

Government College of Engineering, Salem- 11

(An Autonomous Institution affiliated to Anna University, Chennai)



SELF-STUDY REPORT



CRITERION 3

3.4.3 Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years

(Submitted to National Assessment and Accreditation Council)

Self Declaration

This is to certify that the supporting documents for this metric exceed the 5MB upload limit. Therefore, links to sample documents and some samples are provided in the following pages. Any/all Supporting documents will be provided, if required. All links, documents and images are verified and authenticated.




IQAC – Chairperson

**Internal Quality Assurance Cell
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3.4.3 Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years (from 2018-2019 to 2022-2023)

Title of Paper	Name of the Author/s	Department of the Teacher	Name of Journal	Year of Publication	ISSN Number	Link to the recognition in UGC enlistment of the Journal		
						Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Structural Performance Of Cold-Formed Steel Composite Beams	Adil Dar M.,M. Anbarasu	Civil Engineering	Steel and Composite Structures	2018-2019	1598-6233	https://www.techno-press.org/	https://www.techno-press.org/content/?page=article&journal=scs&volume=27&num=5&ordernum=2	Scopus
Significant Effects Of Cementitious Materials On Strength Gain Properties Of Concrete With Partial Replacement Of Fine Aggregate By Quarry Dust	V Rajkumar,S Suganya	Civil Engineering	International Journal of Engineering & Technology	2018-2019	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	(PDF) Significant effects of cementitious materials on strength gain properties of concrete with partial replacement of fine aggregate by quarry dust	Scopus
Treatment Of Textile Wastewater By Coagulation-Flocculation Process Using Gossypium Herbaceum And Polyaniline Coagulants	Prakasam Arulmathi, Chellappa Jayaprabha, Periandavan Sivasankar, Vadivel Rajkumar	Civil Engineering	CLEAN: Soil, Air, Water	2018-2019	1863-0669	https://onlinelibrary.wiley.com/journal/18630669	https://onlinelibrary.wiley.com/doi/10.1002/clen.201800464	Scopus
Numerical Investigation On Behaviour And Design Of Cold-Formed Steel Built-Up Column Composed Of Lipped Sigma Channels	M Anbarasu	Civil Engineering	Advances in Structural Engineering	2018-2019	2048-4011	http://ase.sagepub.com/	https://journals.sagepub.com/doi/abs/10.1177/1369433218824499	scopus
Behaviour Of Cold-Formed Steel Built-Up I-Section Columns Composed Of Four U-Profiles	M Anbarasu and M Venkatesan	Civil Engineering	Advances in Structural Engineering	2018-2019	2048-4011	http://ase.sagepub.com/	https://www.researchgate.net/publication/327512773_Behaviour_of_cold-formed_steel_built-up_i-section_columns_composed_of_four_U-profiles	scopus
Behaviour Of Partly Stiffened Cold-Formed Steel Built-Up Beams: Experimental Investigation And Numerical Validation	Dar M.A.,M Anbarasu	Civil Engineering	Advances in Structural Engineering	2018-2019	2048-4011	http://ase.sagepub.com/	https://journals.sagepub.com/doi/10.1177/1369433218782767?cid=int-sj-full-text-similar-articles.3	scopus
Behavior Of Cfs Built-Up Battened Columns: Parametric Study And Design Recommendations	Vijayanand S.,Anbarasu M.	Civil Engineering	Structural Engineering and Mechanics	2018-2019	1598-6217	http://www.techno-press.com/?journal=sem&subpage=8	https://journals.sagepub.com/doi/10.1177/1369433218782767?cid=int-sj-full-text-similar-articles.3	Scopus
A Study On Content Based Chunking In Data Deduplication On Cloud Storage Environment	S. Ruba and A. M. Kalpana	Computer Science and Engineering	CiIT International Journal of Data Mining and Knowledge Engineering,	2018-2019	0974-9578	http://www.citresearch.org/dl/index.php/dmke/article/view/DMKE102018001	https://www.ijirset.com/upload/2018/may/161_A%20Study.pdf	UGC
STUDY ON EFFECTIVE TRAFFIC ORGANIZATION WITH FUZZY USING NEIGHBOR JUNCTION POINTS	A. M. Kalpana	Computer Science and Engineering	International Journal of Pure and Applied Mathematics	2018-2019	1314-3395	https://acadpubl.eu/	https://acadpubl.eu/jsi/2018-118-14-15/articles/14/22.pdf	UGC
Transcription Correction For Indian Languages Using Acoustic Signatures	Jeena JPrakash ., Golda Brunet Rajan ., Hema Murthy .,	Computer Science and Engineering	Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH	2018-2019	2308457X	https://www.isca-speech.org/	https://www.researchgate.net/publication/327389315_Transcription_Correction_for_Indian_Languages_Using_Acoustic_Signatures	Scopus
A Study On Content Based Chunking In Data Deduplication On Cloud Storage Environment	S. Ruba and A. M. Kalpana	Computer Science and Engineering	CiIT International Journal of Data Mining and Knowledge Engineering,	2018-2019	0974-9578	http://www.citresearch.org/dl/index.php/dmke/article/view/DMKE102018001	http://www.citresearch.org/dl/index.php/dmke/article/view/DMKE102018001	UGC
Feature Selection Using Fish Swarm Optimization In Big Data	R. P. S. Manikandan ., A. M. Kalpana .,	Computer Science and Engineering	Cluster Computing	2018-2019	1386-7857	https://link.springer.com/journal/10586	https://link.springer.com/article/10.1007/s10586-017-1182-z	Scopus
Low Leakage Charge Recycling Technique For Power Minimization In Cntfet Circuits	Manickam Kavitha ., Alagar M. Kalpana .,	Computer Science and Engineering	Acta Polytechnica	2018-2019	1805-2363	https://ojs.cvut.cz/ojs/index.php/ap/article/view/4877	https://www.researchgate.net/publication/331680444_Low_leakage_charge_recycling_technique_for_power_minimization_in_CNTFET_circuits	scopus
Optimal Relocating Of Compensators For Real-Reactive Power Management In Distributed Systems	Chintam J.R.,Geetha V.,Mary D.,Dhanunjaya Rao M.	Electrical and Electronics Engineering	Journal of Electrical Engineering and Technology	2018-2019	2964-7320	https://link.springer.com/journal/42835	https://www.researchgate.net/publication/328850195_Optimal_relocating_of_compensators_for_real-reactive_power_management_in_distributed_systems	Scopus
Magnetotactic Bacteria Moment Migration Optimization Algorithm For Generators Real-Power Rescheduling In Deregulated Power System	Jagadeeswar Reddy Chintam ., V Geetha ., D Mary .,	Electrical and Electronics Engineering	Journal of Computational and Theoretical Nanoscience	2018-2019	1546-1963	http://www.aspbs.com/	https://www.ingentaconnect.com/content/asp/jctn/2018/00000015/00000005/art00006?jessionid=4uis4s25elt1.x-ic-live-01	Scopus
Humpback Whale Assisted Hybrid Maximum Power Point Tracking Algorithm For Partially Shaded Solar Photovoltaic System	M. Premkumar, and T.R. Sumithira	Electrical and Electronics Engineering	Journal of Power Electronics	2018-2019	2093-4718	https://koreascience.kr/journal/E1PWAX.page	https://koreascience.kr/article/JAKO201835858341873.page	Scopus
*Modelling And Implementation Of Cascaded Multilevel Inverter As Solar Pv Based Microinverter Using Fpga	M. Premkumar, T.R. Sumithira, and R. Sowmya	Electrical and Electronics Engineering	International Journal of Intelligent Engineering and Systems (IJIES),	2018-2019	2515-8082	http://www.emeraldinsight.com/journal/wje	https://www.researchgate.net/publication/324841880_Modelling_and_implementation_of_cascaded_multilevel_inverter_as_solar_pv_based_microinverter_using_fpga	Scopus
Implementation Of Solar Pv Based Microconverter With Optimal Mppt Control Under Partial Shading Condition	M. Premkumar, T.R. Sumithira, and R. Sowmya	Electrical and Electronics Engineering	Journal of Electrical Engineering (JEE)	2018-2019	1582-4594	http://www.jee.ro/	http://www.jee.ro/index.php/jee/article/view/WS1509364596W59f7137426b78	Scopus
Generation Scheduling With Large-Scale Integration Of Renewable Energy Sources Using Grey Wolf Optimization	R. Saravanan ., S. Subramanian ., S. SooriyaPrabha ., S. Ganesan .,	Electrical and Electronics Engineering	International Journal of Energy Sector Management	2018-2019	1750-6239	http://www.emeraldinsight.com/info/journals/ijesm/ijesm.jsp	https://www.emerald.com/insight/content/doi/10.1108/IJESM-07-2016-0001/full/html	Scopus
Reliability/Risk Centered Cost Effective Preventive Maintenance Planning Of Generating Units	Umamaheswari E ., Ganesan S ., Abirami M ., Subramanian S .,	Electrical and Electronics Engineering	International Journal of Quality and Reliability Management	2018-2019	0265-671X	https://www.emerald.com/insight/publication/issn/0265-671X	https://www.emerald.com/insight/content/doi/10.1108/IJQRM-03-2017-0039/full/html	Scopus
Economical Placement Of Pmus Considering Observability And Voltage Stability Using Binary Coded Ant Lion Optimization	Hariprasath Manoharan ., Subramanian Srikrishna ., Ganesan Sivarajan ., Abirami Manoharan .,	Electrical and Electronics Engineering	International Transactions on Electrical Energy Systems	2018-2019	2050-7038	https://onlinelibrary.wiley.com/journal/20507038?journalRedirectCheck=true	https://onlinelibrary.wiley.com/doi/abs/10.1002/etep.2591	Scopus
Multi-Fuel Energy Source Dispatch Considering Bi-Objectives Using Ant Lion Algorithm	Balachandar Pandiyan ., Sivarajan Ganesan ., Nadasanabapathy Jayakumar ., Srikrishna Subramanian .,	Electrical and Electronics Engineering	International Journal of Energy Sector Management	2018-2019	1750-6239	http://www.emeraldinsight.com/info/journals/ijesm/ijesm.jsp	https://www.emerald.com/insight/content/doi/10.1108/IJESM-12-2016-0004/full/html	Scopus


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Thermal Unit Commitment Problem Along With Wind Power Generation By Considering Generator Outages	S. Siva Sakthi ., R.K. Santhi ., N. Murali Krishnan ., S. Ganesan ., S. Subramanian .,	Electrical and Electronics Engineering	Recent Advances in Electrical and Electronic Engineering	2018-2019	2352-0973	https://benthamsience.com/public/journals/recent-advances-in-electrical-and-electronic-engineering	https://www.academia.edu/87787228/Thermal_Unit_Commitment_Problem_along_with_Wind_Power_Generation_by_Considering_Generator_Outages?uc-g-sw=101569003	Scopus & UGC
Preventive Maintenance Scheduling Using Analysis Of Variance-Based Ant Lion Optimizer	Umamaheswari Elango ., Ganesan Sivarajan ., Abirami Manoharan ., Subramanian Srikrishna .,	Electrical and Electronics Engineering	World Journal of Engineering	2018-2019	2515-8082	http://www.emeraldinsight.com/journal/wje	https://www.emerald.com/insight/content/doi/10.1108/WJE-06-2017-0145/full/html	Scopus
Image Registration Based Cervical Cancer Detection And Segmentation Using Anfis Classifier	R.senthilkumar	Electrical and Electronics Engineering	Asian Pacific Journal of Cancer Prevention: APJCP	2018-2019	2476-762X	https://journal.waocp.org/article_73909.html	https://doi.org/10.31557%2FAPJCP.2018.19.11.3203	Scopus
Energy Optimization With Higher Information Quality For Shm Application In Wireless Sensor Networks	Judith M.C. Geoffrine ., V. Geetha .,	Electrical and Electronics Engineering	IEEE Sensors Journal	2018-2019	1530-437X	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7361	https://ieeexplore.ieee.org/document/8611340	Scopus
Channel Selection Using Glow Swarm Optimization And Its Application In Line Of Sight Secure Communication	A. Franklin Alex Joseph ., C. Govindaraju .,	Electrical and Electronics Engineering	Cluster Computing	2018-2019	1573-7543	https://link.springer.com/journal/10586	https://link.springer.com/article/10.1007/s10586-017-1177-9	Scopus
Channel Selection Using Glow Swarm Optimization And Its Application In Line Of Sight Secure Communication	Dr. Govindaraju C	Electrical and Electronics Engineering	Cluster Computing	2018-2019	1573-7543	https://link.springer.com/journal/10586	https://link.springer.com/article/10.1007/s10586-017-1177-9	Scopus
Design and evaluation of ultra gain isolated DC-DC converter for photovoltaic system	Kathiravan P.,Govindaraju C.	Electrical and Electronics Engineering	International Journal of Engineering and Advanced Technology	2018-2019	2249-8958	http://www.ijeat.org/	https://www.ijeat.org/wp-content/uploads/papers/v8i5/E7870068519.pdf	UGC
A grid connected photovoltaic-fuel cell and super capacitor hybrid energy system	Kathiravan P.,Govindaraju C.	Electrical and Electronics Engineering	International Journal of Recent Technology and Engineering	2018-2019	2277-3878	http://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v7i5s4/E1710275S419.pdf	UGC
Design And Implementation Of New Topology For Solar Pv Based Transformerless Forward Microinverter	M. Premkumar, and T.R. Sumithira	Electrical and Electronics Engineering	Journal of Electrical Engineering and Technology (Springer)	2018-2019	2093-7423	https://link.springer.com/journal/42835	https://link.springer.com/article/10.1007/s42835-018-00036-2	Scopus
Impact Of Attacks And Its Alleviation On Phasor Measuring Units Placement In Power Distribution System Data Communications	Naveenkumar K.,Kannan R.,Ganesan S.,Subramanian S.,Hariprasath M.	Electrical and Electronics Engineering	Journal of Computational and Theoretical Nanoscience	2018-2019	1546-1963	http://www.aspbs.com/	https://www.ingentaconnect.com/contentone/asp/jctn/2019/000016/00000004/art00007	Scopus
Multi-Objective Generation Expansion And Retirement Planning Using Chaotic Grasshopper Optimisation Algorithm	Ponnambalam Suriya ., Srikrishna Subramanian ., Sivarajan Ganesan ., Manoharan Hariprasath .,	Electrical and Electronics Engineering	Australian Journal of Electrical and Electronics Engineering	2018-2019	448837X	https://www.resurhify.com/impact/details/82643#-:text=The%20ISSN%20of%20Australian%20Journal,%20Print%20media%20or%20electronic.	https://www.tandfonline.com/doi/abs/10.1080/1448837X.2019.1627738	Scopus
Phasor Measuring Unit (Pmu) Placement Tested With Multiple Line Outages For Power System Data Communications	V Shamugam ., S Ganesan ., S Subramanian ., M Hariprasath .,	Electrical and Electronics Engineering	Journal of Computational and Theoretical Nanoscience	2018-2019	1546-1963	http://www.aspbs.com/	https://www.ingentaconnect.com/contentone/asp/jctn/2019/000016/00000004/art00014	Scopus
Generation And Transmission Expansion Management Using Grasshopper Optimization Algorithm	Ponnambalam Suriya ., Srikrishna Subramanian ., Sivarajan Ganesan ., Manoharan Abirami .,	Electrical and Electronics Engineering	Language in India	2018-2019	1847-9790	https://journals.sagepub.com/home/enb	https://journals.sagepub.com/doi/pdf/10.1177/1847979018818320#:~:text=The%20planned%20model%20is%20designed,%20the%20proposed%20GTEP%20model.	UGC
Development Of A Pedagogical Framework To Analyze The Performance Of Induction Machines	Sridevi R.,Kumar C.,Suresh P.,Ganesan S.,Subramanian S.,Suresh A.	Electrical and Electronics Engineering	International Journal of Electrical Engineering and Education	2018-2019	2050-4578	https://journals.sagepub.com/home/ije	https://journals.sagepub.com/doi/10.1177/0020720919828993	Scopus
Medical Image Quality Assessment Using Cso Based Deep Neural Network	Jayageetha J.,Vasanthanayaki C.	Electronics and Communication Engineering	Journal of Medical Systems	2018-2019	1573-689X	https://link.springer.com/journal/10916	https://link.springer.com/article/10.1007/s10916-018-1089-0	Scopus
High Performance Modified Static Segment Approximate Multiplier Based On Significance Probability	Jothin R.,Vasanthanayaki C.	Electronics and Communication Engineering	Journal of Electronic Testing: Theory and Applications (JETTA)	2018-2019	1573-0727	https://link.springer.com/journal/10836	https://link.springer.com/article/10.1007/s10836-018-5748-3	Scopus
High Performance Static Segment On-Chip Memory For Image Processing Applications	Jothin R.,Vasanthanayaki C.	Electronics and Communication Engineering	Journal of Electronic Testing: Theory and Applications (JETTA)	2018-2019	1573-0727	https://link.springer.com/journal/10836	https://link.springer.com/article/10.1007/s10836-018-5742-9	Scopus
Multi Attribute Real Time Traffic Inference Algorithm For Botnet Detection In Mobile Ad Hoc Network	G. Kavitha .,	Electronics and Communication Engineering	Wireless Personal Communications	2018-2019	1572-834X	http://dx.doi.org/10.1007/11277.1572-834X	https://link.springer.com/article/10.1007/s11277-018-5384-3	Scopus
De-Speckling Of Ultrasound Images Using Local Statistics-Based Trilateral Filter	Jayanthi Sree S.,Vasanthanayaki C.	Electronics and Communication Engineering	Journal of Circuits, Systems and Computers	2018-2019	1793-6454	https://www.worldscientific.com/worldscinet/jcsc	https://www.worldscientific.com/doi/abs/10.1142/S0218126619501500	Scopus
Ultrasound Fetal Image Segmentation Techniques: A Review	Jayanthi Sree S.,Vasanthanayaki C.	Electronics and Communication Engineering	Current Medical Imaging Reviews	2018-2019	1875-6603	https://www.eurekaselect.com/journal/33	https://www.eurekaselect.com/article/84349	Scopus
Shape Adaptive Dct Compression For High Quality Surveillance Using Wireless Sensor Networks	Jamunarani M.,Vasanthanayaki C.	Electronics and Communication Engineering	Cluster Computing	2018-2019	1573-7543	https://link.springer.com/journal/10586	https://link.springer.com/article/10.1007/s10586-018-2249-1	Scopus
Fetal Standard Plane Detection In Freehand Ultrasound Using Multi Layered Extreme Learning Machine	Sree S.J.,Vasanthanayaki C.	Electronics and Communication Engineering	Advances in Computerized Analysis in Clinical and Medical Imaging	2018-2019	9.7804E+12	https://www.taylorfrancis.com/books/edit/10.1201/9780429446030/advances-computerized-analysis-clinical-medical-imaging-dinesh-peter-steven-lawrence-fernandes-carlos-eduardo-thomaz?refId=F586368f-f64c-4479-ac2d-109815b53f0c&context=ubx	https://www.taylorfrancis.com/chapters/edit/10.1201/9780429446030-11/fetal-standard-plane-detection-freehand-ultrasound-using-multi-layered-extreme-learning-machine-jayanthi-sreevasanthanayaki	Scopus
Enhanced Techniques To Secure Medical Image And Data Transit	Uma Maheswari S.,Vasanthanayaki C.	Electronics and Communication Engineering	Lecture Notes in Computational Vision and Biomechanics	2018-2019	978-3-030-00665-5	https://link.springer.com/conference/ismac	https://link.springer.com/chapter/10.1007/978-3-030-00665-5_40	Scopus
Secure Medical Health Care Content Protection System (Smcps) With Watermark Detection For Multi Cloud Computing Environment	Dr. C. Vasanthanayaki	Electronics and Communication Engineering	Multimedia tools and applications	2018-2019	1573-7721	https://link.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-019-7724-z	Scopus
Qos Improvement Based Security Enhancement For Link Activity Monitoring Service In Mobile Ad Hoc Network	G. Kavitha .,	Electronics and Communication Engineering	Cluster Computing	2018-2019	1573-7543	https://link.springer.com/journal/10586	https://link.springer.com/article/10.1007/s10586-018-1786-y	Scopus
High Performance Error Tolerant Adders For Image Processing Applications	Jothin R.,Vasanthanayaki C.	Electronics and Communication Engineering	IETE Journal of Research	2018-2019	0377-2063	https://www.tandfonline.com/journals/tijr20	https://www.tandfonline.com/doi/full/10.1080/03772063.2018.1535920	Scopus
First Law And Second Law Analysis Of Al2o3/Tio2 Nano Composite Lubricant In Domestic Refrigerator At Different Evaporator Temperature	Dr. R. Vijayan	Mechanical Engineering	Materials Research Express	2018-2019	2053-1591	Materials Research Express - IOPscience	https://iopscience.iop.org/article/10.1088/2053-1591/aa72d/meta	Scopus
Performance Of Al2o3/Tio2 Nano Composite Particles In Domestic Refrigerator	Dr. R. Vijayan	Mechanical Engineering	Journal of Experimental Nanoscience	2018-2019	1745-8099	https://www.tandfonline.com	https://www.tandfonline.com/doi/full/10.1080/17458080.2018.1491066	Scopus

A Review On Performance, Emission And Combustion Characteristics Of A Diesel Engine Fueled With Various Vegetable Oil	Dr. R. Vijayan	Mechanical Engineering	Journal of Experimental Nanoscience	2018-2019	0975-0991	https://nopr.niscpr.res.in/	http://nopr.niscpr.res.in/handle/123456789/44570	Scopus
Experimental Investigation On The Performance And Emission Characteristics Of A Diesel Engine By Varying The Injection Pressure And Injection Timing Using Mixed Biodiesel	S. Arunprasad ., T. Balusamy .,	Mechanical Engineering	International Journal of Green Energy	2018-2019	1543-5083	https://www.tandfonline.com/toc/ijge20/current	https://www.tandfonline.com/doi/abs/10.1080/15435075.2018.1464923	Scopus
Investigations On Machining Of Banana Fibre Reinforced Hybrid Polymer Matrix Composite Materials	Solaiyappan Ayyappan	Mechanical Engineering	Materials today proceeding	2018-2019	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785317327426?via%3Dihub	Scopus
Vibrational Analysis Of Hybrid Fabric - Reinforced Polymer Matrix Curved Composite Beams	Solaiyappan Ayyappan	Mechanical Engineering	Composites: Mechanics, Computations, Applications: An International Journal	2018-2019	2152-2057	https://www.dl.begellhouse.com/journals/36ff4a142dec96092890239e4262b8d7_0151a85e3af89ab1.html#	https://www.dl.begellhouse.com/journals/36ff4a142dec96092890239e4262b8d7_0151a85e3af89ab1.html#	Scopus
Behaviour Of Hydrogen In Industrial Scale Steel Melts	D. Ravichandar ., T. Balusamy ., R. Gobinath ., G. Balachandran .,	Mechanical Engineering	Transactions of the Indian Institute of Metals	2018-2019	0972-2815	https://link.springer.com/journal/12666	https://link.springer.com/article/10.1007/s12666-018-1381-1	Scopus
Numerical Investigation Of Unsteady Buoyancy Driven Indoor Air Flow Characteristics Under Various Range Of Internal Heat Generation	Lenin V.R.,Sivalakshmi S.	Mechanical Engineering	International Journal of Environment and Sustainable Development	2018-2019	1474-6778	https://www.inderscience.com/jhome.php?code=ijesd	https://www.inderscience.com/info/inarticle.php?artid=93243	Scopus
Performance Of A Forced Convection Solar Drier Integrated With Latent Heat Storage Unit	Sivalakshmi S and Karthi K	Mechanical Engineering	International Journal of Research in Engineering and Advanced Research	2018-2019	2320 - 8791	http://www.ijreat.org	https://www.scribd.com/document/430907810/IJREATV6I2013	Scopus
An Analysis Of Diesel Water Emulsion In The Direct Injected Diesel Engine	Raja m	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018-2019	2249-8001	https://www.tjprc.org/journals.php?type=2&id=67	https://issuu.com/tjprc/docs/42ijmperdapr201942	scopus
Experimental Investigation Of Drilling Parameters And Mechanical Behaviour In Glass Fiber With Phenolic Resin Composites	Mohanraj M.,Rajamani G.P.	Mechanical Engineering	Journal of the Balkan Tribological Association	2018-2019	1310-4772	https://scibulcom.net/en/journal/1310-4772	https://www.researchgate.net/publication/327174324_Experimental_investigation_of_drilling_parameters_and_mechanical_behavior_in_glass_fiber_with_phenolic_resin_composites	Scopus
Analysis The Optimum Inlet Air Temperature For Controlling Homogeneous Charge Compression Ignition (Hcci) Engine	Gowthaman S.,Sathiyagnanam A.P.	Mechanical Engineering	Alexandria Engineering Journal	2018-2019	2090-2670	https://www.sciencedirect.com/journal/alexandria-engineering-journal	https://www.sciencedirect.com/science/article/pii/S1110016817302545#:~:text=The%20130%20%2C%20inlet,90%20%2C%20%20operated%20engine.	Scopus
Cleaner Emissions From A Di Diesel Engine Fueled With Waste Plastic Oil Derived From Municipal Solid Waste Under The Influence Of N-Pentanol Addition, Cold Egr And Injection Timing	Sathiyagnanam, A. P., Damodharan, D., Rajesh Kumar, B., Ganesh K.C	Mechanical Engineering	Environmental Science and Pollution Research (Springer)	2018-2019	0944-1344	https://link.springer.com/journal/11356	https://link.springer.com/article/10.1007/s11356-018-1558-5	Scopus
Combined Influence Of Injection Timing And Egr On Combustion, Performance And Emissions Of Di Diesel Engine Fueled With Neat Waste Plastic Oil'	Sathiyagnanam, A. P., Damodharan, D., Rana, D., Rajesh Kumar, B., & Saravanan, S	Mechanical Engineering	Energy Conversion and management	2018-2019	0196-8904	https://www.sciencedirect.com/journal/energy-conversion-and-management	https://www.sciencedirect.com/science/article/abs/pii/S019689041830058X	Scopus
Effect Of Injection Timing And Cooled Egr On Performance And Emission Characteristics Of A Stationary Single Cylinder Di- Diesel Engine Fueled With N- Butanol/Diesel Blends	Sathiyagnanam, A. P and K.Gopal	Mechanical Engineering	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2018-2019	2321-9653	https://www.ijraset.com/	https://www.ijraset.com/fileservice.php?FID=12943	Scopus & UGC
Effective Utilization Of Waste Plastic Oil In A Direct Injection Diesel Engine Using High Carbon Alcohols As Oxygenated Additives For Cleaner Emissions	Damodharan D.,Sathiyagnanam A.P.,Rana D.,Saravanan S.,Rajesh Kumar B.,Sethuramasamyraja B.	Mechanical Engineering	Energy Conversion and Management	2018-2019	0196-8904	https://www.sciencedirect.com/journal/energy-conversion-and-management	https://www.sciencedirect.com/science/article/abs/pii/S0196890418303352	Scopus
Prediction Of Emissions And Performance Of A Diesel Engine Fueled With N- Octanol/Diesel Blends Using Response Surface Methodology	Sathiyagnanam, A. P., K.Gopal., Rajesh Kumar, B., Saravanan, S., Rana, D., B.Sethuramasamyraja	Mechanical Engineering	Journal of cleaner production (Elsevier)	2018-2019	0959-6526	https://www.sciencedirect.com/journal/journal-of-cleaner-production	https://www.sciencedirect.com/science/article/abs/pii/S0959652618305262	Scopus
Mathematical Correlation Of Different Emission Characteristics Analysis Of Di-Diesel Engine Fueled With Lignocellulosic Biomass Derived N-Butanol/Diesel Blend Using Response Surface Methodology	Sathiyagnanam, A. P and K.Gopal	Mechanical Engineering	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2018-2019	2321-9653	https://www.ijraset.com/	https://www.cabidigitallibrary.org/doi/full/10.5555/20183379091	Scopus & UGC
Effect Of Electrical Discharge Coating On Ze41a Magnesium Alloy Using Sintered Wc/Cu Composite	U. Elaiyaranas ., V. Satheshkumar ., C. Senthilkumar .,	Mechanical Engineering	Journal of Advanced Microscopy Research	2018-2019	2156-7573	https://www.ingentaconnect.com/content/asp/jamr/jessoid=ggwf0dnbkfob.x-ic-live-03#	https://www.ingentaconnect.com/content/asp/jamr/2018/0000013/00000003/art00014/jessoid=1q3t12afd94r.x-ic-live-01	Scopus
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Influence Of Corrugated Booster Reflectors In A Centrally Finned Twist Inserted Solar Thermal Collector On Heat Transfer And Thermal Performance Characteristics	Dr. R. Vijayan	Mechanical Engineering	Journal of Heat Transfer	2018-2019	2832-8450	https://asmedigitalcollection.asme.org/heattransfer	https://doi.org/10.1080/154335075.2019.1590840	scopus
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Optimization Of Window Type And Vent Parameters On Single-Sided Natural Ventilation Buildings	Lenin V.;Sivalakshmi S.;Raja M.	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2018-2019	1588-2926	https://link.springer.com/journal/10973	https://link.springer.com/article/10.1007/s10973-018-7913-4#::text=In%20this%20study%2C%20the%20single.to%20predict%20more%20precise%20result	Scopus
Using Renewable N-Octanol In A Non-Road Diesel Engine With Some Modifications	Melvin Victor De Poures ., Sathiyagnanam A.P. ., Dipak Rana ., Rajesh Kumar Babu ., Saravanan Subramani ., Balaji Sethuramasamyraja ., Damodharan D. .,	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2018-2019	1556-7036	https://www.tandfonline.com/loi/ueso20	https://www.tandfonline.com/doi/full/10.1080/15567036.2018.1544997#::text=Octanol%20was%20found%20to%20deliver,both%20SME%20and%20n%20doctanol	Scopus
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Effective Utilization Of Waste Plastic Oil/N-Hexanol In An Off-Road, Unmodified Di Diesel Engine And Evaluating Its Performance, Emission, And Combustion Characteristics	Dillikannan D.;Dilipsingh J.;De Poures M.V.;Kaliyaperumal G.;Sathiyagnanam A.P.;Babu R.K.;Mukilarasan N.	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2018-2019	1556-7036	https://www.tandfonline.com/loi/ueso20	https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1604853	Scopus
Prediction And Optimization Of Engine Characteristics Of A Di Diesel Engine Fuelled With Cyclohexanol/Diesel Blends	Sathiyagnanam A.P. ., Dipak Rana ., Rajesh Kumar Babu ., Saravanan Subramani ., Balaji Sethuramasamyraja ., Damodharan D. .,	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2018-2019	1556-7036	https://www.tandfonline.com/loi/ueso20	https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1607923	Scopus
Wear Mechanism Map Of Magnesium Alloy Coated With Wc/Cu Electrode Using Electro Discharge Alloying	U Elaiyarasan, V Satheeskumar, C Senthilkumar	Mechanical Engineering	Journal of Manufacturing Engineering	2018-2019	0973-6867	https://fatcat.wiki/container/7k5zg7s6pvhenchSlutgifi3a	https://smenec.org/index.php/1/article/view/73	scopus
A Study On Wear Behaviour Of Electrical Discharge-Coated Magnesium Alloy	U. Elaiyarasan ., V. Satheeskumar ., C. Senthilkumar .,	Mechanical Engineering	Journal of Bio- and Tribo-Corrosion	2018-2019	2198-4239	https://link.springer.com/journal/40735	https://link.springer.com/article/10.1007/s40735-019-0222-z	Scopus
Experimental Investigation Of The Solar Still With The Diverse Absorber Plate Configurations Using Energy Storing Materials	Prabhar Jeevanandam ., Balusamy Thangavel .,	Mechanical Engineering	Thermal Science	2018-2019	2334-7163	https://thermalscience.vinca.rs/	https://www.researchgate.net/publication/337271561_Experimental_investigation_of_the_solar_still_with_the_diverse_absorber_plate_configurations_using_energy_storing_materials	scopus
Prediction And Optimization Of Engine Characteristics Of A Di Diesel Engine Fuelled With Cyclohexanol/Diesel Blends	Gopal K.;Sathiyagnanam A.P.;Rajesh Kumar B.;Damodharan D.;De Poures M.V.;Saravanan S.;Rana D.;Sethuramasamyraja B.	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2018-2019	1556-7036	https://www.tandfonline.com/loi/ueso20	https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1607923	Scopus
Comparative Account Of The Effects Of Two High Carbon Alcohols (C5 & C6) On Combustion, Performance And Emission Characteristics Of A Di Diesel Engine	De Poures M.V.;Gopal K.;Sathiyagnanam A.P.;Rajesh Kumar B.;Rana D.;Saravanan S.;Damodharan D.	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2018-2019	1556-7036	https://www.tandfonline.com/loi/ueso20	https://www.tandfonline.com/doi/full/10.1080/15567036.2019.1604888	Scopus
PERFORMANCE ANALYSIS OF SOLAR WATER HEATER INTEGRATED WITH SODIUM ACETATE TRIHYDRATE AS PHASE CHANGE MATERIAL	C. Madan raj, K. Sakunthala, V. Arul S.Mahalingam	Department of Mechanical Engineering	International Journal of Research and Innovation in Engineering Technology	2018-2019	2347-6850	https://www.academia.edu/38439516/PERFORMANCE_ANALYSIS_OF_SOLAR_WATER_HEATER_INTEGRATED_WITH_SODIUM_ACETATE_TRIHYDRATE_AS_PHASE_CHANGE_MATERIAL	https://www.academia.edu/38439516/PERFORMANCE_ANALYSIS_OF_SOLAR_WATER_HEATER_INTEGRATED_WITH_SODIUM_ACETATE_TRIHYDRATE_AS_PHASE_CHANGE_MATERIAL	UGC
Performance And Emission Study Of A Single Cylinder Diesel Engine Fuelled With N-Octanol/Wpo With Some Modifications	Damodharan D.;Gopal K.;Sathiyagnanam A.P.;Rajesh Kumar B.;Depoures M.V.;Mukilarasan N.	Mechanical Engineering	International Journal of Ambient Energy	2018-2019	2162-8246	https://www.tandfonline.com/journals/taen20	https://www.researchgate.net/publication/329925269_Performance_and_emission_study_of_a_single_cylinder_diesel_engine_fueled_with_n-octanolWPO_with_some_modifications	Scopus
Failure Analysis Of Gold Dust Defect In 430 Grade Stainless Steel	Mithra S.;Venkatakrishnan P.;Noorullah D.;Karthik V.	Metallurgical Engineering	IOP Conference Series: Materials Science and Engineering	2018-2019	1757-899X	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/314/1/012003/pdf	Scopus
Optimization Of Friction And Wear Behaviour Of Al7075-Al<inf>2</inf>-O<inf>3</inf>-B<inf>4</inf>-C Metal Matrix Composites Using Taguchi Method	Dhanalakshmi S.;Mohanasundararaju N.;Venkatakrishnan P.G.;Karthik V.	Metallurgical Engineering	IOP Conference Series: Materials Science and Engineering	2018-2019	1757-899X	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/314/1/012025/pdf	Scopus
Failure Analysis Of Gold Dust Defect In 430 Grade Stainless Steel	Mithra S.;Venkatakrishnan P.;Noorullah D.;Karthik V.	Metallurgical Engineering	IOP Conference Series: Materials Science and Engineering	2018-2019	1757-899X	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/314/1/012003/pdf	Scopus
Influence Of Sic Nanoparticle Reinforcement On Fss Welded 6061-T6 Aluminum Alloy	Suresh S.;Venkatesan K.;Natarajan E.	Metallurgical Engineering	Journal of Nanomaterials	2018-2019	1687-4129	https://www.researchgate.net/journal/Journal-of-Nanomaterials-1687-4129?tp=eyJjb250ZXh0Ijp7ImZpcnNOUGFnZSI6InB1YmxpY2F0aW9uIiwicm90aW50IjoiIn0	https://www.researchgate.net/publication/329925269_Performance_and_emission_study_of_a_single_cylinder_diesel_engine_fueled_with_n-octanolWPO_with_some_modifications	scopus
Optimization Of Friction And Wear Behaviour Of Al7075-Al203-B4c Metal Matrix Composites Using Taguchi Method	S Dhanalakshmi, N Mohanasundararaju, PG Venkatakrishnan, V Karthik	Metallurgical Engineering	IOP Conference Series: Materials Science and Engineering	2018-2019	1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/314/1/012025/pdf	https://iopscience.iop.org/article/10.1088/1757-899X/314/1/012025/pdf	Scopus
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Evaluating weld properties of conventional and swept friction stir spot welded 6061-t6 aluminium alloy	Suresh S.;Venkatesan K.;Natarajan E.;Rajesh S.;Lim W.H.	Department of Metallurgical Engineering	Materials Express	2018-2019	2158-5849	http://www.aspbs.com/mex/	https://www.sciencedirect.com/science/article/pii/S221478532033769X	UGC
Optimization of process parameters for friction stir spot welding of AA6061/Al<inf>2</inf>-O<inf>3</inf>-B<inf>4</inf> by Taguchi method	Suresh S.;Venkatesan K.;Rajesh S.	Department of Metallurgical Engineering	AIP Conference Proceedings	2018-2019	1551-7616	https://pubs.aip.org/aip/acp/article-abstract/2128/1/030018/841356/Optimization-of-process-parameters-for-friction-stir-spot-welding-of-AA6061-Al2O3-B4C-metal-matrix-composites-using-taguchi-method	https://pubs.aip.org/aip/acp/article-abstract/2128/1/030018/841356/Optimization-of-process-parameters-for-friction-stir-spot-welding-of-AA6061-Al2O3-B4C-metal-matrix-composites-using-taguchi-method	UGC

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A Smart And Efficient One-Pot Green Synthesis Of Novel 1, 2, 3-Triazolyl Pyrazoline- /Indazolyl-Carbothioamide Hybrids Under Solvent-Free Grinding Strategy At Room Temperature	Dr.K.Saranya	Physics	ChemistrySelect	2018-2019	2365-6549	https://chemistry-europe.onlinelibrary.wiley.com/	https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/slct.201802346	Scopus
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Experimental And Theoretical Studies On The Corrosion Inhibition Of Brass In Hydrochloric Acid By N-(4-(4-Benzhydryl) Piperazin-1-Yl) Methyl Carbamoyl) Phenyl) Furan-2-Carboxamide	Zulfareen, N and Venugopal, T and Kannan, K	Chemistry	International Journal of Corrosion	2018-2019	1687-9325	https://www.hindawi.com/journals/ijc/	https://www.hindawi.com/journals/ijc/2018/9372804/	Scopus
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Experimental Investigation On Different High Rich Cement Mortar For Ferrocement Application	K Sankar, D Shoba Rajkumar	Civil Engineering	Materials Today: Proceedings	2019-2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.researchgate.net/publication/337628899_Experimental_investigation_on_different_high_rich_cement_mortar_for_ferrocement_application	Scopus
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Deep Learning Distributed A Cloud Storage Systems For Secure Data Uploading With Chunk-Based Deduplication	Mrs.S.Ruba, Dr.A.M.Kalpana,	Computer Science and Engineering	Solid State Technology	2020-2021	0038-111X	https://electriq.com/semiconductors/	https://solidstatetechnology.us/index.php/JSST/article/view/7779	scopus
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An Experimental Study On Trapezoidal Salt Gradient Solar Pond Using Magnesium Sulfate (Mgso<inf>4</inf> Salt And Coal Cinder	P. Dineshkumar ., M. Raja .,	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2022-2023	1588-2926	https://link.springer.com/journal/10973	https://go.gale.com/ps/i.do?p=ANONE&u=anon-dc74654&id=GAL E A715159560&v=2.1&it=r&sid=sitemap&asid=63ba443b	Scopus
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Intensified Convective Energy Tapping In Modified Tubes Using Azadirachta Indica Brewed Zinc Oxide As Potential Thermo-Fluids	A. Sivalingam ., T. Balusamy ., P.K. Nagarajan ., Ioannis E. Sarris ., S.Suseel Jai Krishnan ., Mohsen Sharifpur ..	Mechanical Engineering	International Journal of Thermal Sciences	2022-2023	1290-0729	https://www.sciencedirect.com/journal/international-journal-of-thermal-sciences	https://www.sciencedirect.com/science/article/abs/pii/S1290072923001485	Scopus
Vacuum Stir Cast Developed Aluminium Alloy Hybrid Nanocomposite Performance Compared With Gravity Cast: Mechanical And Tribological Characteristics Study	A. Baraniraj ., A. P. Sathyagnanam ., R. Venkatesh ., Melvin Victor De Pours .,	Mechanical Engineering	International Journal of Metalcasting	2022-2023	2163-3193	https://link.springer.com/journal/40962	https://link.springer.com/article/10.1007/s40962-023-01119-1	Scopus
Silicon Carbide Particle Enriched Magnesium Alloy (AZ91) Composite: Physical, Microstructural And Mechanical Studies	A. Baraniraj, A. P. Sathyagnanam, R. Venkatesh, Ra. Aravind	Mechanical Engineering	International Journal of Silicon	2022-2023	1876-9918	https://link.springer.com/journal/12633	https://www.sciencedirect.com/science/article/abs/pii/S2214785323014621	Scopus
Characterization Effect Of Pozzolanic Waste-Reinforced A356 Alloy Composites By Liquid Metallurgy Semisolid Stir Cast	A. Baraniraj, A.P. Sathyagnanam, R. Venkatesh, and S. Kumaravel	Mechanical Engineering	International Journal of Materials Engineering and Performance	2022-2023	1059-9495	https://link.springer.com/journal/11665	https://link.springer.com/article/10.1007/s11665-023-09020-y	Scopus

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Optimization Of Electrodeposition Parameters To Maximize The Microhardness Of Ni-SiC Nanocomposite Coatings Using Rsm	P. Natarajan ., M. Periyasamy ., R. Jamuna ., K. Sakunthala ., M. Mohanraj .,	Mechanical Engineering	Materials Today: Proceedings	2022-2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785323014621	Scopus
Optimization Of Electrodeposition Parameters To Maximize The Microhardness Of Ni-SiC Nanocomposite Coatings Using Rsm	P Natarajan, M Periyasamy, R Jamuna, K Sakunthala, M Mohanraj	Mechanical Engineering	Materials Today: Proceedings	2022-2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.proquest.com/openview/c98049fd60874afb5d854a1ffa6341cb/1?pq-origsite=gscholar&cbl=616471	Scopus
Mechanical And Tribological Properties Of Snake Grass Fibers Reinforced Epoxy Composites: Effect Of Java Plum Seed Filler Weight Fraction	Ponnusamy Natarajan ., Ponnusamy Rajasekaran ., Manoharan Mohanraj ., Shanmugan Devi .,	Mechanical Engineering	International Polymer Processing	2022-2023	0930-777X	https://www.degruyter.com/journal/key/ipp/html?lang=en	https://www.degruyter.com/document/doi/10.1515/ipp-2022-4301/html?lang=en	Scopus
Experimental Investigation On Mechanical And Tribological Characteristics Of Snake Grass/Sisal Fiber Reinforced Hybrid Composites	Sathish kumar Rajamanickam ., Natarajan Ponnusamy ., Manoharan Mohanraj ., Arockia Julius Arulraj .,	Mechanical Engineering	International Polymer Processing	2022-2023	0930-777X	https://www.degruyter.com/journal/key/ipp/html?lang=en	https://www.degruyter.com/document/doi/10.1515/ipp-2022-4301/html?lang=en	Scopus
Optimization Of Electrodeposition Parameters To Maximize The Microhardness Of Ni-SiC Nanocomposite Coatings Using Rsm	P. Natarajan ., M. Periyasamy ., R. Jamuna ., K. Sakunthala ., M. Mohanraj .,	Mechanical Engineering	Materials Today: Proceedings	2022-2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785323014621	Scopus
Mechanical And Tribological Properties Of Snake Grass Fibers Reinforced Epoxy Composites: Effect Of Java Plum Seed Filler Weight Fraction	Ponnusamy Natarajan ., Ponnusamy Rajasekaran ., Manoharan Mohanraj ., Shanmugan Devi .,	Mechanical Engineering	International Polymer Processing	2022-2023	0930-777X	https://www.degruyter.com/journal/key/ipp/html?lang=en	https://www.degruyter.com/document/doi/10.1515/ipp-2022-4301/html?lang=en	Scopus
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Experimental Investigation In Solar Water Heater Integrated With Phase Change Material In Solar Collector	Vikram M , Dr. Sakunthala K	Mechanical Engineering	International Journal of Scientific Research in Engineering and Management	2022-2023	2582-7421	https://ijsrem.com/	https://ijrpr.com/uploads/V4ISSUE9/IJRPR17200.pdf	Scopus
Mathematical Modelling For Window Air Conditioning Using R290 Drop In Replacement For R22	R Alex Arputhanathan, M Periyasamy, P Dineshkumar	Mechanical Engineering	acta Technica Corviniensis-Bulletin of Engineering	2022-2023	2067-3809	https://acta.fih.upt.ro/	https://link.springer.com/article/10.1007/s12206-023-0834-6	Scopus
Silicon Carbide Particle Enriched Magnesium Alloy (A91) Composite: Physical, Microstructural And Mechanical Studies	Baraniraj A.,Sathiyaganam A.P.,Venkatesh R.,Aravind R.	Mechanical Engineering	Silicon	2022-2023	1876-990X	https://link.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-023-02516-1	Scopus
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Performance Improvement Of Automotive Front Structural Crush Box With Mass And Cost Optimization By Using Finite Element Method	M.Selvamanigandan, V.Satheeskumar, U.Elaiyarsan	Mechanical Engineering	2nd International virtual conference on Advances in Automobile, Manufacturing and Mechanical Engineering (ICAMME'2023) held on 28th April 2023	2022-2023	2195-8602	https://www.degruyter.com/journal/key/ipp/html	https://www.researchgate.net/publication/372189077_Mechanical_and_tribological_properties_of_snake_grass_fibers_reinforced_epoxy_composites_effect_of_java_plum_seed_filler_weight_fraction	Scopus
Silicon Carbide Particle Enriched Magnesium Alloy (A91) Composite: Physical, Microstructural And Mechanical Studies	Baraniraj A.,Sathiyaganam A.P.,Venkatesh R.,Aravind R.	Mechanical Engineering	Silicon	2022-2023	1876-990X	https://link.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-023-02516-1	Scopus
Mathematical Modelling For Window Air Conditioning Using R290 Drop In Replacement For R22	R Alex Arputhanathan, M Periyasamy, P Dineshkumar	Mechanical Engineering	acta Technica Corviniensis-Bulletin of Engineering	2022-2023	2067-3809	https://acta.fih.upt.ro/	https://link.springer.com/article/10.1007/s12206-023-0834-6	Scopus
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Multi Objective Optimization Algorithm Based Priority Path Planning Using Trajectory Scheduling Assorted Robotic Network	D. NOORULLAH	Metallurgical Engineering	Periodico di Mineralogia	2022-2023	0369-8963	https://periodicodimineralogia.it/wp-content/uploads/2022/09/202291518.pdf	https://periodicodimineralogia.it/wp-content/uploads/2022/09/202291518.pdf	scopus
An Effective Hybrid Algorithm Based On Modified Cuckoo Search And Firefly For Resource Description Framework Based Sparql Query Language Optimization	D. NOORULLAH	Metallurgical Engineering	Periodico di Mineralogia	2022-2023	0369-8963	https://periodicodimineralogia.it/wp-content/uploads/2022/09/202291518.pdf	https://periodicodimineralogia.it/wp-content/uploads/2022/09/202291518.pdf	scopus
Optimum Tool Traverse Speed Resulting Equiaxed Recrystallized Grains And High Mechanical Strength At Swept Friction Stir Spot Welded Aa7075-T6 Lap Joints	Suresh S.,Natarajan E.,Vinayagamurthi P.,Venkatesan K.,Viswanathan R.,Rajesh S.	Metallurgical Engineering	Lecture Notes in Mechanical Engineering	2022-2023	2195-4364	https://ouci.dntb.gov.ua/en/works/98ZYR5x4/	https://ouci.dntb.gov.ua/en/works/9QJnOpj7/	scopus
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An Effective Hybrid Algorithm Based On Modified Cuckoo Search And Firefly For Resource Description Framework Based Sparql Query Language Optimization	S. DHANALAKSHMI, N. MOHANASUNDARARAJ U, T. JESUDAS, D. NOORULLAH	Metallurgical Engineering	Periodico di Mineralogia	2022-2023	0369-8963	https://periodicodimineralogia.it/wp-content/uploads/2022/09/202291515.pdf	https://periodicodimineralogia.it/wp-content/uploads/2022/09/202291515.pdf	Scopus
Optimum Tool Traverse Speed Resulting Equiaxed Recrystallized Grains And High Mechanical Strength At Swept Friction Stir Spot Welded Aa7075-T6 Lap Joints	Suresh S.,Natarajan E.,Vinayagamurthi P.,Venkatesan K.,Viswanathan R.,Rajesh S.	Metallurgical Engineering	Lecture Notes in Mechanical Engineering	2022-2023	2195-4364	https://www.springerprofessional.de/lecture-notes-in-mechanical-engineering/1792794	https://www.springerprofessional.de/lecture-notes-in-mechanical-engineering/1792794	Scopus
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Dissimilar Welding Of Uns S31803 And Uns S30400 Tubes Superiority And Adverse In Rotary Friction Welding	M Deepak Kumar	Metallurgical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2022-2023	2041-3009	Sage Journals	https://journals.sagepub.com/doi/abs/10.1177/09544089231208309	Scopus
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A Study On Effect Of Basicity Index In Submerged Arc Welding	N.Thenammai	Metallurgical Engineering	International Journal of Innovative Research in Technology	2022-2023	2349-6002	https://ijirt.org/index	https://ijirt.org/Article?manuscript=161652	UGC
Determination Of Mechanical Properties Of Cfrp Composite Reinforced With Abaca And Kenaf Fibres	Dr.K.Saranya	Physics	Materials Today: Proceedings	2022-2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322017217	Scopus
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Synthesis And Characterization Studies On The Degradation Of Rhodamine B From Aqueous Solution By Cu-NiO/Ac Nanocomposites	T. Venugopal , A. Ramachandran .	Chemistry	Desalination and Water Treatment	2022-2023	1944-3986	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_280/280_2022_188.pdf	Scopus
Synthesis And Characterization Studies On The Degradation Of Rhodamine B From Aqueous Solution By Cu-NiO/Ac Nanocomposites	R. Vaithianathan	Chemistry	Desalination and Water Treatment	2022-2023	1944-3986	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_280/280_2022_188.pdf	Scopus
A Green Synthesis Of Fe3O4 Nanocomposites Loaded Castor Seed Shell Carbon For Lead(ii) Removal From Water: Equilibrium And Kinetic Studies	R. Vaithianathan, P. Anitha, A. Ramachandran, R.y Sudha	Chemistry	Desalination and Water Treatment	2022-2023	1944-3986	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_280/280_2022_271.pdf	Scopus
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