

**SRI SAIRAM ENGINEERING COLLEGE**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**FACULTY JOURNAL PUBLICATIONS FOR THE ACADEMIC YEAR 2021 - 2022**

<b>S.No</b>	<b>Author</b>	<b>Title of the Paper</b>	<b>Journal Name</b>	<b>Indexing</b>
1.	<b>T Sheela</b>	<b>Heart disease prediction using hyper parameter optimization (HPO) tuning</b>	<b>Biomedical Signal Processing and Control</b>	<b>SCI</b>
2.	<b>T Sheela</b>	<b>City Cleanliness Drive Web Portal Using Region Based Convolutional Neural Networks</b>	<b>IE3S Web of Conferences :CMED 2021</b>	<b>Scopus</b>
3.	<b>T Sheela</b>	<b>A Comparative Analysis of Data Aggregation Based Routing Protocols Hierarchies and Comparing Secure Data Aggregation Protocols in Wireless Sensor Networks</b>	<b>IE3S Web of Conferences :CMED 2021</b>	<b>Scopus</b>
4.	<b>Dr. G. Adiline Macrigo</b>	<b>An Emerging Technology: Integrating IoT with 5G Cellular Network</b>	<b>IEEE Xplore Digital Library</b>	<b>Scopus</b>
5.	<b>Dr. G. Adiline Macrigo</b>	<b>Integrated Web Application for Skill Development and Job Application</b>	<b>IEEE Xplore Digital Library</b>	<b>Scopus</b>
6.	<b>Dr. S. Sankari</b>	<b>Detectors-A Street Mascara</b>	<b>IEEE Xplore Digital Library</b>	<b>Scopus</b>
7.	<b>Dr. M. SureshKumar</b>	<b>Biological Feature Selection and Classification Techniques for Intrusion Detection on BAT</b>	<b>Wireless Personal Communication</b>	<b>WOS</b>
8.	<b>Dr. M. SureshKumar</b>	<b>Analyzing histopathological images by using machine learning techniques</b>	<b>Applied NanoScience</b>	<b>SCI</b>
9.	<b>Dr. M. SureshKumar</b>	<b>Automatic pollution sensing and control for vehicles using IoT technology</b>	<b>Materials Today: Proceedings</b>	<b>Scopus</b>
10.	<b>Dr. M. SureshKumar</b>	<b>Detection of Fraudulent Behaviors using Graph Cluster Analysis on Unsupervised Datasets</b>	<b>Grenze International Journal of Engineering and Technology</b>	<b>Scopus</b>
11.	<b>Dr. M. SureshKumar</b>	<b>Video Annotation Techniques for Micro Learning Integration in Cloud</b>	<b>Grenze International Journal of Engineering and Technology,</b>	<b>Scopus</b>

12.	<b>Dr. M. SureshKumar</b>	<b>Real time identification of anomalous events in coastal regions using deep learning techniques</b>	<b>Concurrency and Computation: Practice and Experience</b>	<b>Scopus</b>
13.	<b>Dr. M. SureshKumar</b>	<b>Integrated Global and Local Feature Extraction and Classification from Computerized Tomography (CT) Images for Lung Cancer Classification</b>	<b>Research Square</b>	<b>Scopus</b>
14.	<b>Dr.T.P. Rani</b>	<b>Machine Learning In Driver Surveillance</b>	<b>Elementary Education Online</b>	<b>Scopus</b>
15.	<b>Dr Soma Prathibha</b>	<b>COVID-19 Safe Guard: A Smart Mobile Application to Address Corona Pandemic</b>	<b>Data Engineering for Smart Systems</b>	<b>Scopus</b>
16.	<b>Dr Soma Prathibha</b>	<b>Design of a Comprehensive Sensor based Soil and Crop Analysis System Model using Machine Learning Algorithms</b>	<b>IEEE Explore Digital Library</b>	<b>Scopus</b>
17.	<b>Dr Soma Prathibha</b>	<b>"AUTOMATED SANITIZER DISPENSER UNIT WITH FACEMASK VENDOR</b>	<b>Dogo Rangsang Research Journal</b>	<b>UGC</b>
18.	<b>B. Renuka Devi</b>	<b>Raspberry pi based secured cloud data</b>	<b>Journal of Physics: Conference Series</b>	<b>Scopus</b>
19.	<b>B.Kamala</b>	<b>Cloud based AI approach for predictive maintenance and failure prevention</b>	<b>Journal of Physics: Conference Series</b>	<b>Scopus</b>
20.	<b>B.Kamala</b>	<b>Process Mining and Deep Neural Network approach for the Prediction of Business Process Outcome</b>	<b>IEEE Xplore Digital Library</b>	<b>Scopus</b>
21.	<b>Sivakumar.A</b>	<b>User Centric Block-Level Attribute Based Encryption in Cloud Using Blockchains</b>	<b>Computer Systems Science &amp; Engineering</b>	<b>WOS</b>
22.	<b>Ms. Sheeba Rachel .S</b>	<b>Segmentation and Classification of Glaucoma Using U-Net with Deep Learning Mode</b>	<b>Journal of Healthcare Engineering</b>	<b>WOS</b>