

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

ACADEMIC YEAR: 2024-25				
JOURNALS				
Sl No:	Name of the Faculty	Title of the Paper	DOI Number	Indexing Status
1	Dr Sumam Mary Idicula	A Study of the State-of-the-Art Approaches and Datasets for Multilingual Natural Language Inference	https://doi.org/10.1007/s11063-024-11673-2	SCIE 25 October 2024
2	Dr Sumam Mary Idicula	A Systematic Survey of Automatic Image Description Generation Systems	https://doi.org/10.1142/S0219467826500026	ESCI, Scopus 18 June 2024
3	Ms Lekshmi R	MNEMONIC: Multikernel contrastive domain adaptation for time-series classification”, Engineering Applications of Artificial Intelligence, Elsevier, No. 133 (2024): 108255.	https://doi.org/10.1016/j.engappai.2024.108255	SCIE, Scopus July 2024
4	Ms Anoop S	Video Anomaly Localisation using Modified faster RCNN with Soft NMS Algorithm International Journal of Data Analytics	https://link.springer.com/article/10.1007/s41060-024-00591-0	ESCI, Scopus 08 July 2024
5	Dr Jina Varghese	A novel approach for long-term secure storage of domain independent videos	https://doi.org/10.1016/j.jvcir.2024.104279	Scopus October 2024
CONFERENCES				
1	Dr Sumam Mary Idicula	GUI Element Detection via YOLOV8: A Deep Learning Approach for Widget Identification	https://doi.org/10.1109/ICTEST60614.2024.10576164	IEEE Xplore, Scopus July 2024
2	Dr Cerene Mariam Abraham	Designing Assistive Smart Glasses for Sudden Vision Loss: Empowering the Elderly and Technology-Averse Users	https://doi.org/10.1109/ETIS64005.2025.10960972	IEEE Xplore, Scopus April 2025
3	Dr Priya C V	Skill Mount: Personalised Career Skills Development Using Machine Learning Algorithms	https://doi.org/10.1109/ICAC63692.2024.10845560	IEEE Xplore Scopus January 2025
4	Dr Priya C V Ms Angel Varghese	Design and Functionality of an Agrobot: A Conceptual Framework	https://doi.org/10.1109/ICITIIT61487.2024.10580854	IEEE Xplore Scopus July 2024
5	Dr Jina Varghese	MoleculeXpert: A Novel Architecture for Expert-Level Molecule Analysis of HIV Inhibition	https://doi.org/10.1109/ICTEST60614.2024.10576129	IEEE Xplore, Scopus July 2024
6	Mr Sumesh M S	Illegitimate Comment Filtration Method for Social Media Applications Using Logistic Regression	https://doi.org/10.1007/978-981-97-2611-0_14	Scopus June 2024
7	Dr Priya C V	TransLp: AI Driven Video Translation and Synchronization,	https://doi.org/10.1109/ICTEST64710.2025.11042317	IEEE Xplore Scopus June 2025
8	Ms Rija Jose	FairHire:AI-Driven Resume Profiling and Technical Interview Automation,	https://doi.org/10.1109/ICTEST64710.2025.11042555	IEEE Xplore Scopus June 2025
9	Ms Anjaly Muralidharan	Dual approach for video summarization:Key frame captioning and Audio Summarization,	https://doi.org/10.1109/ICTEST64710.2025.11042834	IEEE Xplore Scopus June 2025

10	Ms Dimple Elizabeth Baby	Fine Tuning Tiny LLaMA and GPT-2 with Proximal Policy optimization for Sentiment Enhancement and Toxicity Reduction,	http://dx.doi.org/10.1109/ICTEST64710.2025.11042287	IEEE Xplore Scopus June 2025
11	Ms Divya K S	HER SHIELD: Speech Emotion Recognition for Women's safety,	https://doi.org/10.1109/ICTEST64710.2025.11042720	IEEE Xplore, Scopus June 2025
12	Dr Priya C V	Integrated ML Approach for Fake News Detection	https://ieeexplore.ieee.org/document/10958473	IEEE Xplore April 2025
13	Dr Sreenu G	Schematic Review on the Application of Blockchain & IOT integration with Sentiment Analysis in Supply chain management	10.1109/ETIS64005.2025.10961615	IEEE Xplore April 2025
BOOK CHAPTERS				
Sl.No	Faculty	Title of the Book Chapter	DOI number/ISSN	Indexing Status
1	Dr Sumam Mary Idicula	A deep learning approach for underwater feature extraction	https://doi.org/10.1201/9781003587392-78	Taylor & Fransis