

ANNAMACHARYA UNIVERSITY, RAJAMPET

CONSOLIDATED REPORT OF R&D ACTIVITIES

List of Research Papers published by the faculty during- 2024-25

Department of AI&DS

S.No	Name of the Author(s)	Department of the Author(s)	Title of the paper	Name of the Journal	Volume	Issue	Page Numbers (Ex: 102-110)	Day of publication	Month of publication	Year of publication	National	International	ISSN / ISBN	ICI / UGC Care	Scopus	SCI	Web of Science (SCIE / ESCI)	Other	Journal link (DOI)	Link to the notification in UGC enlistment of the Journal	Link to the notification in Scopus enlistment of the Journal	Link to the notification in WoS enlistment of the Journal
1	B. Panda Ranga Raju, Fahimuddin Shaik, Ayesha Hussain.S, Hemanthini.D, Kethana.P, Lakshmi Akhila	AI&DS	Advanced Recruitment Strategies in Business Intelligence Systems: A Comparative Study of Machine Learning Models	IEEE Xplore			1628-1631	30-05-2025	May	2025		International	979-8-3315-4460-7		Scopus						https://doi.org/10.1109/ICOEI659.86.2025.11013069	
2	B. Panda Ranga Raju, Bharathi Thunga, Kurukula Arun Kumar, D. Ganesh, Avula Chitty, K. Reddy Madhavi	AI&DS	Face Recognition Using MTCNN and FACENET and Classification Using SVM Classifier	Springer LNNS	1245	(SoCPaR 2023) Volume 2: Deep learning & Large language Models	342-353	25-05-2025	May	2025		International	Lecture Notes in Networks and Systems Volume 2, 1245		Scopus						https://doi.org/10.1007/978-3-031-81083-1_34	
3	P. Phanindra Kumar Reddy , L. Hari Krishna, A. Ramesh Babu, Fahimuddin Shaik, K. Uday kumar Reddy	AI&DS	Machine Learning Analysis of Free Convection Flow through a Porous Medium in a Third-Grade Vertical Channel: A Comprehensive Exploration	IEEE Xplore			734 - 738	23-05-2025	May	2025		International	979-8-3503-4387-8		Scopus						https://doi.org/10.1109/ISML6005.0.2024.11007381	
4	L. Hari Krishna, P. Phanindra Kumar Reddy, A. Ramesh Babu, Fahimuddin Shaik, K. Uday kumar Reddy	AI&DS	AI-Enhanced Analysis of Unsteady Convection in Copper-Water Nanofluid Flow over a Vertically Moving Porous Plate	IEEE Xplore			728-733	23-05-2025	May	2025		International	979-8-3503-4387-8		Scopus						https://doi.org/10.1109/ISML6005.0.2024.11007442	
5	P. Phanindra Kumar Reddy , Fahimuddin Shaik , S. Sreedhar Gowd, V. Sudheer , S. Sivannad , K. Siva Kumar	AI&DS	Revolutionizing E-Commerce Customer Support: Advanced AI-Powered Chatbots for Enhanced User Experience & Operational Efficiency	IEEE Xplore			1477-1480	12-05-2025	May	2025		International	979-8-3315-1208-8		Scopus						https://doi.org/10.1109/ICICCS64.191.2025.10985648	

6	S. Ashok Kumar Fahimuddin Shaik B. Yashwitha P. Vidyavathi A.Uma Maheswari P. Sparthi	AI&DS	Intelligence Pest Detection and Control in Agriculture Using Computer Vision and Deep Learning	IEEE Xplore			1147-1150	12-05-2025	May	2025		International	979-8-3315-1208-8		Scopus					https://doi.org/10.1109/ICICCS65.191.2025.109846 11	
7	S. Prasanna Fahimuddin Shaik, S. Dileep Jawahar Reddy, K. Deekshith Reddy D. Dileep Kumar D. Ajay Gowd	AI&DS	Traffic-Flow Predictor: Predicting Traffic Volume and Patterns	IEEE Xplore			1151-1155	12-05-2025	May	2025		International	979-8-3315-1208-8		Scopus					https://doi.org/10.1109/ICICCS65.191.2025.109846 22	
8	Ms P. Renuka, , Fahimuddin Shaik, Shariq Anjum Shaik, Shaik Mahammad Fareed , C. Om Tharun Kumar Reddy , R. Vamsi Vardhan Reddy	AI&DS	Advanced Image Generation using Generative Adversarial Networks (GANs): Innovations in Creating High-Quality Synthetic Images with AI	IEEE Xplore			1414-1418	12-05-2025	May	2025		International	979-8-3315-1208-8		Scopus					https://doi.org/10.1109/ICICCS65.191.2025.109850 61	
9	Karamala Naveen & Ramesh Peramallesetty, M. Joshua, K. Navaz, L. Jnyasree, K. Reddy Madhavi	AI&DS	Navigating the E-Learning Landscape: A Systematic Evaluation of Website Performance using the Weighted Sum Method	Springer LNNS	1246	(SoCPaR 2023) Volume 3: Information Retrieval and Applications	419-428	04-05-2025	May	2025		International	Lecture Notes in Networks and Systems Volume 3, 1246		Scopus					https://link.springer.com/chapter/10.1007/978-3-031-88992-9_42	
10	Ch. Srinivasamurthy, Pandu Ranga Raju, T. Venkata krishna moorthy, K. Padmaja, T. Devaraja, K. Reddy Madhavi	AI&DS	Detection of Deep Vein Thrombosis Using Machine Learning for CT Images	Springer LNNS	1243	(SoCPaR 2023) Volume 1: Smart Health care	414-421	25-04-2025	April	2025		International	Lecture Notes in Networks and Systems Volume 1, 1243		Scopus					https://doi.org/10.1007/978-3-031-81080-0_38	
11	Kiran Kumar Maguluri, M. Chandra Sekhar, Sandip Dashtoth Gornhetwar, S. Prasanna, M. Anusuya, K. Vallarasa	AI&DS	Applications and Advancement of Nanoparticle - Based Drug Delivery in Lung Cancer Treatment	IEEE Xplore			1 to 6	24-04-2025	April	2025		International	979-8-3315-0845-6		Scopus					https://doi.org/10.1109/ICICCS65.191.2025.109868 508	

12	Pattapaka Varshitha Kachi Anvesh N. Sai Yashwanth Y. Varun Prasad A. Ramesh Babu	AI&DS	Foreign Object Debris Detection Using YOLOv5	Springer LNNS	421	(FICTA 2024) Conferences proceedings © 2025	253-263	29-03-2025	March	2025	International	Lecture Notes in Networks and Systems, volume 421	Scopus					https://link.springer.com/chapter/10.1007/978-981-96-0143-1_20	
13	M.Sivapratap Reddy, P. Phanindra Kumar Reddy	AI&DS	A Survey on Exploring Advances and Challenges in Social Spam Detection Through Machine Learning Approaches	Springer LNNS	1152	CIPR 2024, Vol 1	425-433	05-03-2025	March	2025	International	Lecture Notes in Networks and Systems Volume 1, 1152	Scopus					https://link.springer.com/chapter/10.1007/978-981-97-8090-7_31	
14	U. Nareesh Kumar, K. Madana Mohan, S. Pragadeeswari, Jobin M. Scaria Baseera .A, D. Seenevasan	AI&DS	Predicting Crops Based on Soil and Environmental Characteristics Using ARIMA and LSTM Model	IEEE Xplore			1 to 6	20-02-2025	February	2025	International	979-8-3315-2834-8	Scopus					https://doi.org/10.1109/ICMNYC63764.2024.10871993	
15	B.Pandu Ranga Raju, Baloraju Vijaya Lakshmi, S.Ashok Kumar, K.Uday Kumar Reddy, Shaik Karimullah, Fahimuddin Shaik	AI&DS	Optimizing Natural Language Understanding: A Comprehensive Study of Python's Top Libraries	IEEE Xplore			559-563	11-02-2025	February	2025	International	979-8-3315-0579-0	Scopus					https://doi.org/10.1109/IUCCMLA63077.2024.10871883	
16	G.Amjad Khan, N.Deepthi, Fahimuddin Shaik, B.Pandu Ranga Raju, Shaik Karimullah, Peddapullabagari Hariobalesu	AI&DS	Integrated Deep Learning Methodology for Early Glaucoma Detection and Diagnosis using Retinal Fundus Images	IEEE Xplore			1 to 4	12-11-2024	November	2024	International	979-8-3503-8880-0	Scopus					https://doi.org/10.1109/ACROSE762108.2024.10743780	
17	K. Uday kumar Reddy , M.Mallikowari P. Phanindra Kumar Reddy, Fahimuddin Shaik, Peddapullabagari Hariobalesu	AI&DS	Exploring Diabetic Retinopathy Diagnosis: Insights from a Comprehensive Literature Review and Initial Fundus Image Analysis	IEEE Xplore			01 to 05	04-11-2024	November	2025	International	979-8-3503-7809-2	Scopus					https://doi.org/10.1109/ICRECT61758.2024.10739014	

18	S.Ashok Kumar, B.Pandu Ranga Raju, Balaraju Vijaya Lakshmi, P.Phanindra Kumar Reddy, Shaik Karimullah, Fahimuddin Shaik	AI&DS	Integrated Methodology for Early Glaucoma Diagnosis Using Retinal Fundus Images	IEEE Xplore			1 to 6	04-11-2024	November	2024		International	979-8-3503-7809-2		Scopus					https://doi.org/10.1109/ICEECTo.1758.2024.10739184	
19	S. Murugesan, S. Ashok Kumar, K. Tamilselvi T. Thiagarajan	AI&DS	PRIVACY-PRESERVING TECHNIQUES IN BIG DATA AND INFORMATION SECURITY	ICTACT JOURNAL ON COMMUNICATION TECHNOLOGY			3320-3324	01-09-2024	September	2024		International	ISSN: 2229-6948 (ONLINE)		UGC					DOI: 10.21917/ijct.2024.0493	



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