

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

AY 2025- 26

Sl No	Category	Faculty	Title
1	Book Chapters	SUMAM MARY IDICULA	Translation of Sanskrit (Shlokas)- Malayalam using Deep Learning Techniques
2	Journal Papers	SUMAM MARY IDICULA	A Systematic Survey of Automatic Image Description Generation Systems
3	International Conferences	SUMAM MARY IDICULA	Authorship Attribution of Malayalam Biblical Texts using Deep Learning
4	Journal Papers	SUMAM MARY IDICULA	STC-Traj2vec: Spatiotemporal context, An integrated trajectory representation learning for clustering
5	Journal Papers	SUMAM MARY IDICULA	An Efficient Hybrid Deep Learning Approach for Translating Sanskrit Shlokas into Malayalam with Linguistic Preprocessing
6	Book	ANGEL VARGHESE, PRIYA C V	Agrobot: An Intelligent Crop Management Robot for Sustainable Crop Production and Precision Farming
7	Conferences Proceeding	ANOOPA S	Complexity Analysis of Hierarchical Tucker-Based Tensor Decomposition in 3D CNN and LSTM Architectures for Video Data
8	International Conferences	ANOOPA S	ISL -Malayalam translation system: machine learning for low resource sign language recognition.
9	International Conferences	CERENE MARIAM ABRAHAM	AI-Based Communication Interface for Special Needs Children
10	International Conferences	CERENE MARIAM ABRAHAM	Design and Development of an Event-Driven Surveillance for Privacy-Preserving Fall Detection and Reporting in Care Environments using Video Summaries

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11	International Conferences	CERENE MARIAM ABRAHAM	Ariyaam: An explainable AI framework for Multimodal Health Claim Verification Using Evidence-Based Semantic Retrieval
12	International Conferences	CHINCHU JACOB	Travel Navigator: A Generative AI driven personalised travel planning website
13	Book Chapters	DIVYA K S	Aroma Detection: A Brief Study on Olfactory Science using
14	International Conferences	DIVYA K S	OculoXplain: An Explainable AI System for Fundus Image Analysis in Rare Retinal Diseases
15	International Conferences	GEETHU GOPAN	LucidCare: An Explainable Multimodal AI System for Patent-Centric Clinical Report Interpretation
16	Journal Papers	HAFSATH C A	PerturbSynX: Deep learning framework for predicting drug combination synergy scores using drug induced gene perturbation data
17	International Journal Papers with impact factor >2.5	LEKSHMI R	Adaptive time series classification using virtual adversarial domain adaptation techniques
18	International Conferences	LINU PAULOSE	AI-Driven System for Detecting and Mapping Potholes
19	International Conferences	NIMMI M K	Vocalix: An Inclusive AI-Driven Platform for Multilingual And Expressive Voice Messaging
20	International Conferences	PARVATHY JYOTHI	EMG-Controlled Prosthetic Limb
21	International Conferences	PARVATHY JYOTHI	Integrated Car Parking System
22	International Conferences	PRIYA C V	EVA: AI-Driven Avatar for College Event Promotion
23	International Conferences	RINU ROSE GEORGE	An Exploratory Data Analysis Guided Machine Learning Framework with Feature Selection for Cardiovascular Disease Prediction
24	International Conferences	RINU ROSE GEORGE	Ensemble Based Chest X-Ray Classification System
25	International Conferences	SUMESH M S	FitSync: AI and Digital Twin Solution for Modern Gyms