



K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE - 637215

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

JOURNAL PUBLICATION FOR THE ACADEMIC YEAR 2022 – 2023

S. No.	Name of the Author(s)	Title of the paper	Name of the Journal	SCI Scopus	Volume/ Issue No.	DOIs	Page No.	Year of Publication
1.	Dr.P.S.Periasamy	Fault Detection for Photovoltaic Panels in Solar Power Plants by Using Linear Iterative Fault Diagnosis (LIFD) Technique Based on Thermal Imaging System	Journal of Electrical Engineering & Technology Published	SCI Scopus	18	10.1007/s42835-023-01381-7	3091	2023
2.	Dr.P.S.Periasamy P. Gomathi C. Muniraj	Digital infrared thermal imaging system based breast cancer diagnosis using 4D U-Net segmentation	Biomedical Signal Processing and Control	SCI Scopus	85	10.1016/j.bspc.2023.104792	1	2023
3.	Dr.S.Karthikeyan R.K Negesh	Optimized PI Controller Based Reboost Luo Converter for Micro Grid Application	Intelligent Automation & Soft Computing	SCI Scopus	36/1	10.32604/ia-sc.2023.027764	1151	2023
4.	Dr.S Karthikeyan, R.K Negesh, Tharwin Kumar, M.Sivasubramanian	Implementation of PV-wind based microgrid system using whale optimization algorithm	SSRG International Journal of Electrical and Electronics Engineering	SCI Scopus	10/4	doi.org/10.14445/23488379/IJEEE-V10I4P102	12	2023

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5.	Dr.C.Gowri Shankar C.Arunprasath	Adaptive Sub-Threshold Voltage Level Control for Voltage Deviate-Domino Circuits	Intelligent Automation & Soft Computing	SCI Scopus	35/2	10.32604/ia-sc.2023.028758	1767	2023
6.	Dr. S. Karthikeyan V.Sujatha K.P.Ramaprapha V.Nirmalkumar	An Advancement of Humans Activities Detection Based on Wireless Sensors and Machine Learning	Advanced Engineering Science	Scopus	54/2	-	5855	2022
7.	Dr. S. Karthikeyan C.Kiran T.Kiranraj E.Rathi Devi N.Subha	EB Energy Meter Monitoring System Using IOT	International Journal of New Innovations in Engineering and Technology	-	22	ISSN:2319-6319	1173	2023
8.	Dr.S.Karthikeyan T.Aswath A.Dhanush K.B.Ruthuresh M.Sabari	Human Life Safety System with Electrical Information using GSM & GPS	International Journal of New Innovations in Engineering and Technology	-	22/ 1	ISSN: 2319-6319	849	2023
9.	Dr.R.Eswaramoorthi K.Ilavarasan S.Arunkumar T.Monoj R.Prapakaran	Land Slide Monitoring System Using IOT	International Journal of New Innovations in Engineering and Technology	-	22/1	ISSN:2319-6319	818	2023
10.	Mr.P.Sivasankar Rajamani C.P.Jeevanandham G.Santhiya M.Sowmyashri R.Swathi	Driver drowsiness detection and control system using embedded system	International Journal of New Innovations in Engineering and Technology	-	22/1	ISSN:2319-6319	818	2023

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11.	Dr.T.M.Sathishkumar R.Magibalan A.Mohanprasath T.Ragul S.Selva Praveen	Areal Time Bus Monitoring System using Mobile Location	International Journal of New Innovations in Engineering and Technology	-	22/1	ISSN: 2319-6319	624	2023
12.	Dr.T.M.Sathishkumar P.Sujitha	Huffman coding algorithm based adaptive noise cancellation	International research journal of engineering and technology	-	10/6	ISSN:2395-0072	252	2023
13.	Mrs.P. Thilagavathi D.Kishore S.Lingesh M.Naveena V.Vignesh	Automatic bus arrival announcement system using RF transmitter and receiver	International Journal of New Innovations in Engineering and Technology	-	22/1	ISSN: 2319-6319	624	2023
14.	Dr.R.Satheeskumar S.Jagadeep A.Shalini M.Sree Ganesh R.Yogesh	Night Vision Security Patrolling Robot with Sound Sensing	International Journal of New Innovations in Engineering and Technology	-	22/1	ISSN: 2319-6319	885	2023
15.	Dr.P.Mahendran M.S.Kavitha R.Radhika C.Kotteeswaran	Design of All Pass Make over Based Capricious Digital Filter using Eminent Speed Dual Carry Select Adder and Truncation and Rounding Approximate Multiplier for Image Processing Application	Concurrency and computation practice and experience	SCI Scopus	35/6	https://onlinelibrary.wiley.com/doi/10.1002/cpe.7575	8	2023
16.	Dr.P.Mahendran T.Aravindhan S.Diwahar S.Sharan Y.Sneha	Automatic Electrical Appliance Fault Detection System with Remote Monitoring Through IoT	International Journal of New Innovations in Engineering and Technology	-	22/1		860	2023

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17.	Mr.R. Veeramani Mr.J.Rameshkumar S.Gowrimanohari M.Jayaprakash D.Monisha M.Tamillarsau	Design of Broadband Microstrip Patch Antenna for 5G Applications	International Journal of Current Engineering and Scientific Research	-	10	ISSN:2393-8374	74	2023
18.	Mr.K.Karuppanasamy K.Ashokkumar S.Dinesh S.Mohan R.Perumal	Railway Track Defect Monitoring Based on IoT	International Journal of New Innovations in Engineering and Technology	-	22	ISSN:2319-6319	553	2023
19.	Dr.R.Poornima B.R.Tapas Bapu. S. Sivakumar R. Subhashini	Evolutionary gravitational neocognitron neural network based differential spatial modulation scheme for uplink multiple user huge MIMO systems	Knowledge based systems	SCI Scopus	258/1	doi.org/10.1016/j.knosys.2022.109993	1	2022
20.	Mr.M.Jothimani T.Dineshkumar B.Sethu G.Vinothni V.Tirumurugan	Water Quality Monitoring System Based on IOT	International Journal of New Innovations in Engineering and Technology	-	22/ 1	ISSN:2319-6319	768	2023
21.	Dr.K.P.Uvarajan M.Kavin M.Sakthisree G.Vinoth S.Tamilshri	Automated intimation to ambulance for emergency medical service and traffic clearance using IOT	International Journal of New Innovations in Engineering and Technology	-	22 / 1	ISSN:2319-6319	768	2023
22.	Mrs.P.Usha E.Subashni S.Pardeepa K.Karthikadevi	Student Management System and SGPA,CGPA Calculator	International Journal of New Innovation in Engineering and Technology	-	22 /1	ISSN:2316-6319	760	2023

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23.	Mrs.D.Gowthami J.Indhumathi M.Kalidas S.Kavinmuthu V.Priyadharshni	Navigation System for Visually Impaired People by Using Raspberry Pi	International Journal of New Innovation in Engineering and Technology	-	22 /1	ISSN:2316-6319	826	2023
24.	Mr.S.Krishnakumar S.D.Logesh S.M.Thilakbalaji J.Kamaraj N.Sree Harish	IoT based Smart Greenhouse Framework and Control Strategies for Sustainable Agriculture	International Journal of New Innovations in Engineering and Technology	-	22 /1	ISSN:2319-6319	806	2023