Dr. Mahalingam College of Engineering and Technology, Pollachi-3
Department of EEE
Paper Publications
2020-21

Title of paper	Name of the author/s	Name of journal	YOP	Vol & Issue No, pages, ISSN number	Link to the recognition of the Journal		Citation Index
					Link to website of the Journal	Link to article/paper/abstract of the article	
An enhanced solution for Dynamic Economic Emission scheduling using Biogeography based Optimization Algorithm	Balamurgan K., Umamaheswari K., Subhasree J.*, Thiruvenkidu V., Rhithik M., Sangeetha T. and Sathyapriya G	Research Journal of Chemistry and Environment	Jun-20	Vol. 24 (Special Issue I), (2020), 161-165, ISSN: 0972-0626	https://worldresearchersassociations.com/chemistryhome.aspx	https://worldresearchersassociations.com/RJCESpecial(I)2020/7.pdf	Scopus
Solving Economic Load Dispatch Using JAYA algorithm	Balamurugan K.,Umamaheswari K., Prabhu Raj M., Nivetha S.*, Giriprasad K., Ravirahul M., Guhaneeswaran V. and Arun R.M.	Research Journal of Chemistry and Environment	Jun-20	Vol. 24 (Special Issue I), (2020), 161-165, ISSN: 0972-0626	https://worldresearchersassociations.com/chemistryhome.aspx	https://worldresearchersassociations.com/RJCESpecial(I)2020/29.pdf	Scopus
Energy conservation measures in coir industry –case study	Chitra L, Senthilkumar A. and Rameshkumar M.	Research Journal of Chemistry and Environment	Jun-20	Vol - 24 Issue -1 PP -166-169	https://worldresearchersassociations.com/chemistryhome.aspx	https://worldresearchersassociations.com/RJCESpecial(I)2020/30.pdf	Scopus

Title	Authors	Journal	Date	Volume/Issue/ISSN	Link 1	Link 2	Indexing
Photo Voltaic Powered Sailing Boat	Amudha J, Vinothkumar B.and Thirumarai Selvi C.	Research Journal of Chemistry and Environment	Jun-20	vol - 24 Issue -1 PP -144-152, ISSN: 0972-0626	https://worldresearchersassociations.com/chemistryhome.aspx	https://worldresearchersassociations.com/RJCESpecial(I)2020/27.pdf	Scopus
Automatic detection and monitoring of water impurities in smart city	Amudha J, Vinothkumar B.and Thirumarai Selvi C.	Research Journal of Chemistry and Environment	Jun-20	vol - 24 Issue -1 PP -136-143, ISSN: 0972-0626	https://worldresearchersassociations.com/chemistryhome.aspx	https://worldresearchersassociations.com/RJCESpecial(I)2020/26.pdf	Scopus
Temperature Controller for Multizone Hot Runner in Injection Moulding Machine	Saravanakumar M, Kapil Kumar G, Vijay C V, Mohan Prasath P	International Journal for Research in Engineering Application & Management	Jul-20	Vol-06, Issue-04, 2454-9150, ISSN : 2454-9150	https://ijream.org/	http://ijream.org/papers/IJREAMV06I0464118.pdf	Not indexed
FPGA based implementation of MPPT algorithms for photovoltaic system under partial shading conditions	A.Senthilvel, K.N.Vijeyakumar B.Vinothkumar	Microprocessor & Microsystem	Sep-20	vol 77, , 0141-9331, ISSN: 0141-9331	https://www.sciencedirect.com/journal/microprocessors-and-microsystems	https://doi.org/10.1016/j.micpro.2020.103011	SCIE
Analysing the Insulation of PMBLDC Motor by Varying its Stator Winding Material and Number of Turns using FEA Tool	Mr. Praveenkumar Chandran.,Dr.M.Kaliamoorthy.Dr.S.U.Prabha	Solid State Technology	Dec-20	Vol. 63 No. 5 (2020),8393 - 8405, ISSN:0038-111X	http://solidstatetechnology.us/index.php/JSST/article/view/7726	http://solidstatetechnology.us/index.php/JSST/article/view/7727	Scopus

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A modified salp swarm algorithm (SSA) combined with a chaotic coupled	C. Thirumarai Selvi , J. Amudha R. Sudhakar	Biomedical Signal Processing and Control	Apr-21	Volume 66, 102465, ISSN: 1746-8108	https://www.sciencedirect.com/journal/biomedical-signal-processing-and-control	https://doi.org/10.1016/j.bspc.2021.102465	SCIE
Medical image encryption and compression by adaptive sigma filterized synorr certificateless signcryptive Levenshtein entropy-coding-based deep neural learning	Dr.J.Amudha.,Dr.R.Sudhakar,Dr.C.Thirumaraiselvi.	Multimedia Systems, Springer	Apr-21	27, 1059–1074, ISSN:1432-1882	https://www.springer.com/journal/530	https://doi.org/10.1007/s00530-021-00764-y	SCIE
An Integrated Piezoelectric Sensor Based Energy Efficient Transmission Using Base-Station Controlled Dynamic Clustering Protocol	Subramanian, Arunkumar, and Vinoth Kumar Bojan.	Wireless Personal Communications	Jan-21	117, pages1043–1058, ISSN: 0929-6212	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-020-07910-1	SCIE
Review on intelligent prediction transportation system for pedestrian crossing using machine learning	Dr.B.Kishore & Dr.L.Chitra	Materials Today: Proceedings-Elsevier	Mar-21	ISSN: 2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2021.01.229	Scopus

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Glaucoma classification based on intra-class and extra-class discriminative correlation and consensus ensemble classifier	Kishore Balasubramanian, N.P.Ananthamoorthy	Genomics-Elseiver	Sep-20	112(5), 3089–3096, ISSN: 0888-7543	https://www.sciencedirect.com/journal/genomics	https://doi.org/10.1016/j.ygeno.2020.05.017	SCIE
Improved adaptive neuro-fuzzy inference system based on modified glowworm swarm and differential evolution optimization algorithm for medical diagnosis	Kishore Balasubramanian, N.P.Ananthamoorthy	Neural Computing and Applications-Springer	Jan-21	33, 7649–7660, ISSN 1433-3058	https://www.springer.com/journal/521	https://doi.org/10.1007/s00521-020-05507-0	SCIE
Microwave Tomography and Medical Applications – A Precursor	Kishore Balasubramanian , K. Ramya	Journal of Xidian University	Jan-21	15(1), 316-334, ISSN No: 1001-2400	http://xadzkjdx.cn/	https://doi.org/10.37896/jxu15.1/034	Scopus
State-of-the-art techniques in optic cup and disc localization for glaucoma diagnosis: research results and issues	Kishore Balasubramanian, N.P.Ananthamoorthy	Critical Reviews in Bioemedical Engineering	Jun-20	48(1), 63–83, ISSN: 0278-940X	https://www.dl.begellhouse.com/journals/4b27cbfc562e21b8,65281c906a247a28,7f76a77d3107bae0.html	https://doi.org/10.1615/CritRevBiomedEng.2020034070	Scopus
A Novel n-Decimal Reversible Radix Binary Coded Decimal Multiplier Using Radix ncoding Scheme	K. Saranya, Dr.K.N.Vijeyakumar	Circuits Systems signal processing-Springer	Apr-21	40, pages1743–1761, ISSN 1531-5878	https://www.springer.com/journal/34	https://doi.org/10.1007/s00034-020-01549-w	SCIE

A Low Area FPGA Implementation of Reversible Gate Encryption with Heterogeneous Key Generation	K. Saranya, Dr.K.N.Vijeyakumar	Circuits Systems signal processing-Springer	Jan-21	40, pages3836–3865, ISSN 1531-5878	https://www.springer.com/journal/34	https://doi.org/10.1007/s00034-021-01649-1	SCIE
Temperature Controller for Multizone Hot Runner in Injection Moulding Machine	M.Saravanakumar	International Journal for Research in Engineering Application & Management	Jul-20	6(4), 147-154, ISSN : 2454-9150	https://www.ijream.org/	DOI : 10.35291/2454-9150.2020.0516	Not indexed
Discovery of Malicious Intruders in Cloud Environment Violating Service Level Agreements	Pandeeswari, N., K. Sridar, R. Revathi Sivakami Raja, P. Rajalakshmi, and T. Anand Kumar	Annals of the Romanian Society for Cell Biology,	Apr-21	Volume 25: Issue 4, 200-211, ISSN: 2067-3019	http://annalsofrscb.ro	https://annalsofrscb.ro/index.php/journal/article/view/2453	Scopus
Current droop control of parallel inverters in an autonomous microgrid	VenkateshBoddapati., T.SatheshKumar.,N.Prakash.,B.Gunapriya	Materials Today:Proceedings-Elsevier	Oct-20	Volume 45, Part 2, 2021, Pages 2034-2039, ISSN: 2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2020.09.496	Scopus
A Review on Small Power Rating PV Inverter Topologies and Smart PV Inverters	V.Indragandhi,V.Vijayakumar, P.Pitta Janakiram,K.Rameshkumar,R.Logesh & V.Subramaniyaswamy.	Electronics-MDPI	May-21	10(11), 1296, ISSN: 2079-9292	https://www.mdpi.com/journal/electronics	https://doi.org/10.3390/electronics10111296	SCI
Novel Multi-Time Scale Deep Learning Algorithm for Solar Irradiance Forecasting	N Yogambal Jayalakshmi, R Shankar, Umashankar Subramaniam, I Baranilingesan, Alagar Karthick Balasubramaniam Stalin, Robbi Rahim, Aritra Ghosh	Energies-MDPI	Apr-21	14(9), 2404, ISSN: 1996-1073	https://www.mdpi.com/journal/energies	https://doi.org/10.3390/en14092404	SCI