K.RAMAKRISHNAN COLLEGE OF ENGINEERING
DEPARTMENT OF EEE
JOURNAL PUBLICATION DETAILS
ACADEMIC YEAR (2021-2022)

S.NO	NAME OF THE FACULTY	TITLE	NAME OF THE JOURNAL	VOLUME/ ISSUE	YEAR
1	Dr. K. Dhayalini	Two step synthesis and electrochemical behavior of SnO2 nanomaterials for electrical energystorage devices	Inorganic Chemistry Communications	https://www.sciencedirect.com/science/article/abs/pii/S1387700321003580	JULY 2021 (SCI)
2	Dr. K. Dhayalini	Type II fuzzy logic based cluster head selection for wireless sensor network	Computer, Materials & Continua	DOI:10.32604/cmc.2022.019122	SEP 2021 (SCI)
3	Dr. K. Dhayalini	Enhanced performance of SnO2-noble metal composites on electrical energy generation and storage devices	IEEE Transactions on Electron Devices	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9526620	SEP 2021 (SCI)
4	Dr. K. Dhayalini	Optimal load forecasting model for peer -to-peer energy trading in smart grids	Computer, Materials & Continua	DOI:10.32604/cmc.2022.019435	SEP 2021 (SCI)
5	Mr. R. Saranraj	Conventional and fuzzy proportional integral (PI) speed controller of induction motor drive	Springer-Lecture notes in electrical engineering	(LNEE, volume 788), https://link.springer.com/chapter/10.1007/978-981-16-4149-7_2	SEP 2021 (SCOPUS)
6	Dr. R. Ilango	S2NA-GEO method–based charging strategy of electric vehicles to mitigate the volatility of renewable energy sources	International Transactions on Electrical Energy Systems	ISSN : 2050 - 7038	OCT 2021 (SCI)

7	Mr.G. Gabriel Santhosh Kumar	Optimal confidential mechanisms in smart city healthcare	Computers, Materials & Continua	DOI:10.32604/cmc.2022.019442	OCT 2021 (SCI)
8	Dr. K. Dhayalini	A Case Study on the Performance of MPPT and Plug in Interconnected EV Charging Connected to University Power Distribution System	IEEE Xplore	DOI: 10.1109/INDISCON53343.2021.9582187	NOV 2021 (SCOPUS)
9	Dr. R. Ilango	Impact of water depth on thermal efficiency, exergy efficiency,and exergy losses of finned acrylic solar still: an experimental study	Environmental Science and Pollution Research	https://doi.org/10.1007/s11356-021-17400-x	NOV 2021 (SCI)
10	Mr. R. Saranraj	A Novel Approach For Smart Fan & Light Control System For Industrial Applications	Natural Volatiles & Essent. Oils	8(5): 604 – 610	NOV 2021 (SCOPUS)
11	Ms. R. Nithya	Development of Raspberry PI Based Embedded Scheme for Power Theft Monitoring	IEEE XPLORE	DOI: 10.1109/ICOSEC51865.2021.9591704	NOV 2021 (SCOPUS)
12	Ms. R. Nithya	Development of Zigbee Based Embedded System for Mill Coolant and Lubricants Parameter Monitoring	IEEE XPLORE	DOI: 10.1109/ICOSEC51865.2021.9591802	NOV 2021 (SCOPUS)
13	Mr. U. Ramani	Identification of drivers drowsiness based on features extracted from EEG signal using SVM classifier	3C Tecnología	. https://doi.org/10.17993/3ctecno.2021.specialissue8,PG:579-595	DEC 2021 (WoS)
14	Mr. A. Prabhu	Eye movement signal classification for developing human computer interface using electro oculogram	Journal of Healthcare Engineering	DOI:10.1155/2021/7901310	DEC 2021 (SCI)

15	Mr. R. Gopalakrishnan &Dr. K. Dhayalini	Performance optimization of stepper motor using MATLAB	LNEE (Springer)	Vol 795	DEC 2021 (SCOPUS)
16	Mr. U. Ramani	IoT-Based Embedded System for Monitorization of Healthcare	Lecture Notes on Data Engineering and Communications Technologies	volume 93	JAN 2022 (SCOPUS)
17	Dr. R. Ilango	Stroke Volume Estimation from Respiratory Inductive Plethysmograph: Double Empirical Decomposition	Scientific Programing	ISSN: 1058-9244 (Print) ISSN: 1875-919X (Online)	JAN 2022 (SCI)
18	Mrs. A. Durgadevi	Classification of electroencephalogram signal for developing brain-co,puter interface using bioinspired machine learning approach	Hindawi Computational Intelligence and Neuroscience	Vol 2022, ID 4487254	FEB 2022 (SCI)
19	Ms. R. Nithya & Ms. R. Sushmitha	Development of PIC controller based embedded control for automatic solar energy follower	IEEE XPLORE	ISBN : 978-1-6654-0118-0	FEB 2022 (CONF)
20	Mr. U. Ramani	Embedded PID controller design based self adjusting robot	IEEE Xplore	ISBN : 978-1-6654-0053-4	MAR 2022 (CONF)
21	Mr. U. Ramani	Design and Development of controller based Automatic Ground Cleaning Robot	IEEE XPLORE	DOI: 10.1109/ICCMC53470.2022.9753828	MAR 2022 (CONF)
22	Dr. R. Ilango	Investigation on solar-powered electrocoagulation (SPEC) for the treatment of domestic wastewater	Advances in Material Science and Engineering	Vol 2022, Article ID : 5389340	APR 2022 (SCI)

23	Mr. U. Ramani	Multimodal Biomatrices Recognition Using Soft Computing	Smart Innovation, Systems and Technologies, Springer	ISBN 978-981-16-6615-5, Vol 267	APR 2022 (CHAP)
24	Mr. T. M. Navinkumar	Design of DC-DC Converter based Self Balancing Segway Transporter for Indoor Applications	IEEE Xplore	DOI: 10.1109/ICCMC53470.2022.9754078	APR 2022 (CONF)
25	Mr. T. M. Navinkumar	Comparative Analysis of Prediction on Solar Radiation in Energy Generation System using Random Forest and Decision Tree	IEEE Xplore	10.1109/ICSCDS53736.2022.9760819	APR 2022 (CONF)
26	Dr. K. Dhayalini	La2O3/Nd2O3 Incorporated SnO2 Nanomaterials for Solar Cell and Electrochemical Supercapacitor Applications	Journal of Electronic Materials	Vol 51, 3958-3969, https://doi.org/10.1007/s11664-022-09671-y	MAY 2022 (SCI)
27	Mr. V. Ashokkumar	Design of peer-to-peer energy trading in transactive energy managenment for charge estimation of lithium-ion battery on hybrid electric vehicles	Electric Power Sytems Research	Vol 207, Article ID :107845 https://doi.org/10.1016/j.epsr.2022.107845	JUNE 2022 (SCI)
28	Dr. R. Ilango	Charging demand based on the interaction among electric vehicles and renewable energy sources using hybrid technique	Clean Technologies and Environmental Policy	https://doi.org/10.1007/s10098-022-02334-w	JUNE 2022 (SCI)