

Journals Published AY 2019-2020

S. No.	Name of the author	Co-author	Title of the Manuscript	Name of the journal	SCI	Scopus	UGC	Selected month and year	ISSN No.	Volume and Issue
1.	Dr G N Swamy	A. Mallaiah and Dr K. Padma Priya	Nanocell Parity Generator circuits Design and power dissipation analysis	Jour of Adv Research in Dynamical & Control Systems	NO	Yes	NO	19-Jul	1943-023X	11(sp-7)
2.	Dr G N Swamy	A. Mallaiah and Dr K. Padma Priya	A novel Design of majority gate (Three Variable) circuits and comparative analysis using Quantum dot cellular automata (QCA)	Jour of Adv Research in Dynamical & Control Systems	NO	Yes	NO	19-Jul	1943-023X	11(sp-7)
3.	Dr G N Swamy	W. Yasmeen, K. Padma Priya	Design of Ultra Wide Band Low Noise Amplifier for 3-5 GHz Using 0.18 μm	Jour of Adv Research in Dynamical & Control Systems	NO	Yes	NO	19-Jul	1943-023X	11(sp-7)
4.	S. Srinivasulu Raju	Seung-Bok. Choi, M. Umopathy and G. Uma	An effective energy harvesting in low frequency using a piezo-patch cantilever beam with tapered rectangular cavities	Sensor and Actuator A: physical	Yes	NO	NO	Oct-19	0924-4247	298 (15 oct)
5.	Mahammad Firose Shaik	Dr. M. Monica Subashini	Mobility Prediction and Interference Avoidance for Reliable Communication in Dynamic WBAN	TEST Engineering and Management	NO	Yes	NO	Dec-19	0193-4120	81 (6)
6.	Mahammad Firose Shaik	Dr. M. Monica Subashini	Two - Hop Interference Conscious and Energy-Efficient Routing Protocol for WBAN	Journal of Advance Research in Dynamical & Control Systems	NO	Yes	NO	Dec-19	1943-023X	11(sp-11)
7.	S. Kalpana	Daisy Rani A	Microfluidic based Platform for drug screening-A review	International Journal of Research in Pharmaceutical Sciences	NO	Yes	NO	Mar-20	0975-7538	11(3)
8.	K. Prasanthi	S. Chandrasekhar	Design and Analysis of Gray to Binary Converter using quantum dot cellular Automata	TEST Engineering and Management	NO	Yes	NO	Apr-20	0193-4120	83 (2)
9.	M. Srinivas	P. Durgaprasadarao	An Improved RSSI localization in LOS/NLOS environment.	International Journal of Advanced Science and Technology. (IJAST)	NO	Yes	NO	Apr-20	2207-6360	29(5)

10.	P. Durgaprasadarao	M. Srinivas	An efficient hybrid 3D localization using RSSI and AOA measurements.	International Journal of Advanced Science and Technology. (IJAST)	NO	Yes	NO	Apr-20	2207-6360	29(5)
11.	P. Srinivas	Dr. P. Swapna and Dr. CSS Anupama	Assessment of Membership Functions for Fuzzy Controlled Solar Photovoltaic System	TEST Engineering and Management	NO	Yes	NO	Apr-20	0193-4120	83 (2)
12.	P. Srinivas	Dr. P. Swapna and Dr. CSS Anupama	Comparison of Cuckoo Search and Sliding Mode Control mppt techniques for solar	Jour of Adv Research in Dynamical & Control Systems	NO	Yes	NO	May-20	1943-023X	12(2)
13.	K. Vijaya Lakshmi	Dr.M Manimozhi	Artificial Bee Colony based PD Controller Design for Quanser QUBE Servo	Journal of Advanced Research in Dynamical & Control Systems	NO	Yes	NO	May-20	1712-1719	12(2)
14.	P.Rajesh	V.Naveen Kumar	Determination of phase coherence for prediction of brain to heart maximum likelihood functional region	International Journal of Advanced Science and Technology	NO	Yes	NO	May-20	2207-6360	29(5)
15.	A.Sumalatha	Dr.A.Bhujanga Rao	Modeling of Boiler Drum for the Design of Drum Level Control -A System Identification Approach	International Journal of Advanced Science and Technology	NO	Yes	NO	May-20	2207-6360	29(6)
16.	M. Kranthi	P. Sushma Chowdary and Sri Hari Nallamala	Automatic Signal Indication System through Helmet	International Journal of Advanced Science and Technology	NO	Yes	NO	May-20	2207-6360	12(5)
17.	Dr. CSS Anupama	P. Srinivas and Dr. Ch. Srinivas	Performance Comparison of Machine Learning Classifiers in Early Diagnosis of Parkinson's Disease	Jour of Adv Research in Dynamical & Control Systems	NO	Yes	NO	Jun-20	1943-023X	12(6)
18.	V N Prudhvi Raj	G Mani Babu and G Krishna	Implementation of Smart Vehicle Data Entry System using LabVIEW and myRIO	International Journal of Soft Computing and Engineering (IJSCE)	NO	Yes	NO	Jun-20	1943-023X	12(6)
19.	G. Jalalu	P.Rajesh	Characteristic removal using image segmentation to recognize brain tumors	Journal of Critical Reviews	NO	Yes	NO	Jun-20	2394-5125	7(18)

20.	Dr. N Swathi	Prof. V.B.S.S.Indira Dutt, Prof. G.Sasibhushana Rao	Performance Evaluation of Delay Locked Loop Based GPS Multipath Estimation Algorithm over Low Latitude Region	Jour of Adv Research in Dynamical & Control Systems	NO	Yes	NO	Jun-20	1943-023X	12(SP6)
21.	P. Sushma Chowdary	M. Kranthi, M Sailaja and Sri Hari Nallamala	Investigation on IoT System Design and Its Components	Jour of Adv Research in Dynamical & Control Systems	NO	Yes	NO	Jun-20	1943-023X	12(6)
22.	K. Umamaheswari	P. Rajesh and B.N.Swamy	Analysis of Brain Tumor Multi-Channel MRIs Using Deep learning	Jour of Adv Research in Dynamical & Control Systems	NO	Yes	NO	Jun-20	1943-023X	12(6)
23.	Ch. Jayalakshmi	S. Kalpana and Dr. G N Swamy	Water Quality Monitoring and Control for Shrimp Cultivation	Jour of Adv Research in Dynamical & Control Systems	NO	Yes	NO	Jun-20	1943-023X	12(6)
24.	Dr G N Swamy	B. Ratna Raju and K. Padma Raju	Diagnosis of colorectal cancer based on imperialist competitive algorithm	Journal of Intelligent & Fuzzy Systems	Yes	NO	NO	20-Apr	1064-1246 (P)	DOI:10.3233/JIFS-189021

Faculty Attended Conferences in AY (2019-20)

S. No.	Name of the Faculty	Title of the paper	Title of the proceedings of the conference	National / International	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher	Date
1	Dr N. Swathi	MCMC Particle filter approach for efficient multipath error mitigation in static GNSS positioning applications	8 th International conference on innovations in electronics & communication Engineering (ICIECE-2019)	International		Gurunanak Institute of Technology, Hyderabad.	Springer notes	02/08/2019 to 03/08/2019

2	V. N. Prudhvi Raj	Implementation of virtual telepresence Robot using two approaches Rasperry-Pi and MyRIO	National Conference on Innovative and Emerging trends in Engineering Systems	National		IIT Roorkee, Roorkee	Springer notes	06/12/2019 to 08/12/2019
3	Dr. S. Srinivasulu raju	Design, Simulation and optimization of structural modification vibrational energy Harvesting system	International conference on instrumentation and control engineering (ICECON-2019)	International		National Institution of technology	IEEE	19/12/2019 to 21/12/2019
4	S. Kalpana	Microfluidic based platform for drug screening	ICIMBT - 2020	International		SRM Institute of science and technology	IEEE	13/02/2020 to 15/02/2020
5	Mahammad Firose Shaik	A new approach for Interference Mitigation in Multiple WBAN Using EMR-Rules	6 th International Conference on Advanced Computing and Communication Systems, ICACCS 2020	International	ISSN: 2575-7288	Sri Eshwar College of Engineering, India	IEEE	06/03/2020 to 07/03/2020