ANNAMACHARYA UNIVERSITY, RAJAMPET

CONSOLIDATED REPORT OF R&D ACTIVITIES

List of conferences Attended by the faculty during-2024-25
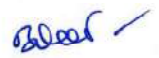
Department of AI&DS

S.NO	Name of the Faculty	Department	Title of the Paper	Name of the Conference/Seminar	Mode of Conduct (Offline Or Online)	National/ International	Duration (from - to) (DD-MM-YYYY)	Name of the Organizing Institute/College	Address
1	Dr. P. Phanindra Kumar Reddy	AI&DS	AI in finance: enhancing credit card fraud detection using Machine learning, improving accuracy, real time prevention and increasing financial security.	7th Student Research Conference on Artificial Intelligence & Cyber Security held on 1st May 2025 at Middle East College - Muscat, OMAN	Online	International	01-05-2025	Middle East College - Muscat, OMAN	OMAN
2	Dr. P. Phanindra Kumar Reddy	AI&DS	Incorporating meteorological data and pesticide information to forecast crop yield using ML & AI	7th Student Research Conference on Artificial Intelligence & Cyber Security held on 1st May 2025 at Middle East College - Muscat, OMAN	Online	International	01-05-2025	Middle East College - Muscat, OMAN	OMAN
3	Dr. K. Uday Kumar Reddy	AI&DS	Innovative AI Solutions for Drug Dependence: Rehabilitation Assessment with XGBoost, Random Forest and Neural Networks.	7th Student Research Conference on Artificial Intelligence & Cyber Security held on 1st May 2025 at Middle East College - Muscat, OMAN	Online	International	01-05-2025	Middle East College - Muscat, OMAN	OMAN
4	Dr. K. Uday Kumar Reddy	AI&DS	Smart Serve: An AI-powered Virtual Assistant Designed to Streamline Task	7th Student Research Conference on Artificial Intelligence & Cyber Security held on 1st May 2025 at Middle East College - Muscat, OMAN	Online	International	01-05-2025	Middle East College - Muscat, OMAN	OMAN
5	Mr. B. Pandu Ranga Raju	AI&DS	Word Embeddings and Classification Techniques: Enhancing Accuracy in Fake News Detection and Analysis Methods	7th Student Research Conference on Artificial Intelligence & Cyber Security held on 1st May 2025 at Middle East College - Muscat, OMAN	Online	International	01-05-2025	Middle East College - Muscat, OMAN	OMAN

6	Mr. B. Pandu Ranga Raju	AI&DS	AI-Powered Techniques for Automated Article Summarization to Enhance Information Retrieval	7th Student Research Conference on Artificial Intelligence & Cyber Security held on 1st May 2025 at Middle East College - Muscat, OMAN	Online	International	01-05-2025	Middle East College - Muscat, OMAN	OMAN
7	Mr. A. Ramesh Babu	AI&DS	Development and Implementation of a Secure Document Analysis and Chatbot System for Context-Aware User Interactions	7th Student Research Conference on Artificial Intelligence & Cyber Security held on 1st May 2025 at Middle East College - Muscat, OMAN	Online	International	01-05-2025	Middle East College - Muscat, OMAN	OMAN
8	Mr.B.Venkatesu Goud	AI&DS	AI-Based Fraud Detection in Banking Transactions: Enhancing Security and Efficiency with Machine Learning and Predictive Analytics Techniques	7th Student Research Conference on Artificial Intelligence & Cyber Security held on 1st May 2025 at Middle East College - Muscat, OMAN	Online	International	01-05-2025	Middle East College - Muscat, OMAN	OMAN
9	Mrs.N.Swathi	AI&DS	AI-Enhanced Recruitment System: Transforming Online Hiring Processes with Intelligent Automation for Improved Talent Acquisition and Efficiency	7th Student Research Conference on Artificial Intelligence & Cyber Security held on 1st May 2025 at Middle East College - Muscat, OMAN	Online	International	01-05-2025	Middle East College - Muscat, OMAN	OMAN
10	Mrs.N.Swathi	AI&DS	Enhancing Fake Image Detection: Combining Machine Learning and Deep Learning Techniques for Accurate and Real-Time Verification	7th Student Research Conference on Artificial Intelligence & Cyber Security held on 1st May 2025 at Middle East College - Muscat, OMAN	Online	International	01-05-2025	Middle East College - Muscat, OMAN	OMAN
11	Miss. M.Joshnna	AI&DS	A scenario-based predictive method for vulnerability detection and avoidance of intrusions in wireless sensors that uses predictive algorithms	7th Student Research Conference on Artificial Intelligence & Cyber Security held on 1st May 2025 at Middle East College - Muscat, OMAN	Online	International	01-05-2025	Middle East College - Muscat, OMAN	OMAN
12	Mr. U. Naresh Kumar	AI&DS	Breaking Language Barriers Real Time Translation for Effortless Conversations	7th Student Research Conference on Artificial Intelligence & Cyber Security held on 1st May 2025 at Middle East College - Muscat, OMAN	Online	International	01-05-2025	Middle East College - Muscat, OMAN	OMAN
13	Mr. B. Pandu Ranga Raju	AI&DS	Advanced Recruitment Strategies in Business Intelligence Systems: A Comparative Study of Machine Learning Models	2025, 8th International Conference on Trends in Electronics and Informatics (ICOEI)	Online	International	24-04-2025 & 26-04-2025	SCAD College of Engineering and Technology	Tirunelveli, India

14	Dr. K. Uday Kumar Reddy	AI&DS	Machine Learning Based Theft Detection using YOLO object Detection and Gen AI	8th International Conference on Inventive Computation Technologies (ICICT'25)	Online	International	23-04-2025 & 25-04-2025	Tribhuvan University, Nepal.	Nepal.
15	Mr. U. Naresh Kumar	AI&DS	Harnessing Advanced AI Techniques for Code Generation: Transforming Software Development with Intelligent Automation and Predictive Algorithms	8th International Conference on Inventive Computation Technologies (ICICT'25)	Online	International	23-04-2025 & 25-04-2025	Tribhuvan University, Nepal.	Nepal.
16	Dr. P. Phanindra Kumar Reddy	AI&DS	Advanced Phishing Detection System: Integrating Deep Learning, Machine Learning and Transformers for Real-Time Protection	International Conference on Research & Development in Information, Communication & Computing Technologies (ICRDICCT'25)	Online	International	04-04-2025 & 05-04-2025	EGS Pillay Engineering College-Nagapattinam	Nagapattinam, Tamilnadu
17	Mr. A. Ramesh Babu	AI&DS	Fake Profile Detection on Social Networking Websites Using Machine Learning	International Conference on Research & Development in Information, Communication & Computing Technologies (ICRDICCT'25)	Online	International	04-04-2025 & 05-04-2025	EGS Pillay Engineering College-Nagapattinam	Nagapattinam, Tamilnadu
18	Mr. S. Ashok Kumar	AI&DS	Key Nutritional Practices for Optimizing Soil Health and Ensuring Effective Crop Production: Strategies for Sustainable Agricultural Success	International Conference on Research & Development in Information, Communication & Computing Technologies (ICRDICCT'25)	Online	International	04-04-2025 & 05-04-2025	EGS Pillay Engineering College-Nagapattinam	Nagapattinam, Tamilnadu
19	Miss. S. Prasanna	AI&DS	Innovative Machine Learning Approaches for early diabetes prediction: Enhancing accuracy and timeliness in disease detection through advanced predictive analytics	International Conference on Research & Development in Information, Communication & Computing Technologies (ICRDICCT'25)	Online	International	04-04-2025 & 05-04-2025	EGS Pillay Engineering College-Nagapattinam	Nagapattinam, Tamilnadu
20	Miss. M.Joshnna	AI&DS	Object detection, Tracking and alert system for visually impaired persons.	International Conference on Research & Development in Information, Communication & Computing Technologies (ICRDICCT'25)	Online	International	04-04-2025 & 05-04-2025	EGS Pillay Engineering College-Nagapattinam	Nagapattinam, Tamilnadu
21	Mrs. P. Renuka	AI&DS	Intelligent OTT Platform System using Advanced Machine Learning Techniques	International Conference on Research & Development in Information, Communication & Computing Technologies (ICRDICCT'25)	Online	International	04-04-2025 & 05-04-2025	EGS Pillay Engineering College-Nagapattinam	Nagapattinam, Tamilnadu
22	Dr. P. Phanindra Kumar Reddy	AI&DS	Revolutionizing E-Commerce Customer Support: Advanced AI-Powered Chatbots for Enhanced User Experience & Operational Efficiency	2025 International Conference on Intelligent Computing and Control Systems (ICICCS)	Online	International	19-03-2025 & 21-03-2025	Nandha College of Technology, Erode, India	Erode, India

23	Mr. S. Ashok Kumar	AI&DS	Intelligence Pest Detection and Control in Agriculture Using Computer Vision and Deep Learning	2025 International Conference on Intelligent Computing and Control Systems (ICICCS)	Online	International	19-03-2025 & 21-03-2025	Nandha College of Technology, Erode, India	Erode, India
24	Miss. S. Prasanna	AI&DS	Traffic-Flow Predictor: Predicting Traffic Volume and Patterns	2025 International Conference on Intelligent Computing and Control Systems (ICICCS)	Online	International	19-03-2025 & 21-03-2025	Nandha College of Technology, Erode, India	Erode, India
25	Miss. S. Prasanna	AI&DS	Applications and Advancement of Nanoparticle -Based Drug Delivery in Lung Cancer Treatment	2025 , 3rd International Conference on Integrated Circuits and Communication Systems (ICICACS)	Online	International	21-02-2025 & 22-02-2025	Visvesvaraya College of Engineering, Raichur	Raichur, India
26	Dr. K. Uday Kumar Reddy	AI&DS	Exploring Diabetic Retinopathy Diagnosis: Insights from a Comprehensive Literature Review and Initial Fundus Image Analysis	2024 International Conference on Electrical Electronics and Computing Technologies (ICEECT)	Online	International	29-08-2024 & 31-08-2024	Sharda University, Greater Noida	Greater Noida
27	Dr. P. Phanindra Kumar Reddy	AI&DS	Integrated Methodology for Early Glaucoma Diagnosis Using Retinal Fundus Images	2024 International Conference on Electrical Electronics and Computing Technologies (ICEECT)	Online	International	29-08-2024 & 31-08-2024	Sharda University, Greater Noida	Greater Noida
28	Dr. P. Phanindra Kumar Reddy	AI&DS	Exploring Diabetic Retinopathy Diagnosis: Insights from a Comprehensive Literature Review and Initial Fundus Image Analysis	2024 International Conference on Electrical Electronics and Computing Technologies (ICEECT)	Online	International	29-08-2024 & 31-08-2024	Sharda University, Greater Noida	Greater Noida
29	Dr. P. Phanindra Kumar Reddy	AI&DS	AI-Enhanced Analysis of Unsteady Convection in Copper-Water Nanofluid Flow over a Vertically Moving Porous Plate	2024 Intelligent Systems and Machine Learning Conference (ISML)	Online	International	04-05-2024 & 05-05-2024	CMR Institute of Technology, Hyderabad	Hyderabad, India
30	Dr. P. Phanindra Kumar Reddy	AI&DS	Machine Learning Analysis of Free Convection Flow through a Porous Medium in a Third-Grade Vertical Channel: A Comprehensive Exploration	2024 Intelligent Systems and Machine Learning Conference (ISML)	Online	International	04-05-2024 & 05-05-2024	CMR Institute of Technology, Hyderabad	Hyderabad, India
31	Mr. B. Pandu Ranga Raju	AI&DS	Optimizing Natural Language Understanding: A Comprehensive Study of Python's Top Libraries	2024, 6th International Conference on Cybernetics, Cognition and Machine Learning Applications (ICCCMLA)	Online	International	19-10-2024 & 20-10-2024	CMR Institute of Technology, Hyderabad	Hamburg, Germany
32	Mr. B. Pandu Ranga Raju	AI&DS	Integrated Methodology for Early Glaucoma Diagnosis Using Retinal Fundus Images	2024 International Conference on Electrical Electronics and Computing Technologies (ICEECT)	Online	International	29-08-2024 & 31-08-2024	Sharda University, Greater Noida	Greater Noida

33	Mr. B. Pandu Ranga Raju	AI&DS	Integrated Deep Learning Methodology for Early Glaucoma Detection and Diagnosis using Retinal Fundus Images	2024 International Conference on Advances in Computing Research on Science Engineering and Technology (ACROSET)	Online	International	07-09-2024 & 28-09-2024	Acropolis Institute of Technology and Research	Indore, India
34	Mr. S. Ashok Kumar	AI&DS	Integrated Methodology for Early Glaucoma Diagnosis Using Retinal Fundus Images	2024 International Conference on Electrical Electronics and Computing Technologies (ICEECT)	Online	International	29-08-2024 & 31-08-2024	Sharda University, Greater Noida	Greater Noida
35	Mr.B.Venkatesu Goud	AI&DS	Penetration of Artificial Intelligence Techniques to Enhance the Agricultural Productivity and the Method of Farming; Opportunities and Challenges	First International Conference on Emerging Technologies & Computing Innovations ICETCI_2025	Online	International	22-02-2025 & 23-02-2025	MG Aricent Educational Foundation Yavatmal, Maharashtra, India	Nashik, India.
36	Mr. U. Naresh Kumar	AI&DS	Predicting Crops Based on Soil and Environmental Characteristics Using ARIMA and LSTM Model	2024 , 4th International Conference on Mobile Networks and Wireless Communications (ICMNWC)	Online	International	04-12-2024 & 05-12-2024	Sri Siddharatha Institute of Technology, Tumkuru, India	Tumkuru, India
37	Dr. P. Phanindra Kumar Reddy	AI&DS	Online voting system with biometric authentication integrating facial and fingerprint recognition for enhanced electroral integrity	(ICCCE)International Conference on Communications and Cyber -Physical Engineering (July 19-20, 2024)	Online	International	19-07-2024 & 20-07-2024	GITS-Hyderabad	GITS-Hyderabad
38	Dr. P. Phanindra Kumar Reddy	AI&DS	Leaf classifier developing: A plant specifies identification model with transfer learning	(ICCCE)International Conference on Communications and Cyber -Physical Engineering (July 19-20, 2024)	Online	International	19-07-2024 & 20-07-2024	GITS-Hyderabad	GITS-Hyderabad
39	Mr. S. Ashok Kumar	AI&DS	Analyzing travel preferences based on demographic factors and recommending tourist destinations: A case study of India and global travel	(ICCCE)International Conference on Communications and Cyber -Physical Engineering (July 19-20, 2024)	Online	International	19-07-2024 & 20-07-2024	GITS-Hyderabad	GITS-Hyderabad
40	Mr. A. Ramesh Babu	AI&DS	Predicting stock prices with advanced Deep learning techniques : An LSTM based approach	(ICCCE)International Conference on Communications and Cyber -Physical Engineering (July 19-20, 2024)	Online	International	19-07-2024 & 20-07-2024	GITS-Hyderabad	GITS-Hyderabad

R & D Co-ordinator

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