

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	Experimental Investigations on Mechanical Properties of AZ31/Eggshell Particle-Based Magnesium Composites	N.Ramanujam S.Muthukumar, B.Nagesawara Rao, M.Ramarao, Amol.L.Mangrulkar, K.S.Ashraff ali, L.Pugazhendhi, Mebratu markos	Mech	Advances in Materials Science and Engineering	Jan-22	16878442	<a href="https://www.hindawi.com/journals/amse/?utm_source=google&amp;utm_medium=cpc&amp;utm_campaign=HDW_MRK_T_GBL_SUB_ADWO_PAI_KEY_W_JOUR_AMSE_GENBMM&amp;gclid=Cj0KCQiAqOucBhDrARIsAPCQL1aY6EKD2oJloWRBjci_YnfyQltNyBmELZockA9GVhmrEhimcyWVvhQaAgtIEALw_wcB">https://www.hindawi.com/journals/amse/?utm_source=google&amp;utm_medium=cpc&amp;utm_campaign=HDW_MRK_T_GBL_SUB_ADWO_PAI_KEY_W_JOUR_AMSE_GENBMM&amp;gclid=Cj0KCQiAqOucBhDrARIsAPCQL1aY6EKD2oJloWRBjci_YnfyQltNyBmELZockA9GVhmrEhimcyWVvhQaAgtIEALw_wcB</a>	<a href="https://www.hindawi.com/journals/amse/2022/4883764/">https://www.hindawi.com/journals/amse/2022/4883764/</a>	SCIE
2	Investigation of Damping Characteristics on Copper-Based Shape Memory Alloy Frictional Damper in Boring Process	Chokalingam Singaravelu Prasannavenkadesan varatharajan Ganesan Ramu Karthikeyan Alagappan	Mech	Arabian Journal for Science and Engineering	Dec-21	2191-4281	<a href="https://www.springer.com/journal/13369/">https://www.springer.com/journal/13369/</a>	<a href="https://www.springer.com/journal/13369">https://www.springer.com/journal/13369</a>	SCIE
3	On the Influence of Electrical Discharge Drilling Parameters and Performance Measures of Inconel 718 Superalloy - a Study	Jayaraj Jeevamalar Sundaresan Ramabalan Jayaraj Jancirani	Mech	MECHANIKA	Dec-21	1392-1207	<a href="https://mechanika.ktu.lt/index.php/Mech">https://mechanika.ktu.lt/index.php/Mech</a>	<a href="https://www.researchgate.net/publication/356924652_On_the_Influence_of_Electrical_Discharge_Drilling_Parameters_and_Performance_Measures_of_Inconel_718_Superalloy_-_a_Study">https://www.researchgate.net/publication/356924652_On_the_Influence_of_Electrical_Discharge_Drilling_Parameters_and_Performance_Measures_of_Inconel_718_Superalloy_-_a_Study</a>	SCIE
4	Modeling tensile modulus of nanoclay filled ethylene-propylene –diene monomer/styrene –butadiene rubber using composite theories	M. S. Ravi Theja, Naveen Kilari, S. Vishvanathperumal V. Navaneethakrishnan	Mech	Journal of Rubber Research	Jan-22	42464-021	<a href="https://www.springer.com/journal/42464">https://www.springer.com/journal/42464</a>	<a href="https://link.springer.com/article/10.1007/s42464-021-00140-5">https://link.springer.com/article/10.1007/s42464-021-00140-5</a>	SCI
5	Evaluation of shallow and deep neural networks for steel surface defect detection	S.Krishnamohan Rahul Vigneswaran N.Ramanujam G.Sundaravadivel	Mech	International Journal of mechanical engineering	Jan-22	0974-5823	<a href="https://www.iasas.org/iasas/journals/ijme">https://www.iasas.org/iasas/journals/ijme</a>	<a href="https://link.springer.com/chapter/10.1007/978-3-319-14249-4_64">https://link.springer.com/chapter/10.1007/978-3-319-14249-4_64</a>	SCOPUS

6	Visible Light Driven AL <sub>2</sub> O <sub>3</sub> , CuO and AL <sub>2</sub> O <sub>3</sub> /CuO Nanocatalysts : Synthesis and Enhanced Photocatalytic Activity	A.Sridevi S.Krishnamohan M.Thairiyaraja B.Prakash R.Yokeshwaran	Mech	Inorganic Chemistry Communications	Dec-21	1387-7003	<a href="https://www.sciencedirect.com/journal/inorganic-chemistry-communications">https://www.sciencedirect.com/journal/inorganic-chemistry-communications</a>	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1387700322001198">https://www.sciencedirect.com/science/article/abs/pii/S1387700322001198</a>	SCIE
7	Slurry Erosion Behaviour Of Eco Friendly Surface Modified Pump casings Used in Coal Mines	G.Sundaravadivel S.Krishnamohan	Mech	Journal Of Environmental Protection and Ecology	Feb-22	152-162	<a href="https://ores.su/en/journals/journal-of-environmental-protection-and-ecology/">https://ores.su/en/journals/journal-of-environmental-protection-and-ecology/</a>	<a href="https://www.researchgate.net/profile/Carmen-Gasparotti/publication/235923048_Methods_for_the_risk_assessment_in_maritime_transportation_in_the_Black_Sea_basin/links/59d8aeb6a6fdcc2aad0d72dd/Methods-for-the-risk-assessment-in-maritime-transportation-in-the-Black-Sea-basin.pdf">https://www.researchgate.net/profile/Carmen-Gasparotti/publication/235923048_Methods_for_the_risk_assessment_in_maritime_transportation_in_the_Black_Sea_basin/links/59d8aeb6a6fdcc2aad0d72dd/Methods-for-the-risk-assessment-in-maritime-transportation-in-the-Black-Sea-basin.pdf</a>	SCIE
8	Advanced Multi Criteria Optimal Design of Spiral Bevel Gear Pair using NSGA – II	N.Godwin Raja Ebenezer S.Ramabalan S.Navaneethasanthakumar	Mech	Jordan Journal of Mechanical and Industrial Engineering	Mar-22	1995-6665	<a href="http://jjmie.hu.edu.jo/">http://jjmie.hu.edu.jo/</a>	<a href="http://jjmie.hu.edu.jo/files/v4n4/JJMIE-129-08_Revised(11)/JJMIE-129-08_modified.pdf">http://jjmie.hu.edu.jo/files/v4n4/JJMIE-129-08_Revised(11)/JJMIE-129-08_modified.pdf</a>	SCOPUS
9	Advanced power optimization of worm gear drive with profile shift using nature inspired algorithms	N.Godwin Raja Ebenezer S.Ramabalan S.Navaneethasanthakumar	Mech	International Journal of System Assurance Engineering and Management	Aug-21	429–438	<a href="https://www.springer.com/journal/13198">https://www.springer.com/journal/13198</a>	<a href="https://link.springer.com/article/10.1007/s13198-011-0045-x">https://link.springer.com/article/10.1007/s13198-011-0045-x</a>	SCOPUS
10	Optimal sizing and smart charging abilities of electric vehicle charging station by considering quality of service using hybrid technique	Velmurugan Palani Sunniah Gomathi Ponnupandian Aruna Vasanprabhu Veeramani Veeramani Manathunainathan	Mech	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	11 Feb 2022.	10.1080/15567036.2022.2032879	<a href="https://www.tandfonline.com/toc/ueso20/current">https://www.tandfonline.com/toc/ueso20/current</a>	<a href="https://www.tandfonline.com/doi/abs/10.1080/15567036.2022.2032879">https://www.tandfonline.com/doi/abs/10.1080/15567036.2022.2032879</a>	SCIE

11	Influence of Nanoclay dispersion on Mechanical and Vibration Properties of E-Glass Fiber Reinforced IPN Composites	J.Jeevamalar S.Mohamed Abbas S.Bharanikumar S.D.Sekar C.M.Meenakshi G.Suresh	Mech	Recent Advances in Materials and Modern Manufacturing	May-22	978-981-19-0243-7	<a href="https://link.springer.com/book/10.1007/978-981-19-0244-4">https://link.springer.com/book/10.1007/978-981-19-0244-4</a>	<a href="https://link.springer.com/chapter/10.1007/978-981-19-0244-4_25">https://link.springer.com/chapter/10.1007/978-981-19-0244-4_25</a>	SCOPUS
12	Jute Fiber IPN Graphite Filled: An Experimental Investigation and Prediction of Water Behavior	J.Jeevamalar S.Mohamed Abbas S.Bharanikumar S.D.Sekar C.M.Meenakshi G.Suresh	Mech	Recent Advances in Materials and Modern Manufacturing	May-22	978-981-19-0244-4	<a href="https://link.springer.com/book/10.1007/978-981-19-0244-4">https://link.springer.com/book/10.1007/978-981-19-0244-4</a>	<a href="https://link.springer.com/chapter/10.1007/978-981-19-0244-4_33">https://link.springer.com/chapter/10.1007/978-981-19-0244-4_33</a>	SCOPUS
13	Synthesis and characterizations of Diethyl 3,4-bis(2,5-dimethoxybenzyl) thieno[2,3-b]thiophene-2,5-dicarboxylate – DBDTTDO crystals of macro and nano scales	R.Divya. K. SenthilKannan. M. Jothibas. K. Suganya. R. Ranadevan.R.Krishna veni. V. Sivaramakrishnan.	Mech	AIP Conference Proceedings	May-22	978-0-7354-4198-9	<a href="https://doi.org/10.1063/5.0074223">https://doi.org/10.1063/5.0074223</a>	<a href="https://doi.org/10.1063/5.0074223">https://doi.org/10.1063/5.0074223</a>	SCOPUS
14	Synthesis, theoretical structural explication, super cell configuration,Hardness, tribological data and void space illustration of Creatininium hydrogen maleate - CHM crystal by softwares and by experimental techniques	V. Sivaramakrishnan , K SenthilKannan , R. Manikandan, M. Meena , M. Vimalan, K. Suganya	Mech	Materials Today: Proceedings	May-22	2214-7853	<a href="https://doi.org/10.1016/j.matpr.2022.04.768">https://doi.org/10.1016/j.matpr.2022.04.768</a>	<a href="https://doi.org/10.1016/j.matpr.2022.04.768">https://doi.org/10.1016/j.matpr.2022.04.768</a>	SCOPUS
15	Slurry Erosion Behaviour of Eco Friendly surface modified pump casings used in coal mines	KRISHNAMOHAN S and SUNDARAVADIVE L G	Mech	Journal of Environmental Protection and Ecology	Jan-22	1311-5065	<a href="https://scibulcom.net/journal/1311-5065">https://scibulcom.net/journal/1311-5065</a>		SCIE

16	EVALUATION OF SHALLOW AND DEEP NURAL NETWORKS FOR STEEL SURFACE DEFECT DETECTION	KRISHNAMOHAN S	Mech	KALAHARI JOURNALS	Jan-22	0974-5823	<a href="https://kalaharijournals.com/">https://kalaharijournals.com/</a>	<a href="https://kalaharijournals.com/ijme-vol7-issue-jan2022part2.php">https://kalaharijournals.com/ijme-vol7-issue-jan2022part2.php</a>	ugc care list
17	Visible-light driven $\gamma$ -Al <sub>2</sub> O <sub>3</sub> , CuO and $\gamma$ -Al <sub>2</sub> O <sub>3</sub> /CuO nanocatalysts: synthesis and enhanced photocatalytic activity	A. Sridevi; S. Krishnamohan; M. Thairiyaraja; B. Prakash; R. Yokeshwaran	Mech	Inorganic Chemistry Communications	Jan-22	1387-7003	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1387700322001198">https://www.sciencedirect.com/science/article/abs/pii/S1387700322001198</a>	<a href="https://doi.org/10.1016/j.inoche.2022.109311">https://doi.org/10.1016/j.inoche.2022.109311</a>	SCIE
18	Optimization of Water Absorption and Mechanical and Thermal Behavior of Polylactic Acid/Chitosan/Titanium Carbide	S Krishnamohan, Harishchander Anandaram, V Rathinam, S Kaliappan, S Sekar, Pravin P Patil, Asheesh Kumar, Venkatesan Govindaraajan	Mech	Advances in Materials Science and Engineering	May-22	1687-8434 / 1687-8442	<a href="https://www.hindawi.com/journals/amse/2022/5176584/">https://www.hindawi.com/journals/amse/2022/5176584/</a>	<a href="https://doi.org/10.1155/2022/5176584">https://doi.org/10.1155/2022/5176584</a>	SCI
19	Optimization on Tribological Behaviour of AA7075/Zirconium Boride Composites Using Taguchi Technique	S Krishna Mohan, R Meenakshi Reddy, V Kamalakar, M Amareswar, AH Seikh, MH Siddique, TL Kishore, Bhupender Singh	Mech	Advances in Materials Science and Engineering	May-22	1687-8434 / 1687-8442	<a href="https://www.hindawi.com/journals/amse/2022/4058442/">https://www.hindawi.com/journals/amse/2022/4058442/</a>	<a href="https://doi.org/10.1155/2022/4058442">https://doi.org/10.1155/2022/4058442</a>	SCIE
20	Analysis of single-diode PV model and optimized MPPT model for different environmental conditions	Senthilkumar,S, Mohan,V, Mangaiyarkarasi,S,P, Karthikeyan,M	ECE	International Transactions on Electrical Energy Systems	2022	ISSN : 2356-6140	<a href="https://onlinelibrary.wiley.com/">https://onlinelibrary.wiley.com/</a>	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0957417422003220">https://www.sciencedirect.com/science/article/abs/pii/S0957417422003220</a>	SCI -Expanded
21	Comparative energy bandgap analysis of Zinc and Tin based Chalcogenide Quantum dots	IrshadAhamed,M , MansoorAhamed, Sathish Kumar,K, Sivaranjani,A,	ECE	Revista Mexicana de fisica	2022	ISSN : 2683-2224	<a href="https://www.scielo.org.mx/scielo.php?script=sci_serial&amp;pid=1870-3542">https://www.scielo.org.mx/scielo.php?script=sci_serial&amp;pid=1870-3542</a>	DOI:10.32604/csse.2022.023109	SCI -Expanded
22	Mobile robot path planning using fuzzy enhanced improved Multi-Objective particle swarm optimization (FIMOPSO)	Sathiya, V, Chinnadurai, M, Ramabalan,S ,	ECE	Expert Systems with Applications	2022	ISSN : 2045-2322	<a href="https://www.sciencedirect.com/journal/expert-systems-with-applications">https://www.sciencedirect.com/journal/expert-systems-with-applications</a>	<a href="https://content.iospress.com/journals/journal-of-intelligent-and-fuzzy-systems/42/3?rows=50">https://content.iospress.com/journals/journal-of-intelligent-and-fuzzy-systems/42/3?rows=50</a>	SCI -Expanded

23	An Efficient video inpainting approach using deep belief network	NuthalSrinivasan,M, & Chinnadurai,M,	ECE	Computer system science and engineering	2022	ISSN : 0267-6192	<a href="https://dl.acm.org/journal/csse">https://dl.acm.org/journal/csse</a>	<a href="https://accentsjournals.org/paperInfo.php?journalPaperId=1447&amp;countPaper=10">https://accentsjournals.org/paperInfo.php?journalPaperId=1447&amp;countPaper=10</a>	SCI -Expanded
24	IoT based fault identification in solar photovoltaic systems using an extreme learning machine technique	Mohan, V, Senthilkumar,S	ECE	Journal of Intelligent & Fuzzy Systems	2022	ISSN : 1064-1246	<a href="https://www.iospress.com/catalog/journals/journal-of-intelligent-fuzzy-systems">https://www.iospress.com/catalog/journals/journal-of-intelligent-fuzzy-systems</a>	<a href="https://www.neuroquantology.com/article.php?id=4647">https://www.neuroquantology.com/article.php?id=4647</a>	SCI -Expanded
25	Design of microstrip antenna using high frequency structure simulator for 5G applications at 29 GHz resonant frequency	Senthilkumar,S, Udhayanila,K, Mohan,V, Senthil Kumar,T, Devarajan,D & Chitrakala,G	ECE	NeuroQuantology	2021-2022	ISSN : 1303-5150	<a href="https://www.neuroquantology.com/about.php">https://www.neuroquantology.com/about.php</a>	<a href="https://www.neuroquantology.com/article.php?id=4647">https://www.neuroquantology.com/article.php?id=4647</a>	Scopus
26	Soliton propagation in colloidal suspension: Numerical simulation and modulation in- stability	Senthilkumar,S, Mohan,V, Senthil Kumar,T & Chitrakala,G	ECE	International Journal of Advanced Technology and Exploration	2022	ISSN : 2394-7454	<a href="https://accentsjournals.org/journals1.php?journalsId=110">https://accentsjournals.org/journals1.php?journalsId=110</a>	<a href="https://doi.org/10.1016/j.heliyon.2022.e09621">https://doi.org/10.1016/j.heliyon.2022.e09621</a>	Scopus
27	Compressive spectrum sensing for 5G cognitive radio networks –LASSO approach	Koteeshwari,R,S & Malarkodi,B	ECE	Heliyon	2022	ISSN : 2405-8440	<a href="https://www.sciencedirect.com/journal/heliyon">https://www.sciencedirect.com/journal/heliyon</a>	<a href="https://chalcogen.ro/index.php/journals/chalcogenide-letters/11-cl/558-volume-18-number-11-november-2021">https://chalcogen.ro/index.php/journals/chalcogenide-letters/11-cl/558-volume-18-number-11-november-2021</a>	SCI - Expanded
28	Spectrum sensing techniques for 5G wireless networks: Mini review	Koteeshwari,R,S & Malarkodi,B	ECE	Sensors International	2022	ISSN : 2666-3511	<a href="https://www.sciencedirect.com/journal/sensors-international">https://www.sciencedirect.com/journal/sensors-international</a>	<a href="https://doi.org/10.1556/1848.2021.00288">https://doi.org/10.1556/1848.2021.00288</a>	Scopus
29	Studies on copper indium selenide/Zinc sulphide semiconductor quantum dots for solar cell applications	Babu, P,J,S, Padmanaban, T,S, Ahamed, M,I, Sivaranjani,A	ECE	Chalcogenide Letters	2021	ISSN : 464-8603	<a href="https://chalcogen.ro/index.php/journals/chalcogenide-letters?showall=1">https://chalcogen.ro/index.php/journals/chalcogenide-letters?showall=1</a>	<a href="https://www.hindawi.com/journals/ites/2022/4980843/">https://www.hindawi.com/journals/ites/2022/4980843/</a>	SCI -Expanded
30	Modelling of density of states and energy level of chalcogenide quantum dots	Irshad Ahamed,M, Ahamed, M, Muthaiyan,R	ECE	International review of applied science and engineering	2021	ISSN : 1556-1848	<a href="https://akjournals.com/view/journals/1848/1848-overview.xml">https://akjournals.com/view/journals/1848/1848-overview.xml</a>	<a href="https://doi.org/10.31349/RevMexFis.68.041601">https://doi.org/10.31349/RevMexFis.68.041601</a>	Scopus
31	Virtualized Load Balancer for Hybrid Cloud Using Genetic Algorithm	S.Manikandan	IT	Intelligent Automation & Soft Computing	2022	2326-005X	<a href="https://www.techscience.com/iasc">https://www.techscience.com/iasc</a>	<a href="https://doi.org/10.32604/iasc.2022.022527">doi:10.32604/iasc.2022.022527</a>	SCIE & Scopus
32	Multiple input and multiple output and energy-aware peering routing protocol for energy consumption in sensor networks	Sundar Raj,A,Chinnad	ECE	International Journal of Communication Systems	2022	ISSN : 1074-5351	<a href="https://onlinelibrary.wiley.com/journal">https://onlinelibrary.wiley.com/journal</a>	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.4267">https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.4267</a>	SCI -Expanded
33	Intrusion Detection System for Energy Efficient Cluster Based Vehicular Adhoc Networks	R.Lavanya	IT	Intelligent Automation & Soft Computing	2022	2326-005X	<a href="https://www.techscience.com/iasc">https://www.techscience.com/iasc</a>	<a href="https://doi.org/10.32604/iasc.2022.021467">10.32604/iasc.2022.021467</a>	SCIE & Scopus

34	Deep Sentiment Learning for Measuring Similarity Recommendations in Twitter Data	S.Manikandan	IT	Intelligent Automation & Soft Computing	2022	2326-005X	<a href="https://www.techscience.com/iasc">https://www.techscience.com/iasc</a>	10.32604/iasc.2022.023469	SCIE & Scopus
35	Bat-Inspired Optimization for Intrusion Detection Using an Ensemble Forecasting Method	R.Anand Babu	IT	Intelligent Automation & Soft Computing	2022	2326-005X	<a href="https://www.techscience.com/iasc">https://www.techscience.com/iasc</a>	10.32604/iasc.2022.024098	SCIE & Scopus
36	Fingerprint Agreement Using Enhanced Kerberos Authentication Protocol on M-Health	A.S.Anakath	IT	Computer Systems Science and Engineering	2022	0267-6192	<a href="https://www.techscience.com/csse">https://www.techscience.com/csse</a>	10.32604/csse.2022.022329	SCIE & Scopus
37	Virtualized Load Balancer for Hybrid Cloud Using Genetic Algorithm	S.Manikandan	IT	Intelligent Automation & Soft Computing	2022	2326-005X	<a href="https://www.techscience.com/iasc">https://www.techscience.com/iasc</a>	doi:10.32604/iasc.2022.022527	SCIE & Scopus
38	Intrusion Detection System for Energy Efficient Cluster Based Vehicular Adhoc Networks	R.Lavanya	IT	Intelligent Automation & Soft Computing	2022	2326-005X	<a href="https://www.techscience.com/iasc">https://www.techscience.com/iasc</a>	10.32604/iasc.2022.021467	SCIE & Scopus
39	Deep Sentiment Learning for Measuring Similarity Recommendations in Twitter Data	S.Manikandan	IT	Intelligent Automation & Soft Computing	2022	2326-005X	<a href="https://www.techscience.com/iasc">https://www.techscience.com/iasc</a>	10.32604/iasc.2022.023469	SCIE & Scopus
40	Bat-Inspired Optimization for Intrusion Detection Using an Ensemble Forecasting Method	R.Anand Babu	IT	Intelligent Automation & Soft Computing	2022	2326-005X	<a href="https://www.techscience.com/iasc">https://www.techscience.com/iasc</a>	10.32604/iasc.2022.024098	SCIE & Scopus
41	Fingerprint Agreement Using Enhanced Kerberos Authentication Protocol on M-Health	A.S.Anakath	IT	Computer Systems Science and Engineering	2022	0267-6192	<a href="https://www.techscience.com/csse">https://www.techscience.com/csse</a>	10.32604/csse.2022.022329	SCIE & Scopus
42	A Hybrid Crow Search and Grey Wolf Optimization Technique for Enhanced Medical Data Classification in Diabetes Diagnosis System	C. Mallika · Dr.S. Selvamuthukumar	MCA	International Journal of Computational Intelligence Systems	2021-2022	ISSN (Online):1875-6883 ISSN (Print):1875-6891	<a href="https://www.springer.com/journal/44196/">https://www.springer.com/journal/44196/</a>	<a href="https://doi.org/10.1007/s44196-021-00013-0">https://doi.org/10.1007/s44196-021-00013-0</a>	SCIE/Web of Science
43	Hybrid Online Model for Predicting Diabetes Mellitus', Intelligent Automation	C. Mallika · Dr.S. Selvamuthukumar	MCA	Intelligent Automation & Soft Computing	2021-2022	ISSN:1079-8587(Print),ISSN:2326-005X(Online)	<a href="https://www.techscience.com/journal/iasc">https://www.techscience.com/journal/iasc</a>	DOI:10.32604/iasc.2022.020543	SCIE/Web of Science

44	Valuating the Impact of EHRM on Institutional Performance	Mr.S.Sakthi Kamal Nathan & Dr.R.Karthi	Department of Management Studies	Stochastic Modeling and applications	2021-2022	0972-3641	<a href="https://www.mukpublications.com/stochastic-modelling-and-applications.php">https://www.mukpublications.com/stochastic-modelling-and-applications.php</a>	<a href="https://www.researchgate.net/publication/353480640_EFFECTIVENESS_OF_ONLINE_TEACHING_AND_LEARNING_PROCESS_IN_SEMI_URBAN_AREAS-AN_EMPIRICAL_STATISTICAL_STUDY">https://www.researchgate.net/publication/353480640_EFFECTIVENESS_OF_ONLINE_TEACHING_AND_LEARNING_PROCESS_IN_SEMI_URBAN_AREAS-AN_EMPIRICAL_STATISTICAL_STUDY</a>	UGC
45	Effect of Tungsten Carbide Addition on the Microstructure and Mechanical Behavior of Titanium Matrix Developed by powder Metallurgy Route	R.Siva Kumar	CIVIL	Advances in Materials Science and Engineering	2022	2266951	<a href="https://www.hindawi.com/journals/amsse/">https://www.hindawi.com/journals/amsse/</a>	<a href="https://doi.org/10.1155/2022/2266951">https://doi.org/10.1155/2022/2266951</a>	SCIE
46	Mechanical property of Recycled Aggregate Concrete Incorporating Alccofine with River Sand And M-Sand	S.Santhosh kumar	CIVIL	Journal of the Balkan Tribological Associaton	2022	1311-5065	<a href="https://scibulcom.net/">https://scibulcom.net/</a>	<a href="https://scibulcom.net/en/home">https://scibulcom.net/en/home</a>	SCOPUS
47	Flexural performance of Recycled Coarse Beams Made With Recycled Coarse Aggregate Incorporating Alccofine	S.Santhosh kumar	CIVIL	Journal of Environmental protection and Ecology	2022	1310-4772	<a href="https://www.scimagojr.com/journals/research.php?q=12400154728&amp;tip=sid">https://www.scimagojr.com/journals/research.php?q=12400154728&amp;tip=sid</a>	<a href="https://scibulcom.net/en/home">https://scibulcom.net/en/home</a>	SCIE
48	Mechanical Properties of Reinforced Concrete Deep Beam with Multiple Web Openings	B.Ashwini	CIVIL	International Journal of All Research Education & Scientific Methods	2022	2455-6211	<a href="http://www.ijaresm.com/">http://www.ijaresm.com/</a>	<a href="https://link.org/10file:///C:/Users/Welcome/Do%20(1).pdf">https://link.org/10file:///C:/Users/Welcome/Do%20(1).pdf</a>	UGC
49	Studies on copper indium selenide/Zinc sulphide semiconductor quantum dots for solar cell applications	P. J. Suresh Babu,, T. Suresh Padmanabhan, M. I. Ahamed, A. Sivaranjani	EEE	Chalcogenide Letters (SCIE) IF: 0.855	2021	ISSN 1584-8663	<a href="http://www.chalcogen.ro">www.chalcogen.ro</a> Journals	<a href="https://chalcogen.ro/701_SureshPJS.pdf">https://chalcogen.ro/701_SureshPJS.pdf</a>	SCI-E
50	Analysis of Single-Diode PV Model and Optimized MPPT Model for Different Environmental Conditions	S. Senthilkumar, V. Mohan , S. P. Mangaiyarkarasi and M. Karthikeyan,	EEE	International Transactions on Electrical Energy Systems (SCI) IF: 2.639	2022	ISSN (Online): 2050-7038	<a href="https://www.hindawi.com/">https://www.hindawi.com/</a>	<a href="https://www.hindawi.com/journals/itees/2022/4980843/">hindawi.com/journals/itees/2022/4980843/</a>	SCI

51	Estimation of Locational Marginal Pricing Using Hybrid Optimization Algorithms	M. Bhoopathi,P. Palanivel	EEE	Intelligent automation & Soft computing (SCI) IF: 1.647	2022	ISSN (Online): 2326-005X	<a href="https://www.techscience.com/Journals">https://www.techscience.com › Journals</a>	doi:10.32604/iasc.2022.017705	SCI
52	Elimination of Harmonics in Multilevel Inverter Using Multi-Group Marine Predator Algorithm-Based Enhanced RNN	G. Krithiga V. Mohan	EEE	International Transactions on Electrical Energy Systems (SCI) IF: 2.639	2022	ISSN (Online): 2050-7038	<a href="https://www.hindawi.com/">https://www.hindawi.com/</a>	<a href="https://www.hindawi.com/journals/itees/2022/4980843/">hindawi.com/journals/itees/2022/4980843/</a>	SCI
53	A novel neural network model for shrimp segmentation to detect white spot syndrome	Ramachandran Lakshmanan, Mohan Veerasamy	EEE	Journal of Intelligent & Fuzzy Systems (SCI) IF: 1.737	2022	ISSN: 1064-1246 (print)	<a href="http://www.iospress.com/catalog/journals/journal">www.iospress.com › catalog › journals › journal</a>	DOI:10.3233/JIFS-220172	SCI
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55	Solar Powered Pesticide Sprayer with Mobile Charger and LED Light	S. Senthilkumar, V. Mohan, T. Senthil Kumar, G. Chitrakala, L. Ramachandran & D. Devarajan	EEE	International Journal of Innovative Science and Research Technology. (Google Scholar)	2022	ISSN 2456-2165 (Online)	<a href="https://www.ijisrt.com">https://www.ijisrt.com</a>	<a href="https://www.ijisrt.com/solar-powered-pesticide-sprayer-with-mobile-charger-and-led-light">https://www.ijisrt.com/solar-powered-pesticide-sprayer-with-mobile-charger-and-led-light</a>	Google Scholar
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58	Progressive Transfer Learning based Deep Q Network for DDOS Defence in WSN, Computer system science & Engineering	Dr.R.GANESA N	BME	Tech Science Press	2022	1546-2218	<a href="https://www.techscience.com/">https://www.techscience.com/</a>	<a href="https://www.techscience.com/csse/v44n3/49161">https://www.techscience.com/csse/v44n3/49161</a>	SCI



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60	An Analysis of Multi-objective Fuzzy Stochastic Nonlinear Programming Models	Seetha R	Mathematics	Communications in Mathematics and Applications	2022	0975-8607	<a href="https://www.rgnpublications.com/journals/index.php/cma">https://www.rgnpublications.com/journals/index.php/cma</a>	<a href="https://www.rgnpublications.com/journals/index.php/cma/article/view/2184/1482">https://www.rgnpublications.com/journals/index.php/cma/article/view/2184/1482</a>	Web of Science
61	An IoT based Green Home Architecture for Green Score Calculation towards Smart Sustainable Cities	Dr. M. Chinnadurai, S.Palani Murugan, E. Elakiya	CSE	KSII Transactions on Internet and Information Systems	2021	ISSN : 1976-7277	<a href="https://www.itiis.org/">https://www.itiis.org/</a>	<a href="https://doi.org/10.3837/tiis.2021.07.00">https://doi.org/10.3837/tiis.2021.07.00</a>	SCOPUS
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