

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

LIST OF JOURNAL PUBLICATIONS

ACADEMIC YEAR 2020-2021

S.No.	Title of paper	Name of the author	Name of journal	ISSN number
1.	An IoT- Enabled Augmented Reality Framework for Plant Disease Detection	Dr.R.Nandakumar	Revue d' Intelligence Artificielle	0992499X
2.	A Survey on Mathematical, Machine Learning and Deep Learning Models for COVID-19 Transmission and Diagnosis	Dr.R.Nandakumar	IEEE reviews in biomedical engineering	1937-3333 1941-1189(online)
3.	Deep learning based modulation classification for 5G and beyond wireless systems	Dr.R.Nandakumar	Peer-to-Peer Networking and Applications	14(1), 319-332.
4.	Smart bi-facial solar inverter with effective charging system	Dr.R.Nandakumar	Materials Today: Proceedings	2214-7853
5.	An improved two-way secure key supervision (tsks) scheme for secure scada	Dr.R.Nandakumar	Materials Today: Proceedings	2214-7853
6.	Smart shoe using piezoelectric effect	Dr.R.Nandakumar	Suraj Punj Journal For Multidisciplinary Research. Volume 11, Issue 4, 2021, pp. 290 - 293	2394-2886
7.	Intelligent luminous control	Dr.R.Nandakumar	Suraj Punj Journal For Multidisciplinary Research	2394-2886
8.	Feature Extraction for the Classification of Human Chromosomes from G-Band Images using Wavelets	Dr.R.Nandakumar	International Journal of Engineering Research & Technology	2278-0181
9.	Real-time detection of unmarked speed bump for Indian roads	Dr.W.Deva Priya	European Journal of Molecular & Clinical Medicine	2515-8260 (Online)
10.	Automatic Water Management System For Industrial And Residential Purpose	Mr.Mahesh MV	A journal of the History of Ideas and Culture	0337-743X
11.	Connected Vehicles using Internet of Things	Ms.V.Sindhuja	International Journal of Science Technology and Management	2394-1537(online) 2394-1529

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S.No.	Title of paper	Name of the author/s	Name of journal	ISSN number	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
1.	An Implementation of GFDM Transmitter for 5G Waveform Generation,	Dr.R. Nandakumar	Journal of Xi'an University of Architecture & technology	1006-7930	YES
2.	Monitoring and optimizing the state of pollution of high voltage insulators using wireless sensor network based convolutional neural network	Mr.P.Govindaraju	Microprocessors and Microsystems	0141-9331	YES
3.	Speed bump Detection using Otsu's Algorithm and Morphological Operation	Dr.W. Deva Priya Dr.R.Nandakumar	International Journal on Emerging Technologies	ISSN NO. (Print) : 0975-8364, (Online): 2249-3255	YES
4.	A Review on Block Chain Technology Applications with an Emphasis on Health Care	Dr.R. Nandakumar	International Journal of Advanced Science and Technology	ISSN: 2207-6360 (Online)	YES
5.	Effective Crop Loss Assessment for Picture Based Insurance Claim	Dr.W. Deva Priya	TEST Engineering & Management	ISSN: 0193-4120	YES
6.	Health Management of Crop Precision with smart farming technologies using IoT	Dr.R.Nandakumar P. Premkumar	Solid State Technology	ISSN 0038-111X (online),	Peer-reviewed journal
7.	Detection of Abnormalities in Kidneys Using Image Processing	Dr.R. Nandakumar	International Journal of Emerging Trends in Engineering Research	2347 - 3983	YES
8.	Deep learning based modulation classification for 5G and beyond wireless systems	Dr.R. Nandakumar	Peer-to-Peer Networking and Applications	19366450, 19366442	YES
9.	Real-Time detection of Unmarked Speed bump for Indian roads	Dr.W. Deva Priya	European Journal of Molecular & Clinical Medicine	2515-8260	YES
10.	Data-Driven Methods for Next Generation of Wireless Communication Network	Dr.R. Nandakumar	International Journal of Advanced Trends in Computer Science and Engineering	22783091	YES

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ACADEMIC YEAR 2018-2019

S.No.	Title of paper	Name of the author/s	Name of journal	ISSN number	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
1.	Low Power high Speed Estimated Reconfigurable Multiplier for Multimedia Signal Processing	M.Udhayakumar B.Vinothkumar R.Pradeep S.Dhanalakshmi	International Journal for Scientific Research and Development	2321-0613	Peer-reviewed journal
2.	Comparative Analysis of OOK, BPSK, DPSK and PPM Modulation Techniques for Intersatellite Free-Space Optical Communication	M.Udhayakumar B.Vinothkumar R.Pradeep S.Dhanalakshmi	International Research Journal of Engineering and Technology	2395-0056 (online) 2395-0072	Peer-reviewed journal

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ACADEMIC YEAR 2017-2018

S.No.	Title of paper	Name of the author/s	Name of journal	ISSN number	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
1.	Voice Controlled Smart Wheelchair	S.Premalatha A.Ravi J.Divakaran E.L.Dhivya priya	International Journal for Scientific Research and Development	2321-0613	Peer-reviewed journal
2.	Performance analysis of VLSI floor planning based on artificial bee colony algorithm	K.R.Gokulanand K.Venkatachalam	International Journal of Engineering & Technology	23198613, 09754024	Peer-reviewed journal
3.	Machine learning algorithms: a background artifact”	T. Senthil	International Journal of Engineering & Technology	2227-524X	Peer-reviewed journal
4.	Border Alert System using Smart Boat to Safeguard the Fisherman”	Dr. N. R. Rajalakshmi K. R Gokul Anand B. Latha T. Marthandan S. Kathik	International Journal on Future Revolution in Computer Science & Communication	ISSN: 2454-4248	Peer-reviewed journal
5.	Active utilization of grey water in residential buildings using IOT	K.R.Gokul Anand N.R.Rajalakshmi P.Saranya P.Vidhya B. Latha	International Journal of Creative Research Thoughts (IJCRT)	ISSN: 2320-2882	Peer-reviewed journal
6.	Animal – Migration Algorithm to Solve Area Estimation in VLSI Floor Planning	K.R. Gokul anand N.R.Rajalakshmi B.Latha	International Journal of Pure and Applied Mathematics	ISSN: 1314-3395	Peer-reviewed journal
7.	Review paper Renovation of Wastewater to Utilizable Energy	K.R.Gokulanand	International Journal for Scientific Research and Development (IJSRD)	2321-0613	Peer-reviewed journal