

**K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM**  
**(An Autonomous Institution affiliated to Anna University, Chennai)**  
**Department of Electronics and Communication Engineering**

Number of research papers published in the Journals

AY: 2020-2021

S.No	Title of paper	Name of journal	Name of the author/s	National/ International	Month & Year of publication	ISSN number	Annexure / UGC / Scopus / SCI / Others
1	Performance Analysis of Highly Efficient Two-Port MIMO Antenna for 5G Wearable Applications	IETE Journal of Research	N.Janakiraman	International	2021	0974-780X	Web of Science
2	A novel method for segmenting brain tumor using modified watershed algorithm in MRI image with FPGA	Biosystems	N.Janakiraman	International	December 2020	0303-2647	Web of Science
3	Analysis and the Simulation for the High Gain of Two Stage CMOS Operational Amplifier Circuit	Journal of Advanced Research in Innovative Discoveries in Engineering and Applications	N.Janakiraman	International	October 2020	2456-8805	UGC
4	Security improved duobinary Optical Communication Scheme through Bio-Inspired Chaos Masking Scheme	IET Optoelectronics	N.Janakiraman	International	September 2020	1751-8776	Web of Science
5	FPGA implementation of protected compact AES S-Box using CQCG for embedded applications	Advances in Parallel Computing	N.Janakiraman	International	2021	1879-808X	Scopus
6	An Effective Denoising and Enhancement Strategy for Medical Image using RL-GL-Caputo Method	Advances in Parallel Computing	N.Janakiraman	International	2021	1879-808X	Scopus
7	Automatic multiple human tracking using an adaptive hybrid GMM based detection in a crowd	Journal of Multimedia Tools and Applications	Dr. P. Karpagavalli Dr.A.V.Ramprasad	International	79:28993–29019 (2020)	<a href="https://doi.org/10.1007/s11042-019-08181-0">https://doi.org/10.1007/s11042-019-08181-0</a>	Web of Science

8	Design of frequency reconfigurable antenna for cognitive radio applications	OAM-Rapid Communication	T.R. Muthu	International	June 2021	1842-6573	Scopus
9	Tracking of Public TransportSystem	Journal of Advanced Research in Innovative Discoveries in Engineering and Applications	D.Anand	International	October 2020	2456-2033	UGC
10	Rail to Rail Folded Cascode Operational Transconductance Amplifier	Journal of Advanced Research in Innovative Discoveries in Engineering and Applications (UGC)	D.Anand	International	October 2020	2456-2033	UGC
11	Detection of worm hole attack using distributed detection algorithm	Journal of Advanced Research in Innovative Discoveries in Engineering and Applications (UGC)	S.R.Naresh	International	October 2020	2456-2033	UGC
12	Detection of malicious nodes using machine learning technique	Journal of Advanced Research in Innovative Discoveries in Engineering and Applications (UGC)	S.R.Naresh	International	October 2020	2456-2033	UGC
13	Design of hexagonal structured patch antenna miniaturization using shorting pin	SurajPunj journal for multidisciplinary research (UGC)	S.C.Sivaprakash	International	2021	2394-2886	UGC
14	Design of wearable textile patch antenna using Jean fabric	Journal of Advanced Research in Innovative Discoveries in Engineering and Applications (UGC)	S.C.Sivaprakash R.Thilagavathi	International	October 2020	2456-8805	UGC
15	Detection and Classification of lung cancer stages based on multiclass SVM	Journal of Advanced Research in Innovative Discoveries in Engineering and Applications (UGC)	S. Subha	International	October 2020	2456-8805	UGC