

SONA COLLEGE OF TECHNOLOGY

(An Autonomous Institutions)

DEPARTMENT OF INFORMATION TECHNOLOGY

S. No.	Name of the Supervisor	Supervisor No	Name of the Scholar guiding	Date of enrolment	Title of the Research
1.	Dr.J.Akilandeswari	2740015	M.Marimuthu	July 2017	Identification of trustworthy cloud services: solution approaches and research directions to build an automated cloud broker
			R. Sangeethapriya	July 2017	Target based sentiment analysis
			A. Naveen Kumar	July 2019	Object detection in an automated navigation system
			M.Priadarsini	Jan 2020	Aspect based sentimental analysis using deep learning
			J. Deepika	Jan 2021	Analysis of machine learning computational techniques
2.	Dr.V.Mohanraj	2340199	Anusha S	JAN 2015	Enhancing Quality of Service in Wireless Network by using Forager bees intelligence based Cognitive Spectrum Sensing and Allocation
			Hema kumar M	JUL 2014	Real time two hop neighbour strategic localized routing with class based blockchain encryption standard for improved security in WSN
			Karthieyan D	JUL 2014	Ensemble wrapper filter based feature selection and stacking model with significant rule power factor classifier for intrusion detection system
			Sivanantham S	JUL 2014	Association rule based classifier with Novel interest measure for intrusion Detection
			Vidyabharathi D	JAN 2015	Enhancing Generalization Of Deep Learning Models With Adaptive Teaching Learning Optimization Technique And T-Htr Learning Rate Scheduler
			Jagadeeswari D	JAN 2015	Performance Optimization using Modified Static Memory Deduplication in Cloud Computing
			David Samuel Azariya S	JUL 2016	A Mathematical Model for Data pre-processing and visualization
			Saraswathi K	JAN 2016	A Hybrid Multi-Feature Semantic Similarity Based Online Social Recommendation System Using CNN
3.	Dr.J.Senthilkumar	2140321	Gokulraj J	JAN 2016	Data prediction approaches for efficient data transmission using optimized Leibler distance matrix-based data aggregation in wireless sensor network

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			Tamil Selvi M	JAN 2015	Swarm Intelligence-based Optimized Adaptive Filtering Technique for ECG Data Analysis System
			Ramesh B	JAN 2014	Filter Bank Multicarrier Based Generalized Discrete Fourier Transform for Peak to Average Power Ratio Reduction
			Karthikraja C	JUL 2014	An empirical intrusion detection system based on XGBoost and bidirectional long-short term model for 5G and other telecommunication technologies
			Susaritha M	JUL 2014	Design and analysis of High performance FinFET- based Linear Feedback Shift Register
			Richard William A	JUL 2015	Powerful Organizing Of Different-Purpose Based Combined Task in Cloud Computing
			Prasad B	JAN 2019	Implementation Of Compiled Optical Sensor Unit For Algae Cultivation
			Gowrishankar R	JAN 2021	Swarm Intelligence Algorithm For Hyperparameter Optimization In Deep Learning Models
			Janani I	JUL 2021	Swarm Intelligence Algorithm For Hyperparameter Optimization In Deep Learning Models
			Jini K M	JAN 2021	Utilization of Adaptive K-Harmonic Means Clustering and Trust Establishment in VANETs
4.	Dr.J.Jeba Emilyn	2840097	Ramesh P	Jul 2017	A Big Data Clustering Algorithm for mitigatingthe risk of customer churn
			Murugan V	Jul 2017	Deep learning of water quality and biodiversity using Internet of Things
			Ashok Kumar M	Jan 2017	On the selection of intrusion detection systems for wireless sensor networks
			Sumalatha M	Jan 2017	Behaviour Prediction Using Fuzzy Cognitive map through crowd computing
			Gomathi G	Jul 2017	Optimise Energy consumption in WSN and IOT based Smart Environment using enhanced stable election protocol
			Murali M	Jul 2021	Security challenges in Pervasive Computing