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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
ON NUMERICAL BUCKLING ANALYSIS OF TWO-DIRECTIONAL POROUS FUNCTIONALLY GRADED BEAM USING HIGHER ORDER SHEAR DEFORMATION THEORY	Bridjesh P., Chandra Mohana Reddy G., Geetha N.K., Ravikiran Ch., Nagaraju S.	Academic Journal of Manufacturing Engineering	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159871970&partnerID=40&md5=0c78b6b9a5bc0becd0402b29f4f58258	Yes
Antiproliferative Activity of New Pyrazole-4-sulfonamide Derivatives: Synthesis and Biological Evaluation	Mahesh P., Akshinthala P., Katari N.K., Gupta L.K., Panwar D., Sharma M.K., Jonnalagadda S.B., Gundla R.	ACS Omega	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165932060&doi=10.1021%2facs.omega.2c07539&partnerID=40&md5=ddb29eb9843604b45eeef3fa2f66dcd7	Yes
Wear and corrosion behaviour of multiple pass friction stir processing on aluminium alloy 6061 embedding with B4C particles	Yelamasetti B., Kumar P.N., Ramana G V., Kumar Saxena K., Singh D., Kang A.S., Mohammed K.A.	Advances in Materials and Processing Technologies	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147456016&doi=10.1080%2f2374068X.2023.2171667&partnerID=40&md5=cbbe2bcacee03005df027d15fb2911e3	Yes
Irreversibility analysis of cross fluid past a stretchable vertical sheet with mixture of Carboxymethyl cellulose water based hybrid nanofluid	Ali F., Arun Kumar T., Loganathan K., Reddy C.S., Ali Pasha A., Rahman M.M., Al-Farhany K.	Alexandria Engineering Journal	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137684410&doi=10.1016%2fj.aej.2022.08.037&partnerID=40&md5=ca9e961c68c7c548b6a620eb3a60db53	Yes
Differential response for multiple ions: a smart probe to construct optically tunable molecular logic systems	Karar M., Fernandes R.S., Dey N.	Analyst	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150793101&doi=10.1039%2fd2an01945k&partnerID=40&md5=45cb2498e2fda2aebfd6a7f36174bff8	Yes



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Continual Learning Approach for Continuous Data Stream Analysis in Dynamic Environments	Prasanna K., Khan M., Alshahrani S.M., Kiran A., Phanindra Kumar Reddy P., Alymani M., Chinna Babu J.	Applied Sciences (Switzerland)	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166275290&doi=10.3390%2fapp13148004&partnerID=40&md5=71d706a3584265542e37ef596de8b60c	Yes
Smart Contract-Enabled Secure Sharing of Health Data for a Mobile Cloud-Based E-Health System	Chinnasamy P., Albakri A., Khan M., Raja A.A., Kiran A., Babu J.C.	Applied Sciences (Switzerland)	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151531632&doi=10.3390%2fapp13063970&partnerID=40&md5=64bf4d246043138c36f6fd6280e8db22	Yes
Evaluation of the Quality of Practical Teaching of Agricultural Higher Vocational Courses Based on BP Neural Network	Kumar M.G.V., Veena N., ?epová L., Raja M.A.M., Balam A., Elangovan M.	Applied Sciences (Switzerland)	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146759995&doi=10.3390%2fapp13021180&partnerID=40&md5=d23722c9ca7f39ec87d03592193dccb	Yes
A context-aware improved POR protocol for Delay Tolerant networks	Balam A., Sakthivel T., Chandan R.R.	Automatika	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133508818&doi=10.1080%2f00051144.2022.2095830&partnerID=40&md5=c0f3b1725e1d0eb20273646469e514ba	Yes
Mechanical and thermomechanical behaviour of agro-waste almond shell biochar filler interlaced chemically treated flax fibre vinyl ester composites	Ramraji K., Arunkumar K., Senthilkumar R., Rajesh M., Kumar A.J.P.	Biomass Conversion and Biorefinery	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170055350&doi=10.1007%2fs13399-023-04840-3&partnerID=40&md5=c4f1fd91a0b23bb1e9a09b0135bf9b73	Yes



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Estimation of purity of antimicrobial lead compound sulfonamide-anthranilate derivative methyl-ester-toluene-sulfonamide using LC to develop a new drug application	Deshpande G.K., Akshinthala P., Katari N.K., Deshmukh B., Kowtharapu L.P., Battula S.R., Gundla R.	Biomedical Chromatography	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158030354&doi=10.1002%2fbmc.5646&partnerID=40&md5=8c4cb5df64cbd3d2fa0178aacf8eda86	Yes
Impact of titanium dioxide (TiO ₂) nanoparticles addition in Eichhornia Crassipes biodiesel used to fuel compression ignition engine at variable injection pressure	Jain A., Jyoti Bora B., Kumar R., Sharma P., Jyoti Medhi B., Ahsan Farooque A., Tirth V., Senthilkumar N., Kumar Peyyala P.	Case Studies in Thermal Engineering	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166009569&doi=10.1016%2fj.csite.2023.103295&partnerID=40&md5=45414d96a0f3ea0258c8f2bad4681167	Yes
Liquid phase sintering of Nb doped SrTiO ₃ -? ceramics with enhanced thermoelectric figure of merit	S C.P., Vijay A., Jose R., Venkata Saravanan K.	Ceramics International	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150834632&doi=10.1016%2fj.ceramint.2023.03.031&partnerID=40&md5=de907d96320d61365f364dcff9e212c	Yes
Reactivity of Silylene with Gallium- and Boron Trihalide at Reductive Conditions Resulting in Unforeseen Products	Nazish M., Harinath A., Lüert D., Köhler C., Herbst-Irmer R., Stalke D., Roesky H.W.	Chemistry - A European Journal	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151714291&doi=10.1002%2fchem.202300310&partnerID=40&md5=33f493cab52cb1b207a9f0e6818aeced	Yes
Preconcentrations of Pb(II), Ni(II) and Zn(II) by solid phase bio-extractor using thermophilic Bacillus subtilis loaded multiwalled carbon nanotube biosorbent	Ozdemir S., DüNDAR A., DIZGE N., K?I?NÇ E., Balakrishnan D., Prasad K.S., Senthilkumar N.	Chemosphere	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146711919&doi=10.1016%2fj.chemosphere.2023.137840&partnerID=40&md5=2b9c7d14d0e256ba068f7a6413b2d8e0	Yes



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Promising strategies of circular bioeconomy using heavy metal phytoremediated plants – A critical review	Iyyappan J., Baskar G., Deepanraj B., Anand A.V., Saravanan R., Awasthi M.K.	Chemosphere	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142753576&doi=10.1016%2Fj.chemosphere.2022.137097&partnerID=40&md5=0a49ee99babd1969785a9a6fa0c324be	Yes
A review on the sustainable procurement of microalgal biomass from wastewaters for the production of biofuels	Ghaffar I., Deepanraj B., Sundar L.S., Vo D.-V.N., Saikumar A., Hussain A.	Chemosphere	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141777471&doi=10.1016%2Fj.chemosphere.2022.137094&partnerID=40&md5=6710ed67dbd8734e34bc4c3553cc42c8	Yes
2,4-Dichlorophenoxyacetic acid (2,4-D) adsorptive removal by algal magnetic activated carbon nanocomposite	Vinayagam R., Ganga S., Murugesan G., Rangasamy G., Bhole R., Goveas L.C., Varadavenkatesan T., Dave N., Samanth A., Radhika Devi V., Selvaraj R.	Chemosphere	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140091220&doi=10.1016%2Fj.chemosphere.2022.136883&partnerID=40&md5=595349025bd aaf575ed607b2a168fa14	Yes
Valbenazine isomers and enantiomer determination by chiral normal phase liquid chromatography	Deshmukh B.R., Akshinthala P., Katari N.K., Kowtharapu L.P., Deshpande G.K., Battula S.R., Gundla R.	Chirality	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162632077&doi=10.1002%2Fchir.23600&partnerID=40&md5=d00c679ffa83068434a8a99edf62a19a	Yes
Real-Time Multi-Feature Approximation Model-Based Efficient Brain Tumor Classification Using Deep Learning Convolution Neural Network Model	Panyala A.R., Baskar M.	Computer Systems Science and Engineering	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172068582&doi=10.32604%2Ffesse.2023.037050&partnerID=40&md5=bd64575d991142c5e1e92ce3002acce0	Yes



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Enhanced conditional random field-long short-term memory for name entity recognition in English texts	Bhumireddypalli V.S.R., Koppula S.R., Koppula N.	Concurrency and Computation: Practice and Experience	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147449780&doi=10.1002%2fcpe.7640&partnerID=40&md5=bcb293eedbeb3e397fb7b7feff496b6	Yes
Cyber security in drone technology	Kumaran T., Jaganraj R., Arunkumar K., Kirubadurai B., Backiyaraj A.	Cyber-Physical Systems and Supporting Technologies for Industrial Automation	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171497412&doi=10.4018%2f978-1-6684-9267-3.ch008&partnerID=40&md5=2e0108bad9d8ec87a895994409d0b22c	Yes
A Performance Analysis of an Enhanced Graded Precision Localization Algorithm for Wireless Sensor Networks	Yuvarasu M., Balaram A., Chandramohan S., Sharma D.K.	Cybernetics and Systems	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147010803&doi=10.1080%2f01969722.2023.2166709&partnerID=40&md5=7301c7f5a58f2fd43e9c895fa8b69b97	Yes
Nugget zone characterization of friction stir welded hypereutectic Al-Si alloy	Prasad R., Kumar H., Kumar P., Gupta A.	Engineering Research Express	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148956300&doi=10.1088%2f8695%2facba67&partnerID=40&md5=c34660c504a106603f96d0f2291d55c6	Yes
Optimization of the anaerobic fermentation process for phosphate release using food waste	Belibagli P., Isik Z., Dizge N., Mazmanci M.A., Balakrishnan D., Shaik F., Mishra N.K.	Environmental Research	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149357565&doi=10.1016%2fj.envres.2023.115498&partnerID=40&md5=aa70191d352e1b35ea12e5f2a0f4463c	Yes



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Green synthesis of iron oxide nanoparticles derived from water and methanol extract of Centaurea solstitialis leaves and tested for antimicrobial activity and dye decolorization capability	Isik Z., Bouchareb R., Arslan H., Özdemir S., Gonca S., Dizge N., Balakrishnan D., Prasad S.V.S.	Environmental Research	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144942661&doi=10.1016%2fj.envres.2022.115072&partnerID=40&md5=78f6d7b8044cd341f50d95a9b4c6470b	Yes
Heavy metal ions and dyes removal from aqueous solution using aloevera-based biosorbent: A systematic review	Sahoo J.K., Somu P., Narayanasamy S., Sahoo S.K., Lee Y.R., Baalalokrishnan D.R., RajaSekhar Reddy N.V., Rajendiran S.	Environmental Research	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141971294&doi=10.1016%2fj.envres.2022.114669&partnerID=40&md5=ecca8ddba84daf32778ad4b33779633d	Yes
Preparation of hydrochar bio-based catalyst for fenton process in dye-containing wastewater treatment	Eskikaya O., Isik Z., Arslantans C., Yabalak E., Balakrishnan D., Dizge N., Rao K.S.	Environmental Research	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140099704&doi=10.1016%2fj.envres.2022.114357&partnerID=40&md5=cd5bc08cf7ab6bb52eb44515d99a876d	Yes
Energy, exergy and emission [3E] analysis of Mesua Ferrea seed oil biodiesel fueled diesel engine at variable injection timings	Jain A., Jyoti Bora B., Kumar R., Sharma P., Jyoti Medhi B., Venkata Rambabu G., Deepanraj B.	Fuel	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165097895&doi=10.1016%2fj.fuel.2023.129115&partnerID=40&md5=91a642cb10c47a77eede6528e62df572	Yes
Application of hybrid Taguchi L16 and desirability for model prediction and optimization in assessment of the performance of a novel Water Hyacinth biodiesel run diesel engine	Jain A., Bora B.J., Kumar R., Sharma P., Deepanraj B., Irshad K., Ravikiran C.	Fuel	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147097818&doi=10.1016%2fj.fuel.2022.127377&partnerID=40&md5=257ed173fd435a8c8be52f6574ccee38	Yes



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Lipid bioproduction through optimization of thermal diluted acid pretreatment on native grass using Yarrowia lipolytica	Satya Sagar P., Kommoji S., Jayaraj I., Balakrishnan D., Shaik F., Vucha M., Gnanasekaran L.	Fuel	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140881819&doi=10.1016%2fj.fuel.2022.126475&partnerID=40&md5=0aadbfab28e88ae91be9d9820fcdac6	Yes
Enhancement of combustion characteristics of waste cooking oil biodiesel using TiO ₂ nanofluid blends through RSM	Singh Pali H., Sharma A., Kumar M., Anand Annakodi V., Nhanh Nguyen V., Kumar Singh N., Singh Y., Balasubramanian D., Deepanraj B., Hai Truong T., Quy Phong Nguyen P.	Fuel	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137302662&doi=10.1016%2fj.fuel.2022.125681&partnerID=40&md5=6c2aa206ed7196269b4c5c36fe0187af	Yes
Design, synthesis, anticancer evaluation and molecular docking studies of 1,2,3-triazole incorporated 1,3,4-oxadiazole-Triazine derivatives	Oggu S., Akshinthala P., Katari N.K., Nagarapu L.K., Malempati S., Gundla R., Jonnalagadda S.B.	Heliyon	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156220527&doi=10.1016%2fj.heliyon.2023.e15935&partnerID=40&md5=328e5538c298c97464f856604a04e68c	Yes
Convenient synthesis, characterization and biological evaluation of novel 1-phenylcyclopropane carboxamide derivatives	Mahesh P., Akshinthala P., Ankireddy A.R., Katari N.K., Gupta L.K., Srivastava D., Jonnalagadda S.B., Gundla R.	Heliyon	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149769556&doi=10.1016%2fj.heliyon.2023.e13111&partnerID=40&md5=8c1a81328a3e0adc4139a0ed65ea8d29	Yes
Experimental Investigation and DFT Study of Tin-Oxide for Its Application as Light Absorber Layer in Optoelectronic Devices	Kumar M., Askari S.S.A., Pandey P.S., Singh Y., Singh R., Raghuwanshi S.K., Singh G.K., Kumar S.	IEEE Access	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149818455&doi=10.1109%2fACCESS.2023.3252890&partnerID=40&md5=c58f4024fb9d73f1773eb6fafc680418	Yes



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Enhanced Speckle Noise Reduction in Breast Cancer Ultrasound Imagery Using a Hybrid Deep Learning Model	Sekhar Reddy N.V.R., Chitteti C., Yesupadam S., Desanamukula V.S., Vellela S.S., Bommagani N.J.	Ingenierie des Systemes d'Information	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171851761&doi=10.18280%2fisi.280426&partnerID=40&md5=1f1fcd5cf294cf750d6c6009ab165ee9	Yes
Selection of Features Using Adaptive Tunicate Swarm Algorithm with Optimized Deep Learning Model for Thyroid Disease Classification	Kumar J.P., Muppagowni G.K., Kumar J.P., Malla S.J., Chandanapalli S.B., Sandhya E.	Ingenierie des Systemes d'Information	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162172007&doi=10.18280%2fisi.280205&partnerID=40&md5=8f2f0ec4945bdc81b41d2c3dd518507a	Yes
Deep Learning Framework-Based Chaotic Hunger Games Search Optimization Algorithm for Prediction of Air Quality Index	Macherla H., Kotapati G., Sunitha M.T., Chittipireddy K.R., Attuluri B., Vatambeti R.	Ingenierie des Systemes d'Information	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162108532&doi=10.18280%2fisi.280219&partnerID=40&md5=79cd46e7ab6c3c2b7c9c90f4d6e5550e	Yes
Energy Spectrum and Optical Absorption of Mn100-?Al? (x = 20, 30) Compounds with the ?-Mn Structure	Knyazev Y.V., Lukoyanov A.V., Kuz'min Y.I., Dash S., Patra A.K., Vasundhara M.	Inorganic Materials	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171440468&doi=10.1134%2fS0020168523010090&partnerID=40&md5=90407a9fc1b9d06923fc63a21aff63e4	Yes
High-throughput and area-efficient architectures for image encryption using PRINCE cipher	Kumar A., Singh P., Patro K.A.K., Acharya B.	Integration	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148700430&doi=10.1016%2fj.vlsi.2023.01.011&partnerID=40&md5=3442a4bcdfb2cb99a33baa6417b39c11	Yes



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Efficient hardware implementations of lightweight Simeck Cipher for resource-constrained applications	Raja K.P., Mishra Z., Singh P., Acharya B.	Integration	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141315713&doi=10.1016%2fj.vlsi.2022.10.009&partnerID=40&md5=29ddb48be62978ceac763c43d22d370	Yes
Efficient area and throughput implementations of lightweight Simeck cipher for resource-constrained applications	Raja K.P., Singh P., Mishra Z., Acharya B.	International Journal of Ad Hoc and Ubiquitous Computing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167872545&doi=10.1504%2fIJAHUC.2023.131776&partnerID=40&md5=5f73898ced41035f2b3e0ad7429154a6	Yes
A Novel Dual Confusion and Diffusion Approach for Grey Image Encryption using Multiple Chaotic Maps	Praveen S.P., Suntharam V.S., Ravi S., Harita U., Thatha V.N., Swapna D.	International Journal of Advanced Computer Science and Applications	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171621261&doi=10.14569%2fIJACSA.2023.01408106&partnerID=40&md5=3e98018122a08caf420740d762177f5c	Yes
A Novel Classification Approach for Grape Leaf Disease Detection Based on Different Attention Deep Learning Techniques	Praveen S.P., Nakka R., Chokka A., Thatha V.N., Vellela S.S., Sirisha U.	International Journal of Advanced Computer Science and Applications	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168807361&doi=10.14569%2fIJACSA.2023.01406128&partnerID=40&md5=c87e1dd3d838dc0151fce13f738b93a8	Yes
Combination of Adaptive Neuro Fuzzy Inference System and Machine Learning Algorithm for Recognition of Human Facial Expressions	Dhanalaxmi B., Madhuravani B., Raju Y., Balaswamy C., Athiraja A., Babu G.C., Lawrence T.S.	International Journal of Advanced Computer Science and Applications	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165094722&doi=10.14569%2fIJACSA.2023.0140683&partnerID=40&md5=3e56b13957ee06d6368ef2d144f714b2	Yes



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Deep Learning CNN Model-based Anomaly Detection in 3D Brain MRI Images using Feature Distribution Similarity	Panyala A.R., Baskar M.	International Journal of Advanced Computer Science and Applications	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151571389&doi=10.14569%2FIJACSA.2023.0140330&partnerID=40&md5=f843a7c173e9fb0c75e1850d33943e80	Yes
Transmission line fault analysis using actuating relays and Atmega 328P controller	Sudhakar A., Nagasai G., Sagar M.P., Vamshi M., Nikhil V., Rajanna B.V.	International Journal of Applied Power Engineering	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162023854&doi=10.11591%2Fijape.v12.i2.pp190-195&partnerID=40&md5=eef0aa6dfbf8553fd743b6b95cdcad87	Yes
Deep learning based semantic segmentation approach for automatic detection of brain tumor	Markkandeyan S., Gupta S., Narayanan G.V., Reddy M.J., Al-Khasawneh M.A., Ishrat M., Kiran A.	International Journal of Computers, Communications and Control	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163844599&doi=10.15837%2Fijccc.2023.4.5186&partnerID=40&md5=5c05d4d00cb649b4af4ecef65606fb90	Yes
Security and risk analysis in the cloud with software defined networking architecture	Thatha V.N., Donepudi S., Safali M.A., Praveen S.P., Tung N.T., Cuong N.H.H.	International Journal of Electrical and Computer Engineering	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164346781&doi=10.11591%2Fijjece.v13i5.pp5550-5559&partnerID=40&md5=b9856c4e6d3ced0ce2f2cb4bbbed4186e	Yes
Optimizing K-Means Clustering using the Artificial Firefly Algorithm	Lnc. Prakash K., Suryanarayana G., Swapna N., Bhaskar T., Kiran A.	International Journal of Intelligent Systems and Applications in Engineering	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171378882&partnerID=40&md5=0f86b5f84b05016cf86f1d1a8ae4e4fa	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Optimized CNN Model for Diabetic Retinopathy Detection and Classification	Maithili K., Madhavi Latha Y., Gangopadhyay A., Varghese I.K., Sundaram A., Pandey C., Kiran A.	International Journal of Intelligent Systems and Applications in Engineering	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164014970&partnerID=40&md5=91228a61e1986ba4b8f778ccca07cd84	Yes
A Medical Diagnosis System Based on Explainable Artificial Intelligence: Autism Spectrum Disorder Diagnosis	Adilakshmi J., Reddy G.V., Nidumolu K.D., Pecho R.D.C., Pasha M.J.	International Journal of Intelligent Systems and Applications in Engineering	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168564279&partnerID=40&md5=d013db9edc924b28c7f38f793e4ce3f6	Yes
Enhancing Cloud Security with AuthPrivacyChain: A Blockchain-based Approach for Access Control and Privacy Protection	Mahalakshmi J., Reddy A.M., Sowmya T., Chowdary B.V., Raju P.R.	International Journal of Intelligent Systems and Applications in Engineering	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167918058&partnerID=40&md5=a90b9f9498547c509299b70c4c334491	Yes
A Performance Analysis of Rate Adaptation Algorithms in Wireless LANs Based on Mobility Models and Propagation Losses	Patil S., Raghava M., Nitya E., Rajavikram G., Radhika Raju P.	International Journal of Intelligent Systems and Applications in Engineering	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167908586&partnerID=40&md5=a9b318418f09d8e3530596f70f6e8715	Yes
An Approach for Coordinating Lane Changes between Autonomous Vehicles in Congested Areas	Sandeep D., Mohan C.R., Kumar B.H., Pecho R.D.C., Pasha M.J.	International Journal of Intelligent Systems and Applications in Engineering	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167919271&partnerID=40&md5=ee45440e20e95970709b3b50b47b2081	Yes
Stochastic modeling and performance analysis in balancing load and traffic for vehicular ad hoc networks: A review	Ravi B., Kumar M., Hu Y.-C., Hassan S., Kumar B.	International Journal of Network Management	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150839074&doi=10.1002%2fnem.2224&partnerID=40&md5=ab101552b5fbc513bcc7f325877ed273	Yes



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Analytical modeling of dielectric modulated negative capacitance MoS ₂ field effect transistor for next-generation label-free biosensor	Panda D.K., Lenka T.R., Singh R., Goyal V., Boukortt N.E.I., Nguyen H.P.T.	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137094716&doi=10.1002%2fjnm.3060&partnerID=40&md5=42223cf05619611e5d92ee87e0387cd6	Yes
Design and simulation of T-gate AlN/?-Ga ₂ O ₃ HEMT for DC, RF and high-power nanoelectronics switching applications	Singh R., Rao G.P., Lenka T.R., Prasad S.V.S., Boukortt N.E.I., Crupi G., Nguyen H.P.T.	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164151154&doi=10.1002%2fjnm.3146&partnerID=40&md5=50132768027abc0a88e2ede8e5544473	Yes
Minimizing distortion in multi-pass GTAW welding of SS316L structures: a Taguchi approach	Reddy K.S., Vemanaboina H., Naidu B.V.V., Yelamasetti B., Bridjesh P., Shelare S.D.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170838092&doi=10.1007%2fs12008-023-01512-4&partnerID=40&md5=2b01771b7dc6f8916b376894f54f6aab	Yes
Numerical and experimental thermal stress analyses of dissimilar GTA welded joints	Saxena A., Saxena K.K., Singh B., Rajput S.K., Yelamasetti B.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169341372&doi=10.1007%2fs12008-023-01479-2&partnerID=40&md5=5b3364bc7f62d7a6363ed1c110f6de21	Yes
Parametric optimization of friction stir welding of ZE42 using NSGA-II	Darwins A.K., Lewise K.A.S., Fahad M., Sathesh M., Dhas J.E.R., Anand A.V.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168516427&doi=10.1007%2fs12008-023-01480-9&partnerID=40&md5=4aa60e9e146eb13f3243abf4686399d1	Yes



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Influence of FDM process parameters on tensile strength of parts printed by PLA material	Ambade V., Rajurkar S., Awari G., Yelamasetti B., Shelare S.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166957178&doi=10.1007%2Fs12008-023-01490-7&partnerID=40&md5=e37f67344d4aabc87a0504cf9662e1bc	Yes
Modelling and numerical analysis of attitude control flaps of a UAV	Gowtham G., Jaganraj R., Nithya S., Arunkumar K.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165573779&doi=10.1007%2Fs12008-023-01432-3&partnerID=40&md5=8aec64c59292b4295ad89a202c2520d6	Yes
Numerical and empirical simulation of fluid flow in a spiral plate heat exchanger with Nusselt number correlation development	Dasore A., Konijeti R., Prakash B.O., Yelamasetti B.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165451174&doi=10.1007%2Fs12008-023-01454-x&partnerID=40&md5=4c18145778e149086891ebea2118c137	Yes
Application of a hybrid Taguchi grey approach for determining the optimal parameters on wire electrical discharge machining of Ti6Al4V	Khan M.A., Thejasree P., Natarajan M., Narasimhamu K.L.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165341335&doi=10.1007%2Fs12008-023-01440-3&partnerID=40&md5=ec8a28d4f96044a9ad786d423fdb4f41	Yes
A hybrid learning approach for modelling the fabrication of super duplex stainless steel thin joints using GTAW process	Kumar S., Vimal K.E.K., Khan M.A., Kumar Y.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165283585&doi=10.1007%2Fs12008-023-01413-6&partnerID=40&md5=9526ce72fe995617664d73c67879169c	Yes



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Effect of process parameter on wire cut EDM using RSM method	Selvam R., Vignesh M., Pugazhenthir R., Anbuhezhiyan G., Satyanarayana Gupta M.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162677320&doi=10.1007%2Fs12008-023-01391-9&partnerID=40&md5=cc44d9358e687bee40e15f46bd3d66d3	Yes
Analysis of residual stress in SS321 laser butt-welded plates using finite element analysis	Arroju P., Panchagnula K.K., Saritha P., Nune M.M.R., Madhura K., Kumar J.S., Vemanaboina H., Naidu G.G.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160436083&doi=10.1007%2Fs12008-023-01362-0&partnerID=40&md5=923245844692d40c4defab19b1de05b7	Yes
An energy-aware optimisation model to minimise energy consumption and carbon footprint in a flexible manufacturing system	Sagar K.V., Jerald J., Khan M.A.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160218611&doi=10.1007%2Fs12008-023-01352-2&partnerID=40&md5=03c9b8cf5080746c8eadf85f6f41f23e	Yes
Enhancement of heat dissipation capacity with the application of nano fluids in an internal cooling system	Puvvada N.L.P., Ronanki P., Gupta M.S.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159654189&doi=10.1007%2Fs12008-023-01321-9&partnerID=40&md5=72ef8c4bf8b53aad4579bb3a1a51338c	Yes
Parametric optimization of friction stir welded ZE42 rare earth alloys using grasshopper modelling technique	Darwins A.K., Satheesh M., Dhas J.E.R., Lewise K.A.S., Raj R.A., Manideep B.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159445034&doi=10.1007%2Fs12008-023-01347-z&partnerID=40&md5=db1ed27ad858367cf93e1af46a2a4a3f	Yes



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Numerical investigation on buckling of two-directional porous functionally graded beam using higher order shear deformation theory	Bridjesh P., Geetha N.K., Yelamasetti B.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158138349&doi=10.1007%2fs12008-023-01332-6&partnerID=40&md5=d58e58835f8dd6c7d4bdb90a5a662069	Yes
A multi-objective scheduling model for a flexible manufacturing system to reduce peak load using an energy storage system	Sagar K.V., Jerald J., Khan M.A.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158109522&doi=10.1007%2fs12008-023-01334-4&partnerID=40&md5=11aea0108f13cda0290c6fc03c22be16	Yes
Prediction of contact response using boundary element method (BEM) for different surface topography	Prajapati D.K., Prakash C., Saxena K., Gupta M.S., Mehta J.S.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152013000&doi=10.1007%2fs12008-023-01290-z&partnerID=40&md5=022d0e0d445a57a13a845bf4c0a52ffe	Yes
Thermal mapping of SS316L experimental and simulation for GTA welding process with moving heat source model using FEA	Reddy K.S., Purushotham A., kala K.L., Gupta M.S., Kumar P.K., Vemanaboina H.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151707883&doi=10.1007%2fs12008-023-01310-y&partnerID=40&md5=5444b03ef9cd93dc6ba017cb58fae1f3	Yes
Thermal simulation on friction stir welding of AA6061 aluminum alloy by computational fluid dynamics	Kumar R.R., Kumar A., Kumar A., Ansu A.K., Goyal A., Saxena K.K., Prakash C., Prasad J.L.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151408957&doi=10.1007%2fs12008-023-01311-x&partnerID=40&md5=a1d0faa71cb35123ba1679fdd64978cc	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Multi parameter optimization in end milling of S-glass fiber reinforced polymer composite using Taguchi technique coupled with Grey Relational Analysis	Kumar G.V., Gopalakrishnaiah P., Devi M.R., Vardhan T.V., Yelamasetti B.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150885877&doi=10.1007%2fs12008-023-01274-z&partnerID=40&md5=b23480f5227137a00f44f9e8213d1e1f	Yes
Computational fluid dynamic studies on configured propeller blades integrated with E62 airfoil	Lakshmanan D., Prasath M.S., Mathan A., Soundarya B., Murthy B.D., Annand A.V., Mishra N.K.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150517293&doi=10.1007%2fs12008-023-01273-0&partnerID=40&md5=0f20a7ab116898460e1a6716a3e1c72b	Yes
A payload based detail study on design and simulation of hexacopter drone	Shelare S., Belkhole P., Nikam K.C., Yelamasetti B., Gajbhiye T.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149949317&doi=10.1007%2fs12008-023-01269-w&partnerID=40&md5=39362cb0bdbfc69077490581e737b5f1	Yes
Analysis of hollow aluminum square tube of refitted mattresses using mathematical calculation & computerized 3-dimensional development	Wadgure A.T., Mishra P., Babu P.S., Reddy M.V.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149233881&doi=10.1007%2fs12008-023-01250-7&partnerID=40&md5=779502c23026c289e7553cfb6ffe9449	Yes
A study and experimental analysis of coconut husk extracting tool using generative design and topology optimization technique	Sakhare V.P., Mishra P., Babu P.S., Reddy M.V.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148947366&doi=10.1007%2fs12008-023-01240-9&partnerID=40&md5=f0a16a618982f02c63cb710b9d00d3be	Yes



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Effect of GTAW process parameters on weld characteristics and microstructural studies of dissimilar welded joints of AA5083 and AA6082: optimization technique	Yadav A.K., Agrawal M.K., Saxena K.K., Yelamasetti B.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148465836&doi=10.1007%2fs12008-023-01230-x&partnerID=40&md5=f32fea55cd23e99a18b8fc2adbf14da2	Yes
Numerical simulation and experimental residual stress analyses of dissimilar GTA weldments of AA 5083 and AA 6082	Yadav A.K., Agrawal M.K., Saxena K.K., Yelamasetti B.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147931190&doi=10.1007%2fs12008-023-01216-9&partnerID=40&md5=15f7ba7ba699509e010c6b5e2780e967	Yes
Prediction of thermal and residual stress distributions in SS304 materials for nuclear application using finite element analysis	Vemanaboina H., Akella S., Buddu R.K., Yelamasetti B., Matam M.B., Salem K.H., Saxena K.K., Prakash C., Buddhi D.	International Journal on Interactive Design and Manufacturing	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145382318&doi=10.1007%2fs12008-022-01153-z&partnerID=40&md5=6678e7d9589e1c9cfd2ca4ea0de53dff	Yes
Heat and Mass Transfer on Unsteady MHD Kuvshinski Fluid Flow Past an Inclined Porous Plate with Multiple Slip Effect	Janga A.K., Gajjala R.	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166225470&doi=10.37934%2ffarfmts.106.2.103115&partnerID=40&md5=14a97d511e088d296a1489795ab41702	Yes
Effect of Chemically Reactive Nanofluid Flowing Across Horizontal Cylinder: Numerical Solution	Ramanuja M., Kavitha J., Sudhakar A., Babu A.A., Kamala Sree H., Ramesh Babu K.	Journal of Advanced Research in Numerical Heat Transfer	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167725624&partnerID=40&md5=00c6cbadf1df8743cfae0dda03227ebc	Yes



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ZnO nanoparticles dispersed cholesteric liquid crystal based smart window for energy saving application	Pathinti R.S., Tatipamula A.K., Vallamkonda J.	Journal of Alloys and Compounds	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166586657&doi=10.1016%2fj.jallcom.2023.171198&partnerID=40&md5=60bdc47d4adf9514dea03aaaad3e7d93	Yes
On Numerical Bending Analysis of Functionally Graded Porous Beam - Effect of Porosity Adapting Higher Order Shear Deformation Theory	Bridjesh P., Reddy G.C.M., Geetha N.K., Ravikiran Ch., Nagaraju S.	Journal of Computational Applied Mechanics	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158019841&doi=10.22059%2fjCAMECH.2023.353341.788&partnerID=40&md5=0381c2710225174d9dfdbd9f17ec15bf	Yes
Comparative Study of III-Nitride Nano-HEMTs on Different Substrates for Emerging High-Power Nanoelectronics and Millimetre Wave Applications	Purnachandra Rao G., Lenka T.R., Singh R., Boukourt N.E.I., Sadaf S.M., Nguyen H.P.T.	Journal of Electronic Materials	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144705856&doi=10.1007%2fs11664-022-10145-4&partnerID=40&md5=d15902bd06db694a3aba820d23e61205	Yes
IoT-based data quality and data preprocessing of multinational corporations	Sirisha N., Gopikrishna M., Ramadevi P., Bokka R., Ganesh K.V.B., Chakravarthi M.K.	Journal of High Technology Management Research	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168119945&doi=10.1016%2fj.hitech.2023.100477&partnerID=40&md5=55f3721ed6596d40dc606581add0280	Yes
Artificial intelligence in steering the digital transformation of collaborative technical education	Lakshmi A.J., Kumar A., Kumar M.S., Patel S.I., Naik S.K.L., Ramesh J.V.N.	Journal of High Technology Management Research	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164226760&doi=10.1016%2fj.hitech.2023.100467&partnerID=40&md5=daee11e749eaf9a43f4bbd3d4991382	Yes



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Blockchain integration with the internet of things for the employee performance management	Godavarthi B., Dhar M., Devi S.A., Raju S.S., Balam A., Srilakshmi G.	Journal of High Technology Management Research	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162910637&doi=10.1016%2Fj.hitech.2023.100468&partnerID=40&md5=5130cecfed0d3b4eed64e6aa2bdcd953	Yes
Automatic Prediction and Identification of Smart Women Safety Wearable Device Using Dc-RFO-IoT	Rao K.S., Divakara Rao D.V., Patel I., Saikumar K., Vijendra Babu D.	Journal of Information Technology Management	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148519016&doi=10.22059%2FJITM.2022.89410&partnerID=40&md5=c23a70855340d298cd016704cb20ad2	Yes
Dye-surfactant co-assembly as the chromogenic indicator for nanomolar level detection of Cu(i) ions via a color-changing response	Mondal S., Karar M., Dey N.	Journal of Materials Chemistry B	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153938688&doi=10.1039%2Fd3tb00115f&partnerID=40&md5=c01e422cc6cb6a9a95a1ed7647f704d4	Yes
Flow Stress Modeling of Tube and Slab Route Sheets of Zircaloy-4 Using Machine Learning Techniques and Arrhenius Type Constitutive Equations	Kanthi L., Wankhede P., Kurra S., Singh S.K., Geetha Rajashekar S.	Journal of Materials Engineering and Performance	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135829650&doi=10.1007%2Fs11665-022-07102-x&partnerID=40&md5=1a679db3961384ccc23b42d03214d128	Yes
Metallurgical, mechanical and corrosion behaviour of pulsed and constant current TIG dissimilar welds of AISI 430 and Inconel 718	Yelamasetti B., Adithya G.S., Ramadevi R.S., Sonia P., Saxena K.K., Kumar P.N., Eldin S.M., Al-kafaji F.H.K.	Journal of Materials Research and Technology	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158820722&doi=10.1016%2Fj.jmrt.2023.04.231&partnerID=40&md5=f20c3bbcf67c8890529a6b2c5569558	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Identification of novel C-15 fluoro isosteviol derivatives for GABA-AT inhibition by in silico investigations	Salaria P., Akshinthala P., Kapavarapu R., Amarendar Reddy M.	Journal of Molecular Modeling	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148963869&doi=10.1007%2Fs00894-023-05479-7&partnerID=40&md5=9844d14921e69ffef6c2c82ddd941ff	Yes
A rapid synthesis of 5-substituted 7-amino-6-cyano-1,5-dihydro-1H-pyrano[2,3-d]pyrimidine-2,4(3H)-diones and their in silico / in vitro evaluation against SIRT1	Kondabanthini S., Akshinthala P., Katari N.K., Srimannarayana M., Gundla R., Kapavarapu R., Pal M.	Journal of Molecular Structure	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143696891&doi=10.1016%2Fj.jmolstruc.2022.134753&partnerID=40&md5=47e5c64e2f2eb86b988be516de07b87b	Yes
Synthesis and Antimicrobial Activity Assay of Nanometal Oxide-Doped Liquid Crystal	Deepthi S., Srikanth S., Satyanarayana Gupta M., Mulatu Kumara A.	Journal of Nanomaterials	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153190393&doi=10.1155%2F2023%2F5668025&partnerID=40&md5=87b9b49b31a6f502e64e4cf91684933d	Yes
A Study of Lithium Ferrite and Vanadium-Doped Lithium Ferrite Nanoparticles Based on the Structural, Optical, and Magnetic Properties	Malathi S., Sridhar B., Wayessa S.G.	Journal of Nanomaterials	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149144081&doi=10.1155%2F2023%2F6752950&partnerID=40&md5=d7e345633a44ce81e260276b0b332376	Yes
Nanoclay-Incorporated Polycaprolactone Matrix via Electrospinning Techniques-Enriched Spectroscopic Responses	Devina Merin D., Anith Jose R., Arulananth T.S., Allwyn Sundarraj A., Inbamalar T.M., Getnet Meharie M.	Journal of Nanomaterials	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149136417&doi=10.1155%2F2023%2F1194158&partnerID=40&md5=fa45a45e9377167a73edf2e3110d5171	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Annealing and intensity dependent femtosecond nonlinear optical studies of sodium zinc borate oxide glasses incorporated with gold nanoparticles	Gurushantha K., Patnala H., Kolavekar S.B., Tangod V.B., Aloraini D.A., Almuqrin A.H., Sayyed M.I., Rao S.V., Pramod A.G., Jagannath G., Patwari D.R., Keshavamurthy K.	Journal of Non-Crystalline Solids	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164287215&doi=10.1016%2Fj.jnoncrsol.2023.122484&partnerID=40&md5=cd98e1e3d7bb285dc38f7cb1c98f8147	Yes
FTOR-Mod PSO: A fault tolerance and an optimal relay node selection algorithm for wireless sensor networks using modified PSO	Rani K.P., Sreedevi P., Poornima E., Sri T.S.	Knowledge-Based Systems	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156142872&doi=10.1016%2Fj.knosys.2023.110583&partnerID=40&md5=5bcd3e34100503a0f815b5f0c5e6a25	Yes
Trivalent rare earth elements substitution in 58S bioactive glass matrix for bone repair applications - An in vitro and in vivo study	Chandran L., Marimuthu A., Abimanyu R., Padmanabhan P., Thirumavalavan M., Ballamurugan A.M.	Materials Chemistry and Physics	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150029078&doi=10.1016%2Fj.jmatchemphys.2023.127533&partnerID=40&md5=3785b40483f075d8d24e2e430f4747e4	Yes
Evaluation of residual stresses in CO2 laser beam welding of SS316L weldments using FEA	Vemanaboina H., Babu M.M., Prerana I.C., Gundabattini E., Yelamasetti B., Saxena K.K., Salem K.H., Khan M.I., Eldin S.M., Agrawal M.K.	Materials Research Express	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146494049&doi=10.1088%2F2053-1591%2F20230404&partnerID=40&md5=319cd35148efd3ca097851bffcc4d379	Yes
Microstructure and mechanical properties of AZ91D/Si3N4 composites using squeeze casting method	Rajesh G., Thiyyagaraj J., Jagath Narayana K., Anbuhezhiyan G., Saravanan R., Pugazhenthir R., Satyanarayana Gupta M.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156264598&doi=10.1016%2Fj.matpr.2023.04.470&partnerID=40&md5=1187a2fd6e60129b454b681739ebc896	Yes



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Evaluation of quasi static strength of Kevlar/Basalt-Epoxy and Kevlar/Glass-Epoxy Intra-woven composite laminate	Jensin Joshua J., Lohchab D.S., Nikhil Aanandhan A.R.S., Ashwin M., Keerthana S., Sateesh R., Seralathan S.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156169512&doi=10.1016%2fj.matpr.2023.04.249&partnerID=40&md5=b2570213ad314b0a7ebc5146c1bf6b88	Yes
Experimental investigations on impact of exhaust gas recirculation in CI engine using jute biodiesel	Bridjesh P., Chandra Mohana Reddy G., Nagaraju S., Sundeep M., Prabhu Kishore N.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153614696&doi=10.1016%2fj.matpr.2023.04.260&partnerID=40&md5=0168608611087110faceb7f97ad230e9	Yes
Static structural and aerodynamics analysis of 3D printed flapping wing mechanism of butterfly inspired ornithopter	Saravanan P., Madhanraj V., Shankaralingam L., Dhanush R., Vargheese V., Satyanarayana Gupta M., Seralathan S.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153600743&doi=10.1016%2fj.matpr.2023.04.253&partnerID=40&md5=436d6c6bb05f3a598f28ec93b099f00c	Yes
A study on single plate clutch disc using finite element method	Mohammed Mohaideen M., Mani Maran P., Rajesh Kumar G., Uday Ranjan Goud N., Jagannath V.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153593624&doi=10.1016%2fj.matpr.2023.04.264&partnerID=40&md5=9e11472a83499395818e5be6f10eca03	Yes
Study on aerodynamics characteristics of the effect of leading-edge radius of FDM printed (ABSi material) supersonic aerofoil	Madhanraj V., Saravanan P., Shankaralingam L., Balaji G., Sai Babu A., Sateesh R., Seralathan S.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153593387&doi=10.1016%2fj.matpr.2023.04.251&partnerID=40&md5=c757872e510ea5ce27806ba8dfe4773c	Yes



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State of art: Review on laser surface hardening of alloy metals	P. S.K., C. J., P. S., S. P.K., A. V.A., Pal Singh A., N. J.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153513285&doi=10.1016%2fj.matpr.2023.04.259&partnerID=40&md5=ad31d81a6eab13ac5aa407c8daf0d540	Yes
Synthesis and characterization of binding interaction of ZnO nanoparticles with organic compounds	Mohan S., Sudarsan S., Parthiban E., Guhanathan S., Prasad S.V.S.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153376626&doi=10.1016%2fj.matpr.2023.03.791&partnerID=40&md5=ce1dfb5e2fd20c44c6bcae65da34b359	Yes
Impact analysis on an integrated carbon composite wing spar of fixed wing aircraft	Elumalai E.S., Asokan R., Pragadheswaran S., Sivangai T., Sateesh R., Seralathan S.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153369279&doi=10.1016%2fj.matpr.2023.04.250&partnerID=40&md5=7c23571a4ee09d84743543062549d104	Yes
Experimental and numerical studies on kevlar composites	Mohammed Mohaideen M., Krishna Anand V.G., Dhara A., Uday Ranjan Goud N., James Anto Godwin J.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153340754&doi=10.1016%2fj.matpr.2023.04.270&partnerID=40&md5=67e0a787cdd1592cfe70208654f975e	Yes
Investigations on tribological behavior of natural fiber hybrid composites for brake friction	Senthil Kumar P., Jegadheesan C., Narasimhabharathi S., Nithiyarasan R., Manideep B., Pal Singh A.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153183093&doi=10.1016%2fj.matpr.2023.04.261&partnerID=40&md5=8ca8a53b55bdb19e9b212f2b93ce8e4b	Yes



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Effect of Al ₂ O ₃ water nanofluid quenching on the mechanical behaviour of the mild steel	Baskaran M., Senthilraja S., Sathish S., Khan M.A.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152952113&doi=10.1016%2fj.matpr.2023.03.797&partnerID=40&md5=a8a08a740ea37b82bf5f69139a75960e	Yes
Cutting zone temperature reduction in by using novel nanofluid in SAE1144 machining	Amuthan T., Saravanan R., Gnanavel C., Manikandan R., Jagadeeswaran P., Anbuhezhiyan G., Ganesh M.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152940241&doi=10.1016%2fj.matpr.2023.03.614&partnerID=40&md5=3fe301d808d2c5c270dd6dd1a3282a0b	Yes
Analysis of mechanical properties enhancement on composites of AA7175 by multi walled carbon nano tube (MWCNT)	Saravanan R., Gnanavel C., Ajith Arul Daniel S., Rajesh S., Kamatchi T., Anbuhezhiyan G., Sreekanth S.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152559006&doi=10.1016%2fj.matpr.2023.03.788&partnerID=40&md5=5f586f18ad4040364f45a9a495622d96	Yes
Challenges on friction stir welding of magnesium alloys in automotives	Unnikrishnan M.A., Edwin Raja Dhas J., Anton Savio Lewise K., Varghese J.C., Ganesh M.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152550265&doi=10.1016%2fj.matpr.2023.03.789&partnerID=40&md5=58ac65cfe2c72f9bff61bce23e8c1c67	Yes
Exploration of mechanical properties of hemp fiber/flax fiber reinforced composites based on biopolymer and epoxy resin	Shebaz Ahmed J.P., Sudarsan S., Parthiban E., Trofimov E., Sridhar B.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152427291&doi=10.1016%2fj.matpr.2023.03.790&partnerID=40&md5=747a1a13ff80c7a66aafa604ef6a7ea8	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Numerical and analytical analysis of wing spar made with different composite material	Navya Manjari A., Ajith Raj R., Rajasekhar Rayudu N., Vyshnavi V., Sravanthi	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152278941&doi=10.1016%2fj.matpr.2023.03.793&partnerID=40&md5=8ce468c38a8c98c958ae8d6088d49397	Yes
A Comparative study on Annealing and phase transition effect in SS 304 and SSLNA from low Nickel Austenite to Martensite	Vivek R., Rameshbabu R., Tamilarasan V.D., Arunachalam P., Vivek Anand A.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152257317&doi=10.1016%2fj.matpr.2023.03.750&partnerID=40&md5=2b761b383b83f4dd98d7a46f7af5d5a7	Yes
Role of areca fibres on the mechanical behavior of natural fibre reinforced polymer composite	Sathish S., Aneesh S., Naveen Vigneshwaran S., Nithish Kumar E.K., Ravichandran M., Anaz Khan M.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152199781&doi=10.1016%2fj.matpr.2023.03.606&partnerID=40&md5=9f7d1bd182c4e366d69131a9706fbc5	Yes
Flow and acoustic characteristics of convergent-divergent nozzle with and without wedges	Subramani N., Sangeetha M., Gowtham G., Sai Kumar A.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151651975&doi=10.1016%2fj.matpr.2023.03.608&partnerID=40&md5=6d75686f0739686e8ccc2bd248c1b9aa	Yes
Investigating the mechanical properties of tungsten carbide metal matrix composites with Al 6061	Prajul Raj P., Sridhar R., Pugazhenthir R., Anbuhezhiyan G., Ganesh M.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151561378&doi=10.1016%2fj.matpr.2023.03.605&partnerID=40&md5=d17e8958392d15c4df5c7bcf58e6938f	Yes



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Effect of chemical treatment on mechanical properties of prosopis juliflora fibre and glass fiber with nano fillers	Rakeshkumar C., Surenderpaul A., Naveen R., Sai Kumar A.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151464290&doi=10.1016%2fj.matpr.2023.03.398&partnerID=40&md5=836d413ba4c3427447b45ca119c82655	Yes
Modelling and additive manufacturing of a four stroke petrol engine using PLA material	Krishnaraj J., Harshavardhan Reddy K.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151448984&doi=10.1016%2fj.matpr.2023.03.396&partnerID=40&md5=da273bebaa322f9c848f0d009a4bc30a	Yes
Graphene/ZnO nanocomposite based optical biosensors	Prasad S.V.S., Kumar M., Arulananth T.S., Ravi B., Kumar B., Kiran Kumar B.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151448650&doi=10.1016%2fj.matpr.2023.03.273&partnerID=40&md5=0d03e15c9c75967512efdd723fd13ea6	Yes
Experimental investigation on performance and emission characteristics of algae oil biodiesel with methanol additive in CI engine	Boopathi M., Sathiskumar S., Manideep B., Jayakrishnan S., Praveen S.B., Gokul V., Sakthi Ganesh P., Gokulraj V.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151446008&doi=10.1016%2fj.matpr.2023.03.405&partnerID=40&md5=40d1f2bd2686daa11ef125803634d465	Yes
Investigating concentration of nano-particles influence in Molybdenum disulfide waste cooking oil nanofluid for machining of SAE 1144 in surface finish enhancement	Saravanan R., Malladi A., Gopalakrishnan T., Manikandan R., Jagadeeswaran P., Anbuhezhiyan G., Veeranjanyulu K.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151437338&doi=10.1016%2fj.matpr.2023.03.441&partnerID=40&md5=23b0ed4a4a3c91f3f3fbd94c66babca6	Yes



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Investigation on turning process performance during machining of 15-5PH stainless steel material with eco-friendly machining technique	Sivaiah P., Sudheera M., Muralidhar Singh M., Yuvaraj C., Chengal Reddy V., Lakshmi Narasimhamu K., Dilip Kumar M.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151433315&doi=10.1016%2fj.matpr.2023.03.303&partnerID=40&md5=58501a0f9e7a7a2b1597d158b278f5c6	Yes
Investigation of mechanical properties of glass fiber-ZrO ₂ -epoxy functionally graded composite	Panchal M., Dasore A., Rahul T.K., Yalamasetti B., Raghavendra G., Ojha S.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151431177&doi=10.1016%2fj.matpr.2023.03.270&partnerID=40&md5=7b1c6204c9fe3600bb99476540fe2673	Yes
Machine learning based metal surface roughness estimation in infrared images	Vasanth K., Elanangai V., Arulananth T.S., Thyagarajan K.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151426207&doi=10.1016%2fj.matpr.2023.03.394&partnerID=40&md5=74cdf533bf14334c8770b51c1e417af8	Yes
Prediction of thermal fields and stresses developed in GTAW dissimilar weldments of AA 5083 and AA 6082	Kumar Yadav A., Agrawal M.K., Saxena K.K., Yelamasetti B.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151403205&doi=10.1016%2fj.matpr.2023.03.174&partnerID=40&md5=8001153fda82864feb15fa435ccb83	Yes
Mechanical characterization of friction stir welded dissimilar aluminium alloy using Taguchi approach	Saravanan R., Malladi A., Amuthan T., Aneesh V.N., Jerin A., Anbuhezhiyan G., Saikumar A.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151398383&doi=10.1016%2fj.matpr.2023.03.278&partnerID=40&md5=13dc27d9a9491265c81ba8a0c15b1a29	Yes



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Tool wear effects on green and WCO/MoS2 nanofluid clean machining	Gnanavel C., Saravanan R., Baskaran P., Vignesh M., Aneesh V.N., Anbuhezhiyan G., Ganesh M.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151327037&doi=10.1016%2fj.matpr.2023.03.279&partnerID=40&md5=36b33c578f11649b7f37175831f8d39d	Yes
Effects of Molybdenum disulfide nano-particles' concentration on waste cooking oil nanofluid in reduction feed force in CNC wet machining of SAE 1144 steel	Gopalakrishnan T., Saravanan R., Malladi A., Manikandan R., Jagadeeswaran P., Anbuhezhiyan G., Ganesh M.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151279674&doi=10.1016%2fj.matpr.2023.03.442&partnerID=40&md5=ca2e976f21152a8465fe1f4c111c52de	Yes
Selection of best WEDM process parameters using grey relational analysis method	Chengal Reddy V., Sivaiah P., Nishkala T., Dilip Kumar M., Jameel Basha S.M., Sudheera M.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151276018&doi=10.1016%2fj.matpr.2023.03.443&partnerID=40&md5=f1cfee144ae0ba430127a93b701efc877	Yes
Flexural behavior of natural fiber epoxy composites	Chandra Sekhar V., Dasore A., Yalamasetti B., Sudha Madhuri K., G. N.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151245978&doi=10.1016%2fj.matpr.2023.03.429&partnerID=40&md5=98dd46a8ddf0b1d8d63467a0ecc07e27	Yes
Improvement of load bearing capacity by changing design parameters and material properties of journal bearings utilized in marine applications	Reddy Gopa D., Prasad L.S.V., Kumar Mishra N.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150856847&doi=10.1016%2fj.matpr.2023.03.208&partnerID=40&md5=4adb1fec4a4ba44e515a96b01d37f463	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Study on flexural behaviour of polypropylene fiber reinforced fly ash concrete beam	Kistan A., Kanchana V., Parthiban E., Vadivel S., Sridhar B.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150855151&doi=10.1016%2fj.matpr.2023.03.172&partnerID=40&md5=1ddef216dc42a8c2959de54a41a95756	Yes
Dynamic characteristic studies of novel flexible flip-type Savonius hydrokinetic turbine	Thiyagaraj J., Anbuhezhiyan G., Mamidi V.K., Barathiraja R., Sura S.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150789691&doi=10.1016%2fj.matpr.2023.03.170&partnerID=40&md5=1ea29b5a78e37287e2fbcded01ad6c7	Yes
Investigation of ceramic coating on operating characteristic of DI CI diesel engine fuelled with safflower methyl ester	Peryannan L., Saravanan P., Lavanyaa P., Sivakumar E., Silambarasan R., Sura S.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149734661&doi=10.1016%2fj.matpr.2023.02.154&partnerID=40&md5=56e3343e9d84e8048d30c66fc663a7fc	Yes
Experimental investigation on the impact of NOx emission in CI engine fueled with rapeseed biodiesel with antioxidant additives	Senthil M., Govindaraj M., Boopathi J., Elamvazuthi A., Silambarasan R., Manideep B.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149676616&doi=10.1016%2fj.matpr.2023.02.156&partnerID=40&md5=46736a1c09c6f660f76b571e261408ec	Yes
Influence of exhaust gas recirculation on working characteristics of biodiesel operated in LHR diesel engine	Senthil M., Kannan S., Sakthivel P., Ranjithkumar M., Silambarasan R., Sura S.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149660887&doi=10.1016%2fj.matpr.2023.02.155&partnerID=40&md5=0db541657fa3f43da26c649851c1632c	Yes



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Optimization of laser machining parameters of SS 314 using response surface methodology	Vishnu Vardhan T., Mahender T., Vempati S., Balram Y.	Materials Today: Proceedings	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149652221&doi=10.1016%2fj.matpr.2023.02.189&partnerID=40&md5=a98d06c813625b29c5765f2574fe3036	Yes
Mathematical Modeling of MHD Flow of CNTs/Ag Nanoparticles Past a Heated Stretchy Surface with Nonuniform Heat Sink/Source and Thermal Radiation Impacts	Gandhimathi T., Eswaramoorthi S., Loganathan K., Mishra N.K.	Mathematical Problems in Engineering	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168931403&doi=10.1155%2f2023%2f7308650&partnerID=40&md5=125cdd41191297e705106eb5fe445ddb	Yes
Enhanced Effectiveness in Various Ladder Graphs Based on the F-Centroidal Meanness Criterion	Rajesh Kannan A., Murali Krishnan S., Loganathan K., Alessa N., Hymavathi M.	Mathematics	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166255668&doi=10.3390%2fmath11143205&partnerID=40&md5=2a9c3302aefcfe261a2dde621e3bb8291	Yes
Hybrid Fuzzy Rule Algorithm and Trust Planning Mechanism for Robust Trust Management in IoT-Embedded Systems Integration	Reddy N.V.R., Padmaja P., Mahdal M., Seerangan S., Vimal V., Talasila V., Cepova L.	Mathematics	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161369568&doi=10.3390%2fmath11112546&partnerID=40&md5=ca1cd25b5f63f9130b4529fc0dcb1a6d	Yes
(Formula presented.)-Uni-Intuitionistic Fuzzy Soft h- Ideals in Subtraction BG-Algebras	Balamurugan M., Alessa N., Loganathan K., Amar Nath N.	Mathematics	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164674448&doi=10.3390%2fmath11102296&partnerID=40&md5=e37496adf220a1803e0424820b604ade	Yes



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Enhancing Data Security in IoT Networks with Blockchain-Based Management and Adaptive Clustering Techniques	Kiran A., Mathivanan P., Mahdal M., Sairam K., Chauhan D., Talasila V.	Mathematics	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159169674&doi=10.3390%2fmath11092073&partnerID=40&md5=d74dc4fff541ed4e0c3d04f8701597d8	Yes
On Numerical Investigation of Buckling in Two-Directional Porous Functionally Graded Beam Using Higher Order Shear Deformation Theory	Bridjesh P., Geetha N.K., Reddy G.C.M.	Mechanics of Advanced Composite Structures	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163686843&doi=10.22075%2fmacs.2023.29340.1462&partnerID=40&md5=83fcaaf713f5699a328d2db5b8bc2bce	Yes
Computational Analysis of Darcy–Forchheimer Flow of Cu/Al–Al ₂ O ₃ Hybrid Nanofluid in Water over a Heated Stretchable Plate with Nonlinear Radiation	Alessa N., Sindhu R., Divya S., Eswaramoorthi S., Loganathan K., Prasad K.S.	Micromachines	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149021611&doi=10.3390%2fmi14020338&partnerID=40&md5=42a14e76ea28909c5fd8e32dbafd1fee	Yes
Skin cancer segmentation with the aid of multi-class dilated D-net (MD2N) framework	Kumar M.D., Sivanarayana G.V., Indira D.N.V.S.L.S., Raj M.P.	Multimedia Tools and Applications	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149879159&doi=10.1007%2fs11042-023-14605-9&partnerID=40&md5=78499f7d895b09ea27e20c87b48aa2e0	Yes
An improved GABOR wavelet transform and rough k-means clustering algorithm for MRI BRAIN tumor image segmentation	Rao B.C., Raju K., Babu G.R., Pittala C.S.	Multimedia Tools and Applications	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148213082&doi=10.1007%2fs11042-023-14485-z&partnerID=40&md5=c25af2a4812d1290c3017055e162b6ea	Yes



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Authentication of video based on concatenated plane slicing layers approach	Sridhar B.	Multimedia Tools and Applications	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147103393&doi=10.1007%2fs11042-023-14426-w&partnerID=40&md5=24983050601e86c100dea9abe0a38ed4	Yes
Medical image segmentation using an optimized three-tier quantum convolutional neural network trained with hybrid optimization approach	Prasad S.V.S., Rao B.C., Rao M.K., Kumar K.R., Vara Prasad S.D., Ramesh C.	Multimedia Tools and Applications	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173109532&doi=10.1007%2fs11042-023-16980-9&partnerID=40&md5=ad41b842210d5e6538c7703550a0c5f7	Yes
An effective sharing approach of selective video frames for secure multimedia transmission	Sridhar B.	Multimedia Tools and Applications	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160832113&doi=10.1007%2fs11042-023-15843-7&partnerID=40&md5=228511a64a3564ef20b674731056e30f	Yes
PCA Based Dimensional Data Reduction and Segmentation for DICOM Images	Arulananth T.S., Balaji L., Baskar M., Anbarasu V., Rao K.S.	Neural Processing Letters	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096379638&doi=10.1007%2fs11063-020-10391-9&partnerID=40&md5=782c935e301cc594f0c720702367ee7b	Yes
Sub-network modeling and integration for low-light enhancement of aerial images	Uganya G., Devi C.H.S., Chaturvedi A., Shankar B.B., Ramesh J.V.N., Kiran A.	Optical and Quantum Electronics	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170386720&doi=10.1007%2fs11082-023-05224-7&partnerID=40&md5=7a7aef616352c1205cc13d0c4990d6d1	Yes



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Integrated multifunctional molecular logic device powered by ion-specific dual mode optical responses	Karar M., Dey N.	Optical Materials	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164242381&doi=10.1016%2fj.optmat.2023.113989&partnerID=40&md5=85ec519b543d7748caf281c3a62ab8ad	Yes
The Electronic Structure and Optical Properties of Heusler Alloys $Mn_{2-x}Fe_{1+x}Al$ ($x = -0.5, 0, 0.5, 1$)	Shreder E.I., Lukoyanov A.V., Mukhachev R.D., Filanovich A.N., Dash S., Patra A.K., Vasundhara M.	Physics of Metals and Metallography	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164110636&doi=10.1134%2fS0031918X2370014X&partnerID=40&md5=c66bb5c2f3dabd6334d733b7d389ee8b	Yes
Edge detection using fast pixel based matching and contours mapping algorithms	Arulananth T.S., Chinnasamy P., Babu J.C., Kiran A., Hemalatha J., Abbas M.	PLoS ONE	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167748064&doi=10.1371%2fjournal.pone.0289823&partnerID=40&md5=6316b6b38048c81f127d0ae2ab82ab7c	Yes
Low-Power Very-Large-Scale Integration Implementation of Fault-Tolerant Parallel Real Fast Fourier Transform Architectures Using Error Correction Codes and Algorithm-Based Fault-Tolerant Techniques	Chowdary M.K., Turaka R., Alabduallah B., Khan M., Babu J.C., Kiran A.	Processes	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169081528&doi=10.3390%2fpr11082389&partnerID=40&md5=3294869edf8ff335cbb1aa574ac0fbeb	Yes
Design Optimization of Counter-Flow Double-Pipe Heat Exchanger Using Hybrid Optimization Algorithm	Venkatesh B., Khan M., Alabduallah B., Kiran A., Babu J.C., Bhargavi B., Alhayan F.	Processes	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163810958&doi=10.3390%2fpr11061674&partnerID=40&md5=24fef96d74481875a1a0e7191b19c2f0	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Deep Learning Based Optimization Model for Energy Consumption of New Electric Vehicles	Kotapati G., Selvamani P.K.D., Lella K.K., Shaik K.S., Katevarapu V.R., Bommagani N.J.	Revue d'Intelligence Artificielle	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173036072&doi=10.18280%2fria.370402&partnerID=40&md5=914f1f419fd19f20ad94370ad68ce947	Yes
Classification of a New-Born Infant's Jaundice Symptoms Using a Binary Spring Search Algorithm with Machine Learning	Inamanamelluri H.V.S.L., Pulipati V.R., Pradhan N.C., Chintamaneni P., Manur M., Vatambeti R.	Revue d'Intelligence Artificielle	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163445008&doi=10.18280%2fria.370202&partnerID=40&md5=a7d3e3f3e6c36aa372875ec220a7144a	Yes
Smart Health Monitoring Using Deep Learning and Artificial Intelligence	Philip J., Gandhimathi S.K., Chalichalamala S., Karnam B., Chandanapalli S.B., Chennupalli S.	Revue d'Intelligence Artificielle	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161008599&doi=10.18280%2fria.370222&partnerID=40&md5=d53fc35108924986da0459168b088b2b	Yes
Enhancement in the electrical transport properties of CaMnO ₃ via La/Dy co-doping for improved thermoelectric performance	Vijay A., Charan Prasanth S., Jose R., Saravanan K.V.	RSC Advances	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164929970&doi=10.1039%2fd3ra03053a&partnerID=40&md5=030427246bb23d980fd01aeec868a9e7	Yes
Evanescent wave in multiple slit diffraction and n-array antennas in metamaterial using Cesàro convergence	Nellambakam Y., Haritha K., Shiv Chaitanya K.V.S.	Scientific Reports	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162260741&doi=10.1038%2fs41598-023-36894-8&partnerID=40&md5=b0febf9b86f908033607464269e3cbf8	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Enhanced Dual-Selection Krill Herd Strategy for Optimizing Network Lifetime and Stability in Wireless Sensor Networks	Balaram A., Babu R., Mahdal M., Fathima D., Panwar N., Ramesh J.V.N., Elangovan M.	Sensors	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170352877&doi=10.3390%2fs23177485&partnerID=40&md5=3165d0e8d9d80fa8e244389bed41d1c8	Yes
Determination of Valbenazine related substances by liquid chromatography method complying with the current regulatory guidelines. Method robustness evaluation by Design of Experiments software	Deshmukh B.R., Akshinthala P., Katari N.K., Deshpande G.K., Kowtharapu L.P., Battula S.R., Gundla R.	Separation Science Plus	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163322989&doi=10.1002%2fsscp.202300010&partnerID=40&md5=05a9fef386668412e4e3a72eef2c9e0f	Yes
1-Bit FinFET Carry Cells for Low Voltage High-Speed Digital Signal Processing Applications	Pittala C.S., Vijay V., Reddy B.N.K.	Silicon	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135350810&doi=10.1007%2fs12633-022-02016-8&partnerID=40&md5=6baff098efa4f6ddf45fdd15cb7cf47f	Yes
Optimization of Flexible Manufacturing Production Line System Based on Digital Twin	Ramkumar G., Misra S., Babu G.R., Gottimukkala A.R., Siddi S., Kumar J.S.	SN Computer Science	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172070189&doi=10.1007%2fs42979-023-01978-9&partnerID=40&md5=4f3f6789259d0115ccf60812477de25c	Yes
Implementation and Manufacturing of DT Sensor Ecosystem for Real-Time Monitoring of Virtual 3D Printers	Reddy K.S.S., Rajesh R., Raj P.A.C., Arya N., Bhaskaran R., Prasad J.L.	SN Computer Science	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170633060&doi=10.1007%2fs42979-023-01969-w&partnerID=40&md5=07befbb0172f914aeef575f5b8e5494	Yes



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Development of Digital Twin with External Data Resources in Manufacturing with Complex Algorithms	Vijayalakshmi N., Roopa Y.M., Ashreetha B., Ramesh J.V.N., Rao E.G., Sundararajan P.N.	SN Computer Science	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168355700&doi=10.1007%2Fs42979-023-02035-1&partnerID=40&md5=51504c92b028087272634ee18869b4f3	Yes
Smart Production and Manufacturing System Using Digital Twin Technology and Machine Learning	Yadav R., Roopa Y.M., Lavanya M., Ramesh J.V.N., Chitra N.T., Babu G.R.	SN Computer Science	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168236166&doi=10.1007%2Fs42979-023-01976-x&partnerID=40&md5=a543b55816083c9b6b0c38d6612b655e	Yes
Modelling and Implementation of Microcontroller System Robotic Devices Through Digital Twins with the Modernization of Complex Systems	Ashok J., Tallapragada V.V.S., Padmaja D.L., Sathish E., Karthikeyan S., Kumar J.P.	SN Computer Science	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163757879&doi=10.1007%2Fs42979-023-01938-3&partnerID=40&md5=76226b0495206bde1805b2877ad35ce1	Yes
Heat and Mass Transport in Casson Nanofluid Flow over a 3-D Riga Plate with Cattaneo-Christov Double Flux: A Computational Modeling through Analytical Method	Loganathan K., Eswaramoorthi S., Chinnasamy P., Jain R., Sivasakthivel R., Ali R., Devi N.N.	Symmetry	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152668598&doi=10.3390%2Fsym15030725&partnerID=40&md5=2e0c062ceb06297aaa3dd881443654c1	Yes
Computational Modeling of Thermodynamical Pulsatile Flow with Uncertain Pressure in Hydrocephalus	Balasundaram H., Alessa N., Loganathan K., Vijayalakshmi V., Goud N.U.R.	Symmetry	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149235803&doi=10.3390%2Fsym15020534&partnerID=40&md5=89c40440c72576ebf07b132f289c1305	Yes



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Thermal Onsets of Viscous Dissipation for Radiative Mixed Convective Flow of Jeffery Nanofluid across a Wedge	Dadhich Y., Alessa N., Jain R., Kaladgi A.R., Loganathan K., Devi V.R.	Symmetry	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149213278&doi=10.3390%2f-sym15020385&partnerID=40&md5=58f48211ff25733d4dceac6596465e3a	Yes
Artificial Intelligence for Media Ecological Integration and Knowledge Management	Balaram A., Kannan K.N., ?epová L., Kumar M K., Rani B S., Schindlerova V.	Systems	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160028133&doi=10.3390%2f-systems11050222&partnerID=40&md5=9aac2846265fbc124cc1576422f6f8a6	Yes
Internet of things with nanomaterials-based predictive model for wastewater treatment using stacked sparse denoising auto-encoder	Neelakandan S., Rajasekhar Reddy N.V., Ghfar A.A., Pandey S., Kiran S., Arasu P.T.	Water Reuse	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164113661&doi=10.2166%2f-wrd.2023.006&partnerID=40&md5=86b35c6db75731bd9e63ec06c28f76ab	Yes
Optimization of water reuse and modelling by saline composition with nanoparticles based on machine learning architectures	Rao K.S., Tirth V., Almujiabah H., Alshahri A.H., Hariprasad V., Senthilkumar N.	Water Science and Technology	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163787615&doi=10.2166%2f-wst.2023.161&partnerID=40&md5=312ae501324c6e45bdab216181ffe2ac	Yes
Highly accurate sybil attack detection in vanet using extreme learning machine with preserved location	Balaram A., Nabi S.A., Rao K.S., Koppula N.	Wireless Networks	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162047817&doi=10.1007%2fs11276-023-03399-1&partnerID=40&md5=eb4fff98ddadc7ddc30dd411962a4739	Yes



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Target-aware distributed coverage and connectivity algorithm for wireless sensor networks	Banoth S.P.R., Donta P.K., Amgoth T.	Wireless Networks	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147311112&doi=10.1007%2fs11276-022-03224-1&partnerID=40&md5=d5fd6b2f607ec0b3e01c17c417af20fc	Yes
A Novel Optimized Recurrent Network-Based Automatic System for Speech Emotion Identification	Koppula N., Rao K.S., Nabi S.A., Balam A.	Wireless Personal Communications	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138218086&doi=10.1007%2fs11277-022-10040-5&partnerID=40&md5=3b2b8bbc4137b154d2f10984f6a9a68d	Yes
An Attention Based Bi-LSTM DenseNet Model for Named Entity Recognition in English Texts	VeeraSekharReddy B., Rao K.S., Koppula N.	Wireless Personal Communications	2023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149717224&doi=10.1007%2fs11277-023-10339-x&partnerID=40&md5=596d75d8b2b97924c5fd2db26da1e4b0	Yes
2021-2022					
ANALYSIS OF MACHINE LEARNING BASED RENEWABLE ENERGY SYSTEMS	Kumar K.P., Arshad M., Hussain M.A.		2022	10.1149/10701.19853ecst	Yes
A Secure Context-Aware Trust based improved POR Protocol for Delay Tolerant Networks	Dr.A. Balam	Automatika TAUT	2022	https://doi.org/10.1080/00051144.2022.2095830	Yes
TO CONTROL THE DIRECTION AND ANGLE OF STEPPER MOTOR USING ZIGBEE TECHNOLOGY	Mr. P. JITHENDAR	Journal of Emerging Technologies and Innovative Research	2022	https://jetir.org/papers/JETIR2205987.pdf	Yes
DECOUPLED CONTROL OF THREE PHASE GRID CONNECTED SOLAR PV SYSTEM	Mr. P. JITHENDAR	Journal of Emerging Technologies and Innovative Research	2022	https://www.jetir.org/trackauthorhome.php?a_rid=403058	Yes
Mitigation of Harmonics by using multi level inverter in Hybrid system (PV & Wind)	Mr. P. RAVITEJA	Journal of Emerging Technologies and Innovative Research	2022	https://www.jetir.org/trackauthorhome.php?a_rid=402972	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Ground fault and short- circuit protection using Arduino and GSM	Mr. P. RAVITEJA	Journal of Emerging Technologies and Innovative Research	2022	https://www.jetir.org/hardcopy-charges.php	Yes
SOLAR BICYCLE - An Initiative towards Conservation of Non-Renewable Resources	Mr. A. YADAGIRI	Journal of Emerging Technologies and Innovative Research	2022	https://www.jetir.org/view?paper=JETIR2205948	Yes
DYNAMIC VOLTAGE RESTORER	B.Madhuri Reddy	Journal of Emerging Technologies and Innovative Research	2022	http://www.jetir.org/papers/JETIR2205966.pdf	Yes
Hybrid Electric Bicycle using PMDC motor controller & pedaling mechanism	Dr.A.Sudhakar	Journal of Emerging Technologies and Innovative Research	2022	https://www.jetir.org/papers/JETIR2205922.pdf	Yes
Power optimization of induction motor using fuzzy logic Control for EV(electric Vehicles)	Dr.M.Dilip Kumar	Journal of Emerging Technologies and Innovative Research	2022	https://www.jetir.org/trackauthorhome.php?a_rid=403095	Yes
SUN TRACKING SOLAR PANEL USING L293D MOTORDRIVE AND ATmega328P MICROCONTROLLER	Dr.M.Dilip Kumar	Journal of Emerging Technologies and Innovative Research	2022	https://www.jetir.org/papers/JETIR2205749.pdf	Yes
Intelligent Energy Monitoring and Control System	Dr.T.Bhargava Ramu	Journal of Emerging Technologies and Innovative Research	2022	https://www.jetir.org/papers/JETIR2205888.pdf	Yes
Advanced Monitoring System for Electric Vehicle Real-Time Condition Monitoring	Dr.T.Bhargava Ramu	Journal of Emerging Technologies and Innovative Research	2022	https://www.ijsr.net/get_abstract.php?paper_id=SR22428132846	Yes
CONTROL OF MOTOR BASED ON WATER QUALITY AND ALERTING SYSTEM USING IOT	Mr. Ch. Srivardhan	Journal of Emerging Technologies and Innovative Research	2022	https://www.jetir.org/papers/JETIR2205893.pdf	Yes
WIRELESS SPEED AND DIRECTION CONTROL OF DC MOTOR USING RF TECHNOLOGY	Mr. Ch. Srivardhan	Journal of Emerging Technologies and Innovative Research	2022	https://www.jetir.org/trackauthorhome.php?a_rid=402778	Yes
Economic Improvement of Power Factor Using Automatic Compensators for Domestic Use	Mr. V.Kishore	Journal of Emerging Technologies and Innovative Research	2022	https://www.jetir.org/papers/JETIR2205700.pdf	Yes



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STUDY AND IMPLEMENTATION OF WIRELESS POWER TRANSMISSION	Mr. V.Kishore	Journal of Emerging Technologies and Innovative Research	2022	https://www.jetir.org/papers/JETIR2205708.pdf	Yes
RENEWABLE ENERGY SOURCE BASED BOOST CONVERTER FED BLDC MOTOR	Ms. K. Rajasri	Journal of Emerging Technologies and Innovative Research	2022	https://www.jetir.org/papers/JETIR2205791.pdf	Yes
INVESTIGATIONS ON MECHANICAL PROPERTIES OF BIO-WASTE MICRO PARTICLES REINFORCED PHENOL FORMALDEHYDE COMPOSITES	Jose A.S., Athijayamani A., Jani S.P., Stalany V.M., Khan M.A.	Archives of Metallurgy and Materials	2022	10.24425/amm.2022.137768	Yes
IMPACT OF HALL ON PERISTALTIC FLOW OF A NEWTONIAN FLUID IN A VERTICAL CHANNEL THROUGH A POROUS MEDIUM	Reddy G.R., Reddy K.R.	ARPN Journal of Engineering and Applied Sciences	2022	https://miar.ub.edu/issn/1819-6608#:~:text=ISSN%201819%20D6608&text=4%20Specialized%20databases.&text=0%20Evaluation%20resources.&text=From%202022%20onwards%20MIAR%20will%20not%20show%20the%20ICDS%20calculation.	Yes
A context-aware improved POR protocol for Delay Tolerant networks	Balaram A., Sakthivel T., Chandan R.R.	Automatika	2022	10.1080/00051144.2022.2095830	Yes
Entropy analysis of MHD flow of Jeffrey fluid in an inclined channel	Mani R., Gopi Krishna G.	Heat Transfer	2022	10.1002/hjt.22569	Yes
Casson nanofluid performance on MHD convective flow past a semi-infinite inclined permeable moving plate in presence of heat and mass transfer	Ravindranath Reddy G., Ramakrishna Reddy K.	Heat Transfer	2022	10.1002/hjt.22645	Yes
A dynamic preserving-based WSN framework for medical disease prediction	Madhuravani B., Murthy D.S.R., Raju S.V.	International Journal of Ad Hoc and Ubiquitous Computing	2022	10.1504/IJAHUC.2022.123523	Yes
Analysis on the effect of pilot injection strategies on combustion and emission characteristics of palm-munja biodiesel/diesel blend on CRDI diesel engine	Babu J.M., Prasad K.S., Ganji P.R., Ravikiran C., Velu R.	International Journal of Ambient Energy	2022	10.1080/01430750.2019.1663368	Yes
Indirect output-error modeling scheme for continuous processes with unknown time delay using iterative instrument variable approach	Sharma S., Padhy P.K.	International Journal of Dynamics and Control	2022	10.1007/s40435-021-00896-z	Yes



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Numerical analysis of various plasmonic MIM/MDM slot waveguide structures	Pittala C.S., Vallabhuni R.R., Vijay V., Anam U.R., Chaitanya K.	International Journal of System Assurance Engineering and Management	2022	10.1007/s13198-022-01664-8	Yes
Characterization of general relativistic spacetime equipped with η -Ricci-Bourguignon soliton	Dey S., Roy S.	Journal of Geometry and Physics	2022	10.1016/j.geomphys.2022.104578	Yes
Privacy Preserving with Modified Grey Wolf Optimization over Big Data Using Optimal K Anonymization Approach	Sai Kumar S., Reddy A.R., Krishna B.S., Nageswara Rao J., Kiran A.	Journal of Interconnection Networks	2022	10.1142/S0219265921410395	Yes
Energy transfer dynamics and photoluminescence properties of sol-gel synthesized dense-packed $\text{Ca}_{3-(x+y)}\text{TbxSmyMgSi}_2\text{O}_8$ phosphor	Padhi R.K., Ramakrishna P., Vinodkumar P., Rout A.	Journal of Luminescence	2022	10.1016/j.jlumin.2022.119113	Yes
Electro-Optical properties of photoaligned Liquid Crystal cells prepared with obliquely irradiated Chalcogenide glasses	Tatipamula A.K., Gelbaor Kirzhner M., Chaudhary A., Klebanov M., Abdulhalim I.	Journal of Molecular Liquids	2022	10.1016/j.molliq.2021.118087	Yes
Application of C-band sentinel-1A SAR data as proxies for detecting oil spills of Chennai, East Coast of India	Dasari K., Anjaneyulu L., Nadimikeri J.	Marine Pollution Bulletin	2022	10.1016/j.marpolbul.2021.113182	Yes
An experimental study on mechanical properties of Kevlar composite for aircraft structural applications	Nagaraj Goud B., Sura S., Aravind P., Jawahar Lal B., Sanskruti K., Pavan C.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.06.053	Yes
Promotional effect of Ce on catalytic performance for the glycerol hydrogenolysis over Ni-Ce/RSAC catalyst	Subba Rao K., Palle K., Naga Gayatri S., Kumar N.P., Angajala K.K., Shanthi V.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.06.056	Yes
Optical, dielectric and elastic studies of high birefringent ambient temperature nematic liquid crystal mixtures having similar molecular cores	Sai Dasari V., Arun Kumar T., Ramya E.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.06.049	Yes
Preparation and characterization of Silk/Bamboo/Glass nano polymer composites	Subash S., Stanly Jones Retnam B., Jerin Happy J., Edwin Raja Dhas J., Anton Savio Lewis K., Ganesh M.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.04.570	Yes
Optimizing FSW process parameters using RSM and regression analysis for similar and dissimilar aluminium materials	Suhin S., Robin Divahar S., Edwin Raja Dhas J., Anton Savio Lewis K., Satyanarayana Gupta M.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.04.707	Yes
Identifying legitimate user in DDoS attack using Petri net	Kavitha K., Babitha T., Praveena V., Devika P.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.393	Yes



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K-Anonymization approach for privacy preservation using data perturbation techniques in data mining	Kiran A., Shirisha N.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.117	Yes
Display device parametric computation through image analysis on supra molecular hydrogen bonded liquid crystal p-n-alkyloxy benzoic acid (where n=10) with pimelic acid	Sailaja M.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.037	Yes
Twitter based sentimental analysis of Covid-19 observations	Vijayaraj A., Bhavana K., SreeDurga S., Lokesh Naik S.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.194	Yes
Experimental analysis on Feed force reduction performance by nano fluid of nano- alumina particles enriched waste coconut oil in wet machining of SAE 1045 steel shaft	Anbuezhayan G., Saravanan R., Pugazhenthir R., Ananda Kumar E., Arunkumar K.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.306	Yes
Experimentally investigating cutting force reduction performance by nano-alumina particles enriched waste coconut oil Nano fluid in electric motor shaft manufacturing	Anbuezhayan G., Saravanan R., Pugazhenthir R., Karunakaran K., Venkateswar Reddy M.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.294	Yes
Computational method for 1-D one phase problem	Kanakadurga Devi P., Naidu Girma Tafesse V.G., Manjula K., Renuka Devi R.L.V.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.190	Yes
Reconnoitering the influence of nanofluid of Nano-alumina particles enriched waste coconut oil in Machining SAE 1045 shaft on modification Surface finish	Anbuezhayan G., Saravanan R., Pugazhenthir R., Rathinam V., Nagireddy M.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.183	Yes
Detecting Covid19 and pneumonia from chest X-ray images using deep convolutional neural networks	Sri Kavya N., shilpa T., Veeranjanyulu N., Divya Priya D.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.199	Yes
Efficient spam filtering through intelligent text modification detection using machine learning	Mageshkumar N., Vijayaraj A., Arunpriya N., Sangeetha A.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.364	Yes
Paddy disease classification using machine learning technique	Sobiyaa P., Jayareka K.S., Maheshkumar K., Naveena S., Rao K.S.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.398	Yes
Field study of remote controlled Agrobot	Satyanarayana Gupta M., Shravan koundinya V., Phani Babu Vemuri V., Sai Kumar A., Venkata Rambabu G., Ganesh M.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.394	Yes



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Effect of infill density and infill pattern on the mechanical properties of 3D printed PLA parts	Sriya Ambati S., Ambatipudi R.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.312	Yes
Experimental investigation on tool wear reduction by nano- alumina particles enriched waste coconut oil nano-fluid for machining SAE 1045 shaft	Saravanan R., Anbuechhiyan G., Pugazhenth R., Sura S.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.296	Yes
Analysis of Indian and American poetry using topic modeling and Deep learning	Praveen Kumar K., Phani Kumar S V., Lokesh Kumar S.K.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.297	Yes
Segmentation of Hard exudates for the detection of Diabetic Retinopathy with RNN based semantic features using fundus images	Sivapriya G., Praveen V., Gowri P., Saranya S., Sweetha S., Shekar K.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.189	Yes
Vehicle Routing Optimization Problem: A Study on Capacitated Vehicle Routing Problem	Praveen V., Keerthika D.P., Sivapriya G., Sarankumar A., Bhasker B.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.185	Yes
3D printing of composite materials: A short review	Sai Saran O., Prudhvidhar Reddy A., Chaturya L., Pavan Kumar M.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.144	Yes
Nonlinear optical properties of chalcone derivatives- a short review	Saha A.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.131	Yes
Vehicle count prediction using machine learning	Peram S.R., Sri Lekha M., Sai Sri Jyothsna K., Lakshmi Pallavi K., Hema V.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.191	Yes
An investigation of the effects of hot rolling on the microstructure and mechanical behavior of nano-sized SiC particulates reinforced Al6063 alloy	Sreeram D., Pugazhenth R., Anbuechhiyan G., Saravanan R., Veeranjanyulu K.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.197	Yes
Determination of the optimum nose cone geometrical shape for supersonic missile	Shah V.K., Ateeb K., Razzaq M., Varun C., Avinash B.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.205	Yes
Experimental investigations on synthesis and characterization of tamarind seed powder reinforced Bio- composites	Karunakaran K., Pugazhenth R., Anbuechhiyan G., Saravanan R., Venkateswar Reddy M.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.210	Yes
Performance analysis of CD nozzle	Vadivelu P., Senthilkumar G., Sivaraj G., Lakshmanan D., Uday Ranjan Goud N.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.148	Yes
Experimentally exploring nano-fluid of alumina nano-particles enriched waste coconut oil effects in cutting zone temperature reduction in motor shaft manufacturing process	Anbuechhiyan G., Saravanan R., Pugazhenth R., Rathinam V., Nagireddy M.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.203	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
An effective automatic detection of tooth cavity using machine cum deep learning concepts and ICDAS measurement	K S J., P S., Dr.A.C.Kaladevi, Vinodhini.V, Suman B.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.109	Yes
Ergonomic assessment of handloom silk saree workers	Muthukumar K., Sundaramahalingam A., Amirtham K., Manideep B.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.295	Yes
Stress analysis of corrugated plate fuselage under different loading conditions	Veeranjaneyulu K., Sravanthi G., kumar Chaturvedi S., Joshi S., Surya Kiran K.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.035	Yes
Analysis of image security by triple DES	Peram S.R., Harsha vardhan G., Neeraj M., Anand Kumar B.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.321	Yes
Analytical approach on Indian bentonites from Rajasthan: Structural and physical characterization	Kumarasamy K., Shah R.G., Sundaradoss M.V., Balu S.K., Ramachandran R., Goud B.N.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.111	Yes
Fabrication of natural fibre based industrial safety helmet	Muthukumar K., Amirtham K., Sundaramahalingam A., Kumar Mishra N.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.195	Yes
Trash Sweep Medi-waste separator	Raj V.A., Rao P.N., Prasanna Alagokulesh R., Jeeva M.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.155	Yes
Automated target regression framework for LACP	Arun Raj V., Patil S., Bamini A.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.05.113	Yes
An investigation on the effect of parameters of the process in fused deposition modeling on mechanical characteristics	Priyanka T., Ambatipudi R., Laxmi Prasad J.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.04.834	Yes
Machine learning based cardiovascular disease prediction	Chinnasamy P., Arun Kumar S., Navya V., Lakshmi Priya K., Sruthi Boddu S.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.04.907	Yes
Tuning thermoelectric properties of Nb and Ta co-doped SrTiO ₃ ceramics	S C.P., Jose R., Vijay A., P V., K V.S.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.04.908	Yes
Modelling of weld residual stress parameters by SVR approach	Yazir S.M., Dhas J.E.R., Darwins A.K., Lewise K.A.S., Gupta M.S.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.04.693	Yes
Effect of Lanthanum doping on the thermoelectric power factor of CaMnO ₃	Vijay A., Jose R., Prasanth S C., P V., Venkata Saravanan K.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.04.794	Yes
Evaluation of thermo mechanical and corrosion properties of uniaxially pressed refractory blocks used in the transition zone of cement rotary kilns	Kumarasamy K., Sudandara Doss M.V., Vivek Anand A.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.04.895	Yes
Detection of malaria parasite in thick blood smears using deep learning	Balaram A., Silparaj M., Gajula R.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.04.1012	Yes



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Wear behavior analysis of aluminium composites using Taguchi approach	Kirubakaran J., Robin Divahar S., Edwin Raja Dhas J., Anton Savio Lewise K., Vivek Anand A.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.04.694	Yes
Submerged arc welding process parameter prediction using predictive modeling techniques	Edwin Raja Dhas J., Anton Savio Lewise K., Laxmi G.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.04.757	Yes
COVID-19 vaccine sentiment analysis using public opinions on Twitter	Chinnasamy P., Suresh V., Ramprathap K., Jebamani B.J.A., Srinivas Rao K., Shiva Kranthi M.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.04.809	Yes
Design of solar powered smart water pump for moisture controller in agriculture sector	Kumar K., Lakshmi Devi V., Dilip Kumar M.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.04.036	Yes
Spectrofluorimetric determination of ondansetron in pharmaceutical tablets: Applicability to human urine and content uniformity testing	Naga Gayatri S., Palle K., Susmitha T., Yumnam S., Phani Kumar N.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.04.002	Yes
Experimental characterization of banana fiber reinforced polyester composites	kalangi C., Antony Prabu D., Sujin Jose A., Jani S.P.	Materials Today: Proceedings	2022	10.1016/j.matpr.2022.03.232	Yes
Ciphertext-policy attribute-based encryption for cloud storage: Toward data privacy and authentication in ai-enabled iot system	Chinnasamy P., Deepalakshmi P., Dutta A.K., You J., Joshi G.P.	Mathematics	2022	10.3390/math10010068	Yes
Patterning SS304 Surface at Microscale to Reduce Wettability and Corrosion in Saline Water	Annakodi V.A., Arvind Singh R., Jayalakshmi S., Zhang Y., Anaz Khan M., Srinivas Rao K., Shabadi R.	Metals	2022	10.3390/met12071137	Yes
The prediction of CO ₂ adsorption on rice husk activated carbons via deep learning neural network	Palle K., Vunguturi S., Gayatri S.N., Rao K.S., Babu P.R., Vijay R.	MRS Communications	2022	10.1557/s43579-022-00197-2	Yes
Block Matching Algorithms for the Estimation of Motion in Image Sequences: Analysis	Srinivas Rao K., Paramkusam A.V.	Pattern Recognition and Image Analysis	2022	10.1134/S1054661822010072	Yes
2020-2021					
Modified Transaction Against Double-Spending Attack Using Blockchain to Secure Smart Cities	Ramkumar J., Baskar M., Suresh A., Arulananth T. S., Amutha B.	Advanced Sciences and Technologies for Security Applications	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105224480&doi=10.1007%2f978-3-030-72139-8_8&partnerID=40&md5=c2e21b35a93277edf0fcd25ad6604779	Yes



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Structural analysis of air powered car	Pappula B., Kannaiyan G.N., Siva Naga Sai G.N., Udutha P., Vangala R., Nadendla J.	CEUR Workshop Proceedings	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107828540&partnerID=40&md5=50c6968dc4fe067516e6d8b2d503fede	Yes
Detection of malaria parasite in thick blood smears using deep learning	Dr.A. Balamram	Elsevier	2021,oct	https://doi.org/10.1016/j.matpr.2022.04.1012	Yes
Threshold estimation from software metrics by using evolutionary techniques and its proposed algorithms, models	Padhy N., Panigrahi R., Neeraja K.	Evolutionary Intelligence	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061258238&doi=10.1007%2Fs12065-019-00201-0&partnerID=40&md5=54a236b6920d0d07c73fbc6971228b5	Yes
Investigation of Slender Bodies at Hypersonic Mach Numbers	Saiprakash M., Senthilkumar C., Kadam sunil G., Rampratap S.P., Shanmugam V., Balu G.	Fluid Dynamics	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102572741&doi=10.1134%2FS0015462821020087&partnerID=40&md5=9bff4fc908401ccc4688f6ff903859e	Yes
A comparative review of performance and emission characteristics of diesel engine using eucalyptus-biodiesel blend	Ellappan S., Rajendran S.	Fuel	2021	10.1016/j.fuel.2020.118925	Yes
A comparative review of performance and emission characteristics of diesel engine using eucalyptus-biodiesel blend	Ellappan S., Rajendran S.	Fuel	2021	10.1016/j.fuel.2020.118925	Yes
A comparative review of performance and emission characteristics of diesel engine using eucalyptus-biodiesel blend	Ellappan S., Rajendran S.	Fuel	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089470766&doi=10.1016%2Fj.fuel.2020.118925&partnerID=40&md5=5458f6edeefc3c2d2e90f06e36157a37	Yes
The impact of mobility models on geographic routing in multi hop wireless networks and extensions a survey	Dr.A. Balamram	International Journal of Computer Networks and Applications	2021,OCT	DOI: 10.22247/ijcna/2021/209993	Yes



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Low rate DDoS mitigation using real-time multi threshold traffic monitoring system	Baskar M., Ramkumar J., Karthikeyan C., Anbarasu V., Balaji A., Arulananth T.S.	Journal of Ambient Intelligence and Humanized Computing	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098785630&doi=10.1007%2fs12652-020-02744-y&partnerID=40&md5=531eced483becb307cba792498480bd40	Yes
Microstructural, Mechanical and Tribological Characterization of Friction Stir Welded A7075/ZrB2 In Situ Composites	Prasad R., Kumar H., Kumar P., Tewari S.P., Singh J.K.	Journal of Materials Engineering and Performance	2021	10.1007/s11665-021-05750-z	Yes
Correction to: Experimental investigation of blunt cone model at hypersonic Mach number 7.25 (Journal of the Brazilian Society of Mechanical Sciences and Engineering, (2021), 43, 4, (216), 10.1007/s40430-021-02934-5)	Saiprakash Mani	Journal of Materials Engineering and Performance	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108326080&doi=10.1007%2fs40430-021-03004-6&partnerID=40&md5=108b64eaf82e469262d8b65ebbf85625	Yes
Microstructural, Mechanical and Tribological Characterization of Friction Stir Welded A7075/ZrB2 In Situ Composites	Harikishor Kumar	Journal of Materials Engineering and Performance	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104984013&doi=10.1007%2fs11665-021-05750-z&partnerID=40&md5=9b1c1e8aa5782864cdc6c6320ec6bc70	Yes
A Review on Graph Theory in Network and Artificial Intelligence	Narayanan Kannaiyan G., Pappula B., Veerubommu R.	Journal of Physics: Conference Series	2021	10.1088/1742-6596/1831/1/012002	Yes
A Review on Graph Theory in Network and Artificial Intelligence	Narayanan Kannaiyan G., Pappula B., Veerubommu R.	Journal of Physics: Conference Series	2021	10.1088/1742-6596/1831/1/012002	Yes
Experimental investigation of blunt cone model at hypersonic Mach number 7.25	Mani S., Senthilkumar C., Sunil G.K., Rampratap S.P., Shanmugam V., Balu G.	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103599028&doi=10.1007%2fs40430-021-02934-5&partnerID=40&md5=11c2c805cdd08ab44567778956e5c65c	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Filler Dispersion and Unidirectional Sliding Characteristics of As-Cast and Multi-Pass Friction Stir Processed ZrB ₂ /AA7075 In-Situ Composites	Prasad R., Kumar H., Kumar P., Tewari S.P., Singh J.K.	Journal of Tribology	2021	10.1115/1.4048885	Yes
Filler Dispersion and Unidirectional Sliding Characteristics of As-Cast and Multi-Pass Friction Stir Processed ZrB ₂ /AA7075 In-Situ Composites	Harikishor Kumar	Journal of Tribology	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098125066&doi=10.1115%2F1.4048885&partnerID=40&md5=c6d2eb276310bc9fb1dc169adf96d22e	Yes
A WAVELET BASED COPYRIGHT MARKING ON IMAGE UNDER SUB-BANDS STACKING TECHNIQUE	SRIDHAR B.	Latin American Applied Research	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101763838&partnerID=40&md5=20628ed6a5cbe8d3b03b0f79ac338509	Yes
On Numerical Modeling and Flow Analysis of Piston Bowl Geometry of a Compression Ignition Engine	Pappula B., Kannaiyan G.N., Turaka S.	Lecture Notes in Mechanical Engineering	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103265292&doi=10.1007%2F978-981-33-4466-2_18&partnerID=40&md5=6be89129e2903663a170ac876f54a142	Yes
Multi-Face Recognition Using CNN for Attendance System	Sanivarapu P.V.	Lecture Notes in Networks and Systems	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096442448&doi=10.1007%2F978-981-15-7106-0_31&partnerID=40&md5=d01ec27ab2b1d39dbe5713a36fed36fd	Yes
Thermal shock resistance and thermal insulation capability of laser-glazed functionally graded lanthanum magnesium hexaluminate/yttria-stabilised zirconia thermal barrier coating	Khan M.A., Anand A.V., Duraiselvam M., Rao K.S., Singh R.A., Jayalakshmi S.	Materials	2021	10.3390/ma14143865	Yes
Characterization of Al ₂ O ₃ (ny ash+ red mud) surface hybrid composite fabricated by friction stir	Prasad R., Kumar H., Sinha N.K., Tewari S.P., Singh J.K., Yadav S., Deo M.	Materials Today: Proceedings	2021	10.1016/j.matpr.2020.10.889	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Experimental evaluation of impact energy on oobleck material (non-Newtonian fluid)	Krishna V.S.R., Hussain S., Kiran C.H.R., Kumar K.V.	Materials Today: Proceedings	2021	10.1016/j.matpr.2020.12.1112	Yes
Characterization of Al ₂ O ₃ /epoxy resin/ red mud/ surface hybrid composite fabricated by friction stir	Prasad R., Kumar H., Sinha N.K., Tewari S.P., Singh J.K., Yadav S., Deo M.	Materials Today: Proceedings	2021	10.1016/j.matpr.2020.10.889	Yes
Experimental evaluation of impact energy on oobleck material (non-Newtonian fluid)	Krishna V.S.R., Hussain S., Kiran C.H.R., Kumar K.V.	Materials Today: Proceedings	2021	10.1016/j.matpr.2020.12.1112	Yes
Experimental research of hybrid fibers based Geopolymer concrete	Krishna T.J., Nanditha M., Lavanya B., Goud J.N.	Materials Today: Proceedings	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107362159&doi=10.1016%2fj.matpr.2021.02.078&partnerID=40&md5=9e0d89a913da47a4387aca05ba91cd2e	Yes
Experimental evaluation of impact energy on oobleck material (non-Newtonian fluid)	Krishna V.S.R., Hussain S., Kiran C.H.R., Kumar K.V.	Materials Today: Proceedings	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107354393&doi=10.1016%2fj.matpr.2020.12.1112&partnerID=40&md5=627e49beab1a3b481011cad13ea5f0b3	Yes
Evaluation of low power consumption network on chip routing architecture	T S A., M B., S M U.S., Thiagarajan R., G A.D., Rajeshwari P.R., Kumar A.S., A S.	Microprocessors and Microsystems	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098971190&doi=10.1016%2fj.micpro.2020.103809&partnerID=40&md5=b73f085ef4043da9f02a93057e572284	Yes
Security enhancement in video based on gatefold technique for copyright protection	Sridhar B., Syambabu V.	Multimedia Tools and Applications	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094839806&doi=10.1007%2fs11042-020-09909-z&partnerID=40&md5=a5b1f6347b873823a1bbe82fbf6f8dd2	Yes
Effect of tool pin eccentricity on microstructural and mechanical properties of friction stir processed copper	Kumar H., Prasad R., Kumar P.	Vacuum	2021	10.1016/j.vacuum.2020.110037	Yes



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Effect of tool pin eccentricity on microstructural and mechanical properties of friction stir processed copper	Kumar H., Prasad R., Kumar P.	Vacuum	2021	10.1016/j.vacuum.2020.110037	Yes
Effect of tool pin eccentricity on microstructural and mechanical properties of friction stir processed copper	Kumar H., Prasad R., Kumar P.	Vacuum	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098853679&doi=10.1016%2Fj.vacuum.2020.110037&partnerID=40&md5=7a7cd785ab26947f056a1e840442a5bd	Yes
Optimization Analysis of Cooperative Spectrum Sensing System over Generalized α - β and α - β Fading Channels	Balam S.K., Siddaiah P., Nallagonda S.	Wireless Personal Communications	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092387392&doi=10.1007%2Fs11277-020-07836-8&partnerID=40&md5=d7115666999466ab281d322a66f8656a	Yes
BDN-GWMNN: Internet of Things (IoT) Enabled Secure Smart City Applications	Peneti S., Sunil Kumar M., Kallam S., Patan R., Bhaskar V., Ramachandran M.	Wireless Personal Communications	2021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102594565&doi=10.1007%2Fs11277-021-08339-w&partnerID=40&md5=af0e3248fc1a11698eb774f5fd333aa2	Yes
Optimizing Vertical Air Gap Location Inside the Wall for Energy Efficient Building Enclosure Design Based on Unsteady Heat Transfer Characteristics	Shaik S., Nagaraju S., Rizvan S.M., Gorantla K.K.	Advances in Intelligent Systems and Computing	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076997622&doi=10.1007%2F978-981-15-0035-0_80&partnerID=40&md5=ac4345a8c5b0e65b034bacf34daf44dd	Yes
Implementation of children activity tracking system based on internet of things	Naga Sravani M., Ghosh S.K.	Advances in Intelligent Systems and Computing	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083962945&doi=10.1007%2F978-981-15-1480-7_65&partnerID=40&md5=596f14fc6f4fe3e63986fb46a6f6ce82	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Word sense disambiguation in telugu language using knowledge-based approach	Koppula N., Rani B.P., Srinivas Rao K.	Advances in Intelligent Systems and Computing	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes
Novel synthesis and study of nonlinear absorption and surface-enhanced Raman scattering of carbon nanotubes decorated with silver nanoparticles	Saad N.A., Ramya E., Saikiran V., Naraharisetty S.R.G., Narayana Rao D.	Chemical Physics	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080991593&doi=10.1016%2fj.chemphys.2020.110703&partnerID=40&md5=d2bc88d987817590dd275b9d4e0dd734	Yes
Solvent-Assisted [(Glycine)-(MP-SiO ₂ NPs)] Aggregate for Drug Loading and Cancer Therapy	Amgoth C., Santhosh R., Malavath T., Singh A., Murali B., Tang G.	ChemistrySelect	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088396767&doi=10.1002%2fslct.202001905&partnerID=40&md5=f876b2c2fdb023997c762ece3f1c4ab4	Yes
One-Pot, Rapid and Facile Synthesis of Thioglycolic Acid capped CdSe quantum dots: Tuning of Properties, Mechanistic Investigations by Cyclic Voltammetry and Cytotoxicity Studies	Singh A., Yumnam S., Kunwar A., Tripathi V.S., Neogy S., Rath M.C.	ChemistrySelect	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087967261&doi=10.1002%2fslct.202000974&partnerID=40&md5=da98eb1569d21a8c193c2477a7834117	Yes
Addition of diethyl ether on the LHR engine characteristics using biodiesel-eucalyptus blend	Ellappan S., Rajendran S.	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086911022&doi=10.1080%2f15567036.2020.1778138&partnerID=40&md5=cfed1957afa84b20e4cd97f56e9c21fc	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Improvement of heat transfer through fins: A brief review of recent developments	Maji A., Choubey G.	Heat Transfer	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088941600&doi=10.1002%2fhtj.21684&partnerID=40&md5=ecdd6486730e3bb47c434648cfe2696b	Yes
Performance analysis of indicative feature subset selection algorithm for effective intrusion detection	Chandra Sekhar Reddy N., Vemuri P.C.R., Govardhan A.	International Journal of Advanced Science and Technology	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083845051&partnerID=40&md5=9357b468d0d0376c1ecd74ce910a57ae	Yes
Bldc motor based cuk converter using model predictive controller for low power applications	Ramu T.B., Kumar C.S., Rao A.S.	International Journal of Advanced Trends in Computer Science and Engineering	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087301597&doi=10.30534%2fijatcse%2f2020%2f113922020&partnerID=40&md5=3fd4308ce9be375dc8909abf7bafed79	Yes
Automatic prediction of silent heart attacks using neural networks based hybrid classification system	Madhuravani B., Gudipati S.S., Sowjanya P.	International Journal of Advanced Trends in Computer Science and Engineering	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092650908&doi=10.30534%2fijatcse%2f2020%2f40952020&partnerID=40&md5=f32cfd927a70bed214be06876056131	Yes
Use of big data to measure attentiveness of the student	Sowmya G., Sirisha N., Jyothi G.D.	International Journal of Advanced Trends in Computer Science and Engineering	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085153972&doi=10.30534%2fijatcse%2f2020%2f219922020&partnerID=40&md5=25be62ea77461a6b99e189ad6310e64	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Support vector machine based intelligent driver drowsiness monitoring system	Gandavadi K., Reddicherla V.R., Bhatnagar R.	International Journal of Advanced Trends in Computer Science and Engineering	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090274329&doi=10.30534%2fijatcse%2f2020%2f315942020&partnerID=40&md5=f95b269ed29d75440a046967bd127e3	Yes
Advanced strategy of personal health record for cloud computing applications	Jyothi E.V.N., Rao V.P.C.	International Journal of Control and Automation	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084705138&partnerID=40&md5=7b24b225a8e3a0dcacbc4b516809fc1a	Yes
Harmonic minimisation in direct torque controlled induction motor using neural network controller	Ambarapu S., Vijaya Kumar M.	International Journal of Energy Technology and Policy	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093690908&doi=10.1504%2fIJETP.2020.109318&partnerID=40&md5=1413cc2ae19f535d34bf7e39f131475e	Yes
Free convection in a vertical slit micro-channel with super-hydrophobic slip and temperature jump conditions	Ramanuja M., Krishna G.G., Sree H.K., Radhika V.N.	International Journal of Heat and Technology	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096039333&doi=10.18280%2fIJHT.380318&partnerID=40&md5=45ea834691171c38e1132c3dce1bdbb6	Yes
A two-phase simulated annealing algorithm to minimise the completion time variance of jobs in flowshops	Krishnaraj J., Thiagarajan S.	International Journal of Process Management and Benchmarking	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083050201&doi=10.1504%2fIJPMB.2020.106143&partnerID=40&md5=8a988e213fa3af147f02578b11bba4e9	Yes



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Assessment of students learning capability adapting activity based learning ãn STAD	Bridjeshpappula, Narayanankannaiyan G.	International Journal of Psychosocial Rehabilitation	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081685738&doi=10.37200%2fIJPR%2fV24I4%2fPR201410&partnerID=40&md5=1ab8229d9eb5eb66e93a4fe8659bc1be	Yes
Mitigating voltage sag in secondary distribution line using DVR with single DC source	Srivardhan Kumar C., Ramu T.B., Sreenivasa Reddy M.	International Journal of Scientific and Technology Research	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082876524&partnerID=40&md5=cf983a1d911471e685915cc34dbb8dad	Yes
A novel scheme for security of unstructured and semi-structured big data outsourced to cloud	Reddy P.A., Reddy P.B., Ramesh O.	International Journal on Emerging Technologies	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089212139&partnerID=40&md5=28a61d508870b55dea22379536ca9227	Yes
An efficient and lightweight security scheme for big data	Sirisha N., Kiran K.V.D.	International Journal on Emerging Technologies	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083211135&partnerID=40&md5=07524eaf58fd06b66d909d66fcad16ae	Yes
A novel scheme for security of unstructured and semi-structured big data outsourced to cloud	Reddy P.A., Reddy P.B., Ramesh O.	International Journal on Emerging Technologies	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089212139&partnerID=40&md5=28a61d508870b55dea22379536ca9227	Yes
Effective course and curriculum design of MLR institute of technology an autonomous institution ãn a case study	Arulananth T.S., Ellappan S., Naga Raju J.	Journal of Engineering Education Transformations	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087940501&partnerID=40&md5=c605c5b72a2a8528760c5d87c68718aa	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Blended learning: Exploring new models for effective teaching and learning	Radhika Devi V., Laxminadh N., Lavanya Y.	Journal of Engineering Education Transformations	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089212139&partnerID=40&md5=28a61d508870b55dea22379536ca9227	Yes
Electronic tuning square-wave generators with improved linearity using operational transresistance amplifier	Shaker P.C., Srinivasulu A.	Journal of Low Power Electronics and Applications	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085487807&doi=10.3390%2fjlpca10020012&partnerID=40&md5=cc7c7fd88e62d3bc16de494dc0a303c3	Yes
OPTIMUM FORCE SYSTEM for EN-MASSE RETRACTION of SIX MAXILLARY ANTERIOR TEETH in LABIAL ORTHODONTICS	Thote A.M., Uddanwadiker R.V., Sharma K., Shrivastava S., Reddy V.	Journal of Mechanics in Medicine and Biology	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082072353&doi=10.1142%2fS0219519419500660&partnerID=40&md5=25d58ebabbdbb71be429aa0e8b35cd7c	Yes
Retraction notice to Combined effect of composite additive and combustion chamber modification to adapt waste plastic oil as fuel on a diesel engine	Bridjesh P., Periyasamy P., Geetha N.K.	Journal of the Taiwan Institute of Chemical Engineers	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089835625&doi=10.1016%2fj.jtice.2019.09.009&partnerID=40&md5=b494a9c3bfed96083f7dfcdd732342b8	Yes
Retraction notice to Combined Effect of Composite Additive and Combustion Chamber Modification to Adapt Waste Plastic Oil as Fuel on a Diesel Engine	Bridjesh P., Periyasamy P., Geetha N.K.	Journal of the Taiwan Institute of Chemical Engineers	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088122424&doi=10.1016%2fj.jtice.2020.06.006&partnerID=40&md5=36945df11223ef68ffe7ac82c265d005	Yes



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A Hybrid Approach for Protecting Mobile Agents Against Malicious Hosts	Kumar K.P., Purna Chandra Rao V.	Lecture Notes in Networks and Systems	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081538122&doi=10.1007%2f978-981-15-2043-3_52&partnerID=40&md5=700d2fbadb517db89198480a386f1a33	Yes
Data Analytics in Steganography	Vijetha T., Ravinder T.	Lecture Notes on Data Engineering and Communications Technologies	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083664854&doi=10.1007%2f978-3-030-24643-3_122&partnerID=40&md5=d31accfc97a106aebea01c30a0ce358	Yes
PCA Based Dimensional Data Reduction and Segmentation for DICOM Images	Arulananth T.S., Balaji L., Baskar M., Anbarasu V., Rao K.S.	Neural Processing Letters	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096379638&doi=10.1007%2fs11063-020-10391-9&partnerID=40&md5=782c935e301cc594f0c720702367ee7b	Yes
PCA Based Dimensional Data Reduction and Segmentation for DICOM Images	Arulananth T.S., Balaji L., Baskar M., Anbarasu V., Rao K.S.	Neural Processing Letters	2020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096379638&doi=10.1007%2fs11063-020-10391-9&partnerID=40&md5=782c935e301cc594f0c720702367ee7b	Yes
Optimizing regression test suite reduction	Sivaji U., Shraban A., Varalaxmi V., Ashok M., Laxmi L.	Advances in Intelligent Systems and Computing	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Migration of big data analysis from Hadoop to spark	Pradeep Kumar J., Gouse S., Amarendra Reddy P.	Advances in Intelligent Systems and Computing	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes
Improving student academic performance using an attribute selection algorithm	Anvesh K., Srilatha M., Raghunadha Reddy T., Gopi Chand M., Jyothi G.D.	Advances in Intelligent Systems and Computing	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes
Difference expansion based near reversible data hiding scheme	Oruganti M., Sabitha C., Ghosh B., Neeraja K., Hemanath K.	Advances in Intelligent Systems and Computing	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes
Design of a smart mobile case framework based on the internet of things	Nalajala P., Sambasiva Rao P., Sangeetha Y., Balaji O., Navya K.	Advances in Intelligent Systems and Computing	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Detectstress: A novel stress detection system based on smartphone and wireless physical activity tracker	Padmaja B., Prasad V.V.R., Sunitha K.V.N., Reddy N.C.S., Anil C.H.	Advances in Intelligent Systems and Computing	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes
A new method for edge detection under hazy environment in computer vision	Kumar C.P., Hemanath K., Murthy B.S.N.	Advances in Intelligent Systems and Computing	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes
Preface	Srinivas Rao K., Surampudi Bapi R., Prasad M.V.N.K.	Advances in Intelligent Systems and Computing	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes
Performance and analysis of human attention using single-channel wireless EEG sensor for medical application	Ramakuri S.K., Peddi A., Nishanth Rao K.S., Gupta B., Ghosh S.	Advances in Intelligent Systems and Computing	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
An enhanced efficiency of key management method for wireless sensor networks using mobile agents	Kuchipudi R., Qyser A.A.M., Balam V.V.S.S.S., Khaja Shareef S., Thulasi Chitra N.	Advances in Intelligent Systems and Computing	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes
Machine learning and mining for social media analytics	Sowmya G., Navya K., Divya Jyothi G.	Advances in Intelligent Systems and Computing	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes
A new document representation approach for gender prediction using author profiles	Raghunadha Reddy T., Lakshminarayana M., Vishnu Vardhan B., Sai Prasad K., Amarnath Reddy E.	Advances in Intelligent Systems and Computing	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes
Smart heartbeat monitoring system using machine learning	Nirosha K., Durga Sri B., Gouse S.	Advances in Intelligent Systems and Computing	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes



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Analysis and optimization of FIR filters using parallel processing and pipelining	Nalajala P., Supraja C.D., Deepthika N.R., Godavarthi B., Rani K.P.	Advances in Intelligent Systems and Computing	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes
Secure privacy preserving of personal health records using attribute-based encryption in cloud computing	China Appala Naidu R., Srujan A., Meghana K., Srinivas Rao K., Madhuravani B.	Advances in Intelligent Systems and Computing	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes
Bioinformatics and image processing for detection of plant diseases	Hanuman Reddy N., Ravi Kumar E., Vinay Reddy M., Raghavender Reddy K.L., Susmitha Valli G.	Advances in Intelligent Systems and Computing	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084000318&doi=10.1007%2f978-981-15-1480-7_13&partnerID=40&md5=e643c563f41393892f4894dd4f02a2e3	Yes
Study of band gap engineering in graphene based electrode materials by density functional calculations: A search for high performance graphene based devices	Vagdevi K., Jyothirmai B., Devi V.R., Rao K.V.	AIP Conference Proceedings	2019	https://pubs.aip.org/aip/acp	Yes
Design and analysis of frequency reconfigurable antenna for software defined radio	Vijetha T., Karthik R.	ARPN Journal of Engineering and Applied Sciences	2019	https://miar.ub.edu/issn/1819-6608#:~:text=ISSN%201819%2D6608&text=4%20Specialized%20databases.&text=0%20Evaluation%20resources.&text=From%202022%20onwards%20MIAR%20will%20not%20show%20the%20ICDS%20calculation.	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Dynamic fluid flow characteristics in the hydrogen-fuelled scramjet combustor with transverse fuel injection	Gugulothu S.K., Nutakki P.K.	Case Studies in Thermal Engineering	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166009569&doi=10.1016%2fj.csite.2023.103295&partnerID=40&md5=45414d96a0f3ea0258c8f2bad4681167	Yes
Corrigendum to "Experimental investigation on graphene oxides coated carbon fibre/epoxy hybrid composites:	Bhanuprakash L., Parashuram S., Varghese S.	Composites Science and Technology	2019	https://www.sciencedirect.com/journal/composites-science-and-technology	Yes
Experimental investigation on graphene oxides coated carbon fibre/epoxy hybrid composites: Mechanical and electrical properties	Bhanuprakash L., Parasuram S., Varghese S.	Composites Science and Technology	2019	https://www.sciencedirect.com/journal/composites-science-and-technology	Yes
Effect of 1, 4-dioxane addition on operating characteristics of a neat biodiesels-fueled diesel engine	Sivakumar E., Silambarasan R.	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086911022&doi=10.1080%2f15567036.2020.1778138&partnerID=40&md5=cfed1957afa84b20e4cd97f56e9c21fc	Yes
Effects of Angle of Attack and Bluntness on Heating Rate Distribution of Blunt Models at Hypersonic Speeds	Saiprakash M., Senthilkumar C., Kadam sunil G., Rampratap S.P., Shanmugam V., Balu G.	Fluid Dynamics	2019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102572741&doi=10.1134%2fS0015462821020087&partnerID=40&md5=9bff4fc908401ccc4688f6ffd903859e	Yes
Human face detection and recognition using contour generation and matching algorithm	Arulananth T.S., Baskar M., Sateesh R.	Indonesian Journal of Electrical Engineering and Computer Science	2019	https://ijeecs.iaescore.com/index.php/IJECS	Yes
Quality value based routing protocol for energy optimization in wireless sensor networks	Raju D.N., Sunil Kumar Reddy T., Raja Sekhar Reddy N.V.	International Journal of Advanced Science and Technology	2019	https://www.scimagojr.com/journalsearch.php?q=21100829147&tip=sid&clean=0	Yes
Galerkin approach for deflections on a simply supported beam	Geetha N.K., Bridjesh P., Gomathi M., Ragavi V.	International Journal of Advanced Science and Technology	2019	https://www.scimagojr.com/journalsearch.php?q=21100829147&tip=sid&clean=0	Yes



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An image denoising framework based on patch grouping in complex wavelet domain	Chinnarao B., Latha M.M.	International Journal of Advanced Trends in Computer Science and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100896268&tip=sid&clean=0	Yes
An implementation of novel feature subset selection algorithm for IDS in mobile networks	Chandra Sekhar Reddy N., Vemuri P.C.R., Govardhan A.	International Journal of Advanced Trends in Computer Science and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100896268&tip=sid&clean=0	Yes
High speed cryptography architecture for health information exchange	Vucha M., Siridhara A.L.	International Journal of Advanced Trends in Computer Science and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100896268&tip=sid&clean=0	Yes
Cloud connectivity for embedded systems	Jyothi K., Karthik R.	International Journal of Advanced Trends in Computer Science and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100896268&tip=sid&clean=0	Yes
Novel design of full adders using QCA approach	Karthik R., Jyothi K.	International Journal of Advanced Trends in Computer Science and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100896268&tip=sid&clean=0	Yes
Secure k-NN query on encrypted cloud data with multiple keys	Rama B., Sai Prasad K., Sreeja P.	International Journal of Advanced Trends in Computer Science and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100896268&tip=sid&clean=0	Yes
Security mechanisms leveraged to overcome the effects of big data characteristics	Amarendra Reddy P., Ramesh O.	International Journal of Advanced Trends in Computer Science and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100896268&tip=sid&clean=0	Yes
An application for the development of smart library as an academic initiative	Pushpa Rani K., Lakshmi T., Teegala N., Dhanalaxmi B.	International Journal of Advanced Trends in Computer Science and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100896268&tip=sid&clean=0	Yes



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A comparative study of navigation techniques and information retrieval algorithms for web mining	Lakshmi L., Pushpa Rani K., Purushotham Reddy M.	International Journal of Advanced Trends in Computer Science and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100896268&tip=sid&clean=0	Yes
An effective code metrics for evaluation of protected parameters in database applications	Srivastava V.K.L., Chandra Sekhar Reddy N., Shrivastava A.	International Journal of Advanced Trends in Computer Science and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100896268&tip=sid&clean=0	Yes
Strong and secure mechanism for data storage in cloud environment	Madhuravani B., Chandra Sekhar Reddy N., Sai Prasad K., Dhanalaxmi B., Uma Maheswari V.	International Journal of Advanced Trends in Computer Science and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100896268&tip=sid&clean=0	Yes
Analysis on the effect of pilot injection strategies on combustion and emission characteristics of palm-munja biodiesel/diesel blend on CRDI diesel engine	Babu J.M., Prasad K.S., Ganji P.R., Ravikiran C., Velu R.	International Journal of Ambient Energy	2019	https://www.scimagojr.com/journalsearch.php?q=26672&tip=sid&clean=0	Yes
Dynamic navigation of web query results using B-tree and improved page rank algorithm	Lakshmi L., Bhaskara Reddy P., Shoba Bindu C., Aravind Kumar N.	International Journal of Computing Science and Mathematics	2019	https://www.scimagojr.com/journalsearch.php?q=18700156724&tip=sid&clean=0	Yes
An empirical study on support vector machines for intrusion detection	Chandra Sekhar Reddy N., Vemuri P.C.R., Govardhan A.	International Journal of Emerging Trends in Engineering Research	2019	https://www.scimagojr.com/journalsearch.php?q=21100913341&tip=sid&clean=0	Yes
An efficient software source code metrics for implementing for software quality analysis	Srivastava V.K.L., Chandra Sekhar Reddy N., Shrivastava A.	International Journal of Emerging Trends in Engineering Research	2019	https://www.scimagojr.com/journalsearch.php?q=21100913341&tip=sid&clean=0	Yes
Large scale community discovery of complex networks based on approximate optimization	Madhuravani P., Yamini K., Nirmala T.	International Journal of Emerging Trends in Engineering Research	2019	https://www.scimagojr.com/journalsearch.php?q=21100913341&tip=sid&clean=0	Yes
Energy efficient routing mechanism for harsh environment in wireless sensor networks	Lakshmi B., Navyasri B.	International Journal of Emerging Trends in Engineering Research	2019	https://www.scimagojr.com/journalsearch.php?q=21100913341&tip=sid&clean=0	Yes
Design and implementation of low-power, high-performance 2-4-and 4-16-line decoders using adiabatic logic circuits	Srikanth B., Sri Hari M., Praveen Kumar D., Shravan Kumar G.	International Journal of Engineering and Advanced Technology	2019	https://www.scimagojr.com/journalsearch.php?q=21100899502&tip=sid&clean=0	Yes



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Determining the 3D positions of each UAV based on a distributed implementation of Q-learning	Sravanthi G.L., Majeti V.D., Nanduri A.K., Haritha I.V.	International Journal of Engineering and Advanced Technology	2019	https://www.scimagojr.com/journalsearch.php?q=21100899502&tip=sid&clean=0	Yes
Institutions-industry ãñ Society collaborative learning bring success in engineering education in India	Arulananth T.S., Goud P., Baskar M.	International Journal of Engineering and Advanced Technology	2019	https://www.scimagojr.com/journalsearch.php?q=21100899502&tip=sid&clean=0	Yes
IoT driven automated object detection algorithm for urban surveillance system in smart city	Pragna D.V.B., Laxma Reddy D., Prasad S.V.S.	International Journal of Engineering and Advanced Technology	2019	https://www.scimagojr.com/journalsearch.php?q=21100899502&tip=sid&clean=0	Yes
Design and implementation of GPS based medical services using drone	Rahul S.R., Arun V., Prasad S.V.S.	International Journal of Engineering and Advanced Technology	2019	https://www.scimagojr.com/journalsearch.php?q=21100899502&tip=sid&clean=0	Yes
A research on dual fuel operation on LHR diesel engine	Ellappan S., Kishore P., Suresh P.	International Journal of Engineering and Advanced Technology	2019	https://www.scimagojr.com/journalsearch.php?q=21100899502&tip=sid&clean=0	Yes
Practical optimal design on two stage spur gears train using nature inspired algorithms	Godwin Raja Ebenezer N., Ramabalan S., Navaneethasanthakumar S.	International Journal of Engineering and Advanced Technology	2019	https://www.scimagojr.com/journalsearch.php?q=21100899502&tip=sid&clean=0	Yes
Simulated annealing algorithms to minimise the completion time variance of jobs in permutation flowshops	Krishnaraj J., Pugazhendhi S., Rajendran C., Thiagarajan S.	International Journal of Industrial and Systems Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=87828&tip=sid&clean=0	Yes
Sensing performance of energy detector in cognitive radio networks	Ghosh S.K., Mehedi J., Samal U.C.	International Journal of Information Technology (Singapore)	2019	https://www.scimagojr.com/journalsearch.php?q=21101022413&tip=sid&clean=0	Yes
Android based image processor for blind	Gogula S.V., Shekar K., Purushotham P., Bhavani Y.T.S.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Design and evaluation of solar powered dryer system with integrated thermal energy storage	Abhilash K.S., Nisam Rahman A., Shijin Kumar P.S.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
A formal assessment paper on EDUSET-MBA universities custom search	Pushpa Rani K., Reddy M., Anjaneyulu B., Hari Chandana B.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes

Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Sentiment analysis on tweets	Reddy G.P., Ramesh O., Kumar M.M., Sunayana P.N.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
A robust fish feeding system	Siridhara A.L., Mahendra V., Yakaiah P., Vijetha T., Nayak S.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Design and implementation of RFID based attendance system	Jyothi K., Karthik R., Anusha B., Annapurna B., Kiran A., Soumya K., Harini N.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Inform Me-family location tracker app	Venkata Siva Rao A., Samuel J., Priya D., Kavya Sree B.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Coal miners safety monitoring system	Shareef S.K., Anand Kumar B., Suwarna G., Swathi M.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Object detection in fog environment	Amarendra Reddy P., Sowmya G., Spandana S., Sri Durga V.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
(Cr/TiAlCrN/TiAlN/AlSiN/AlSiO) multi layer solar selective coatings for concentrated solar power plant	Sandeep A., Ellappan S.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Research of high speed and energy efficient visual cryptography techniques	Arun V., Biradar R.C., Mahendra V.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Smart sensors and arm based drainage monitoring system	Arulananth T.S., Ramya Laxmi G., Renuka K., Karthik K.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
CSHM multiplier and radix-256 algorithm using fir filter design	Anusha B., Annapurna B., Arulananth T.S., Nagarjuna T.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Building management system	Pradeep G., Chandra Shaker P., Prasad S.V.S.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes



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IoT based security system using raspberry PI and mail server	Snigdha S., Haribabu K.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
License plate recognition with feature salience and neural network	Uganya G., Sudhan M.B., Shijin Kumar P.S.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Traffic congestion monitoring and management by using IOT	Reddy R.M., Rao K.N., Prasad S.V.S.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
PCI matrix based image reconstruction from compressively sensed data	Mounika B., Sridhar B., Prasad S.V.S.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Design of watchdog timer for real time applications	Shilpa S., Umashankar C., Prasad S.V.S.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Design analysis and fabrication of solar vapour absorption	Begum S.N., Kiran C.R., Vasundara K.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Class based semantic feature similarity for efficient image mining using BC patterns	Rajendran T., Baskar M., Gnanasekaran T., Imtiaz N.M.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Embedded video processing on raspberry Pi	Anuradha T., Monika S., Prasad S.V.S.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Design of a solar tracking system for renewable energy on arm	Nishanth Rao K., Srikanth C., Prasad S.V.S., Arulananth T.S.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Accident detection and alert system	Kalyani T., Monika S., Naresh B., Vucha M.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Design and implementation of traffic density controller using wireless communications	Monika S., Anuradha T., Prasad S.V.S.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
EDGE oriented image denoising through an adaptive thresholding in the complex wavelet domain	ChinnaRao B., Madhavilatha M.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Vlsi design of an area and time efficient design of overloaded cdma architecture using han carlson adder	Arulananth T.S., Sagar P., Anusha B.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Raspberry Pi based water quality monitoring and flood alerting system using IoT	Jahan S., Amareshwar E., Prasad S.V.S., Arulananth T.S.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Infra red sensor and voice recognition sensors based vehicle speed control using embedded controller	Pallavi Goud N., Arulananth T.S., Bharathi C.R., Neheru K.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Fire alarm robot and authentication system using raspberry Pi and cloud	Ravi K., Raju Naik M., Prasad S.V.S., Arulananth T.S.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Automated seed sowing machine using atmega2560	Annapurna B., Anusha B., Prasad S.V.S., Somanaidu B.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Design of smart GSM and GPS based rescue system for international maritime boarder crossing of Indian fisherman using AVR microcontroller	Subrahmanyam V.S.R., Natraj P.B., Prasad S.V.S., Arulananth T.S., Nehru	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Design and implementation of smart floor cleaning robot using android app	Monika S., Aruna Manjusha K., Prasad S.V.S., Naresh B.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
RFID based theft detection and vehicle monitoring system using cloud	Devika P., Prashanthi V., Vijay Kanth G., Thirupathi J.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
An IoT detection of milk parameters using raspberry PI and GSM for diary farmers	Haribabu K., Umashankar C., Prasad S.V.S.	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Graph-based word sense disambiguation in Telugu language	Koppula N., Rani B.P., Srinivas Rao K.	International Journal of Knowledge-Based and Intelligent Engineering Systems	2019	https://www.scimagojr.com/journalsearch.php?q=19900193685&tip=sid&clean=0	Yes



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Performance evaluation and effectiveness of double pipe heat exchange	Saidavali S., Ravi Kiran C.	International Journal of Mechanical and Production Engineering Research and Development	2019	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Design and analysis of radiator by using nano fluids	Surendra Reddy V., Prabhu Kishore N.	International Journal of Mechanical and Production Engineering Research and Development	2019	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Numerical simulation and comparison of 3-d triangular & rectangular finned Tube Bank	Archana K., Sudhakar Reddy K.	International Journal of Mechanical and Production Engineering Research and Development	2019	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Design and analysis of composite rocket motor casing	Teja S., Subramanyam B.	International Journal of Mechanical and Production Engineering Research and Development	2019	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
The data warehouse design problem through a schema transformation method	Jagan Naik G., Rao V.P.C., Govardhan A.	International Journal of Recent Technology and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=17	Yes
Harmful gases wireless network monitoring system design	Sunitha R., Arulananth T.S.	International Journal of Recent Technology and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=16	Yes
An IoT based dual axis solar vehicle with obstacle avoidance and accident detection using GSM and GPS	Jansirani V., Ramesh P., Prasad S.V.S.	International Journal of Recent Technology and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=15	Yes
Density based traffic controller with emergency override using CCTV camera	Venkat G., Arulananth T.S., Baskar M.	International Journal of Recent Technology and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=14	Yes
Query expansion using semantic network for information retrieval in Telugu Language	Koppula N., Padmaja Rani B., Srinivas Rao K.	International Journal of Recent Technology and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=13	Yes
Impact of stemming on telugu text classification	Swapna N., Subhashini P., Padmaja Rani B.	International Journal of Recent Technology and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=12	Yes



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Raspberry pi based water quality monitoring and flood alerting system using iot	Jahan S., Amareshwar E., Prasad S.V.S., Arulananth T.S.	International Journal of Recent Technology and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=11	Yes
A credit card fake detection system using image cryptography	Roja G., Tulasi Chitra N., Pushpa Rani K., Dhanalaxmi B.	International Journal of Recent Technology and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=10	Yes
Locating book in library using Wi-Fi	Thulasi Chitra N., Anusha R., Roja G., Dhana Lakshmi B.	International Journal of Recent Technology and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=9	Yes
Raspberrypi based surveillance and monitoring system	Naresh Kumar D., Prasad S., Ravishankar K.	International Journal of Recent Technology and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=8	Yes
Cost effective autonomous plant watering robot	Vucha M., Jyothi K., Kumari K., Karthik R.	International Journal of Recent Technology and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=7	Yes
Design of 8T SRAM using FINFET technology	Ravinder T., Vijetha T., Shaker P.C., Neelima C., Karthik R.	International Journal of Recent Technology and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=6	Yes
Design of farmer friendly intelligent system to monitor and control the parameters in precision agriculture	Panjagal S.B., Harinath V., Ramaiah G.N.K., Karthik R.	International Journal of Recent Technology and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=5	Yes
Identification of opportunities for coding in a network	Prashanthi V., Devika P., Srinivas K., Thirupathi J.	International Journal of Recent Technology and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=4	Yes
Design and implementation of vehicle over speed warning system	Jyothi K., Karthik R.	International Journal of Recent Technology and Engineering	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=3	Yes
Applications of digital image processing in real time world	Sridhar B.	International Journal of Scientific and Technology Research	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=1	Yes
Fuzzy based adaptive thresholding of image denoising in complex wavelet domain	Chinna Rao B., Madhavilatha M.	International Journal of Scientific and Technology Research	2019	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=0	Yes



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Histopathological image classification using deep learning techniques	Sai Prasad K., Miryala R.	International Journal on Emerging Technologies	2019	https://www.scimagojr.com/journalsearch.php?q=21100901133&tip=sid&clean=0	Yes
Computational analysis of blended winglet model performance by varying cant angle	Bino Prince Raja D., Ramanan G., Diju Samuel G.	Journal of Computational and Theoretical Nanoscience	2019	https://www.scimagojr.com/journalsearch.php?q=28136&tip=sid&clean=2	Yes
Prediction of responses in FSW processed hybrid composites using soft computing technique	Diju Samuel G., Ramanan G., Bino Prince Raja D.	Journal of Computational and Theoretical Nanoscience	2019	https://www.scimagojr.com/journalsearch.php?q=28136&tip=sid&clean=1	Yes
Nonlinear optical properties of Ag-enriched ZnO nanostructures	Ramya E., Rao M.V., Rao D.N.	Journal of Nonlinear Optical Physics and Materials	2019	https://scimagojr.com/journalsearch.php?q=12183&tip=sid	Yes
Positioning of two-wheeled mobile robot to control wheelslip by using the wheel rotate planning technique	Vidhyaprakash D., Karthikeyan S., Periyasamy M., Kalaimurugan K., Navaneethasanthakumar S.	Journal of Scientific and Industrial Research	2019	https://www.scimagojr.com/journalsearch.php?q=23649&tip=sid&clean=0	Yes
Combined effect of composite additive and combustion chamber modification to adapt waste plastic oil as fuel on a diesel engine	Bridjesh P., Periyasamy P., Geetha N.K.	Journal of the Taiwan Institute of Chemical Engineers	2019	https://www.sciencedirect.com/journal/journal-of-the-taiwan-institute-of-chemical-engineers	Yes
Study of flexural strength of CFRP composites with functionalized graphene oxide	Anand A., Bhanuprakash L., Varghese S.	Materials Today: Proceedings	2019	https://www.sciencedirect.com/journal/materials-today-proceedings	Yes
Dissimilar metals AISI 304 steel and AA 2219 aluminium alloy joining by friction welding method	Ananda Rao G., Ramanaiah N.	Materials Today: Proceedings	2019	https://www.sciencedirect.com/journal/materials-today-proceedings	Yes
Effect of Processing Routes on Orientation-Dependent Tensile Flow Behavior of Zircaloy-4 at Elevated Temperatures	Limbadi K., Singh S.K., Satyanarayana K., Singh A.K., Maruthi Ram A., Ravindran M., Krishna M., Chaitanya Reddy M., Suresh K.	Metallography, Microstructure, and Analysis	2019	https://www.springer.com/journal/113632	Yes
Correlated photons of desired characteristics from a dipole coupled three-atom system	Parit M.K., Ahmed S., Singh S., Anantha Lakshmi P., Panigrahi P.K.	OSA Continuum	2019		Yes
Cross-Layered Embedding of Watermark on Image for High Authentication	Sridhar B.	Pattern Recognition and Image Analysis	2019	https://link.springer.com/journal/11493	Yes



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Solvent assisted size effect on AuNPs and significant inhibition on K562 cells	Amgoth C., Singh A., Santhosh R., Yumnam S., Mangla P., Karthik R., Guping T., Banavoth M.	RSC Advances	2019	https://pubs.rsc.org/en/journals/journalissues/ra#?issueid=ra013049&type=current&issnonline=2046-2069	Yes
Impact of Waste Plastic Oil and Its Blends on Performance Combustion and Emission Characteristics of CRDI Engine	Krishna Chaitanya A.V.R., Pappula B.	SAE Technical Papers	2019	https://www.sae.org/publications/collections/content/dlibtp	Yes
Effects of Dual Biodiesel on a LHR-DI Diesel Engine Performance, Emission and Combustion Characteristics	Ellappan S., Rajendran S.	SAE Technical Papers	2019	https://www.sae.org/publications/collections/content/dlibtp	Yes
Integrated AHP and WED Based Approach to Select Optimal Combination of Operating Parameters on Spark Ignition Engine	Geetha N.K., Bridjesh P.	SAE Technical Papers	2019	https://www.sae.org/publications/collections/content/dlibtp	Yes
Advanced design optimization on straight bevel gears pair based on nature inspired algorithms	Ebenezer N.G.R., Ramabalan S., Navaneethasanthakumar S.	SN Applied Sciences	2019	https://link.springer.com/journal/42452	Yes
Utilization of unattended waste plastic oil as fuel in low heat rejection diesel engine	Ellappan S., Pappula B.	Sustainable Environment Research	2019	https://sustainenvironres.biomedcentral.com/	Yes
Creation and reveal of 3d fractals as actual time image representation	Rama B., Mishra J.	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017	2018		Yes
Design and implementation of cloud based patient health care monitoring systems using IoT	Lakshmanachari S., Srihari C., Sudhakar A., Nalajala P.	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017	2018		Yes
To enhance the security for ATM with the help of sensor and controllers	Archana K., Reddy P.B., Govardhan A.	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017	2018		Yes



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Study and Analysis of MEMS Based Flowrate and Path Sensor System	Nallathambi A., Shanmuganantham T., Sindhanaiselvi D.	2018 International Conference on Circuits and Systems in Digital Enterprise Technology, ICCSDET 2018	2018		Yes
Spatial co-location pattern mining using delaunay triangulation	Kiran Kumar G., Kavati I., Srinivas Rao K., Cheruku R.	Advances in Intelligent Systems and Computing	2018	https://www.springer.com/series/11156	Yes
Fast fingerprint retrieval using minutiae neighbor structure	Kavati I., Kiran Kumar G., Srinivas Rao K.	Advances in Intelligent Systems and Computing	2018	https://www.springer.com/series/11156	Yes
Dynamic navigation of query results based on hash-based indexing using improved distance pagerank algorithm	Lakshmi L., Bhaskara Reddy P., Shoba Bindu C.	Advances in Intelligent Systems and Computing	2018	https://www.springer.com/series/11156	Yes
Design of sensors for adaptive solar panels	Sreenivasa Reddy M., Siridhara A.L., Nagamani U.	ARPJN Journal of Engineering and Applied Sciences	2018	https://www.arpnjournals.com/journals/	Yes
Enhance Peak to Average Power Ratio (PAPR) in OFDM systems using partial transmit sequence	Susritha C., BalaSubramanyam N., Arulananth T.S., Karthik R.	ARPJN Journal of Engineering and Applied Sciences	2018	https://www.arpnjournals.com/journals/	Yes
A new architecture of modified booth recorder for add multiply operator using carry save adder	Aruna Manjusha K., Naresh B., Arulananth T.S.	ARPJN Journal of Engineering and Applied Sciences	2018	https://www.arpnjournals.com/journals/	Yes
Developing fractals using iterated function systems	Rama B., Mishra J.	ARPJN Journal of Engineering and Applied Sciences	2018	https://www.arpnjournals.com/journals/	Yes
Investigation on performance and emission characteristics of diesel engine with the blends of rosemary oil with Magnesium oxide	Ganesan S., Karthikayan S., Krishna G.S., Reddy G.V.R.	ARPJN Journal of Engineering and Applied Sciences	2018	https://www.arpnjournals.com/journals/	Yes
Advances in exopolysaccharides based bioremediation of heavy metals in soil and water: A critical review	Raj K., Sardar U.R., Bhargavi E., Devi I., Bhunia B., Tiwari O.N.	Carbohydrate Polymers	2018	https://www.sciencedirect.com/journal/carbohydrate-polymers	Yes
De novo design of selective Sortase-A inhibitors: Synthesis, structural and in vitro characterization	K.K.K., Mani T., Prasad M. V. V. V., Botlagunta M., Ravi M., Ramachandran D.	Chemical Data Collections	2018	https://www.sciencedirect.com/journal/chemical-data-collections	Yes



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Test model for stop word removal of devnagari text documents based on finite automata	Pimpalshende A., Mahajan A.R.	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPCSI 2017	2018	https://www.scimagojr.com/journalsearch.php?q=21100868802&tip=sid&clean=0	Yes
Censoring-Based Cooperative Spectrum Sensing with Improved Energy Detectors and Multiple Antennas in Fading Channels	Nallagonda S., Roy S.D., Kundu S., Ferrari G., Raheli R.	IEEE Transactions on Aerospace and Electronic Systems	2018	https://www.scimagojr.com/journalsearch.php?q=17336&tip=sid&clean=0	Yes
Machine learning with PySpark ñ Review	Bandi R., Amudhavel J., Karthik R.	Indonesian Journal of Electrical Engineering and Computer Science	2018	https://ijeecs.iaescore.com/index.php/IJECS	Yes
Hadoop security challenges and its solution using KNOX	Sirisha N., Kiran K.V.D., Karthik R.	Indonesian Journal of Electrical Engineering and Computer Science	2018	https://ijeecs.iaescore.com/index.php/IJECS	Yes
Real time detection of ñpeak in QRS complex of ECG using microcontroller	Santipriya N., Venkateswara Rao M., Arun V., Karthik R.	Indonesian Journal of Electrical Engineering and Computer Science	2018	https://ijeecs.iaescore.com/index.php/IJECS	Yes
Internet of things based wireless plant sensor for smart farming	Subashini M.M., Das S., Heble S., Raj U., Karthik R.	Indonesian Journal of Electrical Engineering and Computer Science	2018	https://ijeecs.iaescore.com/index.php/IJECS	Yes
Detection of masses in mammograms using Bayesian method and machine learning	Chatterjee P., Mamatha C., Jagadeeswari T., Shekhar K.C.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Homomorphic encryption security - a review	Phani Prasad J., Seetha Ramulu B., Amarnatha Reddy E.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Test case optimization and prioritization using improved cuckoo search and particle swarm optimization algorithm	Chandrasekhara Reddy T., Srivani V., Mallikarjuna Reddy A., Vishnu Murthy G.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
A survey on diagnosing health by using iot-wearables patient centric care	Laxmi Sunaina S., Kumar R.A., Roja G.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes



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Fuzzy Logic Aware QoS Multicasting in MANETs with Load Balance	Sirisala N.R., Bandi R.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Least square regression for prediction problems in machine learning using R	Anila M., Pradeepini G.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Visual feature based image forgery detection	Vaishnavi D., Mahalakshmi D., Rao Alapati V.S.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Attribute based image retrieval and segmentation using on-tological approaches	Mamatha C., Anandam V., Chatterjee P., Kumari H.V.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Prediction of machining characteristics of hybrid composites using response surface methodology approach	Ramanan G., Rajesh Prabha N., Diju Samuel G., Jai Aultrin K.S., Ramachandran M.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Network coding aware routing for efficient communication in Mobile ad-hoc networks	Prashanthi V., Babu D.S., Rao C.V.G.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
A new approach for converse binary tree traversals	Pushpa Rani K., Roja G., Sabitha C., Dhana Lakshmi B., Sreeja S.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
IOT based novel session payment system	Roja G., Pushpa Rani K., Sabitha C., Dhanalaxmi B., Sreeja S.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
A review on personalized medicine technique using cognitive computing	Jayanthi A., Ramu G., Pushpa Rani K.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Implementation of electronic voting system using Aadhaar	Bopparathi N., Rambabu S., ArunaManjusha K.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Elite sequence mining of big data using Hadoop Mapreduce	Amarendra Reddy P., Ramesh O.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes



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Performance evaluation of frame based adaptive compressed sensing and Non-Adaptive Compressed Sensing based on average frame signal to noise ratio	Arulananth T.S., Satheesh R., Bhaskara Reddy P.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Energy efficient key distribution for wireless sensor networks	Kuchipudi R., Qyser A.A.M., Balam V.V.S.S.S., Manusha Reddy A.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Comparative study on modern approaches of recommender system	Bhanu Prasad A., Sambasiva Rao N., Subba Rao K., Lakshmi B.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
A study on techniques of facial recognition and IOT cam vulnerabilities: A survey	Kumar R.A., Sobharani, Reddy S.N., Prasanna Y.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
A group tasks scheduling algorithm for cloud computing networks based on QoS	Jairam Naik K., Veda Vidhya B.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Attribute based access control scheme in cloud storage system	SeethaRamulu B., Balaji H., Suman B.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Risk aware access control model for trust based collaborative organizations in cloud	Aluvalu R., Chennam K., Jabbar M.A., Ahamed S.S.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Cyber physical systems for smart cities development	Jabbar M.A., Samreen S., Aluvalu R., Kiran Reddy K.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Decentralized secure online digital data registrations	Dugyala R., Hanuman Reddy N., Raghuram G., Lakshminarayana J.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Data labeling method based on cluster similarity using rough entropy for categorical data clustering	Suresh Kumar B., Venkateswara Reddy H., Viswanadha Raju S., Vijay Kanth G.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
R-language based analytics system for monitoring railway disasters	Prasada Reddy G.S., Rama Rao P., Harish V., Teegala N.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes



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Travel data sequence from multi-source recommendation system	Shobarani, Velagandula A., Kumar R.A., Anandkumar B.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Tracking and size estimation of objects in motion based on median of localized thresholding	Gujjunoori S., Oruganti M., Aparna N., Srija M., Dangare C.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
A lightweight buyer-seller watermarking protocol based on time-stamping and composite signal representation	Kumar A., Jain P., Ali J., Kumar S., John Samuel Babu G.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
A geographical factor of interest recommended strategies in location based social networks	Rama B., Sai Prasad K., Sultana A., Shekar K.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Analyzing the stress level of a patient using heart beat and pulse rate sensor by Arduino interface with CRO	Arunamanjusha K., Kalyani T., Naresh B., Nagaraju N.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Access policy's over encrypted cloud storage for secure deduplication	Kiran Kumar G., Amarnath Reddy E., Mamatha B., Manisha K.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Intelligent vehicular system with speed limit	Laxma Reddy D., Arulanth T.S., Nehru K., Nagaraju N., Ramesh Reddy G.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Secure online data sharing in cloud by private transmit cryptosystem using aggregate keys	Amarnath Reddy E., Srinuvasa Reddy M., Manisha K., Mamatha B.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
A navel analysis of GNSS for monitoring the position of trains	Yakaiah P., Nishanth Rao K., Prasad S.V.S., Ramesh Reddy G., Raveendranadh B., Nagarjuna T.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Free and moving boundary problems of heat and mass transfer	Kanakadurga Devi P., Naidu V.G., Mamatha K., Naresh B.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Authorization of data in Hadoop using Apache Sentry	Sirisha N., Kiran K.V.D.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes



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Design and implementation of an android application for management of events	Navya K., Shirisha N., Soumya G., Divya Jyothi G.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Object recognition using Keras with backend tensor flow	Bandi R., Amudhavel J.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
IoT based smart door lock system	Sowmya G., Divya Jyothi G., Shirisha N., Navya K., Padmaja B.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
Analyzing geographical events map reduce	Anitha G., Jyothi K., Susmitha Valli G., Karthik R., Padmaja B.	International Journal of Engineering and Technology(UAE)	2018	https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0	Yes
VLSI design of an area & time efficient design of overloaded CDMA architecture using han carlson adder	Arulananth T.S., Praveen Sagar S., Anusha B.	International Journal of Innovative Technology and Exploring Engineering	2018	https://www.scimagojr.com/journalsearch.php?q=21100889409&tip=sid&clean=0	Yes
Experimental aerodynamic analysis of delta wing using six component balance	Suresh Kumar R., Shiva Prasad U., Satyasandeeep C.H., Ganesh M.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Cold flow analysis of flow over a ramjet engine	Swathi G., Snigdha M., Sravanthi G., Alekya B.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Natural frequency estimation for unsymmetric cross section of a typical cylindrical shell	Bara A.I., Kodavanla B., Niloufer, Ruth E., Satyanarayana Gupta M.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Fabrication of a unmanned air vehicle wing for better endurance	Kodavanla B., Barai A., Jaya E., Gouthami K., Madhavi N.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes



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Multi-dimensional flow analysis of goldberg falcon remote controlled aircraft wing	Hanuma P., Snigdha M., Swathi G., Alekya B.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Vibration analysis of honeycomb sandwich panel in spacecraft structure	Marythraza M., Anitha D., Dash P.K., Ravi Kumar P.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Thermo-mechanical analysis of high temperature insulating composites	Sai Priyanka K., Kodavanla B., Barai A., Madhavi N.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Finite element method analysis of thickness of plates	Babitha K., Dadapeer A.B.S., Venkata Ramana G., Reddy V.M.N.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Wing structural analysis using different fiber reinforced composites and hybrid composites	Devaraj S., Ravi Kumar P., Anitha D., Dash P.K.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Experimental investigation on mechanical characterization of PAN carbon	Ragha Leena C.H., Ravi Kumar P., Anitha D., Dash P.K.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Design and analysis of cavitating propeller	Mahesh Kumar T., Ravi Kumar P., Muarali Krishna K.V., Dash P.K.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Comparison of ablation resistance and thermal conductivity of C-Ph and CNT composite laminates	Sravanthi G., Swathi G., Leena C.H., Dash P.K.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes



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Comparision of lifting re-entry and ballisite re-entry	Rathan Babu A., Vijay Kumar P., Praveen B., Suresh Kumar R.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Low speed impact test of heavy duty bumper	Krishnam Raju V.V., Seshagiri Rao G.V.R., Suryaprakash	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Experimental determination of buckling strength of stiffened panels	Sravanthi G., Ravi Kumar P., Anitha D., Dash P.K.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Effect of emulsifier on performance and emission characteristics of diesel engine using palm biodiesel	Subramanyam B., Chandra Mohana Reddy G., Bridjesh P., Deepak K., Reddy V.M.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Performance analysis of diesel engine using hazel nut biodiesel with antioxidants	Prabhu Kishore N., Bridjesh P., Alekhya N.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Analysis of composite orthogonal grid stiffened flat panel	Anitha D., Ravi Kumar P., Mary Thraza M., Sawale A.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Experimental investigation and analysis of a mechanical and thermal properties of hybrid polymer composite plates	Mahesh Kumar T., Ravi Kumar P., Anitha D., Praveen B.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Modelling and simulation of effect of component stiffness on dynamic behaviour of printed circuit board	Dash P.K., Mary Thraza M., Babithakodavanla	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes



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Buckling analysis of stiffened panel for aircraft fuselage	Uday Deepika A., Veeranjanyulu K.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Design and fabrication of black box ejection system for a civil transport aircraft	Veeranjanyulu K., Uday Deepika A.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Stress analysis of high speed four bar mechanism	Sura S., Sawala A.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Application of ARCS model and motivational design in engineering subjects a case study	Alekhya N., Prabhu Kishore N.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Design and analysis of mini-UAV	Sreelakshmi K., Niharika B.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Stress analysis of high speed four bar mechanism	Sura S., Sawala A.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Transient analysis of wind turbine blades	Chinna Maddaiah K., Anuradha N., Subramanyam B., Deepak K., Mahidar Reddy V.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Design and manufacturing of missile long shell component by CNC turn-mill centre	Sawale A., Khaleel M.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes



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Fatigue analysis of pulley, by using finite element analysis	Anuradha N., Subramanyam B., Chinna Maddaiah K., Deepak K., Mahidar Reddy V.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Evaluation of effect of shape and length of spike on aerodynamics performance of supersonic axisymmetric bodies	Sai Kumar A., Ganesh M.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Design of airship for aerial surveillance and communication using knowledge based engineering	Ganesh M., Sai Kumar A.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Thermostructural analysis of structural plates	Subramanyam B., Chinna Maddaiah K., Anuradha N., Deepak K., Mahidar Reddy V.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Stress analysis of high speed four bar mechanism	Sura S., Sawala A.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Comparison of wall temperatures on scramjet inlets at hypersonic velocities	Kanth U., Sandeep C.S., Prasad U.S., Suresh Kumar R., Sivakumar E.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Multi response objective optimization of friction stir welding parameters of dissimilar metals of aa 6061 aluminum and is319 brass joining through taguchi's method	Ananda Rao G., Chandra Mohana Reddy G., Sunny Raj Kumar G., Labesh Kumar C., Anil Kumar V.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Stress analysis on commercial aircraft window bleed (Tiny) hole	Shankar K.S., Mishra N.K.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes



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Influence of fiber orientation on the properties of composites	Ashok Kumar M., Deepak K., Moorthy C.V.K.N.S.N., Subramanyam B.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Fluid-structure interaction analysis on horizontal wind turbine blade	Ravi Kumar P., Dasmohapatra S., Mahesh Kumar T., Praveen B.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Model and analysis of desktop wind tunnel	Khaleel M., Alka S., Shilpa M.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Numerical simulation on flow past four circular cylinders in diamond and square arrangement	Srinu T., Girish S., Monica T., Dhanraj B.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Buckling analysis of stiffened composite panels for different ply orientations	Madhavi N., Sreelakshmi K., Atchytuni S.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Design and modeling studies of tube end expansion using response surface methodology	Venugopal L.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Analysis of the influence of friction stir processing on gas tungsten arc welding of 2024 aluminum alloy weld zone	Devireddy K., Devuri V., Cheepu M., Kranthi Kumar B.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Structural analysis on composite laminate with different orientation	Niharika B., Madhavi N., Sai Krishna M.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes



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Modal and harmonic analysis of a cantilver beam with differrent cross-sections	Kalavapalli S.R., Ravi Kanth T.N., Reddy K.R.S.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Studies on the strength of carbon/epoxy-glass/ epoxy hybrid laminated lap joints	Kodavanla B., Govardhan D., Durga Madhav G.S., Satyanarayana Gupta M.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
The performance improvement analysis of rotor induced vibrations in helicopter structure	Bino Prince Raja D., Samuel G.D., Swetha S.N., Ramanan G., Ramachandran M.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Design and experimental study of semi active system of mr damper for vibration control	Madura V.K., Kodavanla B., Srinivasa Rao P., Madhavi V.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Optimization of parametres for weldability strength ãñ An experimental design approach	Labesh Kumar C., Vanaja T., Mahender Reddy M.	International Journal of Mechanical and Production Engineering Research and Development	2018	https://www.scimagojr.com/journalsearch.php?q=21100814505&tip=sid&clean=0	Yes
Usage of parallel manipulator for external chest compressions during cardiopulmonary resuscitation - An experimental study on feedback manikin	Rao G.B., Kumar M.W., Sahu M., Rao G.A., Kumar N.M.	International Journal of Mechanical Engineering and Technology	2018	https://www.scimagojr.com/journalsearch.php?q=21100808402&tip=sid&clean=0	Yes
An approach to detect bone tumor using segmentation technique	Gogula S., Kumari K.H.V., Karthik R.	International Journal of Pharmaceutical Research	2018	https://www.scimagojr.com/journalsearch.php?q=19700174645&tip=sid&clean=0	Yes
Design and development of an automated assistance intelligent programmed tool for medical diagnosis (AAMD)	Karthik R., Tetali D.R., Vijaya Kumari K.H.V., Gogula S.V.	International Journal of Pharmaceutical Research	2018	https://www.scimagojr.com/journalsearch.php?q=19700174645&tip=sid&clean=0	Yes
Fuzzy logics associated with neural networks in intelligent control for better world	Arul Dalton G., Prabhakar Reddy G., Sai Prasad K.	International Journal of Reasoning-based Intelligent Systems	2018	https://www.scimagojr.com/journalsearch.php?q=21100198223&tip=sid&clean=0	Yes



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Study of Dual Biodiesel Fuelled LHR Diesel Engine Supported by Turbocharger System	Mahender S., Siva Kumar E.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=48	Yes
Turbo jet engine nozzle design optimization to reduce noise	Phaneendra V., Sreekanth S.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=47	Yes
Preface	Gupta M.S.N.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=46	Yes
Design and Analysis of Missile Nozzle	Nagineeni A., Deepika A.U.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=45	Yes
Air and Fuel Flow Interaction in Combustion for Various Injector Locations	Kumar A.S., Kumar T.S.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=44	Yes
Combustion Chamber Analysis Using CFD for Operation Condition	Shankar K.S., Ganesh M., Kumar K.S.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=43	Yes
Modeling and Analysis of Exhaust Manifold using CFD	Sunny Manohar D., Krishnaraj J.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=42	Yes
Optimization of Fuselage by Design and Analysis for Stress caused due to Pressure Loads	Garre P., Sudheer P.V.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=41	Yes
Design and Analysis of Composite Rocket Motor Casing	Niharika B., Varma B.B.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=40	Yes
CFD Analysis of Supersonic flow performance around a scramjet engines	Gupta M.S., Venuprasad M.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=39	Yes
Stress analysis of Al2014-T6 riveted splice joint fuselage structure using finite element analysis	Bino Prince Raja D., Arvind S., Prashant Vinchure N., Ramanan G., Diju Samuel G.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=38	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
Modelling and Analysis of SUKHOI FGFA and Introduction of composite materials to SUKHOI FGFA	Khaleel M., Prashanth B.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=37	Yes
Design and Development of Cantilever 3D Printer Model	Venu Gopal L., Sai Krishna Reddy G.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=36	Yes
Static and Dynamic Analysis for a Swept Back Dihedral Wing and its Optimization	Shankar K.S., Ganesh M., Prashant P.S.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=35	Yes
Design and Development of mini plastic shredder machine	Reddy S., Raju T.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=34	Yes
The Gas Flow Characteristics of A Helicopter Engine Exhaust Duct Using CFD Analysis	Lakshmi K.S., Kumar J.R.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=33	Yes
Compressor Design optimization for a High speed Jet engine	Abhishek S., Goud B.N.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=32	Yes
Design and Analysis of Chain sprocket Using Reverse Engineering	Maddaiah K.C., Reddy Y.D.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=31	Yes
Design and Development of Fume Exhaust Device	Subramanyam B., Praneeth U.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=30	Yes
Two bay crack arrest capability evaluation for metallic fuselage	Madhavi N., Saritha R.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=29	Yes
Utilising Local Expertise in Supply Chain Management-Focus Factors for An Indian Aero Space (Civil Aviation) Manufacturing Company	Surya Narayana K., Narasimha Rao M.V., Thirulogasundaram V.P.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=28	Yes
Waste plastic oil as an alternative fuel for diesel engine - A Review	Sushma P.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=27	Yes



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Autonomous Agricultural Pesticide Spraying UAV	Garre P., Harish A.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=26	Yes
Enhancement of heat transfer in the double pipe heat exchanger using different twisted tapes	Kumar K.S., Kumar B.S., Sai Kumar A., Reddy N.M.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=25	Yes
Comparative Analysis of Additive Manufacturing over Conventional Manufacturing	Subramanyam B., Vineeta T.V., Garre P., Nikhil Bharadwaj V.V.S., Shiva Shashank P.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=24	Yes
Current Research Trends and Innovations on Asbestos Free Brake Pad Materials in Automotive Vehicle Applications	Karthikayan D.S., Karthikayan S., Madhankumar D., Kamalkumar P., Prasad Nidumolu E.C.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=23	Yes
Design and Development of Automotive Carbon Fiber Bracket	Ravi B., Gupta M.S.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=22	Yes
Modeling and Stress Analysis of Pump Piping	Prabhu Kishore N., Prabhu S.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=21	Yes
Performance Analysis of Removal Rate of Material and Roughness of a Surface by Electric Discharge in Wirecut Machine on En-19a Material	Srinivas D., Madhu S.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=20	Yes
Numerical simulation of gas turbine blade cooling	Garre P., Susmitha C.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=19	Yes
Experimental Analysis of Fibre Metal Laminates	Giridharan D., Rakhm B.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=18	Yes
Comparative CFD Analysis and Investigation of Automobile Radiator Using Nanofluids	Sai Krishna G., Reddy G.A.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=17	Yes
Aerodynamic analysis over Unmanned Aerial Vehicle (UAV) using CFD	Sreelakshmi K., Jagadeeswar K.K.S.R.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=16	Yes



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Design and Analysis of Propeller	Sawale A., Archana D., Seshank C.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=15	Yes
Wing Rib Stress Analysis of DLR-F6 aircraft	Kalavagunta V., Hussain S.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=14	Yes
Review on Evaluation of properties of carbon phenolic composite structure using gas chromatography for analysis of thermal performance	Gupta M.S., Jha E.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=13	Yes
Crash Analysis of a Composite Car Body	Praveen L., Sandeep Kumar N.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=12	Yes
Review on determination of Carbon Phenolic composite structure thickness under aero-thermal loading.	Gupta M.S., Rao S.H.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=11	Yes
Drag prediction on the conical and ogival shaped noses of aerodynamic bodies	Alekhy N., Manthena S.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=10	Yes
Optimizing Bursting Effect of Submarine Pressure Hull under Radial Stresses	Ananda Rao G., Shashidhar Rao K.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=9	Yes
Gesture Control Robot with Arduino	Prem Kumar C.H., Madhu S.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=8	Yes
Design and analysis of Al6063 T6 and glass fiber reinforced composite material	Garre P., Rohan G.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=7	Yes
Improving fatigue life of gas turbine fan blade using advanced composite materials	Vimal R.K., Dhanjayan G.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=6	Yes
Damage Monitoring of Single Lap Bonded Composite Using Acoustic Emission Technique	Mishra N.K., Dash P.K., Yashwanth N.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=5	Yes



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Performance Analysis of Water Based Copper Oxide Nano Fluids in Heat Exchanger with Twisted Insert	Ashok Reddy K., Hanmanthu B.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=4	Yes
Simulation studies on Tube End Expansion of AA2014 Alloy Tubes	Venugopal L., Prasad N.E.C., Geeta Krishna P., Praveen L.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=3	Yes
Entropy Generation Analysis through Helical Coil Heat Exchanger in an Agitated Vessel	Ashok Reddy K.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=2	Yes
Effects of pulse on and off time and electrode types on the material removal rate and tool wear rate of the Ti-6Al-4V Alloy using EDM machining with reverse polarity	Praveen L., Geeta Krishna P., Venugopal L., Prasad N.E.C.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=1	Yes
Microbial fuel cells: Recent developments in design and materials	Bhargavi G., Venu V., Renganathan S.	IOP Conference Series: Materials Science and Engineering	2018	https://scimagojr.com/journalsearch.php?q=19700200831&tip=sid&clean=0	Yes
Utilizing data mining for appealing the frequent ãon Item sets	Ramana A.V., Rao A.S., Shanmukhi M., Madhuravani B.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=29	Yes
Monitoring of relative humidity in soil using labVIEW	Shravan Kumar G., Nishanth Rao K., Srikanth B.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=28	Yes
Interfacing relational data to HDFS	Ram Mohan Rao P., Kiran Kumar G., Lakshmi L., Surya Prabha I.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=27	Yes
An unmanned soldier assistance vehicle with autonomous path tracking	Haribabu K., Umasankar C., Prasad S.V.S., Khalandar Basha D.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=26	Yes
A novel image cryptography using nearest prime pixel algorithm	Vasudhevarreddy N., Haribabu K., Prasad S.V.S., Khalandar Basha D.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=25	Yes
Intelligent agribot for seed sowing and fertilizer distribution using labview	Umasankar C., Rawoof M.A., Prasad S.V.S., Khalandar Basha D.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=24	Yes



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Highly effective vertical wind turbine using labVIEW	Rawoof M.A., Vasudhevarreddy N., Prasad S.V.S., Khalandar Basha D.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=23	Yes
Design of an efficient online examination system using IoT	Chandra Babu D.V.S., Prasad S.V.S., Gidigupati Y.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=22	Yes
An image denoising framework using DT-CWT and fuzzy based decision algorithm for shrinking	Chinna Rao B., Madhavilatha M.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=21	Yes
Voice controlled home automation system by using raspberry pi	Fairooz S.K., Bharathi H., Prasad S.V.S.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=20	Yes
Object based land cover & land-use change detection using SVM: A case study of Visakhapatnam, India	Prasad S.V.S., Satya Savithri T.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=19	Yes
Active learning strategies in engineering education	Sowmya G., Divya Jyothi G., Shirisha N., Navya K.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=18	Yes
Finite difference method for one-dimensional stefan problem	Kanakadurga Devi P., Naidu V.G., Koneru S.R.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=17	Yes
Scalar vs vector color image processing: An analysis	Vijaya Kumari K.H., Gogula S.V., Karthik R.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=16	Yes
Design and implementation of voice alert based notification android app	Jyothi K., Anitha G., Padmaja B.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=15	Yes
Secured communication using modified Needham Schroeder Protocol	Bandi R., Gouse S., Anitha G.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=14	Yes
Design and simulation of a new reconfigurable antenna with meandered line structure	Vijetha T., Karthik R.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=13	Yes



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A novel approach for image integrity protection on FPGA	Naresh Kumar D., Arun V., Ravinder T., Nagarjuna T.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=12	Yes
Analyzing and predicting academic performance of students using data mining techniques	Sai Prasad K., Chandra Sekhar Reddy N., Rama B., Soujanya A., Ganesh D.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=11	Yes
MAA access control over cloud server using AAC scheme in cloud computing	Gouse S., Subair R., Madhuravani B.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=10	Yes
An implementation of high-speed digital reconfigurable FIR filter using low power carry look ahead adder-review	Arun V., Naresh Kumar D., Ravinder T., Karthik R., Kassa S.R., Nagarjuna T.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=9	Yes
Detection of image classifiers using CNN in machine learning	Nirosha K., Durga Sri B., Gouse S., Laxmi S.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=8	Yes
Speech control of home appliances using IOT application	Durga Sri B., Nirosha K., Gouse S., Laxmi S.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=7	Yes
Enhancement of disciples cognition levels using bloom's taxonomy in data mining	Karthik R., Tetali D.R., Gogula S.V., Manisha G.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=6	Yes
Strategic approach to succeed in national institutional rankings framework-India rankings 2019	Chugh K.L., Rao P.R.M., Karthik R., Prabha I.S.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=5	Yes
Big data: Query processing	Shanmukhi M., Venkata Ramana A., Sreenivasa Rao A., Madhuravani B., Chandra Sekhar Reddy N.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=4	Yes
Comprehensive data analysis of aarogyasri scheme progress in Telangana	Prashanthi V., Kanakala S.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=3	Yes
Wireless robot for military applications using ARM7 (LPC2148)	Annapurna B., Haribabu P., Prasad S.V.S.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=2	Yes



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SLOLAR: Scalable listwise online learning algorithm for ranking	Lakshmi L., Bhaskara Reddy P., Shoba Bindu C.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=1	Yes
Patient health monitoring system using raspberry PI and IoT	Bharathi H., Chandra Sekhar P., Prasad S.V.S.	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=0	Yes
Double block zero padding acquisition algorithm for GPS software receiver	Prasad S.V.S.	Journal of Automation, Mobile Robotics and Intelligent Systems	2018	https://www.scimagojr.com/journalsearch.php?q=21100454976&tip=sid&clean=1	Yes
A wavelet based watermarking approach in concatenated square block image for high security	Sridhar B.	Journal of Automation, Mobile Robotics and Intelligent Systems	2018	https://www.scimagojr.com/journalsearch.php?q=21100454976&tip=sid&clean=0	Yes
Privacy preservation techniques in big data analytics: a survey	Ram Mohan Rao P., Murali Krishna S., Siva Kumar A.P.	Journal of Big Data	2018	https://www.scimagojr.com/journalsearch.php?q=21100791292&tip=sid&clean=0	Yes
Metal insulator metal capacitors-state of the art	Karthik R., Manjusha K.A.	Journal of Computational and Theoretical Nanoscience	2018	https://www.scimagojr.com/journalsearch.php?q=28136&tip=sid&clean=0	Yes
Interfacing of GPS and GPRS modules to the beagleboard for driver assistance system	Bharathi H., Durga Sowjanya K., Vucham M.	Journal of Engineering and Applied Sciences	2018	https://jeas.springeropen.com/	Yes
A novel throughput and packet delay analysis of control scheme based on a Markov chain model in Dense IEEE 802.11 WLAN	Nishanth Rao K., Vasudheva Reddy N., Paramkusam A.V.	Journal of Engineering and Applied Sciences	2018	https://jeas.springeropen.com/	Yes
Study of typical signal in a Global Positioning System's receiver	Siridhara A.L., Reddy M.S.	Journal of Engineering and Applied Sciences	2018	https://jeas.springeropen.com/	Yes
An IOT based smart home automation using LabVIEW	Haribabu K., Prasad S.V.S., Satish Kumar M.	Journal of Engineering and Applied Sciences	2018	https://jeas.springeropen.com/	Yes
A performance evaluation of CDMA/MIMO communication system using permutation spreading	Chilumuri U., Haribabu K., Prasad S.V.S.	Journal of Engineering and Applied Sciences	2018	https://jeas.springeropen.com/	Yes
Privacy preserving and data publishing using tuple grouping algorithm	Prabhakar Reddy G., Sai Prasad K., Chandra Shekar Reddy N., Karthik R.	Journal of Engineering and Applied Sciences	2018	https://jeas.springeropen.com/	Yes
2D Symmetric 16i,8 SRAM with reset	Khalandar Basha D., Reddy S., Aruna Manjusha K.	Journal of Engineering and Applied Sciences	2018	https://jeas.springeropen.com/	Yes



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Implementation of active learning strategies at MLR institute of technology, Hyderabad - A best practice	Chugh K.L., Ram Mohan Rao P.	Journal of Engineering Education Transformations	2018	https://iucee.org/journal-jeet/	Yes
Innovations in teaching methodologies to improve the results of core subjects at the first year level: A study under autonomous scheme	Madhu S., Reddy G.P.	Journal of Engineering Education Transformations	2018	https://iucee.org/journal-jeet/	Yes
Paradigm shift in teaching methodologies - Improved knowledge of faculty and students	Radhika Devi V.	Journal of Engineering Education Transformations	2018	https://iucee.org/journal-jeet/	Yes
Ferromagnetic nature in low-dimensional $\text{S\ddot{a}o\ddot{c}1}$ antiferromagnetic Li2Ni(WO4)2 nanoparticles	Panneer Muthuselvam I., Sankar R., Narsinga Rao G., Karna S.K., Chou F.C.	Journal of Magnetism and Magnetic Materials	2018	https://sciencedirect.com/journal/journal-of-magnetism-and-magnetic-materials	Yes
Impact of thermal barrier coating on operating characteristics of diesel engine fueled by waste plastic oil	Ellappan S., Bridjesh P., Suresh	Journal of the Balkan Tribological Association	2018	https://www.scimagojr.com/journalsearch.php?q=12600154711&tip=sid&clean=0	Yes
Protecting invulnerability and security for wireless sensor networks to save data	Krishna V., Umar S., Ramesh O., Yogender Nath N.	Journal of Theoretical and Applied Information Technology	2018	https://www.scimagojr.com/journalsearch.php?q=19700182903&tip=sid	Yes
Evaluation of critical blockage ratio and pulse length in a pulse detonation engine using CFD and MATLAB	Srikrishnan S., Dash P.K., Jayakumar V.	MATEC Web of Conferences	2018	https://www.scimagojr.com/journalsearch.php?q=21100316064&tip=sid	Yes
A fuzzy fusion approach for modified contrast enhancement based image forensics against attacks	Subrahmanyeswara Rao B.	Multimedia Tools and Applications	2018	https://www.springer.com/journal/111042	Yes
Energy efficient neoteric design of a 3-input Majority Gate with its implementation and physical proof in Quantum dot Cellular Automata	Kassa S.R., Nagaria R.K., Karthik R.	Nano Communication Networks	2018	https://www.sciencedirect.com/journal/nano-communication-networks	Yes
A Wavelet Based Watermarking in Video Using Layer Fusion Technique	Sridhar B.	Pattern Recognition and Image Analysis	2018	https://link.springer.com/journal/11493	Yes
A novel secure authentication approach for wireless communication using chaotic maps	Madhuravani B., Murthy D.	Proceedings - International Conference on Trends in Electronics and Informatics, ICEI 2017	2018	https://www.proceedings.com/39760.html	Yes



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Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper /abstract of the article	Is it listed in UGC Care list
VANET for leveraging for caching network content distribution	Subbarayadu Y., Geetha G., Deepika N.M., Umar S.	Proceedings of the 2017 International Conference on Intelligent Computing and Control Systems, ICICCS 2017	2018	https://www.proceedings.com/39760.html	Yes
Energy efficient sun synchronous solar panels	Kalyani T., Ajmera S., Leela Krishna D., Vineeth Reddy G., Sowmya S., Bharghavi V.	Proceedings of the 2nd International Conference on Inventive Systems and Control, ICISC 2018	2018	https://ieeexplore.ieee.org/xpl/conhome/8390718/proceeding	Yes
Trenchant Pathway to bring Innovation through Foundations to Product Design in Engineering Education	Alok G., Pothupogu S., Sampath Reddy M., Saipriya P., Radhika Devi V.	Proceedings of the 6th IEEE International Conference on MOOCS Innovation and Technology In Education, MITE 2018	2018	https://ieeexplore.ieee.org/xpl/conhome/8742734/proceeding	Yes
Analysis of National Institutional Ranking Framework-Journey so far	Chugh K.L., Alekhya N., Prabhu Kishore N., Shekar K.	Proceedings of the 6th IEEE International Conference on MOOCS Innovation and Technology In Education, MITE 2018	2018	https://ieeexplore.ieee.org/xpl/conhome/8742734/proceeding	Yes
Impact of Active Learning in Engineering Education	Ram Mohan Rao P., Chugh K.L., Sai Prasad K., Shekar K.	Proceedings of the 6th IEEE International Conference on MOOCS Innovation and Technology In Education, MITE 2018	2018	https://ieeexplore.ieee.org/xpl/conhome/8742734/proceeding	Yes
MOOCs: Education for All-On Going Development in India	Jagetiya A., Challa R.K., Prashanthi G.	Proceedings of the 6th IEEE International Conference on MOOCS Innovation and Technology In Education, MITE 2018	2018	https://ieeexplore.ieee.org/xpl/conhome/8742734/proceeding	Yes
Air writing recognition modeling and recognition of characters, words and connecting motions	Anjaneyulu P., Jampaiah Y., Karthik R., Vijetha T.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	https://www.proceedings.com/39760.html	Yes



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An antenna design in gap waveguide using CST	Rao K.N., Aran V., Karthik R., Reddy A.K.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	https://www.proceedings.com/39760.html	Yes
Design and implementation of Bluetooth home automation	Gouse S., Nirosha K., Sri B.D.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	https://www.proceedings.com/39760.html	Yes
Course outcome assessment tool for objective questions	Reddy T.D., Chugh K.L., Karthik R.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	https://www.proceedings.com/39760.html	Yes
Flood level estimating system	Suresh N., Babu K.H., Prasad S.V.S.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	https://www.proceedings.com/39760.html	Yes
Implementation of an smart waste management system using IoT	Haribabu P., Kassa S.R., Nagaraju J., Karthik R., Shirisha N., Anila M.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	https://www.proceedings.com/39760.html	Yes
Wireless sensor networks algorithms to improve energy efficiency: Review	Reddy D.L., Aran V., Paramkusam A.V., Nagaraju N.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	https://www.proceedings.com/39760.html	Yes
Design methodology to check the quality of the image in a mobile environment - State of the art	Jyothi K., Pardhu T., Karthik R., Arulananth T.S.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	https://www.proceedings.com/39760.html	Yes
Design and implementation of smart movable road divider using IOT	Sri B.D., Nirosha K., Gouse S.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	https://www.proceedings.com/39760.html	Yes



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Blended learning using E-shikshak	Chugh K.L., Reddy T.D., Karthik R., Arulananth T.S.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	https://www.proceedings.com/39760.html	Yes
Software reliability models - A comparative study	Anila M., Sirisha N., Karthik R.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	https://www.proceedings.com/39760.html	Yes
High speed architecture for orthogonal code convolution	Ajmera S., Vucha M., Kokkula A.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	https://www.proceedings.com/39760.html	Yes
Sensor lighting system using microcontroller in energy conservation	Annapurna B., Haribabu P., Karthik R., Vucha M.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	https://www.proceedings.com/39760.html	Yes
Encryption standards for security system in energy harvesting for IoT requirements - Review	Arun V., Reddy D.L., Srinivas S.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	https://www.proceedings.com/39760.html	Yes
Patient health management system using e-health monitoring architecture	Baswa M., Karthik R., Natarajan P.B., Jyothi K., Annapurna B.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	https://www.proceedings.com/39760.html	Yes
Design and implementation of a store management system	Jyothi G.D., Navya K.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	https://www.proceedings.com/39760.html	Yes
One dimensional two phase problem	Kanakadurga Devi P., Naidu V.G., Mamatha K., Naresh B.	Proceedings of the International Conference on Smart Systems and Inventive Technology, ICSSIT 2018	2018	https://ieeexplore.ieee.org/xpl/cookie/8742696/proceeding	Yes



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Machine learning based oozie workflow for hive query schedule mechanism	Bandi R., Anitha G.	Proceedings of the International Conference on Smart Systems and Inventive Technology, ICSSIT 2018	2018	https://ieeexplore.ieee.org/xpl/conhome/8742696/proceeding	Yes
In vitro antibacterial and in silico evaluation of indole based molecules as staphylococcus aureus sortase a inhibitors	Raj K.K., Sowjanya K., Pardhasaradhi M., Ramachandran D.	Research Journal of Chemistry and Environment	2018	https://www.scimagojr.com/journalsearch.php?q=5300152224&tip=sid&clean=0	Yes
Selection of Optimum Blend of Waste Plastic Oil-Diesel Blends Adapting Combinatorial Mathematics Based Approach	Bridjesh P., Periyasamy Phd P., Krishnan P., Geetha N.K.	SAE Technical Papers	2018	https://www.sae.org/publications/collections/content/dlibtp	Yes
Combustion and Emission Behaviour Study of Non-Edible Vegetable Biofuel as Sole Fuel in Diesel Engine	Karthikayan S., Gomathinayakam S.	SAE Technical Papers	2018	https://www.sae.org/publications/collections/content/dlibtp	Yes
Recent Trends in Energy Conversion Using Thermoelectric Generators: Techniques and Methods	Karthikayan S., Gomathinayakam S., Dhandapani M.	SAE Technical Papers	2018	https://www.sae.org/publications/collections/content/dlibtp	Yes
Modeling and software development to convert RDB to RDF Design of	Umar S., Gayathri P., Anil C., Priya N., Srikanth R.	Smart Innovation, Systems and Technologies	2018	https://www.springer.com/series/8767	Yes
Design of jitter spectral shaping as robust with various oversampling techniques in OFDM	Umar S., Priya N., Gayathri P., Subba Reddy T., Abdul A.M.	Smart Innovation, Systems and Technologies	2018	https://www.springer.com/series/8767	Yes
MEA and DEE as additives on diesel engine using waste plastic oil diesel blends	Bridjesh P., Periyasamy P., Krishna Chaitanya A.V., Geetha N.K.	Sustainable Environment Research	2018	https://sustainenvironres.biomedcentral.com/	Yes
Common fixed point theorems in 2-metric spaces using composition of mappings via A-contractions	Suresh Goud J., Murthy P.R.B., Reddy C.A., Madhusudhan Reddy K.	Trends in Mathematics	2018	https://www.springer.com/series/4961	Yes