

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES- RAJAMPET

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

RESEARCH PUBLICATIONS 2024-25

S.No.	Name of the Author(s)	Title of the paper	Name of the Publication	Volume & Issue No.	Page No.	ISSN/ISBN	SCI/Scopus/WoS /UGC/ICI etc.,	Month & Year of Publication
1	B. Pandu Ranga Raju, Fahimuddian Shaik, Ayesha Hussain.S, Hemanthini.B, Kethana.P, Lakshmi Akhila	Advanced Recruitment Strategies in Business Intelligence Systems: A Comparative Study of Machine Learning Models	IEEE Xplore		1628-1631	979-8-3315-4460-7	Scopus	30-05-2025
2	B. Pandu Ranga Raju, Bharathi Thunga, Kurakula Arun Kumar, D. Ganesh, Avula Chitty, K. Reddy Madhavi	Face Recognition Using MTCNN and FACENET and Classification Using SVM Classifier	Springer LNNS	Volume2 1245	342–353	Lecture Notes in Networks and Systems Volume 2, 1245	Scopus	25-05-2025
3	P. Phanindra Kumar Reddy, L. Hari Krishna, A. Ramesh Babu, Fahimuddin Shaik, K. Uday Kumar Reddy	Machine Learning Analysis of Free Convection Flow through a Porous Medium in a Third-Grade Vertical Channel: A Comprehensive Exploration	IEEE Xplore		734 - 738	979-8-3503-4387-8	Scopus	23-05-2025

4	L. Hari Krishna, P. Phanindra Kumar Reddy, A. Ramesh Babu, Fahimuddin Shaik, K. Uday Kumar Reddy	AI-Enhanced Analysis of Unsteady Convection in Copper-Water Nanofluid Flow over a Vertically Moving Porous Plate	IEEE Xplore		728-733	979-8-3503-4387-8	Scopus	23-05-2025
5	P. Phanindra Kumar Reddy, Fahimuddin Shaik, S. Sreedhar Gowd, V. Sudheer, S. Sivanand, K. Siva Kumar	Revolutionizing E-Commerce Customer Support: Advanced AI-Powered Chatbots for Enhanced User Experience & Operational Efficiency	IEEE Xplore		1477-1480	979-8-3315-1208-8	Scopus	12-05-2025
6	S. Ashok Kumar, Fahimuddin Shaik, B. Yashwitha, P. Vidyavathi, A. Uma Maheswari, P. Spurthi	Intelligence Pest Detection and Control in Agriculture Using Computer Vision and Deep Learning	IEEE Xplore		1147-1150	979-8-3315-1208-8	Scopus	12-05-2025
7	S. Prasanna Fahimuddin Shaik, S. Dileep Jawahar Reddy, K. Deekshith Reddy, D. Dileep Kumar, D. Ajay Gowd	Traffic-Flow Predictor: Predicting Traffic Volume and Patterns	IEEE Xplore		1151-1155	979-8-3315-1208-8	Scopus	12-05-2025
8	P. Renuka, Fahimuddin Shaik, Shariq Anjum Shaik, Shaik Mahammad	Advanced Image Generation using Generative Adversarial Networks (GANs):	IEEE Xplore		1414-1418	979-8-3315-1208-8	Scopus	12-05-2025

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9	Karamala Naveen & Ramesh Peramalasetty, M. Joshna , K. Navaz, L. Jayasree, K. Reddy Madhavi	Navigating the E-Learning landscape: A Systematic Evaluation of Website Performance using the Weighted Sum Method	Springer LNNS	Volume3 1246	419-428	Lecture Notes in Networks and Systems Volume 3, 1246	Scopus	04-05-2025
10	Ch. Srinivasmurthy, Pandu Ranga Raju , T. Venkata Krishna Moorthy, K. Padmaja, T. Devaraju, K. Reddy Madhavi	Detection of Deep Vein Thrombosis Using Machine Learning for CT Images	Springer LNNS	Volume1 1243	414-421	Lecture Notes in Networks and Systems Volume 1, 1243	Scopus	25-04-2025
11	Kiran Kumar Maguluri, M. Chandra Sekhar, Sandip Dashtath Gorshetwar, S. Prasanna , M. Anusuya , K. Vallarasu	Applications and Advancement of Nanoparticle -Based Drug Delivery in Lung Cancer Treatment	IEEE Xplore		1 to 6	979-8-3315-0845-6	Scopus	24-04-2025
12	Puttapaka Varshitha, Kachi Anvesh, N. Sai Yashwanth, Y. Varun Prasad, A. Ramesh Babu	Foreign Object Debris Detection Using YOLOv5	Springer LNNS	Volume 421	253–263	Lecture Notes in Networks and Systems, Volume 421	Scopus	29-03-2025

13	M.Sivapratap Reddy, P. Phanindra Kumar Reddy	A Survey on Exploring Advances and Challenges in Social Spam Detection Through Machine Learning Approaches	Springer LNNS	Volume1 1152	425-433	Lecture Notes in Networks and Systems Volume 1, 1152	Scopus	05-03-2025
14	U. Naresh Kumar, K. Madana Mohan, S. Pragadeeswarn, Jobin M. Scaria Baseera. A, D. Seenevasan	Predicting Crops Based on Soil and Environmental Characteristics Using ARIMA and LSTM Model	IEEE Xplore		1 to 6	979-8-3315-2834-8	Scopus	20-02-2025
15	B.Pandu Ranga Raju, Balaraju Vijaya Lakshmi, S.Ashok Kumar, K.Uday Kumar Reddy, Shaik Karimullah, Fahimuddian Shaik	Optimizing Natural Language Understanding: A Comprehensive Study of Python's Top Libraries	IEEE Xplore		559-563	979-8-3315-0579-0	Scopus	11-02-2025
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17	K. Uday Kumar Reddy, M.Malleeswari	Exploring Diabetic Retinopathy Diagnosis: Insights from a	IEEE Xplore		1 to 5	979-8-3503-7809-2	Scopus	04-11-2024

	P. Phanindra Kumar Reddy , Fahimuddin Shaik, Peddapullaiahgari Hariobulesu	Comprehensive Literature Review and Initial Fundus Image Analysis						
18	S.Ashok Kumar, B.Pandu Ranga Raju , Balaraju Vijaya Lakshmi, P.Phanindra Kumar Reddy , Shaik Karimullah, Fahimuddian Shaik	Integrated Methodology for Early Glaucoma Diagnosis Using Retinal Fundus Images	IEEE Xplore		1 to 6	979-8-3503-7809-2	Scopus	04-11-2024
19	S. Murugesan, S. Ashok Kumar , K. Tamilselvi T. Thiyagarajan	Privacy-Preserving Techniques in Big Data and Information Security	ICTACT Journal on Communication Technology		3320-3324	ISSN: 2229-6948 (ONLINE)	UGC	Sep-24