

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
1	An approach to study the interrelationship between Mechanical and Durability properties of Ternary blended cement concrete using linear Regression Analysis	N.Sakthieswaran	CIVIL	Mathematical Biosciences and Engineering	2019	ISSN:1539-3704.	https://pubmed.ncbi.nlm.nih.gov/31499634/	https://doi.org/10.3934/mbe.2019185	SCIE
2	Waste Shell Powders as Valuable Bio- Filler in Gypsum Plaster – Efficient Waste management Technique by Effective Utilization	N.Sakthieswaran	CIVIL	Journal of Cleaner Production (Elsevier)	2019	ISSN: 2666-7916	https://www.sciencedirect.com/science/article/abs/pii/S0959652619305086	https://doi.org/10.1016/j.jclepro.2019.02.119	SCIE
3	Synergistic effect of mineral admixture and bio-carbonate fillers on the physicochemical properties of gypsum plaster', Construction and Building Materials (Elsevier)	N.Sakthieswaran	CIVIL	Materials (Elsevier)	2019	ISSN 1369-7021	https://www.sciencedirect.com/science/article/abs/pii/S0950061819301928	https://doi.org/10.1016/j.conbuildmat.2019.01.160	SCIE
4	Experimental investigations on the properties of epoxy resin bonded cement concrete containing sea sand as fine aggregate	N.Sakthieswaran	CIVIL	Materials (MDPI)	2019	ISSN 2078-2489	https://www.mdpi.com/1996-1944/12/4/645	https://doi.org/10.3390/ma12040645	SCIE
5	Synergistic effect of marble powder and green sand on the mechanical properties of metakaolin-cement concrete	N.Sakthieswaran	CIVIL	Materials (MDPI)	2019	ISSN 2078-2489	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6385115/#:~:text=The%20flexural%20strength%20of%20the,with%20metakaolin%20as%20cement%20substitute.	https://doi.org/10.3390/ma12030476	SCIE
6	Performance of Nano-Silica Modified Self-Compacting Glass Mortar at Normal and Elevated Temperatures	N.Sakthieswaran	CIVIL	Journal of Cleaner Production (Elsevier)	2019	ISSN 0959-6526.	https://www.mdpi.com/1996-1944/12/3/437	https://doi.org/10.3390/ma12030437	SCIE
7	Impact of Check Dam in Groundwater level and Water Quality of Vaigai River Madurai District, Tamil Nadu, India	V.Sekaran	CIVIL	Indian Journal of Ecology	2019	ISSN : 0304-5250	https://www.indianjournals.com/ijor.aspx?target=ijor:ije1&volume=46&issue=1&article=006	http://indianecologicalsociety.com/society/indian-ecology-journals/	SCOPUS

8	Assessment of Ground Water Quality Based on Socio Economical Activities in Cauvery River Bed of Tamil Nadu	V.Sekaran	CIVIL	Indian Journal of Ecology	2019	ISSN : 0304-5250	https://www.cabdirect.org/cabdirect/abstract/20193125746	http://indianecologicalsociety.com/.../	SCOPUS
9	Compressive Strength of Concrete Using Sea Sand as a Partial Replacement for Fine Aggregate	Dr. R.Ellis Yogesh	CIVIL	International Journal for Science and Advance Research in Technology (IJSART)	2018	ISSN 2395-1052	http://ijsart.com/	http://ijsart.com/Content/PDFDocuments/IJSARTV4I1027777.pdf	SCOPUS
10	Optimized pseudo-derivative feedback with feed-forward Controller	G. Ganesan @ Subramanian, I.A.	EEE	Journal of Electrical Engineering. (SCOPUS indexed)	2018	vol.18, no.3, pp: 1-15, 2018.	http://www.jee.ro/	http://www.jee.ro/index.php/jee/article/view/WH151204660	SCOPUS
11	Neural network controller based sequential switch cascaded H-bridge multilevel inverter	M.Ramya, P.Usha Rani, G.Ganesan @ Subramanian,K.	EEE	International Journal of Engineering & Technology (UAE). SCOPUS indexed.	2018	vol.7; no.2.8, pp:592-598, 2018	https://www.ijer.net	https://www.sciencepubco.com/index.php/ijer/article/view/10527	SCIE
12	Determination of optimized gain value for a	G. Ganesan @ Subramanian,	EEE	International Journal of Advance and	2018	vol.5, no.3, pp: 30-37, 2018.	https://ijerjournal.in	http://iaraedu.com/pdf/ijer-volume-5-	SCOPUS
13	Price based automatic generation control in a two area Thermal-Thermal interconnected restructured power systems	G. Ganesan @ Subramanian, I.A. Chidambaram and J. Samuel Manoharan.	EEE	International Journal for Research in Engineering Application & Management.(S.No: 64077; UGC Referred Journal) IF: 7.427	2019	vol.4, no.12, pp: 86-91, 2019.	https://www.ijream.org	http://ijream.org/papers/IJREAMV04I1248070.pdf	SCOPUS
14	Locational marginal pricing calculation using concentrated and distributed model based on DCOPF in power market	M.Bhoopathi, Dr.P.Palanivel	EEE	Journal of electrical engineering (SCOPUS indexed) IF: 0.93	2019	vol 19, no. 3 2019.	http://www.jee.ro/	http://www.jee.upt.ro/index.php/jee/article/view/WS1531048853W5b41f3957eeb8	SCOPUS
15	Hyper Heuristic MapReduce Workflow Scheduling in Cloud	Arunkumar Panneerselvam; Bhuvanewari Subbaraman	MCA	IEEE	2018-2019	Electronic ISBN:978-1-5386-1442-6 DVD ISBN:978-1-5386-1441-9 Print on Demand(PoD) ISBN:978-1-5386-1443-3	https://ieeexplore.ieee.org/	109/I-SMAC.2018.865	Scopus
16	A Multi-Objective Optimization for Scientific Workflow task scheduling in IaaS Cloud	Arunkumar Panneerselvam; Bhuvanewari Subbaraman	MCA	International Journal Of Engineering & Technology	2018-2019	ISSN 0975-4024 (Online)	IJET - International Journal of Engineering & Technology https://www.sciencepubco.co	https://doi.org/10.14419/ijet.v7i4.6.20457	Scopus

17	An Exploration of Multi-Objective Scientific Workflow Scheduling in Cloud	Arunkumar Panneerselvam; Bhuvanewari Subbaraman	MCA	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2018-2020	ISSN : 2456-3307	https://ijsrcseit.com/	13140/RG.2.2.23305.08	UGC
18	Modelling of electronic and optical properties of Cu ₂ SnS ₃ quantum dots for optoelectronics applications	IrshadAhamed, M, Kumar,K,S	ECE	Materials Science Poland	2019	ISSN : 0137-1339	https://materialsscience.pwr.edu.pl/	http://yadda.icm.edu.pl/baztech/element/bwmeta1.element/baztech-bd5682d8-f5f3-429f-b67e-587b46dc399a	SCI -Expanded
19	Evolutionary Algorithms-Based Multi-Objective Optimal Mobile Robot Trajectory Planning	Sathiya, V, Chinnadurai,M	ECE	Robotica	2019	ISSN : 1363-1382	https://www.cambridge.org/core/what-we-publish/journals	https://www.cambridge.org/core/journals/robotica/article/evolutionary-algorithmsbased-multiobjective-optimal-mobile-robot-trajectory-planning/35CD9E5148EEE5C88E2FF6511B7FC2D2	SCI -Expanded
20	Optimization of the geometry of a charge plasma double-gate junctionless transistor for improved RF stability	Pon, A, Bhattacharyya, A, Padmanaban,B , Ramesh,R	ECE	Journal of Computational Electronics	2019	ISSN : 906-917	https://link.springer.com/	https://link.springer.com/article/10.1007/s10825-019-01340-4	SCI -Expanded
21	Effect of cutting parameters on cutting force and surface roughness during machining microalloyed steel: Comparison between ferrite–pearlite, tempered martensite and ferrite–bainite–martensite microstructures	V.Sivaraman S.Sankaran L.Vijayaraghavan	Mech	Journal of Engineering Manufacture: Part B	2018	0954-4054	https://journals.sagepub.com/home/pib	https://journals.sagepub.com/doi/abs/10.1177/0954405416635479	SCIE
22	Taguchi Optimization of Cutting Parameters for Surface Roughness and Material Removal Rate in Turning Operation	K. Partheeban, P. Ramesh Dr. S. Chockalingam	Mech	International Research Journal of Engineering and Technology (IRJET)	2019	2395-0056	https://www.irjet.net/	https://d1wqtxts1xzle7.cloudfront.net/60339183/IRJET-V6I65820190819-44297	SCOPUS
23	Multi-Criteria Decision of W Powder Mixed Electro Discharge Drilling Parameters using TOPSIS Approach	Jeevamalar Jayaraj Ramabalan Sundaresan Senthilkumar Chinnamuthu	Mech	MECHANIKA	2019	1392-1207	https://mechanika.ktu.lt/index.php/Mech	https://www.researchgate.net/profile/Jeevamalar/publication/342765573	SCIE

24	Development of solar operated Robotic vehicle	Elayaraja D Arunkumar A Ramabalan S	Mech	International Journal of Research in Advent Technology,	2018	2321-9637	https://www.ijrat.org/	https://scholar.google.com/citations?user=eRcMEoAAAAAJ	UGC
25	Solar Energy Based Multipurpose Agricultural Robotic Vehicle	Elayaraja D Aneesh K C Amrutha Pavani Arunkumar A	Mech	International Journal of Research in Advent Technology,	2018	2321-9637	https://www.ijrat.org/	https://scholar.google.com/citations?user=eRcMEoAAAAAJ	UGC
26	Investigation in Intelligent braking system	Nandagopal N Elayaraja D Arunkumar A Amrutha Pavani	Mech	International Journal of Research in Advent Technology,	2018	2321-9637	https://www.ijrat.org/	https://scholar.google.com/citations?user=eRcMEoAAAAAJ	UGC
27	Fuzzy Logic Control Of Wall Following Robot	Elayaraja D Arunkumar A Amrutha Pavani	Mech	International Journal of Research in Advent Technology,	2018	2321-9637	https://www.ijrat.org/	https://scholar.google.com/citations?user=eRcMEoAAAAAJ	UGC
28	Synthesis and analyse the physical properties of sugarcane bagasse glassfiber epoxy composites	Agoramoorthy G Sundar R	Mech	International Research Journal of Engineering and Technology (IRJET)	2019	2395-0056	https://www.irjet.net/	https://irjet.org/wp-content/uploads/2015/02/12-17-A-Rivew-of-Smart-Grid-Technology-in-India.pdf	UGC
29	Fabrication of Aluminium Reinforced Sugarcane Bagasse Composites and Evalution of its Mechanical Properties	Sathish S Manathunainathan V	Mech	International Research Journal of Engineering and Technology (IRJET)	2019	2395-0056	https://www.irjet.net/	https://irjet.org/wp-content/uploads/2015/02/12-17-A-Rivew-of-Smart-Grid-Technology-in-India.pdf	UGC
30	Synthesis and analyse the physical properties of sugarcane bagasse glassfiber epoxy composites	Saravanan P Surendar G	Mech	International Research Journal of Engineering and Technology (IRJET)	2019	2395-0056	https://www.irjet.net/	https://irjet.org/wp-content/uploads/2015/02/12-17-A-Rivew-of-Smart-Grid-Technology-in-India.pdf	UGC
31	Intelligent and Deep Learning Approach OT Measure E-Learning Content in Online Distance Education	S.Manikandan	IT	The Online Journal of Distance Education and e-Learning	2019	2147-6454	https://tojdel.net/	https://tojdel.net/journals/tojdel/articles/v07i03/v07i03-05.pdf	UGC
32	Statistical Analysis on Client Retention for LIC of India	Dr. R. Karthi	MBA	Journal of Applied Science and Computations	2018-2019	1076-5131	http://j-asc.com/	http://j-asc.com/gallery/48-february-1928.pdf	UGC
33	High-temperature erosion behaviour of plasmasprayed	Dr.E.Edward Anand	Physics	Surface Engineering	Mar-18	0267-0844	https://www.tandfonline.com/journals/ysue20	https://doi.org/10.1080/02670844.2018.1467143	SCI
34	Synthesis and enhanced photocatalytic property of Ni doped ZnS nanoparticles	Mr.J.Prince Richard	Physics	Journal of Materials Science: Materials in Electronics (Springer)	Jan-18	0038-092X	https://www.springer.com/journal/10854	DOI: 10.1016/j.solener.2017.10.055	SCIE

35	Synthesis and Biological Evaluation of Thiazolidinone Derivatives as Antimicrobial Agents	GOPI C	Chemistry	International Journal for Research in Engineering Application & Management (IJREAM)	May-18	2454-9150	https://www.ijream.org	https://www.ijream.org/papers/IJREAMV04I0238104.pdf	UGC Care
36	Synthesis and biological evaluation of azetidinone derivatives of 2-(3-chloro-2-(4-substituted phenyl)-4-oxoazetidin-1-yl)-5-fluorobenzonitrile	Gopi .C	CHEMISTRY	International journal for research in Engineering Application & Management	Apr-18	ISSN:2454-9150	https://www.ijream.org	https://www.ijream.org/papers/IJREAMV04I0238100.pdf	UGC Care
37	INVENTION OF BEST TECHNOLOGY IN AGRICULTURE USING INTUITIONSTIC FUZZY SOFT GRAPHS	R.Deepa	Mathematics	International Journal of Mathematical Archive	Jul-18	2229 – 5046	http://www.ijma.info/	http://www.ijma.info/	ugc Care
38	Application of Fuzzy Soft Graph in Role Model Service Rendered to Orphans	R.Deepa	Mathematics	© 2018 JETIR www.jetir.org	December 2018,	(ISSN-2349-5162)		http://www.jetir.org/papers/JETIR1812163.pdf	
39	Self-Weak Complementary Fuzzy Soft Graph	R.Deepa	Mathematics	International Journal for Research in Applied Science & Engineering Technology (IJRASET) www.ijraset.com	Mar-18	ISSN: 2321-9653	https://www.ijraset.com/	DOI : 10.22214/ijraset.2018.3113	ugc Care
40	Lifetime Maximizing Dynamic Energy Efficient Routing Protocol With MIMO For Energy Efficient Information Transmission In The Sensor Networks.	Sundar Raj, A, Chinnadurai, M	ECE	Caribbean Journal of Science	2019	ISSN :0008-6452	https://bioone.org/journals/caribbean-journal-of-science?gclid=CjwKCAiAmJGgBhAZEiwA1JZolijJgDmVsxjHix5Hk8t7RIoKOgQqdmB3rwP3EVOvFwIaFznwGJ_MGBoCnUYQAvD_BwE	https://www.researchgate.net/publication/340051700_LIFETIME_MAXIMIZING_DYNAMIC_ENERGY_EFFICIENT_ROUTING_PROTOCOL_WITH_MIMO_FOR_ENERGY_EFFICIENT_INFORMATION_TRANSMISSION_IN_THE_SENSOR_NETWORKS	

41	A Bayesian Set Approach (Bsm) For Segmentation Of Retinal Fundus Images For Retinal Disorder Detection	Gomathy,B, Devarajan,D,Dr. Ramesh,S,M	ECE	International Journal for Research in Engineering Application & Management (IJREAM)	2019	ISSN: 2454-9150	https://www.ijream.org/	https://www.researchgate.net/publication/340931238_A_Bayesian_Set_Approach_BSM_for_Segmentation_of_Retinal_Fundus_Images_for_Retinal_Disorder_Detection	
42	A Robust framework to Detect moving vehicles in different Road conditions in INDIA	Dr.S.Appavu Alias Balamurugan	CSE	Journal of Theoretical and Applied information Technology	2019	ISSN: 1817-3195	http://www.jatit.org/	http://www.jatit.org/volumes/Vol97No1/1Vol97No1.pdf	SCIE
43	An integrated digital signature and mutual Authentication mechanism for securing the cognitive radio networks	Dr.S.Appavu Alias Balamurugan	CSE	International Journal of Communication systems.	2019	ISSN: 1099-1131	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.4289	https://doi.org/10.1002/dac.4289	SCIE
44	Hybridization of teaching Learning based optimization and multiple criteria decision making methods for software Package selection.	Dr.S.Appavu Alias Balamurugan	CSE	IEEE transactions on Engineering Management	2019	ISBN:978-1-5386-9346-9	https://ieeexplore.ieee.org/xpl/conhome/8693842/proceeding	10.1109/AICAI.2019.8701283	SCIE
45	Patient health description using NFC-Tag-M-Health	Dr.S.Appavu Alias Balamurugan	CSE	AICAI	2019	ISSN:642-646	https://ieeexplore.ieee.org/document/8701283	https://ieeexplore.ieee.org/document/8701283	SCIE
46	Diagnosis and prediction analysis of health monitoring system using practical swarm optimization generating health report card	Dr.S.Appavu Alias Balamurugan	CSE	AISGSC	2019	ISSN 1303 5150	https://www.neuroquantology.com/	https://www.neuroquantology.com/article.php?id=7480	SCIE
47	An efficient protocol for power consumption in wireless enterprise ad hoc virtual community network with Triso framework.	Dr.M.Chinnadurai Mr.R.Manivannan'	CSE	International journal enterprise network management.	2018	ISSN 1748-1260	https://www.inderscienceonline.com/	http://dx.doi.org/10.1504/IJENM.2018.094656	SCOPUS
48	An efficient feature selection and classification using optimal Radial Basis function Neural network.	Dr.S.Appavu Alias Balamurugan	CSE	International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems	2018	ISSN:1793-6411	https://www.worldscientific.com/worldscinet/ijufks	https://doi.org/10.1142/S0218488518500320	SCIE
49	A Novel Software Package Selection Method Using Teaching-Learning Based Optimization and Multiple Criteria Decision Making	Dr.S.Appavu Alias Balamurugan	CSE	IEEE Transactions on Engineering Management	2019	ISBN:978-1-5386-9346-9	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=17	DOI: 10.1109/TEM.2019.2918050	SCI