

FACULTY PUBLICATIONS

Sl. No .	Name	Title of the paper	Name of the conference	National / International
25-26(24 july to 25 june)				
1.	Dr..A.Jeyanthi Mrs.G Priyaa Sri	BEAM: An AI-Powered Cybersecurity Assistant for Proactive Threat Detection and Mitigation	IEEE-ICCDs INTERNATIONAL CONFERENCE ON COMPUTING AND DATA SCIENCE	https://doi.org/10.1109/ICCDs64403.2025.11209136
2.	Dr..A.Jeyanthi Mrs.G Priyaa Sri	GeneCare: An AI-Powered System for Disease Prediction, Personalized Treatment, and Risk Monitoring	IEEE-ICCDs INTERNATIONAL CONFERENCE ON COMPUTING AND DATA SCIENCE	https://doi.org/10.1109/ICCDs64403.2025.11209651
24-25(24 july to 25 june)				
1	Mrs.A.Jeyanthi	GeneCare: An AI-Powered System for Disease Prediction, Personalized Treatment, and Risk Monitoring	2025 International Conference on Computing and Data science	International
2	Dr. A. Meena Kabilan	A Study on AI based Business Intelligence	Recent Innovation in Technologies (ICRIT'25)	International
3	Dr. A. Meena Kabilan	<u>AI - Powered Chatbots for E-Commerce Platforms</u>	Recent Innovation in Technologies (ICRIT'25)	International
4	Dr. A. Meena Kabilan	<u>Early Detection of Pneumonia and Covid'19 in Chest X- Ray images using ViT</u>	Recent Innovation in Technologies (ICRIT'25)	International
5	Dr. A. Meena Kabilan	<u>Data Driven Decision Making : Breakthroughs in Modern Business Intelligence</u>	Recent Innovation in Technologies (ICRIT'25)	International

6	Dr. A. Meena Kabilan	<u>Developing AI Tools for business process automation</u>	Recent advancements in Science, Engineering&Technologies (RASET-2025)	National
7	Dr. A. Meena Kabilan	<u>Empowering Business Intelligence through predictive analysis</u>	Recent advancements in Science, Engineering&Technologies (RASET-2025)	National
9	Mrs.G Priyaa Sri	Enhanced Malignant Lymphoma Classification Using an Explainable Dilated MobileNetV2 and Convolutional-Recurrent Neural Network	2025 11th International Conference on Communication and Signal Processing (ICCSP) -	International
10	Mr D.Vinod	A novel hybrid automatic intrusion detection system using machine learning technique for anomalous detection based on traffic prediction	2nd International Conference on Data Science And Business Systems	International
11	Mr D.Vinod	Arrhythmia Detection and Classification with Hybrid Deep Learning with Pity Beetle Optimization Model	2024 Second International Conference on Advances in Information Technology (ICAIT)	International
12	Mrs.A.Jeyanthi	Quality Assesment using LLM and Prompt Engineering	International Journal of Science, Engineering and Technology	ISSN (Online): 2348-4098 \ ISSN (Print):2395-4752
13	Dr. A. Meena Kabilan	Empowering Business Intelligence through Predictive Analytics	International Journal for Research in Engineering Application & Management (IJREAM)	Volume 11, Issue 02

14	Mr D.Vinod	AI-Integrated Wellness Ecosystem: A Holistic platform for mental, physical and nutritional health management	International Journal of Scientific Research & Engineering Trends IJSRET	Volume 11, Issue 3, May-June-2025, ISSN (Online): 2195-966X
15	Mrs. R Ramya	Android Malware Detection Using Multi-Domain Feature Analysis And Deep Learning Models	International Journal for Science and Advance Reseach in Technology (IJSART)	Volume 11 Issue 5, ISSN [ONLINE]: 2395-1052
16	Dr. A. Meena Kabilan	A Machine Learning Based Framework For Early Mental Health Assessment Among Students	International Journal for Science and Advance Reseach in Technology (IJSART)	Volume 11, Issue 5

22-23(22 july to 23 june)

1	Mrs.G Priyaa Sri	Design System of Intelligent Healthcare System Using IoT-driven ECG Signals with Machine Learning	The Patent Office Journal No. 07/2023	International
2	Mrs.G Priyaa Sri	A HIGHLY ADVANCED DEEP LEARNING BASED AUTOMATED BANANA LEAF PICKING ROBOT FOR FUNCTIONS TO REDUCE WASTAGE OF HUMAN RESOURCES	The Patent Office Journal No. 07/2023	International

23-24(23july to 24 june)

1	Mrs.A.Jeyanthi	Enhanced TwoStream Bayesian Hyperparameter Optimized 3D-CNN Inception-v3 Based Drop-ConvLSTM2D Deep Learning Model for Human Action Recognition	Information Technology and Control	1392-124X vol. 53, no. 1, pp. 53-70 scopus indexed Impact factor 2.0
3	Mrs.A.Jeyanthi	Real Time Lip Reading Using CV and DL	Journal of Novel Research and Innovative Developoment	JNRID ISSN 2984-8687, Volume 2, Issue 5.
4	Mrs.A.Jeyanthi	Patrolling Robot Using Deep Learning and Raspberry Pi	INTERNATIONAL JOURNAL FOR SCIENCE AND ADVANCE RESEARCH IN TECHNOLOGY	IJSART, Volume 10 Issue 3.
5	Mrs.A.Jeyanthi	Longchain based question answering system	Journal of Novel Research and Innovative Developoment	JNRID ISSN 2984-8687, Volume 2, Issue 5. JNRID ISSN 2984-8687.
6	Mrs.A.Jeyanthi	Wild animal alert system using deep learning	International Journal of Science and Research inTechnology	IJSART, Volume 10, Issue 4, ISSN : 2395-1052
7	Mrs.A.Jeyanthi	Integrating AI-ML and GIS for Flood Assessment and resilience Planning	International Journal of Science and Research inTechnology	IJSART - Volume 10 Issue 5, ISSN [ONLINE]: 2395-1052
8	Mrs.A.Jeyanthi	Speech and text to sign language translator using 3D Avatar	International Journal of Science and Research inTechnology	IJSART-Volume 10 Issue 5, IJART ISSN [ONLINE] : 2395-1052
9	Mrs.A.Jeyanthi	Deepfake detection using vision Transformer	International Journal of Science and Research inTechnology	Volume 10, Issue 5, ISSN : 2395-1052
10	Mrs.A.Jeyanthi	Augmented Reality-Enabled Restaurants	International Journal of Science and Research inTechnology	IJSART - Volume 10 Issue 3, ISSN: 2395-1052

11	Mrs.A.Jeyanthi	AI Enhanced Disaster Response Drone”	International Journal of Science and Research inTechnology	IJSART - Volume 10 Issue 3, ISSN : 2395-1052.
12	Mrs.G Priyaa Sri	Speech and text to sign language translator using 3D Avatar	International Journal of Science and Research inTechnology	IJSART-Volume 10 Issue 5, IJART ISSN [ONLINE] : 2395-1052
13	Mrs.G Priyaa Sri	Neuroimaging Stroke Prediction with Machine and Deep Learning	International Journal of Scientific Research & Engineering Trends	Volume 11, Issue 3, May-June-2025, ISSN (Online): 2395-566X

Faculty FDP

2024-25	Mrs. A Jeyanthi	Associate Professor	Atal FDP on Exploring Advanced Data Science Tools Techniques and Trends
			One week national level FDP on AI Tools by AICTE
			NPTEL - Deep Learning
			NPTEL - Learning Analytics Tool
			NPTEL - Python for Data Science
	Mrs. G Priyaa Sri	Assistant Professor	Atal FDP on "Advancements in AI for Healthcare and Medical Imaging"
			Atal FDP on Generative AI and Its Applications in Computer Vision
			NPTEL - Python for Data Science
			FDP on AI Tools by St.Joseph's college with AICTE
			Workshop on Assumptions and Diagnostics in ANOVA and Regression Models
	Mrs. R Ramya	Assistant Professor	Atal FDP on "Artificial Intelligence Edge – Soft Computing"
			NPTEL - Data Analytics Using Python
			NPTEL - Python for Data Science
			Atal FDP on Generative AI: Innovations in Creativity, Industry Applications, and Ethical Challenges
	Mr. S.K. Vijai Anand	Assistant Professor	FDP on Exploring Machine Learning Cyber Security: Tools and Trends
			ATAL FDP on Quantum Computing
			Natural Language Processing Techniques (Naan Mudhalvan, TNSDC)

	Mr. D. Vinod	Assistant Professor	ATAL The future of Quantum computing and High-performance computing NPTEL Course on Python for Data Science One week national level FDP on AI Tools by AICTE
2023-24	Mrs. A Jeyanthi	Associate Professor	Workshop on “Mastering AI tools” at KCG college of technology Six days PDP on “Outcome-based Education” by NITTR NPTEL - Introduction to Machine Learning FDP on Microsoft Azure AI Engineer Associate by ICT Academy
			Workshop on Code Craft: Foundations of Python Programming
			Workshop on Matlab Modelling and Simulation
			Naan mudhalvan-DEVOPS
	Mrs. G Priyaa Sri	Assistant Professor	Workshop on Beginning Statistical Analysis With R
			FDP on Cyber security, Cyber defence & digital Forensics
			PDP on Outcome Based Education by NITTR
			Workshop on Art of Research Paper writing
			International FDP on Research tools
	Mrs. R Ramya	Assistant Professor	Three days of workshop on “Mastering AI tools” at KCG college of technology
2022-23	Mrs. A Jeyanthi	Associate Professor	Three days FDP on AI conducted by Tamil Nadu Skill Development Corporation
	Mrs. G Priyaa Sri	Assistant Professor	FDP on Essentials of Science & PLS-SEM using Smart PLS4
			FDP on Cloud Computing: Prepare, Set and Compute
			FDP on Data Analytics using Power BI
	Mrs. R Ramya	Assistant Professor	Workshop on IOT Based Smart Community at MIT Campus, Anna University

Faculty Awards

1.Dr.A.Jeyanythi HoD/ADS received best Associate Professor Award of the college for the academic year 2024-25.

1.Dr.Meen Kabilan Professor/ADS, Best Teacher Award 2024 Organized by IQ International Academy @ Dr. Radhakrishnan Teacher's Day Award Ceremony.

2.Dr.Meena Kabilan Professor/ADS

Best Teacher Award 2023 organized by Aram Foundation.

3.Mrs. G.Priyaa Sri, AP/ADS

Received Emerging Tesearcher Award from Lear Elite Society on 2nd March 2025.

Faculty professional development

1.Dr.A.Jeyanthi delivered a Handson session on Hugging face models eco system for the STTP on February 2025.

2.Dr.Meena Kabilan , Delivered lecture on Stress Management, Personality Development, Soft skills, Motivational Talk for various institutions as

Panimalar Institute of Technology, Poonamalle, Chennai

The TN Dr.MGR Medical University, Guindy, Chennai

Sankara Old Age Home, Chromepet, Chennai

C.L.Baid Metha College of Pharmacy, Thoraipakkan, Chennai

Govt. Siddha Medical College, Arumbakkam, Chennai.