

**SIR C.R.REDDY COLLEGE OF ENGINEERING****ELURU-534007, ELURU DIST, A P., INDIA**

(Approved by AICTE, New Delhi)

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<http://www.sircrrengg.ac.in>**DEPARTMENT OF INFORMATION TECHNOLOGY****Publications Year Wise****2022-23**

S.No	No.of publications in refereed /SCI journals	No.Of Conference Papers
1	30	3

Faculty wise list of Journal**Publications**

S.No	Name of the Faculty	Title of the Publication	Title of the Journal
1.	Dr. S.Krishna Rao	Effectiveness of Data Augmentation Techniques in Plant Disease Detection Using Pretrained CNN Models	NEURO QUANTOLOGY
2.	G.Krishnaveni	A Novel Object Detection In Autonomous Vehicles Using CNN Algorithm	IJAEMA
3.	G.Krishnaveni	User-Specific Car Valuation With Machine Learning Based Prediction	Journal of Interdisciplinary Cycle Research
4.	G.Krishnaveni	Plant disease detection using ML and DL algorithms	Journal of Interdisciplinary Cycle Research
5.	P Ramaiah Chowdary	Avian Species Classification Using Convolutional Neural Networks: A Comparative Study Of Classification Algorithms For Bird Detection	Science, Technology And Development Journal
6.	P.Rajendra Kumar	Optimization Assisted Hybrid Intelligent System For Heart Disease Prediction	Journal Of Mechanics In Medicine And Biology
7.	B.Lalitha Bhavani	An Effective Task Scheduling Methodology For Cloud Computing	IJAEMA

		Using Extension Cuckoo Search Algorithm And FMPSO	
8.	E Bala Krishna Manash	Intelligent Skin Cancer Diagnosis Using Adaptive K-Means Segmentation And Deep Learning Models	Concurrency Computat Pract Exper. 2023
9.	J.Malathi	An Effective Tumor Detection From MRI Images Using Deep Learning-Based Depthwise Separable CNN	Science, Technology And Development
10.		Helmet Detection at Industrial Sites using YOLO v7	International Journal of Computer Science and Mechatronics
11.	T.Satya Nagamani	A Comprehensive Study Of Effective Resource Allocation In Cloud Computing	Science, Technology And Development
12.	G.Vihari	Security Enhancement for Android Application using Proguard Rules	International Journal of Computer Science and Mechatronics
13.	Y.Siva Koteswara Rao	The Impact Of Artificial Intelligence On Logistics And The Supply Chain	IJIEMR
14.		An Automated Attendance Management System Based on Facial Recognition	IJIEMR
15.	Smt N V SK Vijaya Lakshmi K	Student Attendance Management System	Journal of Interdisciplinary Cycle Research
16.	K.Purna Prakash	A comprehensive analytical exploration and customer behaviour analysis of smart home energy consumption data with a practical case study	Elsevier
17.	K.Purna Prakash	Analytical Approach to Exploring the Missing Data Behaviour in Smart Home Energy Consumption Dataset	Journal of Renewable Energy and Environment
18.	K.Purna Prakash	Convolutional Neural Network-Based Personalized Program Recommendation System for Smart Television Users	Sustainability
19.	K.Purna Prakash	Analytical Enumeration of Redundant Data Anomalies in Energy Consumption Readings of Smart	Sustainability

		Buildings with a Case Study of Darmstadt Smart City in Germany	
20.	K.Purna Prakash	Machine Learning-Based Ensemble Classifiers for Anomaly Handling in Smart Home Energy Consumption Data	Sensors
21.	K.Purna Prakash	Systematic Statistical Analysis to Ascertain the Missing Data Patterns in Energy Consumption Data of Smart Homes	International Journal of Renewable Energy Research
22.	K.Purna Prakash	Exploration of Anomalous Tracing of Records in Smart Home Energy Consumption Dataset	ECS Transactions
23.	N. Durga Prasanna	A Novel Object Detection In Autonomous Vehicles Using CNN Algorithm	Journal of analytical and experimental modal analysis
24.	J.Malathi	Fake Reviews Detection Using Semi-Supervised And Supervised Machine Learning Approaches	The International Journal Of Analytical And Experimental Modal Analysis
25.	G.Pavan	Credit Card Fraud Detection Using SVM Algorithm	JETIR
26.	G.Pavan	Face Recognition Using Transfer Learning	IJCSM
27.	B Ramesh Babu	Deep Learning Based Novel Criminal Detection Approach Using Face Recognition	JICR
28.	<u>D. Srinivasa Rao</u>	SMS Spam Detection Using Federated Learning	Springers
29.	N.Prasad	Crop Yield Prediction Using Machine Learning	IJFANS International Journal Of Food And Nutritional Sciences
30.	N.Prasad	Online Voting System Using	IJCSM

		Blockchain Technology	
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Faculty wise list of Conference Publications

S.No	Name of the Faculty	Title of the Publication	Conference Name
1	V Gopinath	Privacy And Security Concerns In The Internet Of Things: A Layered Approach	2 nd International Conference on Intelligent Systems & Sustainable Computing (ICISSC -2022
2	P.Rajendra Kumar	Survey On Heart Disease Prediction Using Machine Learning Techniques	2 nd International Conference on Soft Computing for Security Applications ICSCS 2022
3	Dr. G. Chamundeswari	Design Of Load Frequency Controller Using Whale Optimization Algorithm”, International Conference On Smart Grids Structures And Materials	4 th International Conference on Smart Grids Structures and Materials (ICSGSM2022)