

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CAY 2025-2026

JOURNALS				
Sl No:	Name of the Faculty	Title of the Paper	DOI Number	Indexing Status
1	Dr Anishin Raj M M	Enhanced Heart disease prediction using LLM ranked feature selection, Dynamic custom Kernel	https://doi.org/10.1016/j.mlwa.2026.100860	SCOPUS March 2026
2	Dr Suja C Nair	Tri-projection gated cross-modal fusion for robust multilingual emotion recognition	https://doi.org/10.1016/j.knosys.2026.116079	SCIE June 2026
3		Lung Disease Classification And Infection Region Detection Using MDCGRURNN Classifier	https://doi.org/10.25258/ijddt.16.37s.109	SCOPUS May 2026

CONFERENCES				
Sl No:	Name of the Faculty	Title of the Paper	DOI Number	Indexing Status
1	Dr Rajesh Cherian Roy	Power of graph neural networks: A multi-representational feature fusion approach for resolving phonetically similar Indian languages	Proc. 38th Kerala Science Congress, Jan. 30, 2026, pp. 11-26.	30 January 2026
2		Hybrid graph neural architectures and acoustic-contextual feature fusion for Indian language linguistics	Proc. National Conference on Graph Theory and Its Applications, FISAT	14 October 2025
3		Leveraging Augmented Samples as an Auxiliary Task for Enhancing Spoken Language Identification in Indian Languages	doi: 10.1109/ICTEST64710.2025.11042813	IEEE Xplore 24 June 2025

4	Dr Anishin Raj M M	A ML approach to predict Knee Septic Arthritis using Engineered Clinical Features	10.1109/ICSCC66177.2025.11233634	SCOPUS 3 July 2025
5		Vision Transformers for Precise Multi-class Diagnosis of Ocular Diseases	https://10.1109/AICAPS68631.2026.11453183	SCOPUS February 2026
6		Secured Information Hiding principle for Concealing 448-Bit Key of Blow-Fish Algorithm on Digital Images using Chess game-based Queen placement strategy,	10.1109/ICTEST64710.2025.11042283	IEEE Xplore June 2025
7	Ms Mithu Mary George	An Exploratory Data Analysis Guided Machine Learning Framework with Feature Selection for Cardiovascular Disease Prediction	10.1109/AICAPS68631.2026.11453112	SCOPUS March 2026
8	Ms Jency Thomas	Semi-Supervised Learning for Foetal Anomaly Detection Using Limited Annotated Ultrasound,	doi: 10.1109/ACCTHPA65749.2025.11168653.	IEEE Xplore 19 July 2025
9		Real Time Early Curve Accident Warning System	https://doi.org/10.1007/978-3-031-90577-3_23	SCOPUS 26 August 2025
10	Ms Asha Raj	AI-Driven Smart Fire Evacuation System Scopus 11th International Conference on Smart Computing and Communications	https://doi.org/10.1109/ICSCC66177.2025.11233739	IEEE Xplore Nov 2025

BOOK CHAPTERS				
Sl No:	Name of the Faculty	Title of the Book Chapter	DOI number/ISSN	Indexing Status
1	Dr Rajesh Cherian Roy	Enhancing spoken language identification on Indian languages with orthogonal task and related task integration: unveiling new dimensions of accuracy	https://doi.org/10.1007/s10772-026-10266-9	SCOPUS 12 May 2026
2	Dr.Anishin Raj M M	Building Effective AI-Based Machine Learning Systems: A Comprehensive Guide to Design principles	https://doi.org/10.1002/9781394347070.ch20	SCOPUS 22 May 2026
3		Delving into the basics of QC: From Qubits to Quantum Gates	https://doi.org/10.1002/9781394347070.ch19	SCOPUS 22 May 2026