

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Academic Year: 2022-23				
JOURNALS				
Sl No:	Name of the Faculty	Title of the Paper	DOI Number	Indexing Status
1	Dr Sumam Mary Idicula	Deep Learning Based Synthetic Aperture Radar Image Classification	https://doi.org/10.1002/9781119861850.ch3	Scopus November 2022
2		Feature based entailment recognition for Malayalam language texts	http://dx.doi.org/10.14569/IJACSA.2022.0130283	ESCI 2022
3		An answer recommendation framework for an online cancer community forum	https://doi.org/10.1007/s11042-023-15477-9	Scopus May 2023
4		Abstractive Summarization of Text Document in Malayalam Language: Enhancing Attention Model Using POS Tagging Feature	https://doi.org/10.1145/3561819	SCIE March 2023
CONFERENCES				
Sl No:	Name of the Faculty	Title of the Paper	DOI Number	Indexing Status
1	Dr Sumam Mary Idicula	Siamese network with transfer learning for similar query retrieval in online health community forums	https://doi.org/10.1007/978-981-16-8550-7_32	Scopus April 2022
2		Novel Deep Learning-Based Technique for Sentinel-1 Ocean SAR Vignettes Classification	https://doi.org/10.1109/ICC45855.2022.9838934	IEEE Xplore, Scopus August 2022
3		Spatio-temporal data clustering using deep learning: A review	https://doi.org/10.1109/EAIS51927.2022.9787701	IEEE Xplore, Scopus June 2022
4		An Improved Query Similarity Model for Online Health Community Forum Using Cross-Attention Mechanism on Siamese Network	https://doi.org/10.1007/978-981-19-7524-0_47	Scopus February 2023
5		Textual Inference Identification in the Malayalam Language Using Convolutional Neural Network	https://doi.org/10.1007/978-981-19-2980-9_20	Scopus August 2022
6		English to Indian Sign Language Gloss Conversion Using a Rule-Based Approach	https://doi.org/10.1007/978-981-19-3951-8_55	Scopus September 2022
7		Enhanced Video Classification System with Convolutional Neural Networks Using Representative Frames as Input Data	https://doi.org/10.1007/978-981-19-4162-7_25	Scopus November 2022
8	Dr Cerene Mariam Abraham	Real-time earthquake detection using Twitter tweets.	https://doi.org/10.1063/5.0102903	Scopus August 2022
9	Dr Cerene Mariam Abraham	Cyber Complaint Automation System	10.1109/ACCTHPA57160.2023.10083354.	Scopus April 2023
10	Dr Priya C V	An Automated System For Subject Allocation Among Faculty in Academic Institutions	10.1109/IPRECON55716.2022.10059509	IEEE Xplore, Scopus March 2023

11	Dr Sumam Mary Idicula	Malayalam language textual inference identification through attention over embeddings	https://doi.org/10.1007/978-3-031-11633-9_1	Scopus July 2022
12		Novel Deep Learning-Based Technique for Sentinel-1 Ocean SAR Vignettes Classification	https://doi.org/10.1109/ICC45855.2022.9838934	IEEE Xplore, Scopus August 2022
13		Spatio-Temporal Data Clustering using Deep Learning: A Review	https://doi.org/10.1109/EAIS51927.2022.9787701	IEEE Xplore, Scopus June 2022
BOOK CHAPTERS				
Sl.N o	Faculty	Title of the Book Chapter	DOI number	Indexing Status
1	Dr Sumam Mary Idicula	Enhanced Video Classification System with Convolutional Neural Networks Using Representative Frames as Input Data	https://doi.org/10.1007/978-981-19-4162-7_25	Scopus November 2022