

PONDICHERRY UNIVERSITY

39thANNUALREPORT 2024-25
(1st April 2024 to31st March 2025)

(Anycolumnwithinsufficientdata/informationwillsummarilyberejected)

FORMAT–II for Affiliated Institutions

1. No.of Students admitted during 2024-25

Sl. No.	Nameofthe Course [(e.g.)B.A.Tamil]	Admission			Male								Female							
		Total	M	F	G E N	O B C	E W S	M i n	S C	S T	P H	F S*	GE N	O B C	E W S	M i n	S C	S T	P H	FS*
1.	B.Tech (ECE)	2	2											2						
2.	B.Tech (EEE)	3	3			3														
3.	B.Tech (IT)	9	5	4	1	4							1	3						
4.	B.Tech – (CSE)	8	5	3		3		1	1					3						
5.	B.Tech- (Mech)	-																		
6	B.Tech- (AI&DS)	8	7	1		3		2	2					1						
7	PG : MBA	4	2	2		2								1			1			

*FS –Foreign students

2. No.of Students on Roll during 2024-25

Sl. No.	Nameofthe Course [(e.g.)B.A.Tamil]	OnRoll			Male								Female							
		Total	M	F	G E N	O B C	E W S	M i n	S C	S T	P H	FS*	G E N	O B C	E W S	M i n	S C	S T	P H	FS*
1.	B.Tech (ECE)	19	13	6		11	1		1					5			1			
2.	B.Tech (EEE)	20	20			19			1											
3.	B.Tech (IT)	91	59	32		48		3	8				1	27	1	1	2			
4.	B.Tech – (CSE)	120	79	41	3	55		11	9		1			29		6	6			
5.	B.Tech- (Mech)	15	15			12			3											
6	B.Tech- (AI&DS)	2	2			1		1												
7	PG : MBA	11	5	6		3		1	1					2	2		2			

*FS –Foreign Students

3. Distinctions/Awards/Prizes/ Honours received by the faculty.

Sl. No.	Nameof the faculty	Nameof the Award	Awardedby	Date

4. Conferences/National/International Seminars/Workshops/Training Coursesorganized bythe college (sponsored by UGC, AICTE, CSIR, DBT etc.) attended by faculty

Sl.No.	Nameofthe Faculty	Number of Seminar / Conference/Workshop organised	Sponsoredby	Number of Seminar/ Conference / Workshop attended	Period/Date
1.	Mr.K.Murugan HoD /ECE	Bridging Technical Education and Leadership	MSME , Puducherry	4	10.03.25 to 15.03.25
		Comprehensive Framework for institutional Academic & Administrative Excellence align with NAAC.	NAAC.		20.12.2024
		IQAC Readiness for NAAC binary Framework	NAAC.		15.10.24
		ISO 21001: your guide to navigating NAAC's New Binary Framework	NAAC.		21.09.2024
2.	Mrs.S. Sultana Farveen SAP/ECE	Bridging Technical Education and Leadership	MSME , Puducherry	5	10.03.25 to 15.03.25
		VLSI	SKILLDIZRE Collabaration with AICTE		17.03.2025 to 31.03.2025
		Comprehensive Framework for institutional Academic & Administrative Excellence align with NAAC.	NAAC.		20.12.2024
		ISO 21001: your guide to navigating NAAC's New Binary Framework	NAAC.		21.09.2024

		Qualitative Techniques for Management and social Science Research.			24.06.2024 To 28.06.24
3.	Mrs. H.Rajeswary AP/ECE	Bridging Technical Education and Leadership	MSME , Puducherry	4	10.03.25 to 15.03.25
		PCB	SKILLDIZRE Collabaration with AICTE		17.03.2025 to 31.03.2025
		Recent Advances in Renewable Energy for sustainable Development			21.01.05 To 24.01.25
		IQAC Readiness for NAAC binary Framework			15.10.24
4.	Mr.J.Balaji, AP/ECE	Bridging Technical Education and Leadership	MSME , Puducherry	4	10.03.25 to 15.03.25
		Recent Advances in Renewable Energy for sustainable Development			21.01.05 To 24.01.25
		FDP by ICT Academy titled Team Building and Managing	ICT ACADEMY		22.01.25 To 24.01.25
		Qualitative Techniques for Management and social Science Research.			24.06.2024 To 28.06.24
5.	Mrs. N.Subhathra Devi AP/ECE	Bridging Technical Education and Leadership	MSME , Puducherry	2	10.03.25 to 15.03.25
		VLSI	SKILLDIZRE Collabaration with AICTE		17.03.2025 to 31.03.2025
6	Mr.B.Murugan Assoc.Prof/HOD - EEE	Career opportunities in space & allied industries	Explore The Space	10	14.08.2024
		Renewable Energy Development in India and plans to achieve the 500 GW target by 2030	Renewable Energy Society of India		20.08.2024
		Artificial Intelligence And Optimization Techniques Using Matlab	NITTTR Chandigarh		07.10.2024-11.10.2024
		Python for Chemical Engineers	Gayathri Vidhya Paishad College of Engineering, Andrapradesh		9.12.2024-13.12.2024
		5G Communication Networks	PSN college of Engineering and Technology		09.12.2024-13.12.2024
		IoT Based machine learning approaches for smart agriculture (IMLSA2024)	AICTE,ATAL		16.12.2024-21.12.2024
		Design for manufacturing and advance automation for industry 4.0	ATAL		20.01.2025-25.01.2025
		Recent Advances in Renewable Energy for Sustainable Development	AMET University Chennai		20.01.2025-24.01.2025
		Traditional Knowledge-Intellectual property and people rights	Indian Knowledge system division ministry of education		7.04.2025
		Bridging Technical Education and Leadership	MSME Puducherry		10.03.25 to 15.03.25
7	Mrs.K.Gowri SAP/EEE	Harnessing Artificial Intelligence For Healthcare Excellence: Innovation, Insight and Impacts”	SRM institute of Science and Technology	7	24.06.2024-29.06.2024
		The basic of Machine and deep learning	Chase Technology		22.07.2024-26.07.2024
		Exploring Machine Learning & Cyber Security: Tools and Trends	Sri Venkateswara College of Engineering (SVCE),Sriperumbudur.		05.08.2024 to 09.08.2024
		Career opportunities in space & allied industries	Explore The Space		14.08.2024
		Renewable Energy Development in India and plans to achieve the 500 GW target by 2030	Renewable Energy Society of India		20.08.2024
		Recent Advances in Renewable Energy for Sustainable Development	AMET University Chennai		20.01.2025-24.01.2025
		Bridging Technical Education	MSME Puducherry		10.03.25 to

		and Leadership			15.03.25
8	Mrs.R.Alamelu AP/EEE	The basic of Machine and deep learning	Chase Technology	6	22.07.2024-26.07.2024
		Exploring Machine Learning & Cyber Security: Tools and Trends	Sri Venkateswara College of Engineering (SVCE), Sriperumbudur.		05.08.2024 to 09.08.2024
		Renewable Energy Development in India and plans to achieve the 500 GW target by 2030	Renewable Energy Society of India		20.08.2024
		Career opportunities in space & allied industries	Explore The Space		14.08.2024
		Recent Advances in Renewable Energy for Sustainable Development	AMET University Chennai		20.01.2025-24.01.2025
		Bridging Technical Education and Leadership	MSME Puducherry		10.03.25 to 15.03.25
9	Dr.A.Sendil Kumar Assoc.Prof/EEE	Recent Advances in Renewable Energy for Sustainable Development	AMET University Chennai	3	20.01.2025-24.01.2025
		EV: Technology, power system energy management, testing and certification	AICTE,ATAL		23.12.2024-28.12.2024
		Bridging Technical Education and Leadership	MSME Puducherry		10.03.25 to 15.03.25
10	Dr.N.Sowri Raja Pillai, HOD/IT	Bridging Technical Education and Leadership	MSME Puducherry	1	10.03.25 to 15.03.25
11	Mrs.C.Thangalatha, SAP/IT	Bridging Technical Education and Leadership	MSME Puducherry	4	10.03.25 to 15.03.25
		FDP by Global Academy of Technology			03.02.25 to 08.02.25
		FDP by SkillDzire in collaboration with AICTE			17.03.25 to 31.03.25
		FDP by Dayananda Sagar University			08.07.25
12	Mr.K.Purushothaman, SAP/IT	Bridging Technical Education and Leadership	MSME Puducherry	3	10.03.25 to 15.03.25
		FDP by SVCET with ICT Academy			22.01.25 to 24.01.25
		FDP by Dayananda Sagar University			08.07.25
13	Mrs.V.Narmada, AP/IT	Bridging Technical Education and Leadership	MSME Puducherry	2	10.03.25 to 15.03.25
		FDP by Dayananda Sagar University			08.07.25
14	Mrs.G.Deebika, AP/IT	Bridging Technical Education and Leadership	MSME Puducherry	1	10.03.25 to 15.03.25
15	Mrs.B.Chithra, AP/IT	FDP by Dayananda Sagar University		1	08.07.25
16	Mrs.D.Thamizhisai	FutureED with AI event	FutureED, Masai	4	25.07.2024
		MERN Stack Web Development	TechSaksham Program, AICTE		23.09.2024
		Applied AI: Practical Implementation	TechSaksham Program, AICTE		14.10.2024
		Bridging Technical Education and Leadership	MSME , Puducherry		10.03.2025
17	Mrs.U.Uthaya Chanthiriga	FutureED with AI event	FutureED, Masai	4	25.07.2024
		MERN Stack Web Development	TechSaksham Program, AICTE		23.09.2024
		Applied AI: Practical Implementation	TechSaksham Program, AICTE		14.10.2024
		Bridging Technical Education and Leadership	MSME , Puducherry		10.03.2025
18	Mrs.P.Chandini	FutureED with AI event	FutureED, Masai	4	25.07.2024
		MERN Stack Web Development	TechSaksham Program, AICTE		23.09.2024
		Applied AI: Practical Implementation	TechSaksham Program, AICTE		14.10.2024
		Bridging Technical Education and Leadership	MSME , Puducherry		10.03.2025
19	Mr.D.Tamilselvan	Bridging Technical Education and Leadership	MSME , Puducherry	1	10.03.2025
20	Mrs.N.Udayalakshmi	Bridging Technical Education and Leadership	MSME , Puducherry	1	10.03.2025
21	Mrs.R.Sharmila	Bridging Technical Education and Leadership	MSME , Puducherry	1	10.03.2025
22.	Mr .A.S.	Outcome based Education	RAAKCET	2	21.12.24

	Vijayananthan	Bridging Technical Education and Leadership	MSME , Puducherry		10.03.2025
23.	Dr.P.Prasannaa	Outcome based Education	RAAKCET	4	21.12.24
		Bridging Technical Education and Leadership	MSME , Puducherry		10.03.2025
		Recent advance in renewable energy in sustainable Development	AMET UNIVERSITY		21.01.25
		Progress in mechanical Engineering	SRM University		14.10.24
24	Mr. S. Jayaraja Rakesh	Outcome based Education	RAAKCET	3	21.12.24
		Bridging Technical Education and Leadership	MSME , Puducherry		10.03.2025
		Recent advance in renewable energy in sustainable Development	AMET UNIVERSITY		21.01.25
25	Mr.V. Athisakthidhasan	Outcome based Education	RAAKCET	3	21.12.24
		Bridging Technical Education and Leadership	MSME , Puducherry		10.03.2025
		Recent advance in renewable energy in sustainable Development	AMET UNIVERSITY		21.01.25

Details of placements of students during 2024-25 (includingoffcampus)

Nameof the Department	Course	Companyplaced	No.ofPlacement	SalaryPackage per Annum
Electronics and Communication Engineering	B.Tech	Sutherland	2	2.20 to 2.50 LPA
		Rane(Madras)	9	17,861 per month
		Star Health and Allied Insurance Co. Ltd	3	20,000 per month
		ZF	9	2.3 LPA
		ThinkSynq	10	2 LPA
		Integra	12	2.15 LPA
		Claidas	1	2 LPA
		Sriram Chits	2	2.1 LPA
		Windcare	4	2 LPA
EEE	B.Tech	SUTHERLAND	2	2.5 LPA
		RANE MADRAS	9	2 LPA
		INTEGRA	10	1.8 LPA to 2.15 LPA
		ZF COMMERCIAL VEHICLE SYSTEM INDIA LTD	13	1.5 LPA
		WIND CARE INDIA PVT.LTD	5	1.68LPA
		THINKSYNQ	6	2 LPA
		SHRIRAM CHITS	3	3 LPA
		STAR HEALTH INSURANCE	3	3 LPA
Information Technology	B.Tech	Sutherland	9	2.20 to 2.50 LPA
		Rane(Madras)	12	17,861 per month
		Star Health and Allied Insurance Co. Ltd	9	20,000 per month
		ZF	8	2.3 LPA
		ThinkSynq	10	2 LPA
		Integra	19	2.15 LPA
		Claidas	3	2 LPA
		Sriram Chits	2	2.1 LPA
CSE	B.Tech	SUTHERLAND	15	2.5 LPA
		RANE MADRAS	12	2 LPA
		INTEGRA	31	1.8 LPA to 2.15 LPA
		ZF COMMERCIAL VEHICLE SYSTEM INDIA LTD	08	1.5 LPA
		CLAIDAS TECHNOLOGIES	02	2 LPA
		THINKSYNQ	08	2 LPA
		SHRIRAM CHITS	03	3 LPA
		STAR HEALTH INSURANCE	08	3 LPA

MECHANICAL	B.Tech	ZF COMMERCIAL VEHICLE SYSTEM INDIA LTD	2	1.5 LPA
		INTEGRA	1	1.8 LPA to 2.15 LPA
		RANE MADRAS	1	2 LPA
		SUTHERLAND	1	2.5 LPA
		SHRIRAM CHITS	1	3 LPA
		WIND CARE INDIA PVT,LTD	1	1.8 LPA
MBA	PG	Laksh Source Business Soltuions Pvt Ltd.	06	2 LPA
		Sriram chit Pvt Ltd	05	3 LPA
		Star Health Insurance	04	3 LPA

5. Detailsofprojectssanctionedandbeingimplementedduring2024-25

SI.No.	TitleoftheProjectandNameof the Investigator	SponsoringAuthorityand SanctionLr.No.withdate	Totalfunds provided(Rs.in lakhs)	No.ofJRF/ SRF / RA

6. ResearchpublicationsbythefacultyinNational/Internationaljournals(UGCapproved& peer reviewed journals only)

SI.No.	Nameofthe Faculty	Mention Journals/Books/ BookChapter	Number ofpublications			
			National	International	State/ Local	Total
1.	Mr.K.Murugan, HoD /ECE	Real time monitoring of forest fire detection and object detection using Node MCU		4		4
		Vehicle collision avoidance at hairpin curves using Ultrasonic Sensor				
		A CRN based Radio Resource Optimization using Machine Learning				
		Improving Diabetic Retinopathy Detection by using Image Processing and Machine Learning				
2.	Mrs.S. Sultana Farveen, SAP/ECE	Vehicle collision avoidance at hairpin curves using Ultrasonic Sensor		2		2
		A CRN based Radio Resource Optimization using Machine Learning				
3.	Mrs. H.Rajeswary AP/ECE	Improving Diabetic Retinopathy Detection by using Image Processing and Machine Learning		1		1
4.	Mr.J.Balaji AP/ECE	Real time monitoring of forest fire detection and object detection using Node MCU		1		1
5	Mr.B.Murugan HOD/EEE	Identification of batch reactor process using Extreme Learning Machine based Hammerstein and Hammerstein-Wiener Models	3	3		3
		Smart Transformer using PLC and SCADA				
		AI Driven SCADA Monitoring and Protection System for Transformer Using IoT and Real Time Analytics				
6	K.Gowri SAP/EEE	Dual Sources Energy Harvesting System	1	2		3
		Smart Highway Dual Energy Harvesting system				
		Hybrid Energy Accumulating system for Smart Highway Sustainability				
7	R.Alamelu AP/EEE	Efficient Ultra High Voltage Conversion Using Multistage Boost Technology	1	2		3
		Ultra-High Voltage Boost converter using Multistage Topology				
		Ultra-High Voltage Boost converter using Multistage				

		Topology				
8	A.Sendilkumar, Asso.Prof/EEE	PV battery based AC/DC Hybrid multiport power routing system Modeling and Analysis of Electric Field distribution of the polymeric nanocomposite under various stress conditions Influence of nanoparticle on polypropylene random copolymer nanocomposite for HV application Influence of High frequency system of waveforms on life of polymeric enamel insulation PV Battery based AC/C hybrid multiport LLC converter for power routing system	3	3		6
9.	Dr.N.Sowri Raja Pillai HOD/IT	1. A Scalable Multi-Attribute- Based Non Replicative Authentication for CPS Based Cloud Resource Sharing. 2. Energy-Conserving Real-Time Task Scheduling via Edge Computing with Random Forest Algorithm.		2		2
10	Mrs.C.Thangalatha, SAP/IT	1.Automated machine Learning Orchestration Using PYCARET and STREAMLIT		1		1
11.	Mrs.V.Narmada, AP/IT	1.Securinjg Data Transfer Using Parallel Encryption based on Different Metadata		1		1
12	Mrs.P.Chandini, SAP/CSE	Secure and Transparent Smart Agriculture: Integrating Blockchain Technology with IoT for Enhanced Data Integrity and Efficiency in Agricultural System		1		1
13	Mrs.D.Thamizhisai	Residual Error-Enhanced Deep Learning for High Sensitivity Intrusion Detection in 6G IoT Advanced Threat Detection Using Quantum Neural Networks in RANSOMEWARE Protection		2		2
14	Mrs.U.Uthaya chanthiriga, AP/CSE	Residual Error-Enhanced Deep Learning for High Sensitivity Intrusion Detection in 6G IoT		1		1
15	Mr .A.S. Vijayananthan	Effect of air resistance due to gasification systems components on the dual fuel engine		1		1
16	Dr.P.Prasannaa	Hydrogen energy production and fuel genration		1		1
17	Dr. A. Sudhanraj	Journal	1	8		9
18	Mr.S.Anto Martin Pradeep	Journal	-	8		8
19	Ms. J. Poovitha	Journal	-	1		1