Reg.

Ref: SMVEC / IQAC / 02/ Note/24/01 dated 27-03-2024

Action Taken Report for Non-Conformances in AAA, which was held on 09.04.2024.

S.NO	PARTICULARS	COMMENTS	ACTION TAKEN
SECTION – IV: STRUCTURED FEED BACK			
	Student, Parents, Alumni feedback	Need to submit the students Exit Survey	The document was prepared as per the instruction given by the internal audit committee members.
SECTION – V: RESEARCH, INNOVATION AND PUBLICATIONS			
5.1	Research Grants, Projects completed and ongoing from various Funding Agencies	Need to get research grants and funded projects	Instructed eligible faculties to apply various funding agencies to get research grants and projects
5.2	Consultancy Works	Need to improve consultancy work	Encouraged all the faculties to approach the industries to get projects for consultancy works.
5.3	Faculty Publications	Need to improve faculty publications	Instructed all faculties to publish the articles in Scopus, Web of science, ABDC. Etc. Indexed journals
SECTION – VII: STUDENTS PROGRESSION			
7.3	Entrepreneur	Need to have evidence on the number of students as entrepreneurs	For the past 6 months there is no entrepreneurs our department.
SECTION – VIII: ACTIVITY CONDUCTED/ORGANISED BY THE STUDENTS			
8.1	Technical Event/Workshop for Students	Need to conduct technical events as committed in the academic calendar	Three events have been successfully held according to the academic calendar, and the remaining events are scheduled to take place soon.

Thanking you

Yours faithfully

Dean/MBA
(Dr.D.Saravanan)



SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)



Approved by

Accredited by

