K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
Tiruchengode - 637215
(Approved by AICTE, Affiliated to Anna University, Accredited by NAAC (A+) & NBA)
Department of Electronics and Communication Engineering
List of Journal Publications

S.No	Title of paper	Name of the author	Name of journal	ISSN number	Is it listed in UGC Care list/Scopus/ Web of Science/other, mention
			YEAR 2022		
1.	LSTM Based Spectrum Prediction for Real Time Spectrum Access for IOT Applications	Dr.R.Nandakumar	Intelligent automation & soft computing	ISSN (Online): 2326-005X	Annexure-1
2.	Detection of Diabetic Retinopathy from Retinal Images using DenseNet Models	Dr.R.Nandakumar	Computer System Science &Engineering	ISSN 0267-6192	Annexure-1
3.	Environmental Impact of High Voltage Insulator Quality Analysis using Improved Deep Learning approach	Mr.P.Govindaraju	Journal of Environmental Protection and Ecology	ISSN 1311-5065	Annexure-1
4.	Flood Monitoring and Alerting System Using IoT	Dr.S.Premalatha	International journal of intellectual advancements and research in engineering computations	ISSN 2348-2079	Peer-reviewed journal
5.	IOT based Coal mine workers safety monitoring and alerting system	Dr.S.Jayachitra	International journal of intellectual advancements and research in engineering computations	ISSN 2348	Peer-reviewed journal
6.	Cold Supply Chain Risk Monitoring and Safety alerting System Using IoT	Mr.M.Udhayakumar	International journal of intellectual advancements and research in engineering computations	ISSN 2348	Peer-reviewed journal
			YEAR 2021		
1.	An IoT- Enabled Augmented Reality Framework for Plant Disease Detection	Dr.R.Nandakumar	Revue d' Intelligence Artificielle	0992499X	YES
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)	YES

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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.	YES
4.	Smart shoe using piezoelectric effect	Dr.R.Nandakumar	Suraj Punj Journal For Multidisciplinary Research. Volume 11, Issue 4, 2021, pp. 290 - 293	2394-2886	YES
5.	Intelligent luminous control	Dr.R.Nandakumar	Suraj Punj Journal For Multidisciplinary Research	2394-2886	YES
6.	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	YES
7.	Real-time detection of unmarked speed bump for Indian roads	Dr.W.Deva Priya	European Journal of Molecular & Clinical Medicine	2515-8260 (Online)	YES
8.	Automatic Water Management System For Industrial And Residential Purpose	Mr.M.V.Mahesh	A Journal of the History of Ideas and Culture	0337-743X	YES
9.	Weather Station Monitoring using LORA	Mr.B.Vinothkumar	International Journal of Research and Analytical Reviews	E-ISSN 2348-1269, P- ISSN 2349-5138	YES
10.	Smart bi-facial solar inverter with effective charging system	Dr.R.Nandakumar	Materials Today: Proceedings	2214-7853	Peer-reviewed journal
11.	An improved two-way secure key supervision (tsks) scheme for secure scada	Dr.R.Nandakumar	Materials Today: Proceedings	2214-7853	Peer-reviewed journal
YEAR 2020					
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

S.No	Title of paper	Name of the author	Name of journal	ISSN number	Is it listed in UGC Care list/Scopus/ Web of Science/othe r, mention
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
			YEAR 2019		
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
			YEAR 2018		
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

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1.	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
2.	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
3.	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
4.	Review paper Renovation of Wastewater to Utilizable Energy	K.R.Gokulanand	International Journal for Scientific Research and Development (IJSRD)	2321-0613	Peer-reviewed journal

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