

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

AY 2023- 24

Sl No	Category	Faculty	Title
1	Journal Papers	SUMAM MARY IDICULA	An answer recommendation framework for an online cancer community forum.
2	Conferences Proceeding	SUMAM MARY IDICULA	An Empirical Study on Multi-source Cross-Project Defect Prediction
3	Conferences Proceeding	SUMAM MARY IDICULA	GUI element detection via YOLOV8: A deep learning approach for widget identification
4	Journal Papers	SUMAM MARY IDICULA	Review on sanskrit sandhi splitting using deep learning techniques
5	Others	SUMAM MARY IDICULA	A Study of the State of the Art Approaches and Datasets for Multilingual Natural Language Inference.
6	Conferences Proceeding	SUMAM MARY IDICULA	Translation of Sanskrit (Shlokas)- Malayalam Using Deep Learning Techniques
7	Conferences Proceeding	CERENE MARIAM ABRAHAM	Implementation Of An AI-Powered Non-Verbal Communication Coach
8	Conferences Proceeding	DIMPLE ELIZABETH BABY	Automated System for Identifying Vaccinated Person by Iris Recognition Technique using Deep Learning,Àù

MECHANICAL ENGINEERING

Sl No	Acad Year	Type	Faculty	Title	Journal name	DOI	Month & Year of Publication	Indexing	Impact factor	Peroid	Verified
1	2023-2024	Journal	Dr. Bibin Jose	Development of a novel autogenous double pulse tungsten inert gas welding technique for joining IN625 in concentrated solar power plants	Materials Today Communications (Elsevier)	https://doi.org/10.1016/j.mtcomm.2024.108567	June 2024	SCI/SCIE	3.7	In this college	Yes
2	2023-2024	International Conferences	ARUN KUMAR D V		3rd International Conference on Sustainable materials, Manufacturing and Renewable Technologies, Cochin						
3	2023-2024	Journal	Dr. Bibin Jose	Enhancement of metallurgical and mechanical properties due to grain refinement in the compressive residual stress developed surface after the laser shock peening process: a review	Canadian Metallurgical Quarterly (Taylor & Francis)	https://doi.org/10.1080/00084433.2023.2235128	July 2023	SCI/SCIE	1.4	In this college	Yes
4	2023-2025	Book Chapters	Dr. Bibin Jose	Augmented Reality in Manufacturing: A Comprehensive Review	Gyanveshan	NA	December 2023	Google Scholar	NA	In this college	Yes
5	2023-2024	Journal	Dr. Bibin Jose	Influence of welding environment on joint characteristics of friction stir lap welded AA7475-PPS polymer hybrid joints	Materials Letters (Elsevier)	https://doi.org/10.1016/j.matlet.2023.134781	October 2023	SCI/SCIE	2.7	Outside this college	Yes

6	2023-2024	Journal	Dr. Bibin Jose	Development of a novel welding technique with reduced heat-input by employing Double-pulsed gas metal arc welding for Aerospace grade 18% Ni Maraging steel	Journal of Manufacturing Science and Engineering (ASME)	https://doi.org/10.1115/1.4055248	February 2023	SCI/SCIE	2.4	Outside this college	Yes
7	2023-2024	Book Chapters	Dr. Bibin Jose	Application of Augmented Reality in Manufacturing	IGI Global	NA	December 2023	Scopus	NA	In this college	Yes
8	2023-2024	Publications	International Journal papers with impact factor 1.5-2	MANOJ KUMAR K	Materials Today Proceedings						
9	2023-2024	International Conferences	MANOJ KUMAR K		International Conference on Communication and Intelligent Systems (2023)						
10	2023-2024	International Conferences	MANOJ KUMAR K		International Conference on Composites: Design, Processing, Manufacturing and Health Monitoring						
11	2021-2024	Publications	International Journal papers with impact factor<1.5	MANOJ KUMAR K	International Journal of Machining and Machinability of Materials						