Faculty Competencies in correlation to research publication:

S.No	Faculty Name	Publication	Competency
1	Dr.G.Sumathi	1. An Improved Multi-objective Optimization for Work Flow Scheduling in Cloud Platform 2. Construction of key dependent S-Box for secure cloud data storage 3. A Multi-Objective Secure Optimal VM Placement in Energy-Efficient Server of Cloud Computing 4. A Novel Data Aware Task Clustering for scientific workflow applications in Cloud 5. Use case Repository Framework based on Machine Learning Algorithm to analyze the Software Development Estimation with Intelligent Information Systems	Modern Computing
2	Dr.T.Sukumar	1. Continuous Abstractive Recall Oriented understudy for Gisting Evaluation.	Modern Computing
3	Dr.V.M.Sivagami	1. An Improved Dynamic Fault Tolerant Management Algorithm during VM Migration of Cloud Data Center 2. Offline Handwritten Character Recognition using Convolutional Neural Network	Modern Computing
4	Dr.C.Yaashuwanth	1. Design of optimized compressed sensing routing protocol for wireless multimedia sensor networks. 2. Enhanced approach using trust based decision making for secured wireless streaming video sensor networks 3. An optimal data aggregation scheme for wireless sensor network using QOS parameters with efficient failure detection and loss recovery technique. 4. Optimal Partial Aggregation Based Energy Delay Compromise Technique for Wireless Sensor Network'.	IoT and Cyber Physical Systems
5	Dr.N.GobalaKrishnan	1. Bee optimization based random double adaptive whale optimization method for task scheduling in cloud computing environment. 2. An adaptive neuro-fuzzy inference system and black widow optimization approach for optimal resource utilization and task scheduling in a cloud environment. 3. Detection of turner syndrome in hand X-ray using anchor based link segmentation method.	Modern Computing
6	Dr.N.Devi	1. Categorizing Diseases from Leaf Images Using a Hybrid Learning Model.	Natural Language Processing and Data Science

7	Dr.D.Jayanthi	1. A Novel Deep Learning Based Model for Tropical Intensity Estimation and Post-Disaster Management of Hurricanes 2. A holistic review on energy forecasting using big data and deep learning models	Modern Computing
8	Ms.B.T.Shobana	1. I-Quiz: An Intelligent Assessment Tool for Non-Verbal Behaviour Detection	Natural Language Processing and Data Science
9	Ms.P.LeelaRani	1. Detecting anonymous target and predicting target trajectories in wireless sensor networks. 2. Detecting Anonymous Target and Predicting Target Trajectories in Wireless Sensor Networks.	IoT and Cyber Physical Systems
10	Ms.A.Kala	1. Forecasting Monthly Rainfall using Bio-Inspired Artificial Algae Deep Learning Network 2. CEEMDAN hybridized with LSTM model for forecasting monthly rainfall	Natural Language Processing and Data Science
11	Ms. K. Kiruthika Devi	1. Stochastic Gradient Boosting Model for Twitter Spam Detection	Natural Language Processing and Data Science
12	Dr.P.Sharon Femi	1. An efficient ensemble framework for outlier detection using bio-inspired algorithm 2. "Integrating fuzzy constraint with feature correlation for local outlier mining	Natural Language Processing and Data Science
13	Dr. G. Sangeetha	1. An optimistic technique to detect Cache based Side Channel attacks in Cloud 2. A Multi-Objective Secure Optimal VM Placement in Energy-Efficient Server of Cloud Computing	Modern Computing
14	Dr.K.Suresh	1. SDN Controller Allocation and Assignment Based on Multicriterion Chaotic Salp Swarm Algorithm 2. Call Admission Control Decision Maker Based on Optimized Fuzzy Inference System for 5G Cloud Radio Access Networks	IoT and Cyber Physical Systems
15	Mr.V.Rajaram	1. An optimized clustering using hybrid meta-heuristic approach for wireless sensor networks 2. Multi-hop optimized routing algorithm and load balanced fuzzy clustering in wireless sensor networks	IoT and Cyber Physical Systems
16	Ms.A.Indumathi	1. Construction of key dependent S-Box for secure cloud data storage	Modern Computing
17	Ms.N.Uma	1. Virtual Medical Assistant Using Machine Learning	Natural Language Processing and Data Science
18	Mr. AR. Guru Gokul	1. Ensembling Framework for Pneumonia Detection in Chest X-ray images 2. Forecasting the potential influence of Covid-19 using Data Science and Analytics	Natural Language Processing and Data Science