SRI SAIRAM ENGINEERING COLLEGE
CHENNAI
DEPARTMENT OF EIE

Journal Details 2020-2021

S No	Name of the Faculty	TITLE OF THE PAPER	NAME OF THE JOURNAL	SCI /SCOPUS/WoS
	Dr.C.Komathi	Smart energy metering for cost and power reduction in house hold applications	IEEE Xplore-digital library	SCOPUS
	Dr.C.Komathi	Analysis and design of IMC-PI controller with faster set point tracking and disturbance rejection for interleaved DC-DC SEPIC converter-based power factor correction	International journal of power electronics, Inderscience	SCOPUS
	Dr.C.Komathi	Design of Gray wolf optimizer algorithm based fractional order PI controller for power factor correction in SMPS applications	IEEE Transactions on Power Electronics	SCI
	Dr.C.Komathi	Modified Design approach using cuckoo search optimization algorithm for mitigation of harmonics and improvement of efficiency in back light LED TV Power supply	Lecture notes in Electrical Engineering	SCOPUS
	Dr.C.Komathi	Smart power distribution system for residential and industrial applications	IEEE Xplore –digital library	SCOPUS
	Dr.C.Komathi	Optimal controller tuning of a PI controller for a three tank non-interacting process	IEEE Xplore –digital library	SCOPUS
1	Dr.C.Komathi	Smart machine learning system for blind assistance	IEEE Xplore –digital library	SCOPUS
		Optimal controller tuning of a PI controller for a three tank non-interacting process	IEEE Xplore –digital library	SCOPUS
		Smart machine learning system for blind assistance	IEEE Xplore –digital library	SCOPUS
2	K.Thirupurasundari	Smart power distribution system for residential and industrial applications	IEEE Xplore –digital library	SCOPUS
3	B.Rajapandian	Evaluation of DC-DC converter using renewable energy sources	International Journal of Power electronics and drives	SCOPUS
		Self Medication for Diabetes Mellitus using machine learning	Journal of critical reviews	SCOPUS(To be indexed)
		IOT based Smart Medicine Kit	Materials Today: Proceedings	SCOPUS(To be indexed)
4	Dr.M.Nalini	Eye Power and Pressure detection using MEMS sensor	Materials Today: Proceedings	SCOPUS(To be indexed)
		Digital elevation model and terrain mapping using LiDAR	Materials Today	SCOPUS
5	Mr.K.Anbumani	Optimal state feedback controller for the three tank cylindrical interaccing system using grey wolf optimization	Microprocessors and Microsystems	SCI
		Optimal controller tuning of a PI controller for a three tank non-interacting process	IEEE Xplore –digital library	SCOPUS
		Smart machine learning system for blind assistance	IEEE Xplore –digital library	SCOPUS
		Smart power distribution system for residential and industrial applications	IEEE Xplore –digital library	SCOPUS
		"Design of Internal model control using Neuro fuzzy controller for power converter applications"	Lecture Notes in Electrical Engineering,Springer	SCOPUS
6	Dr.S.Durgadevi	A study of Smart Cancer Detection System Using Image Processing and Deep Learning"	Lecture Notes in Electrical Engineering,Springer	SCOPUS
7	Mr.T.Sathieskumar	Integration of optimised neural network and convolution neural network for automated brain tumor	Sensor Review	SCI
8	Ms.S.Subha	Design of ANFIS controller for intelligent energy management in smart grid applications	Journal of Ambient Intelligence and Humanized	SCI
		Cloud enabled automatic energy meter reading system	Test Engineering and Management	SCOPUS (To be indexed)
9	Dr.Swagata Sarkar	Design and Analysis of 64 GHz Millimeter Wave Microstrip Patch Antenna	Advances in Parallel Computing	SCOPUS(Accepted for Publication)
10	Ms.K.Srividya	Drowsiness detection and alert system using deep learning	International Journal of Grid and Cloud computing	WoS
		Design of a Smart Alert System for Epileptic Seizure Detection	Test Engineering and Management	SCOPUS (To be indexed)
		Hand Gesture Base Bore Well Robot	Materials Today: Proceedings	SCOPUS(To be indexed)
11	Ms.R.Gayathiri	Developing a model based on metal-detection in patients for type-1 diabetes using factorial swiching kalmen filter	Materials Today: Proceedings	SCOPUS(To be indexed)
12	Ms.T.Tamilselvi	Implementation of Simple Low Cost PV Panel Characterization Kit using Arduino	Turkish Journal of Computer and Mathematics	SCOPUS
13	Ms.S.Premalatha	Segmentation of skin lesion and cancer using fast fuzzy C means clustering	Solid state technology	UNDER REVIEW (SCOPUS)
14	Mr.R.Premkumar	Efficient and safe application for facial transfer with deep generative adversarial network	Journal of green engineering	SCOPUS
		Silicon made switches for the development of low cost asymmetric 25	Materials Today: Proceedings	UNDER REVIEW (SCOPUS)
15	Ms.B.Puviyarasi	Optical Character recognition system for visual impaired people and audio conversion using dataset	Test Engineering and Management	SCOPUS (To be indexed)