



**GOVERNMENT COLLEGE OF ENGINEERING,
SALEM-636011**

Research Paper Publications

2018-19 to 2022-23

Number of Faculty members with Ph, D.

2018-19 to 2022-23

Sl. No	Department	Number of Faculty members with Ph, D.
1	Mechanical Engineering	17
2	Civil Engineering	11
3	Electrical and Electronics Engineering	11
4	Electronics and Communication Engineering	8
5	Metallurgical Engineering	4
6	Computer Science and Engineering	6
7	English	2
8	Mathematics	1
9	Physics	4
10	Chemistry	5
Total		69

Number of Research Scholars produced

2018-19 to 2022-23

Sl. No	Department	Number of Research Scholars
1	Mechanical Engineering	39
2	Civil Engineering	24
3	Electrical and Electronics Engineering	28
4	Electronics and Communication Engineering	20
5	Metallurgical Engineering	2
6	Computer Science and Engineering	15
7	Chemistry	5
Total		133

Research Papers Published - 2018-19 to 2022-23

Title of Paper	Name of the Author/s	Department of the Teacher	Name of Journal	Year of Publication	ISSN Number	Link to article/paper /abstract of the article
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/content/?page=article&journal=scs&volume=27&num=5&ordernum=2
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	(PDF) Significant effects of cementitious materials on strength gain properties of concrete with partial replacement of fine aggregate by quarry dust
Treatment Of Textile Wastewater By Coagulation-Flocculation Process Using Gossypium Herbaceum And Polyaniline Coagulants	Prakasam Arulmathi, Chellappa Jeyaprabha, Periandavan Sivasankar, Vadivel Rajkumar	Civil Engineering	CLEAN: Soil, Air, Water	2018-2019	1863-0669	https://onlinelibrary.wiley.com/doi/10.1002/clen.201800464
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	https://journals.sagepub.com/doi/abs/10.1177/1369433218824499
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	https://www.researchgate.net/publication/327512773_Behaviour_of_cold-formed_steel_built-up_i-section_columns_composed_of_four_U-profiles
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	https://journals.sagepub.com/doi/10.1177/1369433218782767?icid=int.sj-full-text.similar-articles.3
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	https://journals.sagepub.com/doi/10.1177/1369433218782767?icid=int.sj-full-text.similar-articles.3
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	https://www.ijirset.com/upload/2018/may/161_A%20Study.pdf
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/jsi/2018-118-14-15/articles/14/22.pdf
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.researchgate.net/publication/327389315_Transcription_Correction_for_Indian_Languages_Using_Acoustic_Signatures
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
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/article/10.1007/s10586-017-1182-z
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://www.researchgate.net/publication/331680444_Low_leakage_charge_recycling_technique_for_power_minimization_in_CNTFET_circuits
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://www.researchgate.net/publication/328850195_Optimal_relocating_of_compensators_for_real-reactive_power_management_in_distributed_systems
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	https://www.ingentaconnect.com/content/asp/jctn/2018/00000015/00000005/art00006;jsessionid=4uisk4s25elt1.x-ic-live-01
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/article/JAKO201835858341873.page
“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	https://www.researchgate.net/publication/324841880_Modelling_and_Implementation_of_Cascaded_Multilevel_Inverter_as_Solar_PV_Based_Microinverter_Using_FPGA
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/index.php/jee/article/view/WS1509364596W5917137426b78

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	https://www.emerald.com/insight/content/doi/10.1108/IJESM-07-2016-0001/full/html
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/content/doi/10.1108/IJQRM-03-2017-0039/full/html
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/doi/abs/10.1002/etep.2591
Multi-Fuel Energy Source Dispatch Considering Bi-Objectives Using Ant Lion Algorithm	Balachandar Pandiyan ., Sivarajan Ganesan ., Nadanasabapathy Jayakumar ., Srikrishna Subramanian .,	Electrical and Electronics Engineering	International Journal of Energy Sector Management	2018-2019	1750-6239	https://www.emerald.com/insight/content/doi/10.1108/IJESM-12-2016-0004/full/html
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://www.academia.edu/87787228/Thermal_Unit_Commitment_Problem_along_with_Wind_Power_Generation_by_Considering_Generator_Outages?uc-g-sw=101569003
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	https://www.emerald.com/insight/content/doi/10.1108/WJE-06-2017-0145/full/html
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://doi.org/10.31557%2FAPJCP.2018.19.11.3203
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/document/8611340
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/article/10.1007/s10586-017-1177-9
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/article/10.1007/s10586-017-1177-9
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	https://www.ijeat.org/wp-content/uploads/papers/v8i5/E7870068519.pdf
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	https://www.ijrte.org/wp-content/uploads/papers/v7i5s4/E11710275S419.pdf
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/article/10.1007/s42835-018-00036-2
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	https://www.ingentaconnect.com/contentone/asp/jctn/2019/0000016/00000004/art00007
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.tandfonline.com/doi/abs/10.1080/1448837X.2019.1627738
Phasor Measuring Unit (Pmu) Placement Tested With Multiple Line Outages For Power System Data Communications	V Shanmugam ., S Ganesan ., S Subramanian ., M Hariprasath .,	Electrical and Electronics Engineering	Journal of Computational and Theoretical Nanoscience	2018-2019	1546-1963	https://www.ingentaconnect.com/contentone/asp/jctn/2019/0000016/00000004/art00014
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/doi/pdf/10.1177/1847979018818320#:~:text=The%20planned%20model%20is%20designed,of%20the%20proposed%20GTEP%20model
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/doi/10.1177/0020720919828993
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/article/10.1007/s10916-018-1089-0
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/article/10.1007/s10836-018-5748-3

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/article/10.1007/s10836-018-5742-9
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	https://link.springer.com/article/10.1007/s11277-018-5384-3
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/doi/abs/10.1142/S0218126619501500
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/article/84349
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/article/10.1007/s10586-018-2249-1
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/chapters/edit/10.1201/9780429446030-11/fetal-standard-plane-detection-freehand-ultrasound-using-multi-layered-extreme-learning-machine-jayanthi-sree-vasanthanayaki
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/chapter/10.1007/978-3-030-00665-5_40
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/article/10.1007/s11042-019-7724-z
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/article/10.1007/s10586-018-1786-y
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/doi/full/10.1080/03772063.2018.1535920
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	https://iopscience.iop.org/article/10.1088/2053-1591/aad72d/meta
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/doi/full/10.1080/17458080.2018.1491066
A Review On Performance, Emission And Combustion Characteristics Of A Diesel Engine Fuelled With Various Vegetable Oil	Dr. R. Vijayan	Mechanical Engineering	Journal of Experimental Nanoscience	2018-2019	0975-0991	http://nopr.niscair.res.in/handle/123456789/44570
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/doi/abs/10.1080/15435075.2018.1464923
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/science/article/abs/pii/S2214785317327426?via%3Dihub
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/36ff4a142dec9609,2890239e4262b8d7,0151a85e3af89ab1.html#
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/article/10.1007/s12666-018-1381-1
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/info/inarticle.php?artid=93243
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	https://www.scribd.com/document/430907810/IJREATV6I2013
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://issuu.com/tjprc/docs/42ijmperdapr201942
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://www.researchgate.net/publication/327174324_Experimental_investigation_of_drilling_parameters_and_mechanical_behaviour_in_glass_fiber_with_phenolic_resin_composites
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/science/article/pii/S1110016817302545#:~:text=The%2013%20C2%20BOC%20inlet,90%20C2%20BOC%20operated%20engine.

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/article/10.1007/s11356-018-1558-5
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/science/article/abs/pii/S019689041830058X
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/fileservice.php?FID=12943
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/science/article/abs/pii/S0196890418303352
Prediction Of Emissions And Performance Of A Diesel Engine Fuelled 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/science/article/abs/pii/S0959652618305262
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.cabidigitallibrary.org/doi/full/10.5555/20183379091
Effect Of Electrical Discharge Coating On Ze41a Magnesium Alloy Using Sintered Wc/Cu Composite	U. Elaiyaranan ., V. Satheshkumar ., C. Senthilkumar .,	Mechanical Engineering	Journal of Advanced Microscopy Research	2018-2019	2156-7573	https://www.ingentaconnect.com/content/asp/jamr/2018/00000013/00000003/art00014;jsessionid=1q3t12affd94r.x-ic-live-01
Modeling Of Electrical Discharge Coating Parameters Using Artificial Neural Network	U. Elaiyaranan ., V. Satheshkumar ., C. Senthilkumar .,	Mechanical Engineering	Journal of Advanced Microscopy Research	2018-2019	2156-7573	https://www.ingentaconnect.com/contentone/asp/jamr/2018/00000013/00000001/art00012
Experimental Analysis Of Electrical Discharge Coating Characteristics Of Magnesium Alloy Using Response Surface Methodology	U Elaiyaranan ., V Satheshkumar ., C Senthilkumar .,	Mechanical Engineering	Materials Research Express	2018-2019	2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/aad11f
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	Influence of Corrugated Booster Reflectors in a Centrally Finned Twist Inserted Solar Thermal Collector on Heat Transfer and Thermal Performance Characteristics
Investigation Of Modified Horizontal Wing Cut Twisted Tapes Fitted With Rod And Spacer At Trailing Edge On Heat Transfer Properties In Double Glazing V-Trough Solar Water Heaters	Dr. R. Vijayan	Mechanical Engineering	International Journal of Green Energy	2018-2019	1543-5083	https://doi.org/10.1080/15435075.2019.1590840
Performance Enhancement Of Centrally Finned Twist Inserted Solar Collector Using Corrugated Booster Reflectors	Dr. R. Vijayan	Mechanical Engineering	Energy/ScienceDirect.	2018-2019	1873-6785	Performance enhancement of centrally finned twist inserted solar collector using corrugated booster reflectors - ScienceDirect
Hydrogen Anti-Flaking Heat Treatment In Var89s Rail Steel	D. Ravichandar ., T. Balusamy ., G. Balachandran .,	Mechanical Engineering	Transactions of the Indian Institute of Metals	2018-2019	0972-2815	https://link.springer.com/article/10.1007/s12666-019-01747-4
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/article/10.1007/s10973-018-7913-4#:~:text=In%20this%20study%2C%20the%20single,to%20predict%20more%20precise%20results.
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/article/10.1007/s10973-018-7913-4#:~:text=In%20this%20study%2C%20the%20single,to%20predict%20more%20precise%20results.
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/doi/full/10.1080/15567036.2018.1544997#:~:text=Octanol%20was%20found%20to%20deliver,both%20SME%20and%20n%20Octanol.
Performance And Emission Study Of A Single Cylinder Diesel Engine Fuelled With N-Octanol/Wpo With Some Modifications	Melvin Victor De Poures ., Sathiyagnanam A.P ., Dipak Rana ., Rajesh Kumar Babu ., Saravanan Subramani ., Balaji Sethuramasamyraja ., Damodharan D. .,	Mechanical Engineering	International Journal of Ambient Energy	2018-2019	2162-8246	https://www.tandfonline.com/doi/abs/10.1080/01430750.2018.1563824#:~:text=With%20reference%20to%20diesel%20operation,specific%20energy%20consumption%20(BSEC).

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.;Sathyagnanam 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/doi/abs/10.1080/15567036.2019.1604853
Prediction And Optimization Of Engine Characteristics Of A Di Diesel Engine Fueled With Cyclohexanol/Diesel Blends	Sathyagnanam 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/doi/abs/10.1080/15567036.2019.1607923
Wear Mechanism Map Of Magnesium Alloy Coated With Wc/Cu Electrode Using Electro Discharge Alloying	U Elaiyarasan, V Satheeshkumar, C Senthilkumar	Mechanical Engineering	Journal of Manufacturing Engineering	2018-2019	0973-6867	https://smenec.org/index.php/1/article/view/73
A Study On Wear Behaviour Of Electrical Discharge-Coated Magnesium Alloy	U. Elaiyarasan ., V. Satheeshkumar ., C. Senthilkumar .,	Mechanical Engineering	Journal of Bio- and Tribo-Corrosion	2018-2019	2198-4239	https://link.springer.com/article/10.1007/s40735-019-0222-z
Experimental Investigation Of The Solar Still With The Diverse Absorber Plate Configurations Using Energy Storing Materials	Prabakar Jeevanandam ., Balusamy Thangavel .,	Mechanical Engineering	Thermal Science	2018-2019	2334-7163	https://www.researchgate.net/publication/337271561_Experimental_investigation_of_the_solar_still_with_the_diverse_absorber_plate_configurations_using_energy_storing_materials
Prediction And Optimization Of Engine Characteristics Of A Di Diesel Engine Fueled With Cyclohexanol/Diesel Blends	Gopal K.;Sathyagnanam 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/doi/abs/10.1080/15567036.2019.1607923
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.;Sathyagnanam 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/doi/full/10.1080/15567036.2019.1604888
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
Performance And Emission Study Of A Single Cylinder Diesel Engine Fuelled With N-Octanol/Wpo With Some Modifications	Damodharan D.;Gopal K.;Sathyagnanam A.P.;Rajesh Kumar B.;Depoures M.V.;Mukilarasan N.	Mechanical Engineering	International Journal of Ambient Energy	2018-2019	2162-8246	https://www.researchgate.net/publication/329925269_Performance_and_emission_study_of_a_single_cylinder_diesel_engine_fueled_with_n-octanolWPO_with_some_modifications
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/article/10.1088/1757-899X/314/1/012003/pdf
Optimization Of Friction And Wear Behaviour Of Al7075-Al²/Al³/In⁴/In^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/article/10.1088/1757-899X/314/1/012025/pdf
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/article/10.1088/1757-899X/314/1/012003/pdf
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	Influence of SiC Nanoparticle Reinforcement on FSS Welded 6061-T6 Aluminum Alloy (researchgate.net)
Optimization Of Friction And Wear Behaviour Of Al7075-Al²-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
Friction Stir Welding Of Aa5052 & Aa6061 Aluminium Alloy By Using Taguchi Method	S.Dhanalakshmi, P.Sundararaj, P.Ashok	Metallurgical Engineering	International Research Journal of Engineering and Technology	2018-2019	2395-0056	https://www.irjet.net/archives/V6/i3/IRJET-V6I31331.pdf
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	https://www.sciencedirect.com/science/article/abs/pii/S221478532033769X
Optimization of process parameters for friction stir spot welding of AA6061/Al²/Al³ 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?redirectedFrom=fulltext
Influence Of Tool Rotational Speed On The Properties Of Friction Stir Spot Welded Aa7075-T6/Al² Composite Joint	Suresh S.;Venkatesan K.;Natarajan E.;Rajesh S.	Metallurgical Engineering	Materials Today: Proceedings	2018-2019	1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/314/1/012025/meta
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/doi/abs/10.1002/slct.201802346

Facile One-Pot Synthesis Of Flower Like Cobalt Oxide Nanostructures On Nickel Plate And Its Supercapacitance Properties	Kandasamy, N and Venugopal, T and Kannan, K	Chemistry	Journal of Nanoscience and Nanotechnology	2018-2019	1533-4880	https://pubmed.ncbi.nlm.nih.gov/29442732/
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/2018/9372804/
Removal Of Zinc From Synthetic Waste Water By Activated Carbon Prosopis Juliflora	Zulfareen, N and Venugopal, T and Sajitha, I	Chemistry	International Journal of Advanced Science and Engineering	2018-2019	2455-9288	https://www.researchgate.net/publication/326229435_Removal_of_Zinc_from_Synthetic_Waste_Water_by_Activated_Carbon_Prosopis_Juliflora
Emancipation Of Women In Anita Desai's "Where Shall We Go This Summer"	P. Sakthivel and Dr. P. Santhi	English	Language in India	2018-2019	1930-2940	http://www.languageinindia.com/march2018/auseminar1/auseminar2018volume1.pdf
Quest For Identity In Select Novels Of Shashi Deshpande	P. Sakthivel and Dr. P. Santhi	English	BODHI International Journal of Research in Humanities, Arts and Science (An Online, Peer reviewed, Refereed and Quarterly Journal)	2018-2019	2456-5571	https://www.academia.edu/35527011/QUEST_FOR_IDENTITY_IN_SHASHI_DESHPANDE_S_FICTION
Synthesis And Characterization Of Silica From Zea Mays	G Deepana, D Shobarajkumar, C Subha, S Sasipriya	Civil Engineering	International Journal of Engineering Research and Technology	2019-2020	3027-1770	https://link.springer.com/article/10.1007/s11709-019-0528-4
Simulation Of Flexural Behaviour And Design Of Cold-Formed Steel Closed Built-Up Beams Composed Of Two Sigma Sections For Local Buckling	M. Anbarasu	Civil Engineering	Engineering Structures	2019-2020	0141-0296	https://www.sciencedirect.com/science/article/abs/pii/S0141029618340823
Effect Of Angle Stiffeners On The Flexural Strength And Stiffness Of Cold-Formed Steel Beams	Dar M.A.,M Anbarasu	Civil Engineering	Steel and Composite Structures	2019-2020	598-6233	https://www.technopress.org/content/?page=article&journal=scs&volume=33&num=2&ordernum=5
Structural Behavior Of Intermediate Length Cold-Formed Steel Rack Columns With C-Stitches	Anbarasu M.	Civil Engineering	Frontiers of Structural and Civil Engineering	2019-2020	2095-2449	https://www.technopress.org/content/?page=article&journal=scs&volume=33&num=2&ordernum=5
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.researchgate.net/publication/337628899_Experimental_investigation_on_different_high_rich_cement_mortar_for_ferrocement_application
Axial Capacity Of Cfs Built-Up Columns Comprising Of Lipped Channels With Spacers: Nonlinear Response And Design	Anbarasu M.	Civil Engineering	Engineering Structures	2019-2020	0141-0296	https://www.sciencedirect.com/science/article/abs/pii/S0141029619344189
Efficient Cross-Sectional Profiling Of Built Up Cfs Beams For Improved Flexural Performance	Dar M.A.,M Anbarasu	Civil Engineering	Steel and Composite Structures	2019-2020	598-6233	https://www.technopress.org/content/?page=article&journal=scs&volume=34&num=3&ordernum=2
Flexural Strength Of Cold-Formed Steel Built-Up Composite Beams With Rectangular Compression Flanges	Adil Dar M.,M. Anbarasu,M. Anbarasu	Civil Engineering	Steel and Composite Structures	2019-2020	598-6233	https://www.technopress.org/content/?page=article&journal=scs&volume=34&num=2&ordernum=1
Improved Design Procedure For Battened Cold-Formed Steel Built-Up Columns Composed Of Lipped Angles	Anbarasu M.	Civil Engineering	Journal of Constructional Steel Research	2019-2020	1873-5983	https://www.sciencedirect.com/science/article/abs/pii/S0143974X19309691
Behaviour Of Cold-Formed Steel Built-Up Battened Columns Composed Of Four Lipped Angles: Tests And Numerical Validation	M Anbarasu	Civil Engineering	Advances in Structural Engineering	2019-2020	2048-4011	https://www.sciencedirect.com/science/article/abs/pii/S0141029619344189
Importance Of Signal Processing Cues In Transcription Correction For Low Resource Indian Languages	Jeena J. Prakash ., Golda Brunet Rajan ., Hema A. Murthy .,	Computer Science and Engineering	ACM Transactions on Asian and Low-Resource Language Information Processing	2019-2020	2375-4702	https://dl.acm.org/doi/abs/10.1145/3342352#:~:text=Low%20digital%20resources%20accompanied%20with,manually%20until%20recently%20%5B5%5D.
A Dynamic Technique To Enhance Quality Of Service In Software-Defined Network-Based Wireless Sensor Network (Dteqt) Using Machine Learning	S. Ananth ., A. M. Kalpana ., R. Vijayarajeswari .,	Computer Science and Engineering	International Journal of Wavelets, Multiresolution and Information Processing	2019-2020	1793-690X	https://www.worldscientific.com/doi/abs/10.1142/S0219691319410200
Performance Analysis Of A Highly Efficient Dual Output Buck Converter With Zvs Operation For Led Lighting Applications	S. Shameer and D. Murali	Electrical and Electronics Engineering	Journal of Electrical Engineering	2019-2020	1582-4594	http://www.jee.ro/index.php/jee/article/view/WL1520956144W5aa7f2f09307c
Parallel-Charge-Series-Discharge Inductor-based Voltage Boosting Technique Applied to a Rectifier-fed Positive Output DC-DC Converter	S. Annapurani and D. Murali	Electrical and Electronics Engineering	Journal of Applied Research and Technology	2019-2020	1665-6423	https://www.redalyc.org/journal/474/47471674001/html/
Performance Analysis Of A Non-Inverting Dc-Dc Buck-Boost Converter With Pi Controller	M. Sowmiya and D. Murali	Electrical and Electronics Engineering	International Journal of Emerging Technologies in Engineering Research	2019-2020	2454-6410	https://ijeter.everscience.org/Manuscripts/Volume-7/Issue-7/Vol-7-issue-7-M-02.pdf

Analysis Of A Reduced Switch Count Single Phase Cascaded H-Bridge 33-Level Inverter Topology With Asymmetrical Configuration Of Dc Sources	D. Murali and M. Bhuvaneshwaran	Electrical and Electronics Engineering	International Journal of Innovations in Engineering and Technology	2019-2020	2319-1058	https://www.researchgate.net/publication/334964246_Analysis_of_a_Reduced_Switch_Count_Single_Phase_Cascaded_H-Bridge_33-level_Inverter_Topology_with_Asymmetrical_Configuration_of_DC_Sources
A High Voltage Gain Step-Up Resonant Dc-Dc Converter Topology With Reduced Switch Count	A. Sowmya and D. Murali	Electrical and Electronics Engineering	International Journal for Modern Trends in Science and Technology	2019-2020	2455-3778	https://typeset.io/pdf/a-high-voltage-gain-step-up-resonant-dc-dc-converter-3r9ov4a9i0.pdf
A High Voltage Gain Rectifier-Fed Two-Stage Step-Up Dc-Dc Converter With Pi Controller	D. Murali and S. Annapurani	Electrical and Electronics Engineering	International Journal of Engineering Applied Sciences and Technology	2019-2020	2455-2143	https://www.ijeast.com/papers/160-164,Tesma408,IJEAST.pdf
Matlab / Simulink Study And Implementation Of Smc For Two-Level Cascaded Positive Output Boost Converter	R. Saktheswaran, D. Murali and K. Ramash Kumar	Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019-2020	2280-2292	https://www.researchgate.net/publication/358276942_MATLABSimulink_Study_and_Implementation_of_SMC_for_Two-Level_Cascaded_Positive_output_Boost_Converter
Fuzzy Model Predictive Control For Grid Tied Inverter With Multiport Renewable Energy Systems	Kathiravan P., Govindaraju C.,	Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering	2019-2020	2278-3075	https://www.ijitee.org/wp-content/uploads/papers/v8i11/K23280981119.pdf
Hydroponic-Based Smart Irrigation System Using Internet Of Things	Dr. Govindaraju C	Electrical and Electronics Engineering	International Journal of Communication Systems	2019-2020	1099-1131	https://onlinelibrary.wiley.com/doi/10.1002/dac.4071
Design Of Grid Tied Bi-Directional Inverter For Battery Energy Storage System	Dr. Govindaraju C	Electrical and Electronics Engineering	International Journal of Electrical Engineering & Technology	2019-2020	0976-6545	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3536790
Design And Analysis Of Quasi Cascaded Multi-Level Inverter	Dr. Govindaraju C	Electrical and Electronics Engineering	International Journal of Electrical Engineering & Technology	2019-2020	0976-6545	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3536793
Experimental Validation Of Multi-Loop Controllers For Two-Level Cascaded Positive Output Boost Converter	R. Saktheswaran and D. Murali	Electrical and Electronics Engineering	Journal of Power Electronics (Springer)	2019-2020	2093-4718	https://link.springer.com/article/10.1007/s43236-020-00035-5
Flower Pollination Algorithm For Distribution System Phase Balancing Considering Variable Demand	G. Mahendran., C. Govindaraju.,	Electrical and Electronics Engineering	Microprocessors and Microsystems	2019-2020	1872-9436	https://www.sciencedirect.com/science/article/abs/pii/S0141933119306489
Development Of A Power Management Algorithm For Pv/Battery Powered Plug-In Dual Drive Hybrid Electric Vehicle (Ddhev)	Jawaharlal Kumaresan., Chinnathambi Govindaraju.,	Electrical and Electronics Engineering	Electric Power Components and Systems	2019-2020	1532-5016	https://www.tandfonline.com/doi/full/10.1080/15325008.2020.1736212
Evaluation Of Lightning Impulse Voltages Superimposed With Oscillations And Overshoot Using Test Voltage Function	Ashokaraju,D and Gopinath, C	Electrical and Electronics Engineering	ADB Journal of Engineering Technology	2019-2020	2348-7305	https://journals.dbuniversity.ac.in/ojs/index.php/AJET/article/view/1488
Phasor Measuring Unit Calibration Considering Topology Expansion Of Electric Power Utilities	Shanmugam Veeramuthu., Ganesan Sivarajan., Subramanian Srikrishna.,	Electrical and Electronics Engineering	Journal of Measurements in Engineering	2019-2020	2424-4635	https://www.extrica.com/article/21193
Integrated Predictive Control And Fault Diagnosis Algorithm For Single Inductor-Based Dc-Dc Converters For Photovoltaic Systems	Venkateswaran M., Govindaraju C., Santhosh T.K.,	Electrical and Electronics Engineering	Circuit World	2019-2020	0305-6120	https://www.researchgate.net/publication/341942736_Integrated_predictive_control_and_fault_diagnosis_algorithm_for_single_inductor-based_DC-DC_converters_for_photovoltaic_systems
Particle Swarm Optimization-Based Energy Efficient Target Tracking In Wireless Sensor Network	Parvin J.,Vasanthanayaki C.	Electronics and Communication Engineering	Measurement: Journal of the International Measurement Confederation	2019-2020	1873-412X	https://www.sciencedirect.com/science/article/abs/pii/S0263224119307390?via%3Dihub
Particle Swarm Optimization-Based Energy Efficient Target Tracking In Wireless Sensor Network	Dr. C. Vasanthanayaki	Electronics and Communication Engineering	Journal of the International Measurement Confederation	2019-2020	0263-2241	https://www.sciencedirect.com/science/article/abs/pii/S0263224119307390
Dynamic Signal Driving Strategy Based High Speed And Low Powered Dual Edge Triggered Flip Flop Design Used Memory Applications	M. Prithivi Raj., G. Kavithaa.,	Electronics and Communication Engineering	Microprocessors and Microsystems	2019-2020	1872-9436	https://www.sciencedirect.com/science/article/abs/pii/S0141933119302923
An Architectural Framework For Iot-Based Smart Farming	P Deepthi, M Priadarsini, M Dhinakaran	Electronics and Communication Engineering	Internet of Everything: Smart Sensing Technologies	2019-2020	1872-7107	https://edepot.wur.nl/499562
An Architectural Framework For Iot-Based Smart Farming	P Deepthi, M Priadarsini, M Dhinakaran	Electronics and Communication Engineering	Internet of Everything: Smart Sensing Technologies	2019-2020	1872-7107	https://edepot.wur.nl/499562
An Architectural Framework For Iot-Based Smart Farming	P Deepthi, M Priadarsini, M Dhinakaran	Electronics and Communication Engineering	Internet of Everything: Smart Sensing Technologies	2019-2020	1872-7107	https://edepot.wur.nl/499562
Texture-Based Fuzzy Connectedness Algorithm For Fetal Ultrasound Image Segmentation For Biometric Measurements	Jayanthi Sree S.,Vasanthanayaki C.	Electronics and Communication Engineering	Advances in Intelligent Systems and Computing	2019-2020	2194-5365	https://link.springer.com/chapter/10.1007/978-981-15-0035-0_8

Network Condition Based Multi-Level Image Compression And Transmission In Wsn	Jamuna Rani M.;Vasanthanayaki C.	Electronics and Communication Engineering	Computer Communications	2019-2020	1873-703X	https://www.sciencedirect.com/science/article/abs/pii/S0140366419308205?via%3Dihub
Hsi Model-Based Image Dehazing For Remote Sensing Images	Jothin R.;Vasanthanayaki C.	Electronics and Communication Engineering	Journal of Signal Processing Systems	2019-2020	0974-3006	https://link.springer.com/article/10.1007/s12524-019-01084-5
Secure Medical Health Care Content Protection System (Smcps) With Watermark Detection For Multi Cloud Computing Environment	Bibi N.A.;Vasanthanayaki C.	Electronics and Communication Engineering	Journal of the Indian Society of Remote Sensing	2019-2020	1573-7721	https://link.springer.com/article/10.1007/s11042-019-7724-z
High Performance Four Segment Error Tolerant Adder For 8-Bit Pixel Depth Image Processing Applications	Dr. C. Vasanthanayaki	Electronics and Communication Engineering	Journal of Signal Processing Systems	2019-2020	1939-8115	https://link.springer.com/article/10.1007/s11265-020-01528-z
Reliability Enhancement Of A Power Semiconductor With Optimized Solder Layer Thickness	Elakkiya R ., G. Kavithaa ., Vahid Samavatian ., K. Alhaifi ., Alireza Kokabi ., Hossein Moayed .,	Electronics and Communication Engineering	IEEE Transactions on Power Electronics	2019-2020	1941-0107	https://ieeexplore.ieee.org/abstract/document/8892671
Time Situate Recurrence Estimation Technique For Efficient Data Collection In War Field Sensor Network	A Sangeetha ., M. Chandrasekaran ., G Kavithaa .,	Electronics and Communication Engineering	Microprocessors and Microsystems	2019-2020	1872-9436	https://www.sciencedirect.com/science/article/abs/pii/S0141933119306969
Memristor Based High Speed And Low Power Consumption Memory Design Using Deep Search Method	M. Prithivi Raj ., G. Kavithaa .,	Electronics and Communication Engineering	Journal of Ambient Intelligence and Humanized Computing	2019-2020	1868-5145	https://link.springer.com/article/10.1007/s12652-020-01817-2
Authenticated Data Recovery Of A Brain Dead Patient Using Iot	M. Dhinakaran	Electronics and Communication Engineering	International Journal on Applications in Engineering and Technology	2019-2020	2455 - 0523	https://drive.google.com/file/d/1qDFcXpu4JISV7Bw2GwawWZBLm3Vg-ATB/view
Authenticated Data Recovery Of A Brain Dead Patient Using Iot	Prof. P. Deepthi	Electronics and Communication Engineering	International Journal on Applications in Engineering and Technology	2019-2020	2455 - 0523	https://drive.google.com/file/d/1qDFcXpu4JISV7Bw2GwawWZBLm3Vg-ATB/view
Multilevel Tetrolet Transform Based Breast Cancer Classifier And Diagnosis System For Healthcare Applications	P. Indra ., M. Manikandan .,	Electronics and Communication Engineering	Journal of Ambient Intelligence and Humanized Computing	2019-2020	1868-5145	https://link.springer.com/article/10.1007/s12652-020-01755-z
Memristor Based High Speed And Low Power Consumption Memory Design Using Deep Search Method	M. Prithivi Raj ., G. Kavithaa .,	Electronics and Communication Engineering	Journal of Ambient Intelligence and Humanized Computing	2019-2020	1868-5145	https://link.springer.com/article/10.1007/s12652-020-01817-2
Improving Performance Of A Trapezoidal-Trough Thermosyphon Solar Collector Using Peripherally Wing-Cut Swirl Generator	Dr. R. Vijayan	Mechanical Engineering	International Journal of Green Energy	2019-2020	1543-5083	https://www.tandfonline.com/doi/full/10.1080/15435075.2019.1671395
Experimental Analysis Of A Vapour Compression Refrigeration System By Using Nano Refrigerant (R290/R600a/Al2o3)	Dr. R. Vijayan	Mechanical Engineering	AIP Conference proceedings	2019-2020	1551-7616	https://doi.org/10.1063/1.5117995
Analysis Of Vibration Signal Responses On Pre Induced Tunnel Defects In Friction Stir Welding Using Wavelet Transform And Empirical Mode Decomposition	J. Rabi ., T. Balusamy ., R. Raj Jawahar .,	Mechanical Engineering	Defence Technology	2019-2020	2096-3459	https://www.sciencedirect.com/science/article/pii/S2214914718306512
Behaviour Of Hydrogen During The Manufacture Of Rail Steels	D. Ravichandar ., T. Balusamy ., G. Balachandran .,	Mechanical Engineering	Transactions of the Indian Institute of Metals	2019-2020	0972-2815	https://link.springer.com/article/10.1007/s12666-019-01798-7#:~:text=The%20hydrogen%20behaviour%20from%20liquid,0.78%20and%201.43%20ppm%20H.
Fibre-Metal Laminates: A Review Of Reinforcement And Formability Characteristics	K. Kavitha ., R. Vijayan ., T. Sathishkumar .,	Mechanical Engineering	Materials Today: Proceedings	2019-2020	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785319332237?via%3Dihub
Forecasting Energy Consumption In Tamilnadu Using Hybrid Hueristic Based Regression Model	Sakunthala K, Iniyan S & Mahalingam S	Mechanical Engineering	Thermal Science	2019-2020	2683-3867	https://doiserbia.nb.rs/img/doi/0354-9836/2019/0354-98361800085S.pdf
Performance Analysis Of Solar Water Heater Integrated With Sodium Acetate Trihydrate As Phase Change Material	C. Madan raj, K. Sakunthala, V. Arul S.Mahalingam	Mechanical Engineering	International Journal of Research and Innovation in Engineering Technology	2019-2020	2394 - 4854	https://www.academia.edu/38439516/PERFORMANCE_ANALYSIS_OF_SOLAR_WATER_HEATER_INTEGRATED_WITH_SODIUM_ACETATE_TRIHYDRATE_AS_PHASE_CHANGE_MATERIAL
Comparative Account Of The Effects Of Two High Carbon Alcohols (C5 & C6) On Combustion, Performance And Emission Characteristics Of A Di Diesel Engine	Sathiyagnanam A. P., Melvin Victor De Poures	Mechanical Engineering	International Journal of Energy Sources, Part A: Recovery, Utilization, and Environmental Effects (Taylor & Francis)	2019-2020	1556-7036	https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1604888
Surface Modification Of Ze41a Magnesium Alloy Using Electrical Discharge Coating With Semi Sintered Electrode	U. Elaiyaran ., V. Satheeshkumar ., C. Senthilkumar .,	Mechanical Engineering	International Journal of Machining and Machinability of Materials	2019-2020	1748-572X	https://www.inderscienceonline.com/doi/abs/10.1504/IJMMM.2019.103134
Microstructure Study On Electro Discharge Deposited Magnesium Alloy With Semi Sintered And Sintered Electrode	U Elaiyaran ., V Satheeshkumar ., C Senthilkumar .,	Mechanical Engineering	Materials Research Express	2019-2020	2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab560e/meta#:~:text=Comparative%20microstructure%20study%20on%20electrical,deposition%20rate%20and%20micro%20hardness.

Multi-Response Optimisation Of Electrochemical Machining Process Parameters By Harmony Search-Desirability Function Optimiser	Solaiyappan Ayyappan	Mechanical Engineering	International Journal of Manufacturing Technology and Management	2019-2020	20000000	https://www.inderscienceonline.com/doi/abs/10.1504/IJMTM.2020.108017
Numerical Investigation Of Heat Transfer Enhancement In A Narrow Rectangular Channel With Wings	Sivalakshmi S, Raja M and Santhoshini S.,	Mechanical Engineering	International journal of Ambient Energy	2019-2020	2162-8246	https://www.sciencedirect.com/science/article/abs/pii/S1290072919308920#:~:text=The%20numerical%20results%20indicate%20that,24%25%20at%20Re%20%3D%206000.
Numerical Investigation Of Heat Transfer Enhancement In A Narrow Rectangular Channel With Wings	Sivalakshmi S, Raja M and Santhoshini S.,	Mechanical Engineering	International journal of Ambient Energy	2019-2020	2162-8246	https://www.sciencedirect.com/science/article/abs/pii/S1290072919308920#:~:text=The%20numerical%20results%20indicate%20that,24%25%20at%20Re%20%3D%206000.
Thermal Augmentation In Parabolic Trough Collector Solar Water Heater Using Rings Attached Twisted Tapes	Suresh Isravel R.;Raja M.;Saravanan S.;Vijayan V.	Mechanical Engineering	Materials Today: Proceedings	2019-2020	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785319312416
Enhance The Performance And Emission Control Of A Variable Compression Ratio Engine Fuelled With Pongamia Pinnata Biodiesel	Karthikeyan Subramanian, A.P.Sathiyagnanam, D.Dhamodharan and S.Aravinth	Mechanical Engineering	International Journal of Advanced Science and Technology	2019-2020	2207-6360	http://sersc.org/journals/index.php/IJAST/article/view/20119
Parametric Effect On Electrical Discharge Treatment Of Magnesium Alloy With Powder Composite Electrode	U. Elaiyaranas ., V. Satheshkumar ., C. Senthilkumar .,	Mechanical Engineering	SN Applied Sciences	2019-2020	3004-9261	https://link.springer.com/article/10.1007/s42452-020-2184-7
On The Assessment Of Microhardness And Microstructure Of Electro Discharge Coated Magnesium Alloy	U. Elaiyaranas, V. Satheshkumar, C. Senthilkumar, V. Navaneethakrishnan	Mechanical Engineering	Emerging Trends in Engineering and Technology	2019-2020	2249-6149	https://www.researchgate.net/profile/Rajashkekher-Koyveda/publication/359920005_E_-_Book_-_ETET_2020_chapter15_page_no_199/links/6256833abbf2027a7cb62344/E-Book-ETET-2020-chapter15-page-no-199.pdf#page=224
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.	Metallurgical Engineering	international journal of health sciences	2019-2020	2158-5857	https://www.sciencedirect.com/science/article/abs/pii/S221478532033769X
Optimization Of Process Parameters For Friction Stir Spot Welding Of Aa6061/Al-Inf>2</Inf>-O<Inf>3</Inf> By Taguchi Method	Suresh S.;Venkatesan K.;Rajesh S.	Metallurgical Engineering	AIP Conference Proceedings	2019-2020	1551-7616	https://pubs.aip.org/aip/acp/article-abstract/2128/1/030018/841356/Optimization-of-process-parameters-for-friction?redirectedFrom=fulltext
Process Parameter Optimization And Characterization Studies Of Dissimilar Friction Stir Welded Advancing Side Aa6082-T6 With Retreating Side Aa2014-T87	K.T. Thilagam ., S. Muthukumaran .,	Metallurgical Engineering	Materials Today: Proceedings	2019-2020	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785319335539
Process Parameter Optimization And Characterization Of Friction Stir Welded Advancing Side Aa6082-T6 With Retreating Side Aa7075-T651	K.T. Thilagam ., S. Muthukumaran .,	Metallurgical Engineering	Materials Today: Proceedings	2019-2020	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785319333516
Effect Of Welding Parameters On Joint Strength Of Rotary Friction Welded Uns S31803 Tubes	Kumar M.D.;Palani P.K.;Karthik V.	Metallurgical Engineering	Materials Today: Proceedings	2019-2020	1757-899X	https://www.sciencedirect.com/science/article/abs/pii/S2214785320327760
Characterization Studies On Weld Strength Of Rotary Friction Welded Austenitic Stainless Steel Tubes	Deepak Kumar Madhappan	Metallurgical Engineering	Materials Today: Proceedings	2019-2020	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785320348562?via%3Dihub
Effect Of Welding Parameters On Joint Strength Of Rotary Friction Welded Uns S31803 Tubes	M Deepak Kumar	Metallurgical Engineering	Materials Today: Proceedings	2019-2020	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785320327760
Analysis of Performance And Emission Characteristics of Biodiesel Using Cotton Seed Oil	Gowthaman G	Metallurgical Engineering	International Journal for Science and Advance Research In Technology	2019-2020	2395-1052	https://ijsart.com/Content/PDFDocuments/IJSARTV6I537700.pdf
Synthesis, Structural, Dft Investigations And Antibacterial Activity Assessment Of Pyrazoline-Thiocyanatoethanone Derivatives As Thymidylate Kinase Inhibitors	Dr.K.Saranya	Physics	Journal of the Chinese Chemical Society	2019-2020	2192-6549	https://onlinelibrary.wiley.com/doi/abs/10.1002/jccs.201900363
Removal Of Cadmium(Ii) From Water Using Modified Citrus Limettioides Peels: Thermodynamic And Isotherm Studies	P. Janaki ., R. Sudha ., T.S. Sribharathi ., P. Anitha ., K. Poornima ., P. Premkumar .,	Chemistry	Asian Journal of Chemistry	2019-2020	0970-7077	https://www.semanticscholar.org/paper/Removal-of-Cadmium%28Ii%29-from-Water-using-Modified-Janaki-Sudha/2af5261a3bb63aaba178b5f673346b01cc56dd80
Removal Of Cadmium(Ii) From Water Using Modified Citrus Limettioides Peels: Thermodynamic And Isotherm Studies	P. Janaki ., R. Sudha ., T.S. Sribharathi ., P. Anitha ., K. Poornima ., P. Premkumar .,	Chemistry	Asian Journal of Chemistry	2019-2020	0970-7077	https://www.semanticscholar.org/paper/Removal-of-Cadmium%28Ii%29-from-Water-using-Modified-Janaki-Sudha/2af5261a3bb63aaba178b5f673346b01cc56dd80
Cadmium(Ii) Removal From Aqueous Solution Using A Novel Magnetic Nanoparticle Impregnated Onto Citrus Hystrix Leaves	Swaminathan Sribharathi ., Panneerselvam Anitha ., Ramasamy Sudha ., Krishnan Poornima ., Gurusamy Kavitha .,	Chemistry	Desalination and Water Treatment	2019-2020	1944-3986	https://www.deswater.com/DWT_abstracts/vol_196/196_2020_388.pdf
Removal Efficiency Of Cadmium(Ii) From Electroplating Wastewater By Chemically Modified Cottonseed Cake Carbon	S. Malathi ., R. Sudha ., P. Anitha ., P. Maheswari ., M. Gomathi ., K. Poornima .,	Chemistry	Desalination and Water Treatment	2019-2020	1944-3986	https://www.deswater.com/DWT_abstracts/vol_196/196_2020_377.pdf

Removal Efficiency Of Cadmium(Ii) From Electroplating Wastewater By Chemically Modified Cottonseed Cake Carbon	S. Malathi ., R. Sudha ., P. Anitha ., P. Maheswari ., M. Gomathi ., K. Poornima .,	Chemistry	Desalination and Water Treatment	2019-2020	1944-3986	https://www.deswater.com/DWT_abstracts/vol_196/196_2020_377.pdf
Removal Of Cadmium(Ii) From Water Using Modified Citrus Limettioides Peels: Thermodynamic And Isotherm Studies	P. Janaki ., R. Sudha ., T.S. Sribharathi ., P. Anitha ., K. Poornima ., P. Premkumar .,	Chemistry	Asian Journal of Chemistry	2019-2020	0970-7077	https://www.semanticscholar.org/paper/Removal-of-Cadmium%28II%29-from-Water-using-Modified-Janaki-Sudha/2af5261a3bb63aaba178b5f673346b01cc56dd80
Removal Of Cadmium(Ii) From Water Using Modified Citrus Limettioides Peels: Thermodynamic And Isotherm Studies	P. Janaki ., R. Sudha ., T.S. Sribharathi ., P. Anitha ., K. Poornima ., P. Premkumar .,	Chemistry	Asian Journal of Chemistry	2019-2020	0970-7077	https://www.semanticscholar.org/paper/Removal-of-Cadmium%28II%29-from-Water-using-Modified-Janaki-Sudha/2af5261a3bb63aaba178b5f673346b01cc56dd80
Effect Of External Strengthening On The Flexural Capacity Of Cold-Formed Steel Beams	M. Anbarasu and A.R. Dar and Amer I. Rather and M. Adil Dar	Civil Engineering	Materials Today: Proceedings	2020-2021	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785320327863
Influence Of Silica Fume On Mechanical Properties Of Self Compacted Concrete	DEVPRAKASH P, Dr. D. SHOBA RAJKUMAR	Civil Engineering	International Research Journal of Engineering and Technology	2020-2021	2395-0072	https://www.irjet.net/archives/V8/i4/IRJET-V8I4934.pdf
A Simplified Design Method For Lateral-Torsional Buckling Of Gfrp Pultruded I-Beams	M. Anbarasu ., M. Kasiviswanathan .,	Civil Engineering	Arabian Journal for Science and Engineering	2020-2021	2191-4281	https://www.researchgate.net/publication/348979377_A_Simplified_Design_Method_for_Lateral-Torsional_Buckling_of_GFRP_Pultruded_I-Beams
Development Of An Efficient Steel Truss System Using Cfs Sections: A Comparative Study With A Hot-Rolled Steel Truss	Dar M.A.,M Anbarasu	Civil Engineering	International Journal of Structural Integrity	2020-2021	1757-9864	https://www.emerald.com/insight/content/doi/10.1108/IJSI-06-2020-0060/full/html
Flexural Behaviour Of Cover Plated Cfs Built-Up Beams Composed Of Lipped Channels: Comparison Of Test And Design Strengths	Anbarasu M.	Civil Engineering	Structures	2020-2021	2352-0124	https://www.techonpress.org/content/?page=article&journal=sem&volume=77&num=4&ordernum=7
Simplified Approach To Estimate The Lateral Torsional Buckling Of Gfrp Channel Beams	Kasiviswanathan M.,Anbarasu M.	Civil Engineering	Structural Engineering and Mechanics	2020-2021	1598-6217	https://www.techonpress.org/content/?page=article&journal=sem&volume=77&num=4&ordernum=7
Effective Strengthening Of Timber Beams: Experimental Investigation	Dar M.A.,M Anbarasu	Civil Engineering	Practice Periodical on Structural Design and Construction	2020-2021	1943-5576	https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29SC.1943-5576.0000532
Reuse Of Silica Rich Sugarcane Bagasse Ash In Concrete And Influence Of Different Curing On The Performance Of Concrete	T Murugesan,	Civil Engineering	Silicon	2020-2021	1876-9918	https://link.springer.com/article/10.1007/s12633-021-01089-1
Adaptive Motion Estimation And Sequential Outline Separation Based Moving Object Detection In Video Surveillance System	T. Thenmozhi ., A.M. Kalpana .,	Computer Science and Engineering	Microprocessors and Microsystems	2020-2021	1872-9436	https://dl.acm.org/doi/10.1016/j.micpro.2020.103084
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://solidstatetechnology.us/index.php/JSST/article/view/7779
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://solidstatetechnology.us/index.php/JSST/article/view/7779
A Compact Circular Shaped Monopole Antenna For Uwb Application With Wimax Band Rejection	A. M. Kalpana .,	Computer Science and Engineering	Lecture Notes in Electrical Engineering	2020-2021	1876-1119	https://www.researchgate.net/publication/349813028_A_Compact_Circular_Shaped_Monopole_Antenna_for_UWB_Application_with_WiMAX_Band_Rejection
Defined network-based wireless sensor network (DTEQT) using machine learning	A. M. Kalpana .,	Computer Science and Engineering	International Journal of Wavelets, Multiresolution and Information Processing	2020-2021	1793-690X	https://www.worldscientific.com/doi/10.1142/S0219691319410200
Prediction Of Pesticide Induced Diabetics Using Machine Learning	Nithya P, Kalpana A M	Computer Science and Engineering	International Journal Of Multidisciplinary Research In Science ,Engineering And Technology	2020-2021	2582-7219	https://www.ijmrset.com/volume-4-issue-1.php
Prediction Of Pesticide Induced Diabetics Using Machine Learning	Nithya P, Kalpana A M	Computer Science and Engineering	International Journal Of Multidisciplinary Research In Science ,Engineering And Technology	2020-2021	2582-7219	https://www.ijmrset.com/volume-4-issue-1.php
Secure Data Deduplication Using Efficient Cryptographic Method	Kalpana A M, Ruba.S	Computer Science and Engineering	International Journal of Innovative Research in Science, Engineering and Technology	2020-2021	2319-8753	https://www.ijirset.com/upload/2021/january/76_Secure_NC.pdf

Secure Data Deduplication Using Efficient Cryptographic Method	Kalpna A M, Ruba.S	Computer Science and Engineering	International Journal of Innovative Research in Science, Engineering and Technology	2020-2021	2319-8753	https://www.ijrset.com/upload/2021/january/76_Secure_NC.pdf
A Suitable Crop Recommendation Using Multiple Kernel Feature Selection Based On Sigmoid Activation In Recurrent Neural Network	Nithya P, Kalpana A M	Computer Science and Engineering	Solid State Technology	2020-2021	0038-111X	https://oa.mg/work/3121588699
A Suitable Crop Recommendation Using Multiple Kernel Feature Selection Based On Sigmoid Activation In Recurrent Neural Network	Nithya P, Kalpana A M	Computer Science and Engineering	Solid State Technology	2020-2021	0038-111X	https://oa.mg/work/3121588699
Optimal Reactive Power Dispatch For Minimization Of Real Power Loss Using Sbde And De-Strategy Algorithm	R.senthilkumar	Electrical and Electronics Engineering	Journal of Ambient Intelligence and Humanized Computing	2020-2021	1868-5145	https://link.springer.com/article/10.1007/s12652-020-02673-w#wciteas
Low-Cost Real-Time Design And Implementation Of Phasor Measurement Unit Using Analog Discovery	R. Sudha and D. Murali	Electrical and Electronics Engineering	Microprocessor and Microsystems Journal	2020-2021	1872-9436	https://www.sciencedirect.com/science/article/abs/pii/S0141933120302696
Parallel-Charge-Series-Discharge Inductor-Based Voltage Boosting Technique Applied To A Rectifier-Fed Positive Output Dc-Dc Converter	S. Annapurani and D. Murali	Electrical and Electronics Engineering	Journal of Applied Research and Technology	2020-2021	2448-6736	https://www.redalyc.org/journal/474/47471674001/html/
Pv-Tied Three-Port Dc-Dc Converter-Operated Four-Wheel-Drive Hybrid Electric Vehicle (Hev)	J. Kumaresan ., C. Govindaraju .,	Electrical and Electronics Engineering	Electrical Engineering	2020-2021	1432-0487	https://www.researchgate.net/publication/342113089_PV-tied_three-port_DC-DC_converter-operated_four-wheel-drive_hybrid_electric_vehicle_HEV
An Integrated Isolated Inverter Fed Bldc Motor For Photovoltaic Agric Pumping Systems	K.E. Lakshmiprabha ., C. Govindaraju .,	Electrical and Electronics Engineering	Microprocessors and Microsystems	2020-2021	1872-9436	https://www.sciencedirect.com/science/article/abs/pii/S014193312030435X
Performance Of Distribution Grid Connected Solar Photovoltaic Array With Unified Power Quality Conditioner	Ashokaraju, Abirami	Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2020-2021	2278-3075	https://www.ijitee.org/wp-content/uploads/papers/v9i9/I7188079920.pdf
Design Of Optimum Device Count Multilevel Inverter For Electric Drive Applications	M Durgalakshmi, C Gopinath, T Annamalai, D Ashokaraju	Electrical and Electronics Engineering	International Conference on Power Engineering (POWERCOIN'20)	2020-2021	2169-3536	https://www.researchgate.net/publication/347455023_Design_and_Implementation_of_Multilevel_Inverters_for_Electric_Vehicles
Plug-In Hybrid Electric Vehicles (Phevs)	H Singh, A Ambikapathy, K Logavani, GA Prasad, S Thangavel	Electrical and Electronics Engineering	Green Energy and Technology	2020-2021	1865-3529	https://www.researchgate.net/publication/347168239_Plug-In_Hybrid_Electric_Vehicles_PHEVs
Battery Electric Vehicles (Bevs)	A Faraz, A Ambikapathy, S Thangavel, K Logavani, GA Prasad	Electrical and Electronics Engineering	Green Energy and Technology	2020-2021	1865-3529	https://www.researchgate.net/publication/347168239_Battery_Electric_Vehicles_BEVs
Distribution System State Estimation With Stability Assessment Using Bio-Inspired Computing	Naveenkumar K.;Kannan R.;Ganesan S.;Subramanian S.	Electrical and Electronics Engineering	IET Science, Measurement and Technology	2020-2021	1751-8830	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-smt.2020.0049
Investigation of Maximum Observability of Standard Test Bus Systems with Phasor Measurement Units using Flower Pollination Algorithm	R. Sudha and D. Murali	Electrical and Electronics Engineering	International Journal of Communication Systems	2020-2021	1074-5351	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.4711
Steady State Behavior of a Single-Switch Non-isolated DC-DC SEPIC Converter Topology with Improved Static Voltage Gain	D. Murali	Electrical and Electronics Engineering	Journal Europeen des Systemes Automatis	2020-2021	2116-7087	https://www.iieta.org/journals/jessa/paper/10.18280/jessa.540307
Design and Performance Analysis of Effective Controllers for Multi-level DC-DC Cascaded Boost Converter	R. Saktheeswaran and D. Murali	Electrical and Electronics Engineering	Tehnicki Vjesnik Technical Gazette	2020-2021	1848-6339	https://hrcak.srce.hr/file/379408
Improvement of Static Voltage Gain of a Non-isolated Positive Output Single-Switch DC-DC Converter Structure Using a Diode-Capacitor Cell	D. Murali and S. Annapurani	Electrical and Electronics Engineering	Mathematical Modelling of Engineering Problems	2020-2021	2058-8313	https://iieta.org/journals/mmep/paper/10.18280/mmep.080411
Combined phase balancing and reconfiguration for unbalanced distribution system optimization through hybrid fuzzy-MFOA	Dr. Govindaraju C	Electrical and Electronics Engineering	Journal of Ambient Intelligence and Humanized Computing	2020-2021	1868-5145	https://www.researchgate.net/profile/Mahendran-Ganesan/publication/349910388_Combined_phase_balancing_and_reconfiguration_for_unbalanced_distribution_system_optimization_through_hybrid_fuzzy-MFOA/links/620f3ff608bee
Optimal Operation Of Multi-Fuel Power System Considering	S. Ganesan K. Karthikeyan, N. Jayakumar and S. Subramanian	Electrical and Electronics Engineering	ADALYA JOURNAL	2020-2021	1301-2746	https://drive.google.com/file/d/1P3qsrOLD8eYw6ohqSPeSFT3hOjtd45R/view
Review On Home Energy Management System	R. Balakrishnan ., V. Geetha .,	Electrical and Electronics Engineering	Materials Today: Proceedings	2020-2021	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785321028790
Research On Hybrid Modified Pathfinder Algorithm For Optimal Reactive Power Dispatch	R.senthilkumar	Electrical and Electronics Engineering	Bulletin of the Polish Academy of Sciences. Technical Sciences	2020-2021	2300-1917	https://doi.org/10.24425/BPASTS.2020.133383

Investigation Of Maximum Observability Of Standard Test Bus Systems With Phasor Measurement Units Using Flower Pollination Algorithm	R. Sudha and D. Murali	Electrical and Electronics Engineering	International Journal of Communication Systems	2020-2021	1099-1131	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.4711
Steady State Behavior Of A Single-Switch Non-Isolated Dc-Dc Sepic Converter Topology With Improved Static Voltage Gain	D. Murali	Electrical and Electronics Engineering	Journal European des Systemes Automatis	2020-2021	1269-6935	https://www.iieta.org/journals/jesa/paper/10.18280/jesa.540307
Design And Performance Analysis Of Effective Controllers For Multi-Level Dc-Dc Cascaded Boost Converter	R. Saktheeswaran and D. Murali	Electrical and Electronics Engineering	Tehnicky Vjesnik Technical Gazette	2020-2021	1848-6339	https://hrcaak.srce.hr/file/379408
Combined Phase Balancing And Reconfiguration For Unbalanced Distribution System Optimization Through Hybrid Fuzzy-Mfoa	Dr. Govindaraju C	Electrical and Electronics Engineering	Journal of Ambient Intelligence and Humanized Computing	2020-2021	1868-5145	https://www.researchgate.net/profile/Mahendran-Ganesan/publication/349910388_Combined_phase_balancing_and_reconfiguration_for_unbalanced_distribution_system_optimization_through_hybrid_fuzzy-MFOA/links/620f3ff608bee
Minimizing Electrodes For Effective Brain Computer Interface	A. Franklin Alex Joseph , C. Govindaraju ,	Electrical and Electronics Engineering	Biomedical Signal Processing and Control	2020-2021	1746-8094	https://www.sciencedirect.com/science/article/abs/pii/S1746809420303372
Compensation Of Voltage Sag And Swell Using Dynamic Voltage Restorer	Roshan J ; Ashokaraju, D	Electrical and Electronics Engineering	International Journal for Modern Trends in Science and Technology	2020-2021	2455-3778	http://www.ijmtst.com/volume7/issue04/3.IJMTST0703009.pdf
Battery Electric Vehicles (Bevs)	Ahmad Faraz , A. Ambikapathy , Saravanan Thangavel , K. Logavani , G. Arun Prasad ,	Electrical and Electronics Engineering	Green Energy and Technology	2020-2021	1865-3537	https://www.researchgate.net/publication/347168239_Battery_Electric_Vehicles_BEVs
Plug-In Hybrid Electric Vehicles (Phevs)	Himanshu Singh , A. Ambikapathy , K. Logavani , G. Arun Prasad , Saravanan Thangavel ,	Electrical and Electronics Engineering	Green Energy and Technology	2020-2021	1865-3537	https://www.researchgate.net/publication/347161983_Plug-In_Hybrid_Electric_Vehicles_PHEVs
Smart Grid, V2g And Renewable Integration	K. Logavani , A. Ambikapathy , G. Arun Prasad , Ahmad Faraz , Himanshu singh ,	Electrical and Electronics Engineering	Green Energy and Technology	2020-2021	1865-3529	https://www.researchgate.net/publication/34716828_Smart_Grid_V2G_and_Renewable_Integration
Fetal Ultrasound Image Segmentation Using Fuzzy Connectedness Algorithm	Sree S.J.;Vasanthanayaki C.	Electronics and Communication Engineering	Advances in Mathematics: Scientific Journal	2020-2021	1857-8438	https://www.research-publication.com/amsj/uploads/papers/vol-09/iss-10/AMSJ-2020-N10-58.pdf
High Performance Compact Energy Efficient Error Tolerant Adders And Multipliers For 16-Bit Image Processing Applications	Dr. C. Vasanthanayaki	Electronics and Communication Engineering	Microprocessors and Microsystems	2020-2021	1872-9436	https://www.sciencedirect.com/science/article/abs/pii/S0141933120303987?via%3Dihub
Adaptive Motion Estimation And Sequential Outline Separation Based Moving Object Detection In Video Surveillance System	T. Thenmozhi , A.M. Kalpana ,	Electronics and Communication Engineering	Microprocessors and Microsystems	2020-2021	1872-9436	https://dl.acm.org/doi/10.1016/j.micpro.2020.103084
Useful Lifetime Estimation Of Solder Joints In Power Semiconductors Employed In Current Source And Voltage Source Inverters	Hao Zou , Fang Xie , Bo Du , G. Kavithaa ,	Electronics and Communication Engineering	Soldering and Surface Mount Technology	2020-2021	1758-6836	https://www.emerald.com/insight/content/doi/10.1108/SSMT-05-2020-0018/full/html
Survey On Planar Antennas For 5g Application	M.Jeyabharathi, Mrs.K.Jayanthi	Electronics and Communication Engineering	International Research Journal of Engineering and Technology (IRJET)	2020-2021	2395-0072	https://www.irjet.net/archives/V7/i12/IRJET-V7I1257.pdf
A Pilot Survey On Hybrid Ac/Dc Microgrids	M. Dhinakaran	Electronics and Communication Engineering	International Journal of Future Generation Communication and Networking	2020-2021	2207-9645	https://drive.google.com/file/d/16cLZv1mHKTfG9W-flcR4xcRlkzrz6kh/view
Retraction: Texture Based Clustering Technique For Fetal Ultrasound Image Segmentation	Sree S.J.;Kiruthika V.;Vasanthanayaki C.	Electronics and Communication Engineering	Journal of Physics: Conference Series	2020-2021	1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1916/1/012014
Time Dependent Anomaly Detection System For Smart Environment Using Probabilistic Timed Automaton	Venkatraman S.;Muthusamy P.;Balusa B.;Jayasankar T.;Kavithaa G.;Sekar K.R.;Bharatiraja C.	Electronics and Communication Engineering	Journal of Ambient Intelligence and Humanized Computing	2020-2021	1868-5145	https://link.springer.com/article/10.1007/s12652-020-02769-3
A Compact Circular Shaped Monopole Antenna For Uwb Application With Wimax Band Rejection	K. Jayanthi , A. M. Kalpana ,	Electronics and Communication Engineering	Lecture Notes in Electrical Engineering	2020-2021	1876-1119	https://www.researchgate.net/publication/349813028_A_Compact_Circular_Shaped_Monopole_Antenna_for_UWB_Application_with_WiMAX_Band_Rejection
Mm-Wave Mimo Channel Modeling And Estimation	Kalpana I.;Kesavamurthy T.	Electronics and Communication Engineering	Lecture Notes in Electrical Engineering	2020-2021	1876-1119	https://www.researchgate.net/publication/349812487_mm-Wave_MIMO_Channel_Modeling_and_Estimation
Performance Analysis In Mimo-Ofdm System For 802.11b	Kalpana.I., KOMATHI.E.M;	Electronics and Communication Engineering	International Research Journal of Engineering and Technology (IRJET)	2020-2021	2395-0072	https://www.irjet.net/archives/V8/i4/IRJET-V8I4675.pdf
Iot Based Remote Health Monitoring Using Labview	M. Dhinakaran	Electronics and Communication Engineering	International Research Journal of Engineering and Technology	2020-2021	2395-0056	https://www.irjet.net/archives/V8/i4/IRJET-V8I4919.pdf
Iot Based Remote Health Monitoring Using Labview	Prof. P. Deepthi	Electronics and Communication Engineering	International Research Journal of Engineering and Technology	2020-2021	2395-0056	https://www.irjet.net/archives/V8/i4/IRJET-V8I4919.pdf

Deep Learning Based Brain Tumor Detection From Mri Image -	Annie Nisha. T, Manibharathi. D	Electronics and Communication Engineering	IRJET	2020-2021	2395-0072	https://www.irjet.net/archives/V8/i4/IRJET-V8I4877.pdf
Convolutional Neural Network Auto Encoder Channel Estimation Algorithm In Mimo-Ofdm System.	I. Kalphana ., T. Kesavamurthy .,	Electronics and Communication Engineering	Computer systems science and Engineering	2020-2021	0267-6192	https://www.techscience.com/css/e/v41n1/44779
Convolutional Neural Network Auto Encoder Channel Estimation Algorithm In Mimo-Ofdm System	I. Kalphana ., T. Kesavamurthy .,	Electronics and Communication Engineering	Computer Systems Science and Engineering	2020-2021	0267-6192	https://www.techscience.com/css/e/v41n1/44779
Lifetime Maximization Energy-Aware Routing Protocol For Route Optimization To Improve Quality Of Service In Wireless Sensor Networks	Vinod Kumar R.;Kavithaa G.;Jayanthi D.	Electronics and Communication Engineering	Computational Intelligence	2020-2021	1467-8640	https://onlinelibrary.wiley.com/doi/abs/10.1111/coin.12485
Gender Politics In Shashi Deshpande's That Long Silence	P. Sakthivel and Dr. P. Santhi	English	Journal of Shanghai Jiaotong University	2020-2021	1007-1172	https://www.bibliomed.org/?mno=70895
On The Thermal Conductivity And Viscosity Of Bionanofluid With Neem (Azadirachta Indica) Assisted Zinc Oxide Nanoparticles	Sivalingam AMIRTHALINGAM ., Balusamy THANGAVEL .,	Mechanical Engineering	Journal of Thermal Science and Technology	2020-2021	1880-5566	https://www.researchgate.net/publication/344086207_On_the_thermal_conductivity_and_viscosity_of_bionanofluid_with_neem_Azadirachta_indica_assisted_zinc_oxide_nanoparticles#full-text
A Comparative Analysis On The Thermal Performance Of Solar Chimney With Smooth And Dimpled Absorber Plate	S. Sivalakshmi ., V. Sethupathi ., M. Pachivannan .,	Mechanical Engineering	Materials Today: Proceedings	2020-2021	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785320364440
Effect Of Helical Fins On The Performance Of A Double Pipe Heat Exchanger	S. Sivalakshmi, M. Raja, G. Gowtham	Mechanical Engineering	Materials Today	2020-2021	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785320364452#:~:text=Heat%20transfer%20rate%20is%20found,is%20used%20in%20heat%20exchanger.
A Study On The Residential Building Construction Information, Thermal Sensation And The Behavior Of Households In Tamilnadu State–A Questionnaire Survey	Vadugapalayam Rangasamy L.;Sivananthan S.;Muthu Raja.Sivalakshmi S	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2020-2021	1556-7036	https://www.tandfonline.com/doi/abs/10.1080/15567036.2020.1823528
Thermal Performance Of Wall Solar Chimney Integrated With A Room Under Warm And Humid Conditions	S. Sivalakshmi ., M. Raja ., R. Mahudewaran ., G. Gowtham .,	Mechanical Engineering	Materials Today: Proceedings	2020-2021	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785320384704#:~:text=The%20highest%20air%20velocity%20of,channel%20width%20of%2015%20cm.
Effect Of Helical Fins On The Performance Of A Double Pipe Heat Exchanger	S. Sivalakshmi, M. Raja, G. Gowtham	Mechanical Engineering	Materials Today	2020-2021	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785320364452#:~:text=Heat%20transfer%20rate%20is%20found,is%20used%20in%20heat%20exchanger.
A Study On The Residential Building Construction Information, Thermal Sensation And The Behavior Of Households In Tamilnadu State–A Questionnaire Survey	Vadugapalayam Rangasamy L.;Sivananthan S.;Muthu Raja.Sivalakshmi S	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2020-2021	1556-7036	https://www.tandfonline.com/doi/abs/10.1080/15567036.2020.1823528
Effect Of Helical Fins On The Performance Of A Double Pipe Heat Exchanger	S. Sivalakshmi ., M. Raja ., G. Gowtham .,	Mechanical Engineering	Materials Today: Proceedings	2020-2021	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785320364452#:~:text=Heat%20transfer%20rate%20is%20found,is%20used%20in%20heat%20exchanger.
Thermal Performance Of Wall Solar Chimney Integrated With A Room Under Warm And Humid Conditions	S. Sivalakshmi ., M. Raja ., R. Mahudewaran ., G. Gowtham .,	Mechanical Engineering	Materials Today: Proceedings	2020-2021	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785320384704#:~:text=The%20highest%20air%20velocity%20of,channel%20width%20of%2015%20cm.
Wear Behavior Of Ni-TiO ₂ /Nanocomposite Coating On Aisi 1022 Cs By Pulse Electrodeposition	P. Natarajan ., A. Jegan ., M. Mohanraj .,	Mechanical Engineering	Journal of New Materials for Electrochemical Systems	2020-2021	1480-2422	https://www.iieta.org/journals/jnmes/paper/10.14447/jnmes.v23i3.a04
Wear Behavior Of Ni-TiO ₂ /Nanocomposite Coating On Aisi 1022 Cs By Pulse Electrodeposition	P. Natarajan ., A. Jegan ., M. Mohanraj .,	Mechanical Engineering	Journal of New Materials for Electrochemical Systems	2020-2021	1480-2422	https://www.iieta.org/journals/jnmes/paper/10.14447/jnmes.v23i3.a04
Effect Of Anisole Addition To Waste Cooking Oil Methyl Ester On Combustion, Emission And Performance Characteristics Of A Di Diesel Engine Without Any Modifications	Rajesh A.;Gopal K.;Melvin Victor D.P.;Rajesh Kumar B.;Sathiyagnanam A.P.;Damodharan D.	Mechanical Engineering	Fuel	2020-2021	0016-2361	https://www.sciencedirect.com/science/article/abs/pii/S0016236120313119#:~:text=The%20smoke%20opacity%20for%20neat,engine%20is%20operated%20with%20biodiesel.
Effect Of Retarded Injection Timing And Egr On Performance, Combustion And Emission Characteristics Of A Crdi Diesel Engine Fueled With Whdpe Oil/Diesel Blends	Kulandaivel D.;Rahamathullah I.G.;Sathiyagnanam A.P.;Gopal K.;Damodharan D.;Melvin Victor D.P.	Mechanical Engineering	Fuel	2020-2021	0016-2361	https://www.sciencedirect.com/science/article/abs/pii/S0016236120313004
Emission Control And Reduction In Fuel Consumption Of Two-Stroke Si Engine Using Nano-Fragment As A Catalyst	Karthikeyan Subramanian; A. P. Sathiya Gnanam; D. Damodharan; N. Prasanna; N. Mukilarasan	Mechanical Engineering	International Journal of Xidian University	2020-2021	1001-2400	https://pubs.aip.org/aip/acp/article-abstract/2311/1/040007/1027489/Emission-control-and-reduction-in-fuel-consumption?redirectedFrom=full-text
Artificial Neural Network Based Prediction Of A Direct Injected Diesel Engine Performance And Emission Characteristics Powered With Biodiesel	Karthikeyan Subramanian a, A.P. Sathiyagnanam a, D. Damodharan b, N. Sivashanmugam c	Mechanical Engineering	Materials Today: Proceedings	2020-2021	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785320358740

Effect Of Sintered Electrode On Microhardness And Microstructure In Electro Discharge Deposition Of Magnesium Alloy	U. Elaiyarasan ., V. Satheshkumar ., C. Senthilkumar .,	Mechanical Engineering	Journal of the Mechanical Behavior of Materials	2020-2021	2191-0243	https://www.degruyter.com/document/doi/10.1515/jmbm-2020-0007/html?lang=en
Transient Cfd Analysis Of Various Fins Used Under Free Convection Condition	Satheeshkumar V	Mechanical Engineering	International Journal for Scientific Research & Development	2020-2021	2321-0613	https://ijsrd.com/Article.php?manuscript=IJSRDV8I70016
Wear Behavior Of Wc-Cu Deposited Ze41a Magnesium Alloy Using Wear Mechanism Map	U. Elaiyarasan ., V. Satheshkumar ., C. Senthilkumar .,	Mechanical Engineering	Advanced Science, Engineering and Medicine	2020-2021	2164-6627	https://www.ingentaconnect.com/contentone/asp/ asem/2020/0000012/00000008/art00004
Thermal Performance Of Wall Solar Chimney Integrated With A Room Under Warm And Humid Conditions	S. Sivalakshmi ., M. Raja ., R. Mahudeswaran ., G. Gowtham .,	Mechanical Engineering	Materials Today: Proceedings	2020-2021	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785320384704#:~:text=The%20highest%20air%20velocity%20of,channel%20width%20of%2015%20cm.
A Study On Deposition Of Electrode Materials On Magnesium Alloy Using Electrical Discharge Coating Technique	U Elaiyarasan, V Satheshkumar, C Senthilkumar	Mechanical Engineering	Journal of Manufacturing Engineering	2020-2021	0973-6867	https://www.smenec.org/index.php/1/article/view/2
Emission Profiling Of A Common Rail Direct Injection Diesel Engine Fueled With Hydrocarbon Fuel Extracted From Waste High Density Polyethylene As A Partial Replacement For Diesel With Some Modifications	Kulandaivel Duraisamy ., Rahamathullah Ismailgani ., Sathiyagnanam Amudhavalli Paramasivam ., Gopal Kaliyaperumal ., Damodharan Dillikannan .,	Mechanical Engineering	Energy and Environment	2020-2021	2048-4070	https://journals.sagepub.com/doi/10.1177/0958305X20942873
Effect Of Parameters On Microstructure Of Electrical Discharge Coated Ze41a Magnesium Alloy With Tungsten Carbide-Copper Composite Electrode	U Elaiyarasan ., V Satheshkumar ., C Senthilkumar .,	Mechanical Engineering	Surface Topography: Metrology and Properties	2020-2021	2051-672X	https://iopscience.iop.org/article/10.1088/2051-672X/abf326
An Investigation On Electrical Discharge Metal Matrix Coating Of Ze41a Magnesium Alloy	Uthirapathi Elaiyarasan ., Vinaitheerthan Satheshkumar ., Chinnamuthu Senthilkumar .,	Mechanical Engineering	Metallurgical Research and Technology	2020-2021	2271-3646	https://www.metallurgical-research.org/articles/metal/abs/2021/03/metal200349/metal200349.html
Surface Modification Of A Magnesium Alloy By Electrical Discharge Coating With A Powder Metallurgy Electrode	Uthirapathi Elaiyarasan ., Vinaitheerthan Satheshkumar ., Chinnamuthu Senthilkumar .,	Mechanical Engineering	Materials Testing	2020-2021	2195-8572	https://www.degruyter.com/document/doi/10.1515/mt-2020-0054/html?lang=en
Surface Modification Of A Magnesium Alloy By Electrical Discharge Coating With A Powder Metallurgy Electrode	V.Satheeshkumar	Mechanical Engineering	Materials Testing	2020-2021	2195-8572	https://www.degruyter.com/document/doi/10.1515/mt-2020-0054/html?lang=en
Experimental Study Of Heat Transfer Coefficients On Red Clay Brick Wall	M. Venkatesan ., M. Raja ., S. Sivalakshmi ., S. Suresh .,	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2020-2021	1588-2926	https://link.springer.com/article/10.1007/s10973-021-10896-y
Aerothermodynamic Design And Performance Analysis Of Modified Nose Cones For Space Reentry Vehicles	Raja Muthu ., S. Siva Lakshmi ., Santhoshini Babu .,	Mechanical Engineering	International Journal of Ambient Energy	2020-2021	2162-8246	https://www.tandfonline.com/doi/abs/10.1080/01430750.2020.1824943
Experimental Study Of Heat Transfer Coefficients On Red Clay Brick Wall	M. Venkatesan ., M. Raja ., S. Sivalakshmi ., S. Suresh .,	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2020-2021	1588-2926	https://link.springer.com/article/10.1007/s10973-021-10896-y
Aerothermodynamic Design And Performance Analysis Of Modified Nose Cones For Space Reentry Vehicles	Raja Muthu ., S. Siva Lakshmi ., Santhoshini Babu .,	Mechanical Engineering	International Journal of Ambient Energy	2020-2021	2162-8246	https://www.tandfonline.com/doi/abs/10.1080/01430750.2020.1824943
Mechanical And Morphological Characteristics Study Of Chemically Treated Banana Fiber Reinforced Phenolic Resin Composite With Vajram Resin	Sathish Kumar Rajamanickam ., Mohanraj Manoharan ., S Ganesan ., P Natarajan ., P Rajasekaran .,	Mechanical Engineering	Journal of Natural Fibers	2020-2021	1544-046X	https://www.researchgate.net/publication/348552216_Mechanical_and_Morphological_Characteristics_Study_of_Chemically_Treated_Banana_Fiber_Reinforced_Phenolic_Resin_Composite_with_Vajram_Resin
Mechanical And Morphological Characteristics Study Of Chemically Treated Banana Fiber Reinforced Phenolic Resin Composite With Vajram Resin	Sathish Kumar Rajamanickam ., Mohanraj Manoharan ., S Ganesan ., P Natarajan ., P Rajasekaran .,	Mechanical Engineering	Journal of Natural Fibers	2020-2021	1544-046X	https://www.researchgate.net/publication/348552216_Mechanical_and_Morphological_Characteristics_Study_of_Chemically_Treated_Banana_Fiber_Reinforced_Phenolic_Resin_Composite_with_Vajram_Resin
Evaluating The Potential Of Azadirachta Indica-Assisted Zinc Oxide Particles As Efficacious Nanofluids By Convective Experiments With Twisted Tape Annexed Circular Tube	A. Sivalingam ., T. Balusamy ., S. Suseel Jai Krishnan ., P. K. Nagarajan .,	Mechanical Engineering	Biomass Conversion and Biorefinery	2020-2021	2190-6815	https://link.springer.com/article/10.1007/s13399-021-01344-w#:~:text=Convective%20experiments%20were%20done%20by,the%20ZnOpure%20was%201.289.
An Literature Review on Gas Metal Arc Welding (GMAW) of Mild Steel 1018 By Using Taguchi Technique	Prof. Noorullah D., Prof. Vinoth Ba	Metallurgical Engineering	International Journal for Science and Advance Research In Technology	2020-2021	2395-1052	https://ijsart.com/Content/PDFDocuments/IJSARTV6I1241739.pdf
An Literature Review on Gas Metal Arc Welding (GMAW) of Mild Steel 1018 By Using Taguchi Technique	Prof. Noorullah D., Prof. Vinoth Ba	Metallurgical Engineering	International Journal for Science and Advance Research In Technology	2020-2021	2395-1052	https://ijsart.com/Content/PDFDocuments/IJSARTV6I1241739.pdf
A Literature Review Of Gtaw Welding On Aluminium And Its Alloys	Prof. Noorullah D., Prof Thenamm	Metallurgical Engineering	International Journal for Science and Advance Research In Technology	2020-2022	2395-1053	https://ijsart.com/Content/PDFDocuments/IJSARTV6I1241734.pdf

A Literature Review Of Gtaw Welding On Alluminium And Its Alloys	Prof. Noorullah D., Prof Thenamm	Metallurgical Engineering	International Journal for Science and Advance Research In Technology	2020-2023	2395-1054	https://ijsart.com/Content/PDFDocuments/IJSARTV611241734.pdf
A LITERATURE REVIEW ON ELECTRON BEAM WELDING	M.Mohamed Jameel , Dr.B.Anandavel , Prof.R.Vinoth Babu , Prof.D.Noorullah	Metallurgical Engineering	International Journal for Science and Advance Research In Technology	2020-2021	2395-1052	https://ijsart.com/Content/PDFDocuments/IJSARTV71850586.pdf
A LITERATURE REVIEW ON ELECTRON BEAM WELDING	M.Mohamed Jameel , Dr.B.Anandavel , Prof.R.Vinoth Babu , Prof.D.Noorullah	Metallurgical Engineering	International Journal for Science and Advance Research In Technology	2020-2021	2395-1052	https://ijsart.com/Content/PDFDocuments/IJSARTV71850586.pdf
A LITERATURE REVIEW ON ELECTRON BEAM WELDING	M.Mohamed Jameel , Dr.B.Anandavel , Prof.R.Vinoth Babu , Prof.D.Noorullah	Metallurgical Engineering	International Journal for Science and Advance Research In Technology	2020-2021	2395-1052	https://ijsart.com/Content/PDFDocuments/IJSARTV71850586.pdf
A Literature Review of Corrosion on Welding	Dr.B.Anandavel , Prof.R.Vinoth Babu	Metallurgical Engineering	International Journal for Science and Advance Research In Technology	2020-2021	2395-1052	https://ijsart.com/Content/PDFDocuments/IJSARTV71850587.pdf
A Literature Review of Corrosion on Welding	Dr.B.Anandavel , Prof.R.Vinoth Babu	Metallurgical Engineering	International Journal for Science and Advance Research In Technology	2020-2021	2395-1052	https://ijsart.com/Content/PDFDocuments/IJSARTV71850587.pdf
A Literature Review of Corrosion on Welding	Dr.B.Anandavel , Prof.R.Vinoth Babu	Metallurgical Engineering	International Journal for Science and Advance Research In Technology	2020-2021	2395-1052	https://ijsart.com/Content/PDFDocuments/IJSARTV71850587.pdf
Sustainable Friction Stir Spot Welding Of 6061-T6 Aluminium Alloy Using Improved Non-Dominated Sorting Teaching Learning Algorithm	Suresh S.;Elango N.;Venkatesan K.;Lim W.H.;Palanikumar K.;Rajesh S.	Metallurgical Engineering	Journal of Materials Research and Technology	2020-2021	2214-0697	https://www.sciencedirect.com/science/article/pii/S2238785420316501
Studies On Friction Stir Welding Of Aa2014, Aa6082 And Aa7075 Simillar And Dissimillar Joints	P. Gunasekaran ., K.T. Thilagham ., D. Noorullah .,	Metallurgical Engineering	Advanced Engineering Forum	2020-2021	2234-991X	https://www.semanticscholar.org/paper/Studies-on-Friction-Stir-Welding-of-AA2014%2C-AA6082-Gunasekaran-Thilagham/0ab65b33dd174efd10193fdcd6f3f719c864f6f
Influence Of Tool Rotational Speed On The Properties Of Friction Stir Spot Welded Aa7075-T6/Al2o3 Composite Joint	K. T. Thilagham ., S. Muthukumaran .,	Metallurgical Engineering	Transactions of the Indian Institute of Metals	2020-2021	0972-2815	https://link.springer.com/article/10.1007/s12666-020-02063-y
Studies On Friction Stir Welding Of Aa2014, Aa6082 And Aa7075 Simillar And Dissimillar Joints	P. Gunasekaran ., K.T. Thilagham ., D. Noorullah .,	Metallurgical Engineering	Advanced Engineering Forum	2020-2021	2234-991X	https://www.semanticscholar.org/paper/Studies-on-Friction-Stir-Welding-of-AA2014%2C-AA6082-Gunasekaran-Thilagham/0ab65b33dd174efd10193fdcd6f3f719c864f6f
Performance Analysis Of Nano Silicon Carbide Reinforced Swept Friction Stir Spot Weld Joint In Aa6061-T6 Alloy	Suresh S.;Venkatesan K.;Natarajan E.;Rajesh S.	Metallurgical Engineering	Silicon	2020-2021	1876-9918	https://link.springer.com/article/10.1007/s12633-020-00751-4
Ebsd Study On Two Modes Of Metal Flow Transfer In Friction Stir Weldment	K. T. Thilagham ., D. Sunilkumar ., S. Muthukumaran .,	Metallurgical Engineering	Transactions of the Indian Institute of Metals	2020-2021	0972-2815	https://www.researchgate.net/publication/348191803_EBSD_Study_on_Two_Modes_of_Metal_Flow_Transfer_in_Friction_Stir_Weldment
EBSD Results of Material Flow and Microstructural Changes Around Tool Pin for the Dissimilar Friction Stir Welded AA6082-T6 and AA7075-T651	K. T. Thilagham ., S. Muthukumaran .,	Metallurgical Engineering	Transactions of the Indian Institute of Metals	2020-2021	0972-2815	https://link.springer.com/article/10.1007/s12666-020-02063-y
A Study Of The Optimization And Characterization Of Friction Stir Welded Aa5083 And Aa6082	MULLAIARASU R ., Thilagham K. T ., Noorullah D .,	Metallurgical Engineering	International Research Journal on Advanced Science Hub	2020-2021	2582-4376	https://www.researchgate.net/publication/357024916_A_Study_of_the_Optimization_and_Characterization_of_Friction_Stir_Welded_AA5083_and_AA6082
A Literature Review On Wire Arc Additive Manufacturing Using Cmt	Gowthaman G, Dr.B. Anadavel, N.Thenammai	Metallurgical Engineering	IJIRT	2020-2021	2349-6002	https://ijirt.org/master/publishpaper/IJIRT151767_PAPER.pdf
A Literature Review On Wire Arc Additive Manufacturing Using Cmt	Gowthaman G, Dr.B. Anadavel, N.Thenammai	Metallurgical Engineering	IJIRT	2020-2021	2349-6002	https://ijirt.org/master/publishpaper/IJIRT151767_PAPER.pdf
Strategized friction stir welded AA6061-T6/SiC composite lap joint suitable for sheet metal applications	Suresh S.;Natarajan E.;Shanmugam R.;Venkatesan K.;Saravanakumar N.;AntoDilip A.	Metallurgical Engineering	Journal of Materials Research and Technology	2020-2021	22387854	https://www.sciencedirect.com/science/article/pii/S2238785422014296
A Literature Review On Wire Arc Additive Manufacturing Using Cmt	Gowthaman G, Dr.B. Anadavel, N.Thenammai	Metallurgical Engineering	IJIRT	2020-2021	2349-6002	https://ijirt.org/master/publishpaper/IJIRT151767_PAPER.pdf
Evaluating The Potential Of Azadirachta Indica-Assisted Zinc Oxide Particles As Efficacious Nanofluids By Convective Experiments With Twisted Tape Annexed Circular Tube	A. Sivalingam ., T. Balusamy ., S. Suseel Jai Krishnan ., P. K. Nagarajan .,	Mechanical Engineering	Biomass Conversion and Biorefinery	2020-2021	2190-6815	https://link.springer.com/article/10.1007/s13399-021-01344-w#:~:text=Convective%20experiments%20were%20done%20by,the%20ZnOpure%20was%201.289.
Synthesis, Structural, Spectral And Antibacterial Activity Of 3,3a,4,5-Tetrahydro-2h-Benzo[G]Indazole Fused Carbothioamide Derivatives As Antibacterial Agents	S murugavel ,S Deepa	Physics	Journal of molecular structure	2020-2021	1872-8014	https://www.sciencedirect.com/science/article/abs/pii/S0022286020312850?via%3Dihub

Synthesis, Structural, Spectral And Antibacterial Activity Of 3,3a,4,5-Tetrahydro-2h-Benzo[G]Indazole Fused Carbothioamide Derivatives As Antibacterial Agents	S. Deepa	Physics	Journal of Molecular Structure	2020-2021	2319-5541	https://www.sciencedirect.com/science/article/abs/pii/S0022286020312850
Synthesis Of Novel Thiophene Fused Pyrazoline-Thiocyanatoethanone Derivative: Spectral, Dft, Pharmacological, Docking And In Vitro Antibacterial Studies	Dr.K.Saranya	Physics	Journal of Molecular Structure	2020-2021	1872-8014	https://www.sciencedirect.com/science/article/abs/pii/S0022286020318020
Nickel Hexacyanoferrate Film Coated Pencil Graphite Electrode As Sensor And Electrode Material For Environment And Energy Applications	A. Ramachandran	Chemistry	International Journal of Energy Research	2020-2021	1099-114X	https://onlinelibrary.wiley.com/doi/abs/10.1002/er.5640
Synthesis Of Novel Corrosion Inhibitor N-(1,3-Benzothiazol-2-Yl)-4-Aminobenzamide In 1 N Hydrochloric Acid Medium	A. Ramachandran	Chemistry	Asian Journal of Chemistry	2020-2021	0975-427X	https://asianpubs.org/index.php/ajchem/article/view/33_3_21
Investigation On Corrosion Inhibition Effect Of N-[4-(1,3-Benzo[D]Thiazol-2-Ylcarbamoyl)Phenyl]Quinoline-6-Carboxamide As A Novel Organic Inhibitor On Mild Steel In 1n Hcl At Different Temperatures: Experimental And Theoretical Study	A. Ramachandran	Chemistry	International Journal of Energy Research	2020-2021	0363907X	https://www.researchgate.net/publication/342711328_Nickel_hexacyanoferrate_film_coated_pencil_graphite_electrode_as_sensor_and_electrode_material_for_environment_and_energy_applications
Adaptive Neuro-Fuzzy Inference System And Artificial Neural Network Modeling For The Adsorption Of Methylene Blue By Novel Adsorbent In A Fixed-Bed Column Method	Anbazhagan, Sivaprakasam and Thiruvengatam, Venugopal and Kulanthai, Kannan	Chemistry	Iranian Journal of Chemistry and Chemical Engineering (IJCCCE)	2020-2021	1021-9986	https://www.ijcce.ac.ir/article_36407.html
Anticorrosion Behavior Of Zno Nanoparticles Coated On Mild Steel In Nacl Solution	S. Subhasree ., P. Anitha ., K. Kannan ., A. Ramachandran ., J. J. Sheri ., R. Jayavel .,	Chemistry	Journal of Nanoscience and Nanotechnology	2020-2021	1533-4880	https://www.semanticscholar.org/paper/Anticorrosion-Behavior-of-ZnO-Nanoparticles-Coated-Subhasree-Anitha/f1f9e60f8f5ef8deea6efb27a7cef2a402437ef
Anticorrosion Behavior Of Zno Nanoparticles Coated On Mild Steel In Nacl Solution	S. Subhasree ., P. Anitha ., K. Kannan ., A. Ramachandran ., J. J. Sheri ., R. Jayavel .,	Chemistry	Journal of Nanoscience and Nanotechnology	2020-2021	1533-4880	https://www.semanticscholar.org/paper/Anticorrosion-Behavior-of-ZnO-Nanoparticles-Coated-Subhasree-Anitha/f1f9e60f8f5ef8deea6efb27a7cef2a402437ef
Nickel Hexacyanoferrate Film Coated Pencil Graphite Electrode As Sensor And Electrode Material For Environment And Energy Applications	Sedhu Nagarajan ., Vasanthakumar Vasudevan ., Theerthagiri Jayaraman ., Ramachandran Arumugam ., Raj Vairamuthu .,	Chemistry	International Journal of Energy Research	2020-2021	1099-114X	https://onlinelibrary.wiley.com/doi/abs/10.1002/er.5640
Effect Of Temperature On Green Synthesized Silver Nanoparticles Using Water And Methanol	Parameswaran, S and Karthickeyan, D and Venugopal, T	Chemistry	Materials Today: Proceedings	2020-2021	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785321013195?via%3Dihub
An Amberlite Ira-400 Cl- Ion-Exchange Resin Modified With Prosopis Juliflora Seeds As An Efficient Pb 2+ Adsorbent: Adsorption, Kinetics, Thermodynamics, And Computational Modeling Studies By Density Functional Theory	Anbazhagan, Sivaprakasam and Thiruvengadam, Venugopal and Sukeri, Anandhakumar	Chemistry	RSC advances	2020-2021	2046-2069	https://pubs.rsc.org/en/content/articlelanding/2021/ra/d0ra10128a
Investigation On Corrosion Inhibition Effect Of N-[4-(1,3-Benzo[D]Thiazol-2-Ylcarbamoyl)Phenyl]Quinoline-6-Carboxamide As A Novel Organic Inhibitor On Mild Steel In 1n Hcl At Different Temperatures: Experimental And Theoretical Study	Gopal Senthilkumar ., Chinnusamy Umarani ., Arumugam Ramachandran .,	Chemistry	Journal of the Indian Chemical Society	2020-2021	2667-2847	https://www.sciencedirect.com/science/article/abs/pii/S0019452221000790
Synthesis Of Novel Corrosion Inhibitor N-(1,3-Benzothiazol-2-Yl)-4-Aminobenzamide In 1 N Hydrochloric Acid Medium	Senthilkumar Gopal ., Umarani Chinnasamy ., Ramachandran Arumugam .,	Chemistry	Asian Journal of Chemistry	2020-2021	0970-7077	https://www.researchgate.net/publication/349353407_Synthesis_of_Novel_Corrosion_Inhibitor_N-13-Benzothiazol-2-yl-4-aminobenzamide_in_1_N_Hydrochloric_Acid_Medium
Synthesis, Spectral Characterization And Biological Evaluation Of Metal Complexes Of 2-Thioxoquinoline Aminophenol	G. Gokulnath ., P. Anitha ., R. Manikandan ., C. Umarani .,	Chemistry	Asian Journal of Chemistry	2020-2021	0970-7077	https://asianpubs.org/index.php/ajchem/article/view/33_6_39
Green Synthesis Of Tio2 Nanoparticles Prepared From Phyllanthus Niruri Leaf Extract For Dye Adsorption And Their Isotherm And Kinetic Studies	Anitha Panneerselvam ., Jeevanantham Velayutham ., Sudha Ramasamy .,	Chemistry	IET Nanobiotechnology	2020-2021	1751-875X	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/nbt2.12033
Parametric Study And Improved Design Guidelines Of Cfs Battened Built-Up Columns	Vijayanand S.;Anbarasu M.	Civil Engineering	Steel and Composite Structures	2021-2022	598-6233	https://www.techonpress.org/content/?page=article&journal=scs&volume=40&num=5&ordernum=8
Cold-Formed Steel Built-Up I-Beam With The Trapezoidal Corrugated Web: Tests And Numerical Simulation	A. R. Dar and M. Anbarasu and G. Arun Kumar	Civil Engineering	Journal of The Institution of Engineers (India): Series A	2021-2022	2250-2157	https://www.researchgate.net/publication/354609920_Cold-Formed_Steel_Built-Up_I-Beam_with_the_Trapezoidal_Corrugated_Web_Tests_and_Numerical_Simulation
Testing And Modelling Of Hot-Rolled Steel Castellated Hollow Tubular Beams	M. Anbarasu and Anjali Kumari Pravin Kumar Pandey and M. Longshithung Patton and Hermes Carvalho	Civil Engineering	Structures	2021-2022	2352-0124	https://www.sciencedirect.com/science/article/abs/pii/S2352012421009590

Testing And Fe Simulation Of Lightweight Cfs Composite Built-Up Columns: Axial Strength And Deformation Behaviour	M. Adil Dar and N. Subramanian and M. Anbarasu and Ahmad Fayeq Ghowsi and P. Azmat Arif and A.R. Dar	Civil Engineering	Thin-Walled Structures	2021-2022	1879-3223	https://www.sciencedirect.com/science/article/abs/pii/S0263823121004663
Testing Of Cold-Formed Ferritic Stainless Steel Stub Columns: Axial Behaviour And Design Strengths	A. R. Dar and C. Karthik and M. Anbarasu and M. Adil Dar	Civil Engineering	Innovative Infrastructure Solutions	2021-2022	2364-4184	https://link.springer.com/article/10.1007/s41062-021-00541-w
Wide-Flanged Cfs Built-Up Columns: Comparison Of Test Strengths, Numerical Strengths And Design Strengths	A. R. Dar and M. Anbarasu and M. Venkatesan and M. Adil Dar	Civil Engineering	Innovative Infrastructure Solutions	2021-2022	2364-4184	https://www.researchgate.net/publication/353256422_Wide-flanged_CFS_built-up_columns_comparison_of_test_strengths_numerical_strengths_and_design_strengths
Cold-Formed Ferritic Stainless Steel Closed Built-Up Beams: Flexural Behaviour And Numerical Parametric Study	C. Karthik and M. Anbarasu	Civil Engineering	Thin-Walled Structures	2021-2022	1879-3223	https://www.sciencedirect.com/science/article/abs/pii/S026382312100241X
A Review Of Steel Concrete Composite Beam	V.SriAbirami,Dr. D. Shoba Rajkumar	Civil Engineering	International Journal of Advances in Engineering and Management (IJAEM)	2021-2022	2395-5252	https://ijaem.net/issue_dcp/A%20Review%20of%20Steel%20Concrete%20Composite%20Beam.pdf
Numerical Study And Design Rule For Axial Capacities Of Pultruded Gfrp Hollow Columns	Dr. M. Anbarasu	Civil Engineering	structures	2021-2022	2352-0124	https://www.researchgate.net/publication/359256303_Numerical_study_and_design_rule_for_axial_capacities_of_pultruded_GFRP_hollow_columns
Design Of Cold-Formed Steel Battened Built-Up Columns	Dr. M. Anbarasu	Civil Engineering	Journal of Constructional Steel Research	2021-2022	1873-5983	https://www.researchgate.net/publication/36000211_Design_of_cold-formed_steel_battened_built-up_columns
Stiffening Schemes For Cfs Built-Up I-Beams With Large Global Imperfections: Capacity And Behaviour	Dr. M. Anbarasu	Civil Engineering	Steel and Composite Structures	2021-2022	1598-6233	https://www.researchgate.net/publication/358901339_Stiffening_schemes_for_CFS_built-up_I-beams_with_large_global_imperfections_Capacity_and_behaviour
Cold-Formed Steel Battened Built-Up Columns: Experimental Behaviour And Verification Of Different Design Rules Developed	Dar A.R.;Vijayanand S.;Anbarasu M.;Dar M.A.,M Anbarasu	Civil Engineering	Advances in Structural Engineering	2021-2022	2048-4011	https://journals.sagepub.com/doi/abs/10.1177/136943322111048006?journalCode=asea
Effect Of Eccentricity Of Load On Buckling Behavior Of Frp Columns	M. Kasiviswanathan ., M. Anbarasu .,	Civil Engineering	Lecture Notes in Mechanical Engineering	2021-2022	2195-4364	https://link.springer.com/chapter/10.1007/978-981-16-4138-1_10
Cold-Formed Ferritic Stainless Steel Perforated Tubular Stub Columns: Behaviour And Design	Anbarasu M.	Civil Engineering	Thin-Walled Structures	2021-2022	1879-3223	https://www.sciencedirect.com/science/article/abs/pii/S0263823121006972
Transcription Correction Using Group Delay Processing For Continuous Speech Recognition	Rajan ,Golda Brunet ., A. Hema Murthy .,	Computer Science and Engineering	Circuits, Systems and Signal Processing	2021-2022	1531-5878	https://link.springer.com/article/10.1007/s00034-017-0598-2
An Enhanced Performance Evaluation Of Workflow Computing And Scheduling Using Hybrid Classification Approach In The Cloud Environment	A.M. Kalpana .,	Computer Science and Engineering	Bulletin of the Polish Academy of Sciences: Technical Sciences	2021-2022	0239-7528	https://journals.pan.pl/dlibra/publication/137728/edition/119989/content/bulletin-of-the-polish-academy-of-sciences-technical-sciences-an-enhanced-performance-evaluation-of-workflow-computing-and-scheduling-using-hybrid-classification-approach-in-the-cloud-environment-br-br-tharani-p-kalpana-a-m-2021-69-4?language=en
An Enhanced Performance Evaluation Of Workflow Computing And Scheduling Using Hybrid Classification Approach In The Cloud Environment	A.M. Kalpana .,	Computer Science and Engineering	Bulletin of the Polish Academy of Sciences: Technical Sciences	2021-2022	0239-7528	https://journals.pan.pl/dlibra/publication/137728/edition/119989/content/bulletin-of-the-polish-academy-of-sciences-technical-sciences-an-enhanced-performance-evaluation-of-workflow-computing-and-scheduling-using-hybrid-classification-approach-in-the-cloud-environment-br-br-tharani-p-kalpana-a-m-2021-69-4?language=en
An Enhanced Performance Evaluation Of Workflow Computing And Scheduling Using Hybrid Classification Approach In The Cloud Environment	P. Tharani ., A.M. Kalpana .,	Computer Science and Engineering	Bulletin of the Polish Academy of Sciences: Technical Sciences	2021-2022	0239-7528	https://journals.pan.pl/dlibra/publication/137728/edition/119989/content/bulletin-of-the-polish-academy-of-sciences-technical-sciences-an-enhanced-performance-evaluation-of-workflow-computing-and-scheduling-using-hybrid-classification-approach-in-the-cloud-environment-br-br-tharani-p-kalpana-a-m-2021-69-4?language=en
Estimation Of State Of Charge And State Of Health Of Batteries Using Hybrid Method And Recurrent Neural Networks	Manimala.K, Dr.A.M.Kalpana	Computer Science and Engineering	Journal of interdisciplinary cycle research	2021-2022	0022-1945	https://drive.google.com/file/d/1NNGj-ccvfdMPbj7aAq0-MsegbEBW2N/view

Estimation Of State Of Charge And State Of Health Of Batteries Using Hybrid Method And Recurrent Neural Networks	Manimala.K	Computer Science and Engineering	Journal of interdisciplinary cycle research	2021-2022	0022-1945	https://drive.google.com/file/d/1NNGj-cevfDMPbj7aAq0-MsegbEBW2N/view
An Efficient Automatic Accident Detection System Using Inertial Measurement Through Machine Learning Techniques For Powered Two Wheelers	A. Jackulin Mahariba, Annie Uthra R, Golda Brunet Rajan	Computer Science and Engineering	Expert Systems with Applications, Elsevier	2021-2022	1873-6793	https://www.sciencedirect.com/science/article/abs/pii/S0957417421016808?via%3Dihub
Big Data Feature Selection Using Fish And Frog Optimization	Manikandan R. P. S. ., Kalpana A. M. .	Computer Science and Engineering	Computational Intelligence	2021-2022	1467-8640	https://onlinelibrary.wiley.com/doi/abs/10.1111/coin.12483
Big Data Feature Selection Using Fish And Frog Optimization	Manikandan R. P. S. ., Kalpana A. M. .	Computer Science and Engineering	Computational Intelligence	2021-2022	1467-8640	https://onlinelibrary.wiley.com/doi/abs/10.1111/coin.12483
Automatic Mask Wearing Detection And Temperature Detection Using Raspberry Pi	Mr.A.Sampath1 , Dr. T.R. Sumithira2 ,B.Yogasivashankar3 and J.K.Nithesh Sharma4	Electrical and Electronics Engineering	2th International Conference on Advances in Computing, Control, and	2021-2022	2395-5287	https://scholar.google.co.in/scholar?q=Automatic+mask+wearing+detection+and+temperature+detection+using+raspberry+pi&hl=en&as_sdt=0&as_vis=1&oi=scholar
Improvement Of Static Voltage Gain Of A Non-Isolated Positive Output Single-Switch Dc-Dc Converter Structure Using A Diode-Capacitor Cell	D. Murali and S. Annapurani	Electrical and Electronics Engineering	Mathematical Modelling of Engineering Problems	2021-2022	2369-0739	https://iijeta.org/journals/mmep/paper/10.18280/mmep.080411
Application Of Short-Duration And High-Intensity Voltage Pulses For Food Processing And Storage Studies In Different Packaging Materials	G. Sujatha, T. Sivakumar, D. Murali	Electrical and Electronics Engineering	International Journal of Current Research and Review	2021-2022	0975-5241	https://ijcrr.com/uploads/4068_.pdf
A Multi-Objective Multi-Verse Optimization Algorithm For Dynamic Load Dispatch Problems	Srinivasa Acharya ., S. Ganesan ., D. Vijaya Kumar ., S. Subramanian .,	Electrical and Electronics Engineering	Knowledge-Based Systems	2021-2022	1060-2186	https://www.sciencedirect.com/science/article/abs/pii/S0950705121006730
Deep Learning Analysis Of Location Sensor Data For Human-Activity Recognition	Hariprasath Manoharan ., Ganesan Sivarajan ., Subramanian Srikrishna .,	Electrical and Electronics Engineering	Sensor Data Analysis and Management: The Role of Deep Learning	2021-2022	1613-6829	https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119682806.ch6
A Hybridized Approach For Design And Optimization Of Combined Economic Emission Dispatch	Srinivasa Acharya ., Ganesan Sivarajan ., D. Vijaya Kumar ., Subramanian Srikrishna .,	Electrical and Electronics Engineering	Energy Sources, Part B: Economics, Planning and Policy	2021-2022	1556-7257	https://www.sciencedirect.com/science/article/abs/pii/S2214785321028790
Maximum Power Point Tracking Of Pv Grids Using Deep Learning	K. Rafeeq Ahmed ., Farrukh Sayeed ., K. Logavani ., T. J. Catherine ., Shimpy Ralhan ., Mahesh Singh ., R. Thandaiah Prabu ., B. Bala Subramanian ., Adane Kassa .,	Electrical and Electronics Engineering	International Journal of Photoenergy	2021-2022	687-529X	https://www.hindawi.com/journals/ijp/2022/1123251/
Reinvention Of Health Applications With Iot Challenges And Solutions	R. Shobana ., K. Logavani	Electrical and Electronics Engineering	Taylor and Francis group	2021-2022	1E+13	https://www.routledge.com/Reinvention-of-Health-Applications-with-IoT-Challenges-and-Solutions/Ambikapathy-R-Logavani-Dharmasa/p/book/9780367763343
State Estimation With Trusted Phasor Measuring Unit Placements Of Distribution System Involving Renewable Energy Sources	Ganesan S	Electrical and Electronics Engineering	International Journal of Engineering Business Management	2021-2022	1847-9790	https://journals.sagepub.com/doi/full/10.1177/18479790221106307
Current Mode Proportional Resonant Controlled Dc Micro Grid System With Enhanced Response	Balaji B.;Ganesan S.;Pugazhendiran P.;Subramanian S.	Electrical and Electronics Engineering	IOP Conference Series: Earth and Environmental Science	2021-2022	1755-1315	https://iopscience.iop.org/article/10.1088/1755-1315/1100/1/012027/meta
Optimal Pmu Placements Using Sea Lion Optimization For Adaptable Distribution System	Thamaraiselvi Arivazhagan ., Subramanian Srikrishna ., Naveenkumar Kaliyan ., Ganesan Sivarajan .,	Electrical and Electronics Engineering	Journal of Measurements in Engineering	2021-2022	2424-4635	https://www.extrica.com/article/22346
Maximum Power Point Tracking Of Pv Grids Using Deep Learning	K. Rafeeq Ahmed ., Farrukh Sayeed ., K. Logavani ., T. J. Catherine ., Shimpy Ralhan ., Mahesh Singh ., R. Thandaiah Prabu ., B. Bala Subramanian ., Adane Kassa .,	Electrical and Electronics Engineering	International Journal of Photoenergy	2021-2022	1687-529X	https://www.hindawi.com/journals/ijp/2022/1123251/
Sparse Based Recurrent Neural Network Long Short Term Memory (Rnn-Lstm) Model For The Classification Of Ecg Signals	Sampath A, Sumithira T R	Electrical and Electronics Engineering	Applied Artificial Intelligence An International Journal	2021-2022	10000000	https://www.tandfonline.com/doi/full/10.1080/08839514.2021.2018183
Enabling Continuous Connectivity Services For Ambrosus Block Chain Application By Incorporating 5g-Multilevel Machine Learning Orchestrations	Nagaraj V, Sumithira T R	Electrical and Electronics Engineering	Journal of Intelligent and Fuzzy Systems	2021-2022	1875-8967	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs211745
Multi-Phase Permanent Magnet Generator With Halbach Array For Direct Driven Wind Turbine: A Hybrid Technique	Janarthanan Balakrishnan ., Chinnathambi Govindaraju .,	Electrical and Electronics Engineering	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2021-2022	1556-7036	https://www.tandfonline.com/doi/abs/10.1080/15567036.2022.2086324
Solar Based High Stepup Transformerless Standalone Inverter Using Control Techniques	V. Geetha and K. Tamilarasan	Electrical and Electronics Engineering	International Journal of Creative Research Thoughts	2021-2022	2320-2882	https://ijcrt.org/papers/IJCRT22A6364.pdf

Steady-State Performance Characteristics Of A Dc Motor Fed By Quadratic Dc-Dc Boost Converter	Dr. D. Murali M. Vanitha	Electrical and Electronics Engineering	International Journal of Emerging Trends in Engineering Research	2021-2022	2347 - 3983	https://drive.google.com/file/d/1xRqE-791qxixVaKaaT5vqbLKgxUKWJII/view
Steady-State Performance Characteristics Of A Dc Motor Fed By Quadratic Dc-Dc Boost Converter	M.Vanitha and D.Murali	Electrical and Electronics Engineering	International Journal of Emerging Trends in Engineering Research	2021-2022	2347 - 3983	https://www.warse.org/IJETER/static/pdf/file/ijeter091062022.pdf
Use Of Boost Power Stage For Static Voltage Gain Improvement Of A Non-Isolated Continuous Input Current Three-Level Dc-Dc Converter	D. Murali and V. Girija	Electrical and Electronics Engineering	Journal of Applied Research and Technology	2021-2022	2448-6736	https://jart.icat.unam.mx/index.php/jart/article/view/1704/893
State Estimation With Trusted Pmu Placements Of Distribution System Involving Renewable Energy Sources	ThamaraiselviArivazhagan, Subramanian Srikrishna, KaliyanNaveenkumar, GanesanSivarajan	Electrical and Electronics Engineering	International Journal of Engineering Business Management.	2021-2022	1847-9790	https://journals.sagepub.com/doi/10.1177/18479790221106307?cid=int.sj-full-text.similar-articles.5
Current Mode Fopid Controlled Dc Micro-Grid System With Enhanced Response	B.Balaji, S.Ganesan, P. Pugazhendiran, and S. Subramanian	Electrical and Electronics Engineering	Journal of Harbin Institute of Technology	2021-2022	1755-1315	https://iopscience.iop.org/article/10.1088/1755-1315/1100/1/012027/meta
Modified Satin Bowerbird For Distributed Generation In Remotely Controlled Voltage Bus.	Dharani Sree, K and Karpagavalli, P	Electrical and Electronics Engineering	Intelligent Automation \& Soft Computing	2021-2022	2326-005X	https://www.techscience.com/iasc/v35n1/48115
Grey Wolf Optimizer And Cuckoo Search Algorithm For Electric Power System State Estimation With Load Uncertainty And False Data	Rajendra K.;Subramanian S.;Karthik N.;Naveenkumar K.;Ganesan S.	Electrical and Electronics Engineering	International Journal on Recent and Innovation Trends in Computing and Communication	2021-2022	2321-8169	https://ijritcc.org/index.php/ijritcc/article/view/6029
Black Widow Optimization For Multi Area Economic Emission Dispatch	G. Girishkumar ., S. Ganesan ., N. Jayakumar ., S. Subramanian .,	Electrical and Electronics Engineering	Intelligent Automation and Soft Computing	2021-2022	2326-005X	https://www.techscience.com/iasc/v35n1/48161
Lung Cancer Detection And Improving Accuracy Using Linear Subspace Image Classification Algorithm	G. Kavithaa ., P. Balakrishnan ., S. A. Yuvaraj .,	Electronics and Communication Engineering	Interdisciplinary Sciences – Computational Life Sciences	2021-2022	1867-1462	https://link.springer.com/article/10.1007/s12539-021-00468-x
A Prognostic Energy Optimization Technique With Unified Power Quality Conditioner For Energy Stabilization In Grid System	G. Kavithaa ., P. Balakrishnan ., S.A. Yuvaraj .,	Electronics and Communication Engineering	Computers and Electrical Engineering	2021-2022	0045-7906	https://www.sciencedirect.com/science/article/abs/pii/S004579062100330X
Finger Print System Used In Vehicle Documents Verification	Prof.I.Kalpana.,M.Priyadharshini.	Electronics and Communication Engineering	International Research Journal of Modernization in Engineering Technology and Science	2021-2022	2582-5208	https://www.ijrmets.com/uploadedfiles/paper/volume_3/issue_9_september_2021/16478/final/fin_ijrmets1633102006.pdf
A Novel Fetal Ecg Signal Extraction From Maternal Ecg Signal Using Conditional Generative Adversarial Networks (Cgan)	Senthil Vadivu M.;Kavithaa G.	Electronics and Communication Engineering	Journal of Intelligent and Fuzzy Systems	2021-2022	1875-8967	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs212465
Design And Analysis Of Frequency Reconfigurable Mimo Antenna For 5g	I.Kalpana.,M.Priyadharshini.	Electronics and Communication Engineering	Journal of Science, computing and engineering research	2021-2022	2708-1079	https://jscer.org/wp-content/uploads/2022/2022-Volume%203-Issue%201/New2/JSCER030111.pdf
Extraction Of Cursive Writing Characters	J. Ajeetha Thasneem , D. Manibharathi	Electronics and Communication Engineering	International Journal of Advances in Engineering and Management (IJAEM)	2021-2022	2581-4621	https://ijaem.net/issue_dcp/Extraction%20of%20Cursive%20Writing%20Character.pdf
Implementation Of Soft Computing Techniques For Luo Converter	P. Deepthi Dr. M. Dhinakaran	Electronics and Communication Engineering	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	2021-2022	2321-2004	https://ijreice.com/wp-content/uploads/2021/10/IJIRE EICE.2021.91009.pdf
A System Of Remote Patients' Monitoring And Alerting Using The Machine Learning Technique	M. Dhinakaran	Electronics and Communication Engineering	Artificial Intelligence in Food Quality Improvement	2021-2022	1745-4557	https://www.hindawi.com/journals/jfq/2022/6274092/
Implementation Of Soft Computing Techniques For Luo Converter	Dr. M. Dhinakaran P. Deepthi	Electronics and Communication Engineering	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	2021-2022	2321-2004	https://ijreice.com/wp-content/uploads/2021/10/IJIRE EICE.2021.91009.pdf
Use of Boost Power Stage for Static Voltage gain Improvement of a Non-isolated Continuous Input Current Three-level DC-DC Converter	D. Murali and V. Girija	Electrical and Electronics Engineering	Journal of Applied Research and Technology	2021-2022	2448-6736	https://jart.icat.unam.mx/index.php/jart/article/view/1704/893
The Recent Advancements Of Radio Frequency Machine Learning (Rfml) Approaches In Enhancing Wireless Security Using Multi Regression Analysis Approach (Mraa)	Zarrarahmed Z Khan ., M. Dhinakaran ., P. Deepthi ., Siti Sarawati Johar ., Randy Joy Magno Ventayen ., R. Kalpana .,	Electronics and Communication Engineering	2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022	2021-2022	2562-9034.	https://ieeexplore.ieee.org/document/9823548

Enhancement Of Energy Efficiency Using Environmentally Benign Refrigerant Blends In Vapour Compression Refrigeration System	Dr. R. Vijayan	Mechanical Engineering	Advances in Industrial Automation and Smart Manufacturing/ Springer	2021-2022	2193-1801	https://doi.org/10.1007/978-981-15-4739-3_88
Relative Assessment Of Performance And Emission Characteristics Of Various Biodiesel Water Emulsion Blends In Di Diesel Engine	Senthur N.S.;Jose V.J.;Kumar M.M.;Raja M.E.	Mechanical Engineering	Materials Today: Proceedings	2021-2022	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785320318150
Experimental Study On The Thermal Performance Of A Kno2-Kno3 Mixture In A Trapezoidal Solar Pond	P.Dineshkumar and M.Raja	Mechanical Engineering	Journal of Mechanical Science and Technology	2021-2022	1976-3824	https://link.springer.com/article/10.1007/s12206-021-1145-4
Study And Analysis Of Drilling Parameters Using Tlbo Algorithm On Gfrp Composites	P. Natarajan ., S. Ganesan .,	Mechanical Engineering	Materials Today: Proceedings	2021-2022	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785321033472
Study And Analysis Of Drilling Parameters Using Tlbo Algorithm On Gfrp Composites	M. Mohanraj ., R. Sathish Kumar ., T. Venugopal ., P. Natarajan ., S. Ganesan .,	Mechanical Engineering	Materials Today: Proceedings	2021-2022	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785321033472
A Study On Tribological Behaviour Of Electro Discharge Deposited Ze41a Magnesium Alloy Using Wear Map	Elaiyarasan U.;Satheeshkumar V.;Senthilkumar C.	Mechanical Engineering	Archives of Metallurgy and Materials	2021-2022	2300-1909	https://www.imim.pl/files/archiwum/Vol2_2021/06.pdf
Parametric Effect On Material Removal Rate And Surface Roughness Of Electrical Discharge Machined Magnesium Alloy	Narayanasamy Ananthi ., Uthirapathi Elaiyarasan ., Vinaitheerthan Satheeshkumar ., Chinnamuthu Senthilkumar ., Subbarayan Sathiyamurthy ., Kaliyamoorthi Nallathambi .,	Mechanical Engineering	Metallurgical Research and Technology	2021-2022	2271-3646	https://www.metallurgical-research.org/articles/metal/abs/2021/06/metal210144/metal210144.html
Experimental Study On The Thermal Performance Of A Kno²-Kno³ Mixture In A Trapezoidal Solar Pond	P. Dineshkumar ., M. Raja .,	Mechanical Engineering	Journal of Mechanical Science and Technology	2021-2022	1976-3824	https://link.springer.com/article/10.1007/s12206-021-1145-4
Numerical And Experimental Investigations On Gfrp And Aa 6061 Laminate Composites For Deep-Drawing Applications	Kavitha Kalidass, Vijayan Raghavan	Mechanical Engineering	Materials and Technology	2021-2022	1580-2949	https://mater-tehnol.si/index.php/MatTech/article/view/364
Experimental Study On The Drilling Parameter Analysis Of Banana Fiber Reinforced Vajram Mixed Phenolic Resin Composite Laminates	Kumar R.S.;Mohanraj M.;Natarajan P.;Julias A.A.;Ravishankar S.	Mechanical Engineering	Journal of Natural Fibers	2021-2022	1544-046X	https://www.tandfonline.com/doi/full/10.1080/15440478.2021.1993412
Evaluation On The Microhardness Of Ni-Tio²- Nanocomposite Coatings On Aisi 1022 Substrate	P. Natarajan ., M. Mohanraj ., R. Sathish Kumar ., A. Thirumoorthy ., S. Prabhakaran .,	Mechanical Engineering	Materials Today: Proceedings	2021-2022	2214-7853	https://www.researchgate.net/publication/363052679_Evaluation_on_the_microhardness_of_Ni-TiO2_nanocomposite_coatings_on_AISI_1022_substrate
Experimental Study On The Drilling Parameter Analysis Of Banana Fiber Reinforced Vajram Mixed Phenolic Resin Composite Laminates	Kumar R.S.;Mohanraj M.;Natarajan P.;Julias A.A.;Ravishankar S.	Mechanical Engineering	Journal of Natural Fibers	2021-2022	1544-046X	https://www.tandfonline.com/doi/full/10.1080/15440478.2021.1993412
Evaluation On The Microhardness Of Ni-Tio²- Nanocomposite Coatings On Aisi 1022 Substrate	P. Natarajan ., M. Mohanraj ., R. Sathish Kumar ., A. Thirumoorthy ., S. Prabhakaran .,	Mechanical Engineering	Materials Today: Proceedings	2021-2022	2214-7853	https://www.researchgate.net/publication/363052679_Evaluation_on_the_microhardness_of_Ni-TiO2_nanocomposite_coatings_on_AISI_1022_substrate
A Comprehensive Study On The Effect Of Dimethyl Carbonate Oxygenate And Egr On Emission Reduction, Combustion Analysis, And Performance Enhancement Of A Crdi Diesel Engine Using A Blend Of Diesel And Prosopis Juliflora Biodiesel	T. Ramesh ., A.P. Sathiyagnanam ., Melvin Victor De Poures ., P. Murugan .,	Mechanical Engineering	International Journal of Chemical Engineering	2021-2022	1687-806X	https://www.hindawi.com/journals/ijce/2022/5717362/
Combined Effect Of Compression Ratio And Fuel Injection Pressure On Ci Engine Equipped With Crdi System Using Prosopis Juliflora Methyl Ester/ Diesel Blends	57. T. Ramesh, A. P. Sathiyagnanam, Melvin Victor De Poures, P. Murugan	Mechanical Engineering	International Journal of Chemical Engineering	2021-2022	1687-806X	https://www.hindawi.com/journals/ijce/2022/4617664/
Prediction Of Thermal Performance And Exhaust Emissions Of A Diesel Engine Fueled With Simmondsia Chinensis Oil Methyl Ester Using Ann	Karthikeyan Subramanian ., Sathiyagnanam Amudhavalli Paramasivam, Damodharan Dillikannan, Manickam Muthu & Prasanna Raj Yadav Sanjeevi	Mechanical Engineering	International Journal of Ambient Energy	2021-2022	2162-8246	https://tandfonline.com/doi/abs/10.1080/01430750.2022.2103184
Effect Of Wc-Cu Composite Electrodes On Material Deposition Rate, Microhardness And Microstructure Of Electrical Discharge Coated Magnesium Alloy	N. ANANTHI ., U. ELAIYARASAN ., V. SATHEESHKUMAR ., C. SENTHILKUMAR ., S. SATHIYAMURTHY .,	Mechanical Engineering	Surface Review and Letters	2021-2022	1793-6667	https://www.researchgate.net/publication/358671388_EFFECT_OF_WC-Cu_COMPOSITE_ELECTRODES_ON_MATERIAL_DEPOSITION_RATE_MICROHARDNESS_AND_MICROSTRUCTURE_OF_ELECTRICAL_DISCHARGE_COATED_MAGNESIUM_ALLOY
Mathematical And Artificial Neural Network Model In Composite Electrode Assisted Electrical Discharge Coating	U Elaiyarasan ., V Satheeshkumar ., C Senthilkumar ., C Nandakumar .,	Mechanical Engineering	Surface Topography: Metrology and Properties	2021-2022	2051-672X	https://iopscience.iop.org/article/10.1088/2051-672X/ac63d7

Performance Analysis Of Nano Silicon Carbide Reinforced Swept Friction Stir Spot Weld Joint In Aa6061-T6 Alloy	Suresh S.;Venkatesan K.;Natarajan E.;Rajesh S.	Metallurgical Engineering	Silicon	2021-2022	1876-9918	https://www.researchgate.net/publication/345502627_Performance_Analysis_of_Nano_Silicon_Carbide_Reinforced_Swept_Friction_Stir_Spot_Weld_Joint_in_AA6061-T6_Alloy
A Literature Review On Hardfacing And Its Welding Allies	Gowthaman G , Thenammai N , Neel	Metallurgical Engineering	International Journal for Science and Advance Research In Technology	2021-2022	2395-1052	https://ijsart.com/Content/PDFDocuments/IJSARTV6I1241719.pdf
A Literature Review On Hardfacing And Its Welding Allies	Gowthaman G , Thenammai N , Neel	Metallurgical Engineering	International Journal for Science and Advance Research In Technology	2021-2022	2395-1052	https://ijsart.com/Content/PDFDocuments/IJSARTV6I1241719.pdf
A Literature Review On Hardfacing And Its Welding Allies	Gowthaman G , Thenammai N , Neel	Metallurgical Engineering	International Journal for Science and Advance Research In Technology	2021-2022	2395-1052	https://ijsart.com/Content/PDFDocuments/IJSARTV6I1241719.pdf
A Study Of The Optimization And Characterization Of Friction Stir Welded Aa5083 And Aa6082	Noorullah D .,	Metallurgical Engineering	International Research Journal on Advanced Science Hub	2021-2022	2582-4376	https://www.researchgate.net/publication/357024916_A_Study_of_the_Optimization_and_Characterization_of_Friction_Stir_Welded_AA5083_and_AA6082
Emancipation Of Women In Shashi Deshpande's Roots And Shadows	P. Sakthivel and Dr. P. Santhi	English	International Journal of Health Sciences	2021-2022	2249-894X	https://media.neliti.com/media/publications/415882-emanicipation-of-women-in-the-select-nove-afid2ed2.pdf
Psychological Servitude Of Bim In Anita Desai's 'Clear Light Of Day'	P. Sakthivel and Dr. P. Santhi	English	Elementary Education Online	2021-2022	4573-4576	https://bibliomed.org/mnsfulltext/218/218-1617703181.pdf?1706011038
Emancipation Of Women In The Select Novels Of Shashi Deshpande	P. Sakthivel ., P. Santhi .,	English	International Journal of Health Sciences	2021-2022	2550-696X	https://sciencescholar.us/journal/index.php/ijhs/article/view/4895
Modifying Translucent Carbon Electrode For Recurrent Determination Of 1, 2-Dihydroxy Benzene	S. Deepa	Physics	J. Environ. Nanotechnol.,	2021-2022	2319-5541	https://nanoenv.org/journals/index.php/jent/article/view/920
Skin Lesion Detection With A Healthcare Information Classifier Using A Unique Lightweight Deep Learning Framework	T saravanan,S saravana kumar,S Deepa	Physics	Neuroquantology	2021-2022	1303-5150	https://www.researchgate.net/publication/361324805_Skin_Lesion_Detection_with_a_Healthcare_Information_Classifier_using_a_Unique_Lightweight_Deep_Learning_Framework
Synthesis, Characterization And Biological Evaluation Of Metal(II) Complexes Containing Triphenylphosphine And Schiff Base Ligand Based On 3-Methoxysalicylaldehyde	G. Gokulnath ., P. Anitha ., R. Manikandan ., C. Umarani .,	Chemistry	Asian Journal of Chemistry	2021-2022	0970-7077	https://www.researchgate.net/publication/353469860_Synthesis_Characterization_and_Biological_Evaluation_of_MetalII_Complexes_Containing_Triphenylphosphine_and_Schiff_Base_Ligand_Based_on_3-Methoxysalicylaldehyde
Synthesis, Characterization And Antibacterial Studies Of Co(II), Ni(II) And Cu(II) Complexes Containing Triphenylphosphine And Schiff Base Ligand Based On Salicylaldehyde	G. Gokulnath ., R. Manikandan ., P. Anitha ., C. Umarani .,	Chemistry	Rasayan Journal of Chemistry	2021-2022	0976-0083	https://rasayanjournal.co.in/admin/php/upload/3395_pdf.pdf
Synthesis, Characterization, In Vitro Antimicrobial And Anticancer Activity Of Metal(II) Complexes Of Schiff Base-Derived From 3-Formyl-2-Mercaptoquinoline And Thiosemicarbazide	Ganesan Gokulnath ., Rajendran Manikandan ., Panneerselvam Anitha ., Chinnusamy Umarani .,	Chemistry	Phosphorus, Sulfur and Silicon and the Related Elements	2021-2022	1042-6507	https://www.sciencedirect.com/org/science/article/abs/pii/S1040663822006789
Flexural Behaviour Of Metakaolin Concrete Associated With River Sand And M-Sand	R.S.Ravichandran	Civil Engineering	Design Engineering	2022-2023	2395-0072	https://www.ijert.org/strength-assessment-of-concrete-made-with-metakaolin-and-m-sand
Cold-Formed Ferritic Stainless Steel Closed-Section Built-Up Beams: Tests And Flexural Response	Dr. M. Anbarasu	Civil Engineering	Thin-Walled Structures	2022-2023	1879-3223	https://www.researchgate.net/publication/361983203_Cold-formed_ferritic_stainless_steel_closed-section_built-up_beams_Tests_and_flexural_response
Investigation On Cold Formed Steel Channel Section With Curved Flanges Subjected To Axial Compression	Dr. M. Anbarasu	Civil Engineering	Advances in Structural Mechanics and Applications	2022-2023	2522-5618	https://www.researchgate.net/publication/361155206_Investigation_on_Cold_Formed_Steel_Channel_Section_with_Curved_Flanges_Subjected_to_Axial_Compression
Development Of Sustainable Earthquake Resistant Building For Future Generations	V Chandrikka, D Shoba Rajkumar	Civil Engineering	International Conference on Civil Engineering Innovative Development in Engineering Advances	2022-2023	2366-2565	https://link.springer.com/chapter/10.1007/978-981-99-6233-4_22
Seismic Analysis And Design Of A Six Storey Building By Space Frame Methodand Staad Pro	Dr.D.Shoba Rajkumar, K.R.Dharanika	Civil Engineering	Journal of Engineering Analysis and Design	2022-2023	2582-5607	https://zenodo.org/record/7611514/files/Seismic%20Analysis%20and%20Design%20of%20A%20Six%20Storey%20Building%20by%20Space%20Frame%20Method%20and%20STAAD%20Pro.pdf
Numerical Analysis Of Rc Shear Wall Subjected To Monotonic Loading	R Shobana, D Shoba Rajkumar	Civil Engineering	International Journal of Engineering Research and Technology	2022-2023	2582-5607	https://www.eurchembull.com/uploads/paper/8739622fa71c530533e0896a7b7b1eb6.pdf

Evaluation Of The Rheological And Durability Performance Of Sustainable Selfcompacting	Dr. M. Anbarasu	Civil Engineering	Sustainability	2022-2023	2071-1050	https://www.mdpi.com/2071-1050/15/5/4212
Intermittently Stiffened Cold-Formed Steel Gfrp Composite Lightweight Built-Up Beams: Experimental Investigation And Performance	Dr. M. Anbarasu	Civil Engineering	Thin-Walled Structures	2022-2023	1879-3223	https://www.sciencedirect.com/science/article/abs/pii/S0263823123001088?via%3Dihub
Effect Of Load Eccentricity On Buckling Behavior Of Frp Composite Columns With Open And Close Cross Sections	Dr. M. Anbarasu	Civil Engineering	Advances in Computational Design	2022-2023	2466-0523	https://www.techno-press.org/content/?page=article&journal=acd&volume=8&num=1&ordernum=4
Effect Of Chloride On Accelerated Corrosion Of Steel Rebar In Alkali-Activated Fly Ash And Paper Sludge Ash-Reinforced Concrete	Dr.P.Senthamilselvi	Civil Engineering	International Journal of ELECTROCHEMICAL SCIENCE	2022-2023	1452-3981	http://www.electrochemsci.org/papers/vol17/221298.pdf
Seismic Analysis Of Rc Building (G+9) By Response Spectrum Method	R. Shobana S. Sivakumar a,ft , R. Shobana b , E. Aarthy c , S. Thenmozhi d , V. Gowri e , B. Sarath Chandra Kumar f	Civil Engineering	Materials Today: Proceedings	2022-2023	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785323017261?via%3Dihub
Replacement Of Coarse Aggregates By Industrial Slag	Syed Omar Ballari ., M. Raffikbasha ., Anil Shirgire ., Lalit S. Thakur ., S. Thenmozhi ., B. Sarath Chandra Kumar .,	Civil Engineering	Materials Today: Proceedings	2022-2023	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785323015092
Experimental Investigation on Buckling Behaviour of Transmission Tower Using Cold Formed and Hot Rolled Steel	S. Gayathri ., S. Saranya ., M. Kasiviswanathan .,	Civil Engineering	Springer	2022-2023	2455-9199	https://link.springer.com/chapter/10.1007/978-3-030-93936-6_58
Mechanical And Tribological Properties Of Snake Grass Fibers Reinforced Epoxy Composites: Effect Of Java Plum Seed Filler Weight Fraction	Devi S	Civil Engineering	International Polymer Processing	2022-2023	2195-8602	https://www.degruyter.com/document/doi/10.1515/ipp-2023-4376/html
Design Challenges In Mimo Antenna For Wireless Application	K.Jayanthi, Dr.A.M.Kalpana	Computer Science and Engineering	National Conference on “ Emerging Technologies in Electrical systems”	2022-2023	0267-6192	https://openurl.ebsco.com/EPDB%3Agcd%3A4%3A15610372/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A162102147&crl=c
Feature Selection Using Fish Swarm Optimization In Big Data	RPS Manikandan, AM Kalpana	Computer Science and Engineering	Cluster Computing, Springer	2022-2023	1573-7543	https://link.springer.com/article/10.1007/s10586-017-1182-z
Qualitative Abnormalities Of Peripheral Blood Smear Images Using Deep Learning Techniques	G. Arutperumjothi, K. Suganya Devi, C. Rani and P. Srinivasan	Computer Science and Engineering	Intelligent Automation & Soft Computing	2022-2023	2326-005X	https://tsp.techscience.com/iasc/v35n1
Hybdeepnet: Ecg Signal Based Cardiac Arrhythmia Diagnosis Using A Hybrid Deep Learning Model	C. Sathesh Pandian, Dr. A. M. Kalpana	Computer Science and Engineering	Journal of Information Technology and Control	2022-2023	2335-884X	https://itc.ktu.lt/index.php/ITC/article/view/33302
Inverted Matchstick Slotted Rectangular Patch (Imsrp) Antenna For Dual-Band (28/38ghz) 5g - Mm Wave Applications	K. Jayanthi, Dr. A. M. Kalpana	Computer Science and Engineering	Journal Of Nano-And Electronic Physics	2022-2023	2077-6772	https://www.proquest.com/openview/a1d6aa443c8afc51cbbe0584a72525f6/1?pq-origsite=gscholar&cbl=2032533
Prediction Of Suitable Crops Using Stacked Scaling Conjugant Neural Classifier	P Nithya, AM Kalpana	Computer Science and Engineering	Intelligent Automation & Soft Computing	2022-2023	10000000	https://www.techscience.com/iasc/v35n3/49401/pdf
Inverted Matchstick Slotted Rectangular Patch (Imsrp) Antenna For Dual-Band (28/38ghz) 5g - Mm Wave Applications	K. Jayanthi ., A. M. Kalpana ., D. Kumutha ., M. Jeyabharathi ., P. Sharmila ., V. Devi Priya .,	Computer Science and Engineering	Journal of Nano-and Electronic Physics	2022-2023	2306-4277	https://jnep.sumdu.edu.ua/download/numbers/2023/3/articles/en/jnep_15_3_03022.pdf
Design Of Six Element Mimo Antenna With Enhanced Gain For 28/38 Ghz Mm-Wave 5g Wireless Application	K. Jayanthi ., A. M. Kalpana .,	Computer Science and Engineering	Computer Systems Science and Engineering	2022-2023	0267-6192	https://www.techscience.com/css/v46n2/51628/pdf
Prediction Of Suitable Crops Using Stacked Scaling Conjugant Neural Classifier	P. Nithya ., A. M. Kalpana .,	Computer Science and Engineering	Intelligent Automation and Soft Computing	2022-2023	2326-005X	https://www.techscience.com/iasc/v35n3/49401
Sliding Mode Controlled Dc Microgrid System With Enhanced Response	Balaji B.;Ganesan S.;Pugazhendiran P.;Subramanian S.	Electrical and Electronics Engineering	Journal of Control and Decision	2022-2023	2330-7714	https://www.tandfonline.com/doi/abs/10.1080/23307706.2022.2120556
Broadband Plus-Shaped Metasurface Absorber Based On Graphene For Visible And Ultraviolet Regions	K. E. Lakshmiprabha ., C. Govindaraju ., G. Mahendran .,	Electrical and Electronics Engineering	Optical and Quantum Electronics	2022-2023	0306-8919	https://www.researchgate.net/publication/364024413_Broadband_plus-shaped metasurface absorber based_on_graphene_for_visible_and_ultraviolet_regions
Combined Phase Balancing And Reconfiguration For Unbalanced Distribution System Optimization Through Hybrid Fuzzy-Mfoa	G. Mahendran ., C. Govindaraju .,	Electrical and Electronics Engineering	Journal of Ambient Intelligence and Humanized Computing	2022-2023	1868-5145	https://link.springer.com/article/10.1007/s12652-021-02966-8
Generation Of Maximum Power In Grid Connected Pv System Based Mppt Control Using Hybrid Elephant Herding Optimization Algorithm	S. Vijayakumar ., C. Govindaraju .,	Electrical and Electronics Engineering	Electric Power Components and Systems	2022-2023	1532-5016	https://www.tandfonline.com/doi/abs/10.1080/15325008.2022.2136293

On-Grid Solar Powered Milk Processing: Development And Cost Analysis	R. PrakashRaja, G. Sujatha, D. Baskaran, V. Perasiryan, and D. Murali	Electrical and Electronics Engineering	Journal of Food Processing and Preservation	2022-2023	1745-4549	https://ifst.onlinelibrary.wiley.com/doi/10.1111/jfpp.17002
Distribution System State Estimation Using Scaled Pmplacement In Optimal Locations	ThamaraiselviArivazhagan, Subramanian Srikrishna, Yamuna G, Sasikala J, and S. Ganesan	Electrical and Electronics Engineering	Harbin GongyeDaxueXuebao/Journal of Harbin Institute of Technology	2022-2023	1755-1315	http://hebgdxbx.periodicales.com/index.php/JHIT/article/view/1208
Multi Area Power Dispatch Using Black Widow Optimization Algorithm	G.Girishkumar, S.Ganesan, N.Jayakumar,S.Subramanian	Electrical and Electronics Engineering	International Journal of Computer Science and Network Security	2022-2023	1738-7906	http://paper.ijcns.org/07_book/202210/20221016.pdf
Profit Maximization Of Generation Companies Considering Renewable Energy Integration And Unit Forced Outage Rates	S. Sivasakthi, S. Ganesan and S. Subramanian	Electrical and Electronics Engineering	International Journal of Information Technology and Electrical Engineering	2022-2023	2306-708X	http://www.iteejournal.org/Archive_oct_2022.php
High Voltage Gain Dc-Dc Converter With Switching Inductor And Two Switches	Dr. Karpagavalli V. Roja	Electrical and Electronics Engineering	International Research Journal Of Modernization In Engineering Technology And Science	2022-2023	2582-5208	https://www.google.com/url?q=https://www.doi.org/10.56726/IRJMET35036&sa=D&source=apps-viewer-frontend&ust=1707199484394104&usg=AOvVaw2PSIZ4uEqpxy75RErmEBgW&hl=en
High Gain Modified Based On Switched Inductor Modified Double-Boost Dc/Dc	Akshaya Meera. G, D. Ashokararaju	Electrical and Electronics Engineering	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2022-2023	2321-9653	https://www.ijraset.com/best-journal/high-gain-modified-boost-converter-with-switched-inductor
Comparative Review On High Gain Transformerless Dc-Dc Conversion Topologies	V.Geetha, and K.Keerthana	Electrical and Electronics Engineering	International Journal of Creative Research Thoughts	2022-2023	2320-2882	https://ijcrt.org/papers/IJCRT2301128.pdf
Step-Up Converter With High Voltage Gain Using Quasi Switched Inductor And Capacitor	V.Geetha, and K.Keerthana	Electrical and Electronics Engineering	International Journal of Scientific Research in Engineering and Management	2022-2023	2582-3930	https://ijsrem.com/download/step-up-converter-with-high-voltage-gain-using-quasi-switched-inductor-and-capacitor/
Review On Converters Used In Electric Vehicle Drive System	A,AnuPriya and S. Senthilkumar	Electrical and Electronics Engineering	International Journal for Modern Trends in Science and Technology	2022-2023	2455-3778	http://www.ijmtst.com/volume9/issue01/1.IJMTST0901028.pdf
Review On Control Techniques For Bldc Motor	AnuPriya A and S. Senthilkumar	Electrical and Electronics Engineering	International Journal for Modern Trends in Science and Technology	2022-2023	2455-3778	http://www.ijmtst.com/volume9/issue04/12.IJMTST0904032.pdf
Design And Implementation Of A Modified Boost Inverter Topology With Reduced Power Switches	L.ThirumalaiVasan and A. Rubymeena	Electrical and Electronics Engineering	International Research Journal of Modernization in Engineering Technology and Science	2022-2023	2582-5208	https://www.irjmets.com/uploadedfiles/paper//issue_1_january_2023/32914/final/fin_irjmets1673432004.pdf
Design And Implementation Of Single Stage Dual Leg Inverter For Hybrid Power Generation	L. ThirumalaiVasan and A. Rubymeena	Electrical and Electronics Engineering	International Research Journal of Modernization in Engineering Technology and Science	2022-2023	2582-5208	https://www.irjmets.com/uploadedfiles/paper//issue_3_march_2023/35031/final/fin_irjmets1680092366.pdf
Novel Double Switch Voltage-Lift Cuk Converter	Sivaraj, G and Karpagavalli, P	Electrical and Electronics Engineering	Journal of Power Electronics	2022-2023	2093-4718	https://ui.adsabs.harvard.edu/abs/2023JPEl...23...23S/abstract
Transformerless Bidirectional Switched-Inductor Switched-Capacitor Converter	Sivaraj, G and Karpagavalli, P	Electrical and Electronics Engineering	International Journal of Electronics	2022-2023	1362-3060	https://www.tandfonline.com/doi/abs/10.1080/00207217.2023.2248661
A Rectifier-Fed Dc-Dc Boost Converter With Improved Voltage Conversion Ratio And Reduced Output Voltage Ripple	K. Shruthi , Dr. D. Murali	Electrical and Electronics Engineering	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	2022-2023	2321-2004	https://ijreice.com/wp-content/uploads/2023/03/IJIRE EICE.2023.11401.pdf
A Review Of Non-Isolated High Step-Up Dc-Dc Converter Structures And Simulation Analysis Of A High Gain Quadratic Converter	K. Shruthi , Dr. D. Murali	Electrical and Electronics Engineering	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	2022-2023	2321-2005	https://ijreice.com/wp-content/uploads/2023/01/IJIRE EICE.2023.11104.pdf
High Voltage Gain Dc-Dc Converter With Switching Inductor And Two Switches	V. Roja, and P. Karpagavalli	Electrical and Electronics Engineering	International Research Journal of Modernization in Engineering Technology and Science	2022-2023	2582-5208	https://www.irjmets.com/uploadedfiles/paper//issue_3_march_2023/35036/final/fin_irjmets1680101038.pdf
A Transformerless Boost-Modified Cuk Combined Single-Switch Dc-Dc Converter Topology With Enhanced Voltage Gain	D.Murali	Electrical and Electronics Engineering	Brazilian Archives of Biology and Technology	2022-2023	1678-4324	https://www.scielo.br/j/babt/a/69XN6YfDSyKbDDv5nZYWJg/?format=html&lang=en

Numerical Investigation Of Ultrawideband Solar Wave Absorber With Multiring Resonator Gold And Compositd Mgf2-Tungsten Substrate	Mahendran G ., Govindaraju C ., Vishal Sorathiya ., Sunil Lavadiya .,	Electrical and Electronics Engineering	Optik	2022-2023	1618-1336	https://www.sciencedirect.com/science/article/abs/pii/S0030402622016503
Review On Non-Isolated Dc-Dc Stepup Converter With Different Voltage Gain Techniques Different Voltage Gain Techniques	Roja V , Dr Ashokaraju D	Electrical and Electronics Engineering	International Journal of Creative Research Thoughts (IJCRT)	2022-2023	2349-3194	https://www.ijcrt.org/papers/IJCRT2310087.pdf
Smart Grid Communication Under Elliptic Curve Cryptography	Prabakaran.B Sumithira T R and Nagaraj V	Electrical and Electronics Engineering	Intelligent Automation & Soft Computing	2022-2023	2326-005X	https://www.researchgate.net/publication/366884672_Smart_Grid_Communication_Under_Elliptic_Curve_Cryptography
An Improved Quasi-Z-Source Boost Dc-Dc Converter Using Single-Stage Switched-Inductor Boosting Technique	Manoharan Premkumar,Chandran Ramakrishnan ,Chandrasekaran Kumar ,Ravichandran Sowmya ,Thulasimani Ramalingam Sumithira and Pradeep Jangir	Electrical and Electronics Engineering	Machines	2022-2023	2075-1702	https://www.mdpi.com/2075-1702/10/8/669
Closed Loop Proportional Resonant Controller Controlled Dc Microgrid System With Advanced Material Technology In Solar Pv System	Balaji B.;Ganesan S.;Pugazhendiran P.;Subramanian S.	Electrical and Electronics Engineering	Materials Today: Proceedings	2022-2023	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785323001359
Optimization Of Cost And Emission For Dynamic Load Dispatch Problem With Hybrid Renewable Energy Sources	Srinivasa Acharya ., S. Ganesan ., D. Vijaya Kumar ., S. Subramanian .,	Electrical and Electronics Engineering	Soft Computing	2022-2023	1433-7479	https://link.springer.com/article/10.1007/s00500-023-08584-0
Design And Implementation Of A Modified Boost Inverter Topology With Reduced Power Switches	L. Thirumalai Vasan, Dr. A. Ruby Meena	Electrical and Electronics Engineering	International Research Journal of Modernization in Engineering Technology and Science	2022-2023	2582-5209	https://www.ijrmets.com/uploadedfiles/paper//issue_1_january_2023/32914/final/fin_ijrmets1673432004.pdf
Design And Implementation Of Single Stage Dual Leg Inverter For Hybrid Power Generation	L. Thirumalai Vasan, Dr. A. Ruby Meena	Electrical and Electronics Engineering	International Research Journal of Modernization in Engineering Technology and Science	2022-2023	2582-5208	https://www.ijrmets.com/uploadedfiles/paper//issue_3_march_2023/35031/final/fin_ijrmets1680092366.pdf
Modeling Combined Economic Emission Dispatch For Renewable Energy System Via Levy-Based Glowworm Swarm Optimization	Srinivasa Acharya ., Ganesan Sivarajan ., D. Vijaya Kumar ., Subramanian Srikrishna .,	Electrical and Electronics Engineering	Kybernetes	2022-2023	1758-7883	https://www.ingentaconnect.com/content/mcb/067/2022/00000052/00000009/art00022;jsessionid=cqnt0bt3d4us.x-ic-live-03
A Prospective Study On Perturb Observe Mppt Methods For Photovoltaic Systems	Sreenivasulu Annam ., Subramanian Srikrishna ., Sangameswara Raju Prabandhankam ., Ganesan Sivarajan .,	Electrical and Electronics Engineering	Instrumentation Mesure Metrologie	2022-2023	2269-8485	https://www.proquest.com/openview/1c61068eb8a8e513f729c696554204eb/1.pdf?pq-origsite=gscholar&cbl=2069458
Re-Boost Converter Enabled Dc Microgrid System With Sliding Mode Control And Maximum Power Point Tracking	B. Balaji ., S. Ganesan ., P. Pugazhendiran ., R. Madhan .,	Electrical and Electronics Engineering	2023 2nd International Conference on Smart Technologies and Systems for Next Generation Computing, ICSTSN 2023	2022-2023	979-8-3503-4800-2	https://ieeexplore.ieee.org/document/10151508
Object Detection In Satellite Images By Faster R-Cnn Incorporated With Enhanced Roi Pooling (Frnet-Eroi) Framework	Dr. C. Vasanthanayaki	Electronics and Communication Engineering	Earth Science Informatics	2022-2023	1865-0481	https://link.springer.com/article/10.1007/s12145-021-00746-8
Adaptive Resource Allocation Neural Network-Based Mammogram Image Segmentation And Classification	P. Indra ., G. Kavithaa .,	Electronics and Communication Engineering	Intelligent Automation and Soft Computing	2022-2023	2326-005X	https://www.techscience.com/iasc/v34n2/47655
Lifetime Maximization Energy-Aware Routing Protocol For Route Optimization To Improve Quality Of Service In Wireless Sensor Networks	Kavithaa G	Electronics and Communication Engineering	Computational Intelligence	2022-2023	1467-8640	https://onlinelibrary.wiley.com/doi/abs/10.1111/coin.12485
Multiplicative Long Short-Term Memory With Improved Mayfly Optimization For Lulc Classification	Kavithaa G	Electronics and Communication Engineering	Remote Sensing	2022-2023	2072-4292	https://www.mdpi.com/2072-4292/14/19/4837
Design Of Microstrip Patch Antenna For Medical Application Using Wban	Kavithaa G	Electronics and Communication Engineering	IJIRT	2022-2023	2349-6002	https://ijirt.org/master/publishedpaper/IJIRT157568_PAPER.pdf
Adaptive Resource Allocation Neural Network-Based Mammogram Image Segmentation And Classification	P. Indra .,G. Kavithaa .,	Electronics and Communication Engineering	Intelligent Automation and Soft Computing	2022-2023	2326-005X	https://www.techscience.com/iasc/v34n2/47655
Super Compact Fr-4 Compatible 28 Ghz Antenna For 5g Handheld Devices	K. Jayanthi ., D. Kumutha ., M. Jeyabharathi .,	Electronics and Communication Engineering	Lecture Notes in Electrical Engineering book series	2022-2023	1876-1119	https://link.springer.com/chapter/10.1007/978-981-19-2281-7_74
Distributed Conjecture Approach On Largescale Datasets Using Mapreduce	Priadarsini M	Electronics and Communication Engineering	Smart Modernistic in Electronics and Communication	2022-2023	2473-7577	https://ieeexplore.ieee.org/document/10128196
Enhancement Of Energy Efficiency Using Environmentally Benign Refrigerant Blends In Vapour Compression Refrigeration System	Dr. C. Vasanthanayaki	Electronics and Communication Engineering	IEEE	2022-2023	2473-2001	https://ieeexplore.ieee.org/document/10125723
Elm-Based Shape Adaptive Dct Compression Technique For Underwater Image Compression	Dr. C. Vasanthanayaki	Electronics and Communication Engineering	Computer Systems Science and Engineering	2022-2023	0267-6192	https://www.techscience.com/cssc/v45n2/50382

Integration Of Deep Direction Distribution Feature Extraction And Optimized Attention Based Double Hidden Layer Grnn Models For Robust Cursive Handwriting Recognition	Dr. C. Vasanthanayaki	Electronics and Communication Engineering	International Journal of pattern recognition and artificial intelligence	2022-2023	1793-6381	https://www.worldscientific.com/doi/10.1142/S0218001423500192
Medicinal Image Watermarking System For Recovering Embedded Information From Therapeutic Restorative Images	Dr. C. Vasanthanayaki	Electronics and Communication Engineering	ICSPC 2023 - 4th International Conference on Signal Processing and Communication	2022-2023	1803-7232.	https://ieeexplore.ieee.org/document/10125723
Improving Data Communication Of Wireless Sensor Network Using Energy Efficient Adaptive Cluster-Head Selection Algorithm For Secure Routing	Vijayalakshmi S.;Kavithaa G.;Kousik N.V.	Electronics and Communication Engineering	Wireless Personal Communications	2022-2023	1572-834X	https://www.researchgate.net/publication/366277462_Improving_Data_Communication_of_Wireless_Sensor_Network_Using_Energy_Efficient_Adaptive_Cluster-Head_Selection_Algorithm_for_Secure_Routing
Design Of Six Element Mimo Antenna With Enhanced Gain For 28/38 Ghz Mm-Wave 5g Wireless Application	K. Jayanthi ., A. M. Kalpana .,	Electronics and Communication Engineering	Computer Systems Science and Engineering	2022-2023	0267-6192	https://www.techscience.com/css/e/v46n2/51628
Inverted Matchstick Slotted Rectangular Patch (Imsrp) Antenna For Dual- Band (28/38ghz) 5g - Mm Wave Applications	K. Jayanthi, A.M. Kalpana, D. Kumutha , M. Jeyabharathi, P. Sharmila, V. Devi Priya	Electronics and Communication Engineering	Journal of Nano and Electronic Physics	2022-2023	2306-4277	https://jnep.sumdu.edu.ua/en/full_article/3698
Hydroponic-based smart irrigation system using Internet of Things	Dr. Govindaraju C	Electrical and Electronics Engineering	International Journal of Communication Systems	2022-2023	1099-1131	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.4071
Design Of An Integrated Mm-Wave And Sub 6ghz Antenna For 5g Mobile Devices	R. M. Gomathi ., M. Jeyabharathi ., Tanvir Islam ., D. Kumutha ., K. Jayanthi ., R. Delshi Howsalya Devi ., V. Devipriya .,	Electronics and Communication Engineering	Journal of Nano and Electronic Physics	2022-2023	2306-4277	https://jnep.sumdu.edu.ua/en/full_article/3740
Integration Of Deep Direction Distribution Feature Extraction And Optimized Attention Based Double Hidden Layer Grnn Models For Robust Cursive Handwriting Recognition	D. Manibharathi ., C. Vasanthanayaki .,	Electronics and Communication Engineering	International Journal of Pattern Recognition and Artificial Intelligence	2022-2023	2395-0072	https://www.worldscientific.com/doi/abs/10.1142/S0218001423500192
Pre-Processing Techniques For Digital Mammograms	Yoganapriya R ,Indra R	Electronics and Communication Engineering	International Journal of Science and Research (IJSR)	2022-2023	2319-7064	https://www.ijsr.net/archive/v12i2/SR23206162028.pdf
Identifying Stable Path In Self Configured Networks Using Particle Swarm Optimization With Centrality Betweenness	P. Malarvizhi ., G. Kavithaa .,	Electronics and Communication Engineering	Journal of Electrical Engineering and Technology	2022-2023	2964-7320	https://www.researchgate.net/publication/376825408_Identifying_Stable_Path_in_Self_Configured_Networks_Using_Particle_Swarm_Optimization_with_Centrality_Betweenness
Fetal Qrs Complexes Detection Using Deep Learning Technique	M. Senthil Vadivu ., G. Kavithaa .,	Electronics and Communication Engineering	Journal of Electrical Engineering and Technology	2022-2023	2964-7320	https://ui.adsabs.harvard.edu/abs/2023JEET.tmp..378V/abstract
Clustering By Improved Pso Based Jaya Algorithm For Energy Optimization Of Wireless Sensor Networks	P. Malarvizhi ., G. Kavithaa .,	Electronics and Communication Engineering	2023 5th International Conference on Electrical, Computer and Communication Technologies, ICECCT 2023	2022-2023	978-1-6654-9360-4	https://ieeexplore.ieee.org/document/10179659
An Extensive Review Of Big Data Analytics In Healthcare	Kavithaa G	Electronics and Communication Engineering	Advanced Engineering Science	2022-2023	2096-3246	https://advancedengineeringscience.com/article/2023/296.html
Iot Based Covid Patient Health Monitoring System	P.Deepthi, R.Yoganapriya , Dr.M.Dhinakaran	Electronics and Communication Engineering	International Journal of Engineering Technology and Management Sciences	2022-2023	2581-4621	https://ijetms.in/Vol-7-issue-1/Vol-7-Issue-1-15.html
Automatic Blood Glucose Regulator	P.Deepthi, R.Yoganapriya , Dr.M.Dhinakaran	Electronics and Communication Engineering	International Journal of Engineering Technology and Management Sciences	2022-2023	2581-4621	https://ijetms.in/Vol-7-issue-1/Vol-7-Issue-1-14.html
Fruit Disease Detection Using Image Processing	P.Deepthi, R.Yoganapriya , Dr.M.Dhinakaran	Electronics and Communication Engineering	International Journal of Advanced Trends in Engineering and Management (IJATEM)	2022-2023	2583-7052	https://www.researchgate.net/publication/373635460_Fruit_Disease_Detection_Using_Image_Processing
IoT Based Covid Patient Health Monitoring System	R Yoganapriya, P Deepthi, M Dhinakaran	Electronics and Communication Engineering	International Journal of Engineering Technology and Management Sciences	2022-2023	2581-4621	https://ijetms.in/Vol-7-issue-1/Vol-7-Issue-1-15.html
Integration Of Deep Direction Distribution Feature Extraction And Optimized Attention Based Double Hidden Layer Grnn Models For Robust Cursive Handwriting Recognition	D. Manibharathi ., C. Vasanthanayaki .,	Electronics and Communication Engineering	International Journal of Pattern Recognition and Artificial Intelligence	2022-2023	2395-0072	https://www.worldscientific.com/doi/abs/10.1142/S0218001423500192

Iot Based Covid Patient Health Monitoring System	P.Deepthi, R.Yoganapriya , Dr.M.Dhinakaran	Electronics and Communication Engineering	International Journal of Engineering Technology and Management Sciences	2022-2023	2581-4621	https://ijetms.in/Vol-7-issue-1/Vol-7-Issue-1-15.html
Automatic Blood Glucose Regulator	P.Deepthi, R.Yoganapriya , Dr.M.Dhinakaran	Electronics and Communication Engineering	International Journal of Engineering Technology and Management Sciences	2022-2023	2581-4621	https://ijetms.in/Vol-7-issue-1/Vol-7-Issue-1-14.html
Fruit Disease Detection Using Image Processing	P.Deepthi, R.Yoganapriya , Dr.M.Dhinakaran	Electronics and Communication Engineering	International Journal of Advanced Trends in Engineering and Management (IJATEM)	2022-2023	2583-7052	https://www.researchgate.net/publication/373635460_Fruit_Disease_Detection_Using_Image_Processing
Iot Based Covid Patient Health Monitoring System	P.Deepthi, R.Yoganapriya , Dr.M.Dhinakaran	Electronics and Communication Engineering	International Journal of Engineering Technology and Management Sciences	2022-2023	2581-4621	https://ijetms.in/Vol-7-issue-1/Vol-7-Issue-1-15.html
Automatic Blood Glucose Regulator	P.Deepthi, R.Yoganapriya , Dr.M.Dhinakaran	Electronics and Communication Engineering	International Journal of Engineering Technology and Management Sciences	2022-2023	2581-4621	https://ijetms.in/Vol-7-issue-1/Vol-7-Issue-1-14.html
Fruit Disease Detection Using Image Processing	P.Deepthi, R.Yoganapriya , Dr.M.Dhinakaran	Electronics and Communication Engineering	International Journal of Advanced Trends in Engineering and Management (IJATEM)	2022-2023	2583-7052	https://www.researchgate.net/publication/373635460_Fruit_Disease_Detection_Using_Image_Processing
Pre-Processing Techniques For Digital Mammograms	Yoganapriya R ,Indra R	Electronics and Communication Engineering	International Journal of Science and Research (IJSR)	2022-2023	2319-7064	https://www.ijsr.net/archive/v12i2/SR23206162028.pdf
Optimization In Electrical Discharge Coating Parameters Using Rsm Based Grey Relation Analysis	U.Elaiyaranan, V.Satheeshkumar, C.Senthilkumar	Mechanical Engineering	CIRP Journal of Manufacturing Science and Technology	2022-2023	1755-5817	https://www.sciencedirect.com/science/article/abs/pii/S175558172300011?via%3Dihub
Experimental Assessment On The Contact Characteristics Of 3d Printed Flexible Poly Lactic Acid (Pla) Soft Fingertips	Dr. R. Malayalamurthi	Mechanical Engineering	International Journal of Materials Research	2022-2023	2195-8556	https://www.degruyter.com/document/doi/10.1515/ijmr-2022-0179/html
Experimental Study Of Thermal Performance On Waste In-Filled Building Wall Construction	M. Venkatesan ., M. Raja ., S. Sivalaksmi ., P. Dineshkumar ., R. Alex Arputhanathan .,	Mechanical Engineering	International Journal of Thermophysics	2022-2023	0195-928X	https://link.springer.com/article/10.1007/s10765-022-03082-1
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://go.gale.com/ps/i.do?p=ANE&u=anon-dc74f654&id=GAL E A715159560&v=2.1&it=r&sid=itemap&asid=63ba443b
Performance Enhancement & Prediction Of Solar Air Heater With Quatrefoil Shaped Artificial Roughness Using Adaptive Neuro Fuzzy Inference System	Rajkumar P ., M Raja ., A. Stephen Sagayaraj ., J Melvin Jones ., P Suseendhar ., M Karthiga .,	Mechanical Engineering	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings	2022-2023	978-1-6654-8232-5	https://ieeexplore.ieee.org/document/9936587
Experimental Study Of Thermal Performance On Waste In-Filled Building Wall Construction	M. Venkatesan ., M. Raja ., S. Sivalaksmi ., P. Dineshkumar ., R. Alex Arputhanathan .,	Mechanical Engineering	International Journal of Thermophysics	2022-2023	0195-928X	https://link.springer.com/article/10.1007/s10765-022-03082-1
Experimental Study Of Thermal Performance On Waste In-Filled Building Wall Construction	M. Venkatesan ., M. Raja ., S. Sivalaksmi ., P. Dineshkumar ., R. Alex Arputhanathan .,	Mechanical Engineering	International Journal of Thermophysics	2022-2023	0195-928X	https://link.springer.com/article/10.1007/s10765-022-03082-1
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://go.gale.com/ps/i.do?p=ANE&u=anon-dc74f654&id=GAL E A715159560&v=2.1&it=r&sid=itemap&asid=63ba443b
Experimental Study Of Thermal Performance On Waste In-Filled Building Wall Construction	M. Venkatesan ., M. Raja ., S. Sivalaksmi ., P. Dineshkumar ., R. Alex Arputhanathan .,	Mechanical Engineering	International Journal of Thermophysics	2022-2023	0195-928X	https://link.springer.com/article/10.1007/s10765-022-03082-1
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/science/article/abs/pii/S1290072923001485
Vacuum Stir Cast Developed Aluminium Alloy Hybrid Nanocomposite Performance Compared With Gravity Cast: Mechanical And Tribological Characteristics Study	A. Baraniraj ., A. P. Sathiyagnanam ., R. Venkatesh ., Melvin Victor De Poutres .,	Mechanical Engineering	International Journal of Metalcasting	2022-2023	2163-3193	https://link.springer.com/article/10.1007/s40962-023-01119-1
Silicon Carbide Particle Enriched Magnesium Alloy (Az91) Composite: Physical, Microstructural And Mechanical Studies	A. Baraniraj, A. P. Sathiyagnanam, R. Venkatesh, Ra. Aravind	Mechanical Engineering	International Journal of Silicon	2022-2023	1876-9918	https://www.sciencedirect.com/science/article/abs/pii/S2214785323014621
Characterization Effect Of Pozzolanic Waste-Reinforced A356 Alloy Composites By Liquid Metallurgy Semisolid Stir Cast	A. Baraniraj, A.P. Sathiyagnanam, R. Venkatesh, and S. Kumaravel	Mechanical Engineering	International Journal of Materials Engineering and Performance	2022-2023	1059-9495	https://link.springer.com/article/10.1007/s11665-023-09020-y

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.proquest.com/openview/c98049fd60874afb5d854a1ffa6341cb/1?pq-origsite=gscholar&cbl=616471
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/science/article/abs/pii/S2214785323014621
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.proquest.com/openview/c98049fd60874afb5d854a1ffa6341cb/1?pq-origsite=gscholar&cbl=616471
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 ., Shanmugam Devi .,	Mechanical Engineering	International Polymer Processing	2022-2023	0930-777X	https://www.degruyter.com/document/doi/10.1515/ipp-2022-4301/html?lang=en
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/document/doi/10.1515/ipp-2022-4301/html?lang=en
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/science/article/abs/pii/S2214785323014621
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 ., Shanmugam Devi .,	Mechanical Engineering	International Polymer Processing	2022-2023	0930-777X	https://www.degruyter.com/document/doi/10.1515/ipp-2022-4301/html?lang=en
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/document/doi/10.1515/ipp-2022-4301/html?lang=en
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/science/article/abs/pii/S2214785323014621
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://ijrpr.com/uploads/V4ISSUE9/IJRPR17200.pdf
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://link.springer.com/article/10.1007/s12206-023-0834-6
Silicon Carbide Particle Enriched Magnesium Alloy (Az91) Composite: Physical, Microstructural And Mechanical Studies	Baraniraj A.;Sathiyagnanam A.P.;Venkatesh R.;Aravind R.	Mechanical Engineering	Silicon	2022-2023	1876-990X	https://link.springer.com/article/10.1007/s12633-023-02516-1
Vacuum Stir Cast Developed Aluminium Alloy Hybrid Nanocomposite Performance Compared With Gravity Cast: Mechanical And Tribological Characteristics Study	A. Baraniraj ., A. P. Sathiyagnanam ., R. Venkatesh ., Melvin Victor De Poures .,	Mechanical Engineering	International Journal of Metalcasting	2022-2023	2163-3193	https://link.springer.com/article/10.1007/s40962-023-01119-1
Characterization Effect Of Pozzolan Waste-Reinforced A356 Alloy Composites By Liquid Metallurgy Semisolid Stir Cast	Baraniraj A.;Sathiyagnanam A.P.;Venkatesh R.;Kumaravel S.	Mechanical Engineering	Journal of Materials Engineering and Performance	2022-2023	1059-9495	https://link.springer.com/article/10.1007/s11665-023-09020-y
Characterization Effect Of Pozzolan Waste-Reinforced A356 Alloy Composites By Liquid Metallurgy Semisolid Stir Cast	A. Baraniraj, A.P. Sathiyagnanam, R. Venkatesh, and S. Kumaravel	Mechanical Engineering	International Journal of Materials Engineering and Performance	2022-2023	1059-9495	https://link.springer.com/article/10.1007/s11665-023-09020-y
Performance Improvement Of Automotive Front Structural Crush Box With Mass And Cost Optimization By Using Finite Element Method	M.Selvamanigandan, V.Satheeshkumar, U.Elaiyarasan	Mechanical Engineering	2nd International virtual conference on Advances in Automobile, Manufacturing and Mechanical Engineering (ICAAMME'2023) held on 28th April 2023	2022-2023	2195-8602	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
Silicon Carbide Particle Enriched Magnesium Alloy (Az91) Composite: Physical, Microstructural And Mechanical Studies	Baraniraj A.;Sathiyagnanam A.P.;Venkatesh R.;Aravind R.	Mechanical Engineering	Silicon	2022-2023	1876-990X	https://link.springer.com/article/10.1007/s12633-023-02516-1
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://link.springer.com/article/10.1007/s12206-023-0834-6
Vacuum Stir Cast Developed Aluminium Alloy Hybrid Nanocomposite Performance Compared With Gravity Cast: Mechanical And Tribological Characteristics Study	A. Baraniraj ., A. P. Sathiyagnanam ., R. Venkatesh ., Melvin Victor De Poures .,	Mechanical Engineering	International Journal of Metalcasting	2022-2023	2163-3193	https://link.springer.com/article/10.1007/s40962-023-01119-1

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
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/2022/09/202291515.pdf
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/9QJnOpJ7/
Strategized Friction Stir Welded Aa6061-T6/Sic Composite Lap Joint Suitable For Sheet Metal Applications	Suresh S.;Natarajan E.;Shanmugam R.;Venkatesan K.;Saravanakumar N.;AntoDilip A.	Metallurgical Engineering	Journal of Materials Research and Technology	2022-2023	2214-0697	https://www.researchgate.net/publication/363509541_Strategized_Friction_Stir_Welded_AA6061-T6SiC_Composite_Lap_Joint_Suitable_for_Sheet_Metal_Applications
Development Of Wheat Husk Biosilica And Characterization Of Its Areca Reinforced Polyester Composite	K. T. Thilagham ., G. Gayathiri Devi ., A. Kadirvel ., D. Kumar .,	Metallurgical Engineering	Biomass Conversion and Biorefinery	2022-2023	2190-6815	https://www.researchgate.net/publication/365603053_Development_of_wheat_husk_biosilica_and_characterization_of_its_areca_reinforced_polyester_composite
Multi Objective Optimization Algorithm Based Priority Path Planning Using Trajectory Scheduling Assorted Robotic Network	S. DHANALAKSHMI, N. MOHANASUNDARARAJ U, T. JESUDAS, D. NOORULLAH	Metallurgical Engineering	Periodico di Mineralogia	2022-2023	0369-8963	https://periodicodimineralogia.it/wp-content/uploads/2022/09/202291518.pdf
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
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/optimum-tool-traverse-speed-resulting-equiaxed-recrystallized-gr/23550610
Study On The Photovoltaic Panel Using Nano-Ceo2/Water-Based Nanofluid	K T Thilagham	Metallurgical Engineering	The International Journal on Interactive Design and Manufacturing (IJIDeM)	2022-2023	1955-2505	https://link.springer.com/article/10.1007/s12008-023-01604-1
Study Of Microstructural And Mechanical Properties Of Aluminium Lm14 Hybridized With Reinforcement Of Nanoparticles Of Titanium Diboride And Alumina	K T Thilagham	Metallurgical Engineering	Journal of Ceramic Processing Research	2022-2023	10000000	https://www.kci.go.kr/kciportal/landing/article.kci?arti_id=ART002991761
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	https://journals.sagepub.com/doi/abs/10.1177/09544089231208309
Mechanical Properties And Microstructural Features Of Rotary Friction Welded Uns S42000 Martensitic Stainless-Steel Joints	M Deepak Kumar	Metallurgical Engineering	Materials Testing	2022-2023	2195-8572	https://www.degruyter.com/document/doi/10.1515/mt-2023-0021/html
Surface Morphology And Experimental Investigation On Joint Characteristics Of Solid-State Welded Duplex Stainless Steel Tubes	M Deepak Kumar	Metallurgical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2022-2023	2041-3009	https://journals.sagepub.com/doi/abs/10.1177/09544089231176210
Parametric Effects on Mechanical and Metallurgical Properties of Rotary Friction Welded UNS S30400 & UNS S31803 Tubes	M Deepak Kumar	Metallurgical Engineering	International Journal of Innovative Research in Technology	2022-2023	2349-6002	https://ijirt.org/master/publishedpaper/IJIRT161632_PAPER.pdf
A Literature Review on Tig Based Wire Arc Additive Manufacturing	Dr.B. Anandavel	Metallurgical Engineering	International Journal of Innovative Research in Technology	2022-2023	2349-6002	https://ijirt.org/master/publishedpaper/IJIRT151798_PAPER.pdf
A Literature Review on Wire Arc Additive Manufacturing using CMT	Dr.B. Anandavel	Metallurgical Engineering	International Journal of Innovative Research in Technology	2022-2023	2349-6002	https://ijirt.org/master/publishedpaper/IJIRT151767_PAPER.pdf
Effect of Welding Parameters on Weld Properties of Gma Welded Steel Plate	Dr.K.Venkatesan	Metallurgical Engineering	International Journal of Innovative Research in Technology	2022-2023	2349-6002	https://ijirt.org/master/publishedpaper/IJIRT161646_PAPER.pdf
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/Article?manuscript=161652
Determination Of Mechanical Properties Of Cf/rp Composite Reinforced With Abaca And Kenaf Fibres	Dr.K.Saranya	Physics	Materials Today: Proceedings	2022-2023	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785322017217

Dynamic Mechanical Properties And Thermal Properties Of Madar Fiber Reinforced Composites	Dr.K.Saranya	Physics	Materials Today: Proceedings	2022-2023	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785321049555
Large Scale Fabrication Of Graphene Based Nano-Electromechanical (Nem) Contact Switches With Sub-0.5 Volt Actuation	J Kulothungan, K Kandhasamy	Physics	Advanced Physics Research	2022-2023	2751-1200	https://onlinelibrary.wiley.com/doi/full/10.1002/aprx.202200050
Fuzzy Based Intelligent Control Strategy to Mitigate Power Quality Issues in an Interconnected PV System	farook s,Hema shekar A,Balaji Nandha kumar reddy K,Kumar NMG,Deepa S	Physics	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023	2022-2023	0976-7967	https://ieeexplore.ieee.org/document/10182460
Subalternity And Existentialism In Shashi Deshpande's That Long Silence	P. Sakthivel and Dr. P. Santhi	English	IJELH (International Journal of English Language, Literature in Humanities)	2022-2023	2582-3574	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=e9OAHdYAAAAJ&citation_for_view=e9OAHdYAAAAJ:7PzIFSSx8tAC
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/DWT_abstracts/vol_280/280_2022_188.pdf
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/DWT_abstracts/vol_280/280_2022_188.pdf
A Green Synthesis Of Fe ₃ O ₄ 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/DWT_abstracts/vol_280/280_2022_271.pdf
A Green Synthesis Of Fe ₃ O ₄ Nanocomposites Loaded Castor Seed Shell Carbon For Lead(Ii) Removal From Water: Equilibrium And Kinetic Studies	Rasappan Vaithianathan ., Panneerselvam Anitha ., Arumugam Ramachandran ., Ramasamy Sudha .,	Chemistry	Desalination and Water Treatment	2022-2023	1944-3986	https://www.deswater.com/DWT_abstracts/vol_280/280_2022_271.pdf
Synthesis And Characterization Studies On The Degradation Of Rhodamine B From Aqueous Solution By Cu-Nio/Ac Nanocomposites	A. Ramachandran .,	Chemistry	Desalination and Water Treatment	2022-2023	1944-3986	https://www.deswater.com/DWT_abstracts/vol_280/280_2022_188.pdf
A Green Synthesis Of Fe ₃ O ₄ 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/DWT_abstracts/vol_280/280_2022_271.pdf
Structural And Electronic Impacts On Corrosion Inhibition Activity Of Novel Heterocyclic Carboxamides Derivatives On Mild Steel In 1 M Hcl Environment: Experimental And Theoretical Approaches	Arumugam Ramachandran ., Panneerselvam Anitha ., Sadhasivam Gnanavel .,	Chemistry	Journal of Molecular Liquids	2022-2023	1873-3166	https://www.sciencedirect.com/science/article/abs/pii/S0167732222007565
A Green Synthesis Of Fe ₃ O ₄ Nanocomposites Loaded Castor Seed Shell Carbon For Lead(Ii) Removal From Water: Equilibrium And Kinetic Studies	Rasappan Vaithianathan ., Panneerselvam Anitha ., Arumugam Ramachandran ., Ramasamy Sudha .,	Chemistry	Desalination and Water Treatment	2022-2023	1944-3986	https://www.deswater.com/DWT_abstracts/vol_280/280_2022_271.pdf
Synthesis And Characterization Studies On The Degradation Of Rhodamine B From Aqueous Solution By Cu-Nio/Ac Nanocomposites	P. Anitha	Chemistry	Desalination and Water Treatment	2022-2023	1944-3986	https://www.deswater.com/DWT_abstracts/vol_280/280_2022_188.pdf
A Green Synthesis Of Fe ₃ O ₄ Nanocomposites Loaded Castor Seed Shell Carbon For Lead(Ii) Removal From Water: Equilibrium And Kinetic Studies	Rasappan Vaithianathan ., Panneerselvam Anitha ., Arumugam Ramachandran ., Ramasamy Sudha .,	Chemistry	Desalination and Water Treatment	2022-2023	1944-3986	https://www.deswater.com/DWT_abstracts/vol_280/280_2022_271.pdf
Structural And Electronic Impacts On Corrosion Inhibition Activity Of Novel Heterocyclic Carboxamides Derivatives On Mild Steel In 1 M Hcl Environment: Experimental And Theoretical Approaches	Arumugam Ramachandran ., Panneerselvam Anitha ., Sadhasivam Gnanavel .,	Chemistry	Journal of Molecular Liquids	2022-2023	1873-3166	https://www.sciencedirect.com/science/article/abs/pii/S0167732222007565
A Green Synthesis Of Fe ₃ O ₄ 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/DWT_abstracts/vol_280/280_2022_271.pdf
Impedance Analysis On Interaction Between Ofloxacin And Supported Bilayer Lipid Membrane(Blm)	K. Poornima ., A. Sankar ., S. Rameshkumar ., M. Periasamy .,	Chemistry	Oriental Journal Of Chemistry	2022-2023	0970-020X	https://www.orientjchem.org/vol39no4/impedance-analysis-on-interaction-between-ofloxacin-and-supported-blm/
Solid Combustion Synthesis Of Mno ₂ /Nio/Ag Nanocomposites For Efficient Degradation Of Methylene Blue And Their Antibacterial Activity	Parameswaran, Sampath and Bakkiyaraj, R and Shanmugam, Paramasivam and Venugopal, T	Chemistry	Chemical Physics	2022-2023	0301-0104	https://www.sciencedirect.com/science/article/abs/pii/S0301010423002598
A Case Study On Expired Drugs: The Potential Corrosion Inhibitory Activity Of Expired Labetalol Drug In 1m Hcl For Plain Carbon Steel	Dr.T.Venugopal	Chemistry	Indian Journal of Chemical Technology	2022-2023	0975-0991	https://nopr.niscpr.res.in/bitstream/123456789/61561/1/IJCT%2030%282%29%20180-186.pdf
Comparison Of Activity Of Three Low-Cost Adsorbents For The Removal Of Methylene Blue Dye – Optimization Using Central Composite Design-Response Surface Methodology	Dr.T.Venugopal	Chemistry	Desalination and Water Treatment	2022-2023	1944-3986	https://www.deswater.com/DWT_abstracts/vol_296/296_2023_119.pdf

Equilibrium And Kinetic Studies On The Removal Of Cadmium(Ii) By Fe ³⁺ Loaded Activated Carbon Prepared From Castor Seed Shell	Rasappan Vaithianathan ., Panneerselvam Anitha ., Ramasamy Sudha ., Arumugam Ramachandran ..	Chemistry	Desalination and Water Treatment	2022-2023	1944-3986	https://www.deswater.com/DWT_abstracts/vol_306/306_2023_75.pdf
Equilibrium And Kinetic Studies On The Removal Of Cadmium(Ii) By Fe ₃ O ₄ Loaded Activated Carbon Prepared From Castor Seed Shell	Rasappan Vaithianathana,*, Panneerselvam Anithaa ., Ramasamy Sudhab , Arumugam Ramachandrana	Chemistry	Desalination and Water Treatment	2022-2023	1944-3986	https://www.deswater.com/DWT_abstracts/vol_306/306_2023_75.pdf
Equilibrium And Kinetic Studies On The Removal Of Cadmium(Ii) By Fe ³⁺ Loaded Activated Carbon Prepared From Castor Seed Shell	Rasappan Vaithianathan ., Panneerselvam Anitha ., Ramasamy Sudha ., Arumugam Ramachandran ..	Chemistry	Desalination and Water Treatment	2022-2023	1944-3986	https://www.deswater.com/DWT_abstracts/vol_306/306_2023_75.pdf
Equilibrium And Kinetic Studies On The Removal Of Cadmium(Ii) By Fe ₃ O ₄ Loaded Activated Carbon Prepared From Castor Seed Shell	Rasappan Vaithianathana,*, Panneerselvam Anithaa ., Ramasamy Sudhab , Arumugam Ramachandrana	Chemistry	Desalination and Water Treatment	2022-2023	1944-3986	https://www.deswater.com/DWT_abstracts/vol_306/306_2023_75.pdf
Kinetic Analysis Of Oxidation Of A-Hydroxy Acids By Tetramethylammonium Chlorochromate In Micelles Medium	N. Buvanewari	Chemistry	Rasayan journal of Chemistry	2022-2023	0976-0083	https://rasayanjournal.co.in/admin/php/upload/3853.pdf.pdf
Faces Of Womanhood: A Study Of Anita Desai And Shashi Deshpande's Novels	P. Sakthivel and Dr. P. Santhi	English	Adhunik Sahitya	2022-2023	2277-7083	https://shodhganga.inflibnet.ac.in:8443/jspui/handle/10603/394936
Subaltern Gender Discrimination: Male Chauvinism In Girish Karnad's Nagamandala	P. Sakthivel and Dr. N.K. Vivekanandhan	English	Atishay Kalit	2022-2023	2277-419X	https://www.atishaykalit.in/Journals/JULY_2023_1_Main.pdf
Subaltern Gender Discrimination: Male Chauvinism In Girish Karnad's Nagamandala	Dr. N.K. Vivekanandhan and P. Sakthivel	English	Atishay Kalit	2022-2023	2277-419X	https://www.atishaykalit.in/Journals/JULY_2023_1_Main.pdf