

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

**Archived Publication**

<b>Sl No</b>	<b>Category</b>	<b>Faculty</b>	<b>Title</b>
1	International Conferences	CERENE MARIAM ABRAHAM	Cryptocase-Diversified Investment Platform for High Returns
2	International Conferences	CERENE MARIAM ABRAHAM	Cyber Complaint Automation System
4	International Journal Papers with impact factor >2.5	LINU PAULOSE	Driver Drowsiness Monitoring System Using Visual Signals and Embedded System
5	International Conferences	NIMMI M K	A study on Aspect based Sentiment analysis in Malayalam Language
6	Journal Papers	SUMAM MARY IDICULA	Abstractive Summarization of Text Document in Malayalam Language: Enhancing Attention Model Using POS Tagging Feature
7	International Conferences	SUMAM MARY IDICULA	English to Indian Sign Language Gloss Conversion Using a Rule-Based Approach
8	Book Chapters	SUMAM MARY IDICULA	Neural Network Based Machine Translation Systems for Low Resource Languages: A Review
9	International Conferences	SUMAM MARY IDICULA	English to Indian Sign Language Gloss Structure Translation using Sequence to Sequence Model
10	International Conferences	SUMAM MARY IDICULA	A Novel Approach For English-Hindi Cross lingual Summarization
11	Conferences Proceeding	PHILO SUMI	A Comparison between AttnGAN and DF GAN: Text to Image Synthesis
12	Journal Papers	SUMAM MARY IDICULA	A novel ship detection method from SAR image with reduced false alarm

<b>Sl No</b>	<b>Category</b>	<b>Faculty</b>	<b>Title</b>
13	Journal Papers	SUMAM MARY IDICULA	Attention based Abstractive Summarization of Malayalam Document Author links open overlay panel
14	Journal Papers	SUMAM MARY IDICULA	Lightweight SAR Ship detection and 16 Class Classification using Novel Deep Learning Algorithm with a Hybrid Preprocessing Technique
15	International Conferences	SUMAM MARY IDICULA	Abstractive Summarization of Malayalam Document using Sequence to Sequence Model
16	Journal Papers	SUMAM MARY IDICULA	Extractive summarization of Malayalam documents using latent Dirichlet allocation: An experience
17	Journal Papers	SUMAM MARY IDICULA	Natural language inference for Malayalam language using language agnostic sentence representation
18	International Conferences	SUMAM MARY IDICULA	Spatio-Temporal Data Clustering using Deep Learning: A Review
19	Book Chapters	SUMAM MARY IDICULA	Siamese network with transfer learning for similar query retrieval in online health community forums
20	Book Chapters	SUMAM MARY IDICULA	Malayalam Language Textual Inference Identification Through Attention over Embeddings
21	Book Chapters	SUMAM MARY IDICULA	Enhanced Video Classification System with Convolutional Neural Networks Using Representative Frames as Input Data
22	Book Chapters	SUMAM MARY IDICULA	Textual Inference Identification in the Malayalam Language Using Convolutional Neural Network
23	Book Chapters	SUMAM MARY IDICULA	An Improved Query Similarity Model for Online Health Community Forum Using Cross-Attention Mechanism on Siamese Network
24	International Conferences	SUMAM MARY IDICULA	Novel Deep Learning-Based Technique for Sentinel-1 Ocean SAR Vignettes Classification
25	Journal Papers	SUMAM MARY IDICULA	Ship identification from SAR image using novel deep learning method with reduced false prediction

<b>Sl No</b>	<b>Category</b>	<b>Faculty</b>	<b>Title</b>
26	International Journal Papers with impact factor >2.5	THASNI K N	Advanced Unified Encrypting Methodology to Enhance The Security of Health Information in Cloud Storage Employing Blockchain
27	International Conferences	ANGEL VARGHESE	Attendance Marking system using Periocular Recognition with Temperature Monitoring (ASPR)
28	International Journal papers with impact factor <1.5	CERENE MARIAM ABRAHAM	Big data analysis for trend recognition using machine learning techniques
29	National Conferences	CERENE MARIAM ABRAHAM	Analysis and Design of Artificial Intelligence System for the Prediction of Pulmonary Diseases
30	International Conferences	SUMAM MARY IDICULA	A Multi-resolution Mechanism with Multiple Decoders for Empathetic Dialogue Generation
31	International Conferences	SUMAM MARY IDICULA	Real time SAR Ship Detection using novel SarNeDe method
32	International Journal papers with impact factor 1.5-2	ANGEL VARGHESE	Elimination of Noise using Linear and Non Linear Filters from the Images of a Smart Waste Segregation System
33	Journal Papers	CERENE MARIAM ABRAHAM	Implementation of Convolutional Neural Network to Realize a Real Time Emotion based Music Player
34	Book Chapters	ANJALY MURALIDHARAN	Dimensionality Reduction Techniques for Text Mining
35	International Conferences	SUMAM MARY IDICULA	Home range estimation of migrating organisms considering the spatiotemporal aspects of GPS tracked data
36	Conferences Proceeding	DIMPLE ELIZABETH BABY	An Investigation of Biometric Liveness Detection Using Various Techniques,À
37	International Journal Papers with impact factor >2.5	DIMPLE ELIZABETH BABY	Liveness Detection of Fingerprint, Face, Iris Using Convolutional Networks and Local Binary Patterns

<b>Sl No</b>	<b>Category</b>	<b>Faculty</b>	<b>Title</b>
38	Journal Papers	PARVATHY E N	Diabetic retinopathy image classification using deep neural network.
39	International Journal papers with impact factor 1.5-2	ANGEL VARGHESE	Video Stitching based on different Feature Extraction Techniques
40	International Journal papers with impact factor 1.5-2	ANGEL VARGHESE	Computer automated System for effective Lung Nodule Classification from CT Scan Image using Image processing Techniques
41	International Journal Papers with impact factor >2.5	ANOOPA S	Advanced Video Anomaly Detection using 2D CNN and Stacked LSTM with Deep Active Learning-based Model
42	Conferences Proceeding	ANOOPA S	Comparison of Faster RCNN and YOLO V3 for Video Anomaly Localization
43	Conferences Proceeding	ANOOPA S	Materials Today proceedings, Elsevier. (Scopus Indexed)
44	Conferences Proceeding	ANOOPA S	Shadow Detection and Removal Using Tri- Class based Thresholding and Shadow Matting Technique
45	International Conferences	ANOOPA S	Shadow Detection and Removal Techniques in Remote Sensing Urban Images
46	International Journal Papers with impact factor >2.5	ANOOPA S	Survey on Image Segmentation in Remote Sensing Satellite Images
47	International Journal Papers with impact factor >2.5	ANOOPA S	An Efficient Shadow Detection Method in High Resolution Panchromatic Satellite Images.
48	International Journal Papers with impact factor >2.5	ANOOPA S	A Study on Edge Intelligence in Cognitive Internet of Things

<b>Sl No</b>	<b>Category</b>	<b>Faculty</b>	<b>Title</b>
49	International Journal Papers with impact factor >2.5	CERENE MARIAM ABRAHAM	Implementation Of Correlation And Regression Techniques For Efficient Analysis Of Indian Stock Market
50	Journal Papers	CERENE MARIAM ABRAHAM	Design and Implementation of Efficient Regression Analysis Techniques in Derivative Market
51	International Journal Papers with impact factor >2.5	CERENE MARIAM ABRAHAM	Impact of data mining techniques in Stock Market analysis in India
52	International Journal papers with impact factor <1.5	CERENE MARIAM ABRAHAM	Analysis of the stock market prediction techniques and its impact in the equity domain
53	International Journal papers with impact factor 1.5-2	CERENE MARIAM ABRAHAM	Implementation of Correlation Techniques for the Equity Market in India
54	International Journal Papers with impact factor >2.5	CERENE MARIAM ABRAHAM	Occasional Itemset Mining using UP-Tree and FP- Growth
55	International Journal Papers with impact factor >2.5	CERENE MARIAM ABRAHAM	Enhanced Multimodal System Using Text Dependency
56	International Journal Papers with impact factor >2.5	CERENE MARIAM ABRAHAM	Skin Colour Based Number Identification System
57	International Journal Papers with impact factor >2.5	CERENE MARIAM ABRAHAM	A Big Data Framework for the Prediction of Equity Variations for the Indian Stock Market

<b>Sl No</b>	<b>Category</b>	<b>Faculty</b>	<b>Title</b>
58	International Conferences	CERENE MARIAM ABRAHAM	Analysis And Design of an Efficient Temporal Data Mining Model for an Indian Stock Market
59	Journal Papers	CERENE MARIAM ABRAHAM	A Novel Prediction Window Based Closing Value Analysis Technique for Derivative Market
60	International Conferences	CERENE MARIAM ABRAHAM	Real-Time Earthquake Detection Using Twitter Tweets
61	International Conferences	GEETHU GOPAN	An Adaptive Subspace Clustering Dimension Reduction Framework for Time Series Indexing in Knime Workflows
62	Journal Papers	HAFSATH C A	Generative Pre-trained Transformer (GPT) based model with relative attention for de novo drug design
63	Journal Papers	HAFSATH C A	A systematic study of parameter sharing strategies in multi-task learning for drug synergy and sensitivity prediction
64	International Conferences	HAFSATH C A	[PDF] from sciencedirect.com A stacked ensemble approach for enhancing anti cancer drug synergy prediction
65	International Journal Papers with impact factor >2.5	LEKSHMI R	Kernelized global-local discriminant information preservation for unsupervised domain adaptation
66	International Journal Papers with impact factor >2.5	LEKSHMI R	MNEMONIC: Multikernel contrastive domain adaptation for time-series classification
67	International Conferences	LEKSHMI R	Joint Cross-Domain Preserving and Distribution Adaptation for Heterogeneous Domain Adaptation
68	International Conferences	LEKSHMI R	Kernelized transfer feature learning on manifolds
69	Journal Papers	LINU PAULOSE	Quality based Ordering Approach for Spatial Data
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70	International Journal Papers with impact factor >2.5	PARVATHY JYOTHI	Deep learning models and traditional automated techniques for brain tumor segmentation in MRI: a review
71	International Journal Papers with impact factor >2.5	PARVATHY JYOTHI	An attention 3DUNET and visual geometry group-19 based deep neural network for brain tumor segmentation and classification from MRI
72	International Journal papers with impact factor 1.5-2	PARVATHY JYOTHI	An Improved Xception Based Feature Learning And Honeybadger Optimized Long Short-Term Memory For Accurate Brain Tumor Classification With Dataset Balancing Approach
73	Journal Papers	PARVATHY JYOTHI	A Comparison Study of Various Machine Learning Models for Classifying Tumors in Brain MRI
74	International Conferences	PARVATHY JYOTHI	Multiclass Classification of Brain Tumor for MR Images Using Shallow Autoencoder Based Neural Network
75	International Conferences	PARVATHY JYOTHI	An Efficient Deep Learning Framework for Disease Detection in Plants
76	International Conferences	PARVATHY JYOTHI	Automatic Number Plate Recognition Powered by Deep Learning
77	International Conferences	PARVATHY JYOTHI	Rescuebot-Thermal Imaging for Human Detection
78	Journal Papers	PRIYA C V	Keystroke Dynamics-Based Authentication System Using Empirical Thresholding Algorithm
79	Journal Papers	PRIYA C V	Applying Empirical Thresholding Algorithm for A Keystroke Dynamics Based Authentication System
80	Journal Papers	PRIYA C V	A Novel Biometric Authentication System Using Keystroke Dynamics and Optimized Multilayer Perceptron Neural Network
81	Journal Papers	PRIYA C V	Keystroke Dynamics Based Authentication Framework Using Back Propagation Neural Network,Äö
82	Journal Papers	PRIYA C V	A Brief View of Anomaly Detection Techniques for Intrusion Detection Systems
83	International Conferences	PRIYA C V	A Secure Application of Multi-Biometric Recognition and QR Coding System

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84	International Conferences	PRIYA C V	Water quality prediction system using LSTMNN and IOT
85	International Conferences	PRIYA C V	Behavioral Biometrics based Authentication System using MLP-NN and MVPA.
86	Journal Papers	PRIYA C V	Ontology Evolution by Significant Analysis of Terms using WordNet for Web Services
87	International Conferences	PRIYA C V	A Novel Approach For English-Hindi Cross lingual Summarization
88	International Conferences	PRIYA C V	Automatic Text Summarization: Methods, Metrics and Datasets
89	International Conferences	PRIYA C V	An Automated System For Subject Allocation Among Faculty in Academic Institutions
90	International Conferences	PRIYA C V	Design and Functionality of an Agrobot: A Conceptual Framework
91	Conferences Proceeding	PRIYA C V	Integrated Approach for Fake News Detection,
92	Conferences Proceeding	PRIYA C V	TransLip: AI-Driven Video Translation and Synchronization
93	Journal Papers	SUMAM MARY IDICULA	A Survey on Writer Identification Schemes
94	Journal Papers	SUMAM MARY IDICULA	Numerical simulation of severe local storms over east India using WRF-NMM mesoscale model
95	International Journal papers with impact factor<1.5	SUMAM MARY IDICULA	A morphological processor for malayalam language
96	International Conferences	SUMAM MARY IDICULA	Conversion of Malayalam text to Indian sign language using synthetic animation
97	International Conferences	SUMAM MARY IDICULA	Design and development of a frame based MT system for English-to-ISL
98	International Conferences	SUMAM MARY IDICULA	Text summarization for Malayalam documents, An experience
99	Journal Papers	SUMAM MARY IDICULA	The diagnosis of severe thunderstorms with high-resolution WRF model
100	International Conferences	SUMAM MARY IDICULA	Development of a POS tagger for Malayalam-an experience
101	Journal Papers	SUMAM MARY IDICULA	Greedy search-binary PSO hybrid for biclustering gene expression data

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102	International Conferences	SUMAM MARY IDICULA	A multi-agent vehicle routing system for garbage collection
103	Journal Papers	SUMAM MARY IDICULA	Artificial neural network model for the prediction of thunderstorms over Kolkata
104	Journal Papers	SUMAM MARY IDICULA	A comparative study of convective parameterization schemes in WRF-NMM model
105	International Conferences	SUMAM MARY IDICULA	Fingerprinting based detection system for identifying plagiarism in Malayalam text documents
106	Journal Papers	SUMAM MARY IDICULA	Action recognition in still images using residual neural network features
107	Journal Papers	SUMAM MARY IDICULA	Gene regulatory network from microarray data of colon cancer patients using TSK-type recurrent neural fuzzy network
108	International Conferences	SUMAM MARY IDICULA	Interlingua based Sanskrit-English machine translation
109	Journal Papers	SUMAM MARY IDICULA	MicroRNA,ÄimRNA interaction network using TSK-type recurrent neural fuzzy network
110	Journal Papers	SUMAM MARY IDICULA	One-shot learning-based SAR ship classification using new hybrid Siamese network
111	International Conferences	SUMAM MARY IDICULA	k-NN based On-Line Handwritten Character recognition system
112	International Conferences	SUMAM MARY IDICULA	CUSAT NLP@ AILA-FIRE2019: Similarity in Legal Texts using Document Level Embeddings.
113	Journal Papers	SUMAM MARY IDICULA	Application of cardinality based grasp to the biclustering of gene expression data
114	Journal Papers	SUMAM MARY IDICULA	Annotating and detecting topics in social media forum and modelling the annotation to derive directions-a case study
115	National Conferences	SUMAM MARY IDICULA	KMeans greedy search hybrid algorithm for biclustering gene expression data
116	Journal Papers	SUMAM MARY IDICULA	Cusatnlp@ hasoc-dravidian-codemix-fire2020: identifying offensive language from manglishtweets
117	National Conferences	SUMAM MARY IDICULA	CUSAT NLP@ AILA-FIRE2019: Similarity in Legal Texts using Document Level Embeddings.

<b>Sl No</b>	<b>Category</b>	<b>Faculty</b>	<b>Title</b>
118	Journal Papers	SUMAM MARY IDICULA	Recent developments in Indian sign language recognition: an analysis
119	Journal Papers	SUMAM MARY IDICULA	A named entity recognition system for Malayalam using neural networks
120	International Conferences	SUMAM MARY IDICULA	Recognition of hand gestures of English alphabets using HOG method
121	Journal Papers	SUMAM MARY IDICULA	Named entity identifier for malayalam using linguistic principles employing statistical methods
122	Journal Papers	SUMAM MARY IDICULA	A survey on writer identification schemes
123	Conferences Proceeding	SUMAM MARY IDICULA	CUSATNLP@ DravidianLangTech-EACL2021: language agnostic classification of offensive content in Tweets
124	International Journal Papers with impact factor >2.5	SUMAM MARY IDICULA	Deep learning based analysis of sentiment dynamics in online cancer community forums: an experience
125	Journal Papers	SUMAM MARY IDICULA	A framework for generating extractive summary from multiple Malayalam documents
126	International Conferences	SUMAM MARY IDICULA	Paraphrase identification of Malayalam sentences-an experience
127	Others	SUMAM MARY IDICULA	Agent based evacuation simulation using leader-follower model
128	International Conferences	SUMAM MARY IDICULA	Syntactic based machine translation from English to Malayalam
129	Conferences Proceeding	SUMAM MARY IDICULA	Application of reactive grasp to the biclustering of gene expression data
130	International Conferences	SUMAM MARY IDICULA	Sar target identification using sar-com technique
131	Journal Papers	SUMAM MARY IDICULA	A plagiarism detection system for Malayalam text based documents with full and partial copy
132	Journal Papers	SUMAM MARY IDICULA	A hybrid model for phrase chunking employing artificial immunity system and rule based methods
133	Journal Papers	SUMAM MARY IDICULA	A survey on writer identification schemas
134	Journal Papers	SUMAM MARY IDICULA	A study of plagiarism detection tools and technologies

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135	International Conferences	SUMAM MARY IDICULA	Syntactic based machine translation from English to Malayalam
136	Book	SUMAM MARY IDICULA	Application of reactive grasp to the biclustering of gene expression data
137	Journal Papers	SUMAM MARY IDICULA	Identifying decisive features for distinctive analysis of writings in Malayalam
138	Book	SUMAM MARY IDICULA	Gene regulatory network from microarray data using dynamic neural fuzzy approach
139	Journal Papers	SUMAM MARY IDICULA	Simulation of Severe Squall Line over Kolkata using WRF-NMM model
140	International Conferences	SUMAM MARY IDICULA	A Named Entity Recognition System for Malayalam Using Conditional Random Fields
141	Book	SUMAM MARY IDICULA	Plagiarism Detection in Malayalam Language Text using a Composition of Similarity measures
142	National Conferences	SUMAM MARY IDICULA	CUSAT_NLP@ DPIL-FIRE2016: Malayalam Paraphrase Detection.
143	Journal Papers	SUMAM MARY IDICULA	Automated plagiarism detection system for malayalam text documents
144	Journal Papers	SUMAM MARY IDICULA	A copy detection method for Malayalam text documents using n-grams model
145	Journal Papers	SUMAM MARY IDICULA	PERFORMANCE OF ON-LINE MALAYALAM HANDWRITTEN CHARACTER RECOGNITION USING HMM AND SFAM
146	Journal Papers	SUMAM MARY IDICULA	Named Entity Recognizer employing Multiclass Support Vector Machines for the Development of Question Answering Systems
147	National Conferences	SUMAM MARY IDICULA	On-line Handwritten character Recognition using Kohonen networks
148	Journal Papers	SUMAM MARY IDICULA	A POS tagger for Malayalam using conditional random fields
149	National Conferences	SUMAM MARY IDICULA	CUSAT TEAM@DPIL-FIRE2016: Detecting Paraphrase in Indian Languages-Malayalam
150	Journal Papers	SUMAM MARY IDICULA	Agent based simulation of street robbery
151	International Conferences	SUMAM MARY IDICULA	Comparison of statistical and semantic similarity techniques for paraphrase identification

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152	Journal Papers	SUMAM MARY IDICULA	A novel approach in greedy search algorithm for biclustering gene expression data
153	Journal Papers	SUMAM MARY IDICULA	A Multilingual Query Processing System using Software Agents.
154	Others	SUMAM MARY IDICULA	A Novel Decision Tree Algorithm for Numeric Datasets-C 4.5* Stat
155	International Conferences	SUMAM MARY IDICULA	Detection of flock movement in spatio-temporal database using clustering techniques - An experience
156	Book	SUMAM MARY IDICULA	A Novel Approach to Writer Identification in Malayalam Using Graphemes
157	Others	SUMAM MARY IDICULA	Language independent voice-based gender identification system
158	International Conferences	SUMAM MARY IDICULA	Multi-label Topic Classification of Patient Generated Content in a Breast-cancer Community Forum
159	Journal Papers	SUMAM MARY IDICULA	Dense Model for Automatic Image Description Generation with Game Theoretic Optimization
160	National Conferences	SUMAM MARY IDICULA	CUSAT TEAM@IECSIL-FIRE-2018: A Named Entity Recognition System for Indian Languages
161	Journal Papers	SUMAM MARY IDICULA	SRL based plagiarism detection system for Malayalam documents
162	International Conferences	SUMAM MARY IDICULA	A model of distributed ayurvedic diagnosis and therapy system for hridroga using agents
163	International Conferences	SUMAM MARY IDICULA	English-Malayalam Cross-Lingual Information Retrieval,Äian experience
164	Others	SUMAM MARY IDICULA	Intelligent agent-based multilingual information retrieval system
165	Others	SUMAM MARY IDICULA	Design and development of an adaptable Frame-Based System for Dravidian Language Processing
166	Journal Papers	SUMAM MARY IDICULA	A deep level tagger for malayalam, a morphologically rich language
167	International Conferences	SUMAM MARY IDICULA	AIDGenS: an automatic image description system using residual neural network

<b>Sl No</b>	<b>Category</b>	<b>Faculty</b>	<b>Title</b>
168	National Conferences	SUMAM MARY IDICULA	Modified densely connected convolutional network for content generation in automatic image description generation system
169	Journal Papers	SUMAM MARY IDICULA	SVM based recognition of facial expressions used in indian sign language
170	Journal Papers	SUMAM MARY IDICULA	An Online Character Recognition System to Convert Grantha Script to Malayalam
171	International Conferences	SUMAM MARY IDICULA	Biclustering gene expression data using KMeans-binary PSO hybrid
172	National Conferences	SUMAM MARY IDICULA	Biclustering gene expression data using MSR difference threshold
173	Journal Papers	SUMAM MARY IDICULA	Feature based entailment recognition for malayalam language texts
174	International Conferences	SUMAM MARY IDICULA	Siamese networks for inference in Malayalam language texts
175	Journal Papers	SUMAM MARY IDICULA	A relation extraction system for indian languages
176	International Conferences	SUMAM MARY IDICULA	An Integrated Framework for Pronominal Anaphora Resolution in Malay-alam
177	Journal Papers	SUMAM MARY IDICULA	An Online Character Recognition System to Convert Grantha Script to malayalam
178	Book Chapters	SUMAM MARY IDICULA	Comparative advantages of novel algorithms using MSR threshold and MSR difference threshold for biclustering gene expression data
179	International Conferences	SUMAM MARY IDICULA	Apriori-based research community discovery in bibliographic database
180	Book Chapters	SUMAM MARY IDICULA	Linear text segmentation using classification techniques
181	Journal Papers	SUMAM MARY IDICULA	Iterative search with incremental MSR difference threshold for biclustering gene expression data
182	Journal Papers	SUMAM MARY IDICULA	Development of a Prototype of a Frame-based System for the Understanding of Malayalam Language-An Experience
183	Journal Papers	SUMAM MARY IDICULA	Deep Learning Based Synthetic Aperture Radar Image Classification

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184	Journal Papers	SUMAM MARY IDICULA	Extractive summarization of Malayalam documents using latent Dirichlet allocation: An experience
185	Journal Papers	SUMAM MARY IDICULA	Annotating and Detecting Topics in Social Media Forum and Modelling the Annotation to Derive Directions-A Case Study
186	Journal Papers	SUMAM MARY IDICULA	Design and development of an integrated framework for pronominal anaphora resolution in malayalam
187	Others	SUMAM MARY IDICULA	A Deep Level Tagger for Malayalam, a Morphologically Rich Language
188	Journal Papers	SUMAM MARY IDICULA	The Significance of self-attention over LSTM in image captioning
189	National Conferences	SUMAM MARY IDICULA	INLI@ FIRE-2018: A Native Language Identification System using Convolutional Neural Networks.
190	Others	SUMAM MARY IDICULA	An Integrated approach for Plagiarism Detection in Malayalam document
191	National Conferences	SUMAM MARY IDICULA	Development of an Event Extraction System from Newswires and Social media texts for Malayalam-An Experiment
192	Others	SUMAM MARY IDICULA	A Computational Framework for Indian Sign Language Recognition
193	Others	SUMAM MARY IDICULA	A Copy detection Method for Malayalam Text Documents using N-grams Model
194	Others	SUMAM MARY IDICULA	Research Article Artificial Neural Network Model in Prediction of Meteorological Parameters during Premonsoon Thunderstorms
195	Others	SUMAM MARY IDICULA	Agent Based Simulation of Street Robbery
196	Others	SUMAM MARY IDICULA	MicroRNA,ÄimRNA interaction network using TSK-type recurrent neural fuzzy network
197	Journal Papers	SUMAM MARY IDICULA	An Online Character Recognition System to Convert Grantha Script to Malayalam
198	Others	SUMAM MARY IDICULA	The diagnosis of severe thunderstorms with high-resolution WRF model
199	International Conferences	SUMAM MARY IDICULA	Detection of Flock Movement in Spatio-Temporal Database using Clustering Techniques-an Experience

<b>Sl No</b>	<b>Category</b>	<b>Faculty</b>	<b>Title</b>
200	International Conferences	SUMAM MARY IDICULA	High Order Conditional Random Field Based Part of Speech Taggar and Ambiguity Resolver for Malayalam-a Highly Agglutinative Language.
201	Journal Papers	SUMAM MARY IDICULA	A Comparative Study of Convective Parameterization Schemes in WRF-NMM Model
202	Journal Papers	SUMAM MARY IDICULA	A survey on writer identification schemes
203	International Conferences	SUMAM MARY IDICULA	A Named Entity Recognition System for Malayalam using Neural Networks
204	International Conferences	SUMAM MARY IDICULA	k-NN based On-Line Handwritten Character recognition system
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207	International Conferences	SUMAM MARY IDICULA	Biclustering Gene Expression Data using MSR Difference Threshold
208	Others	SUMAM MARY IDICULA	Applying Data mining using Statistical Techniques for Career Selection
209	International Conferences	SUMAM MARY IDICULA	A model of Distributed Ayurvedic Diagnosis and Therapy System for Hridroga Using Agents
210	International Conferences	SUMAM MARY IDICULA	Author Identification in Malayalam using n-grams
211	International Conferences	SUMAM MARY IDICULA	Intelligent Agent-based Multilingual Information Retrieval System
212	International Conferences	SUMAM MARY IDICULA	Hand-written Malayalam character recognition an approach based on pen movement
213	International Conferences	SUMAM MARY IDICULA	Development of a Malayalam language interface for database queries
214	Others	SUMAM MARY IDICULA	Mean Squared Residue Based Biclustering Algorithms for the Analysis of Gene Expression Data
215	Journal Papers	SUMAM MARY IDICULA	AHybrid MODEL FOR PHRASE CHUNKING EMPLOYING ARTIFICIAL IMMUNITY SYSTEM AND RULE BASED METHODS
216	Journal Papers	SUMAM MARY IDICULA	Automated Plagiarism Detection System for Malayalam Text Documents
217	International Conferences	SUMAM MARY IDICULA	CUSAT_NLP@ DPIL-FIRE2016: Malayalam Paraphrase Detection

<b>Sl No</b>	<b>Category</b>	<b>Faculty</b>	<b>Title</b>
218	Journal Papers	SUMAM MARY IDICULA	A morphological processor for malayalam language
219	International Conferences	SUMAM MARY IDICULA	Conversion of Malayalam text to Indian sign language using synthetic animation
220	International Conferences	SUMAM MARY IDICULA	A named entity recognition system for Malayalam using neural networks
221	International Conferences	SUMAM MARY IDICULA	GUI Element Detection via YOLOV8: A Deep Learning Approach for Widget Identification
222	Journal Papers	SUMAM MARY IDICULA	A Systematic Survey of Automatic Image Description Generation Systems
223	Journal Papers	THASNI K N	ITS: intelligent transit system