

Authors	Title	Source title	Volume	Issue	Year	Cited by
Talapati R.J., Katti V.V.	Influence of ratio of nozzle length to diameter on local heat transfer study of an unconfined circular air jet impingement	International Journal of Thermal Sciences	183		2023	1
Nayak S., Kittur A.A., Nayak S.	Green Synthesis of Nickel Cobaltite Using Moringa oleifera Plant Extract for Electrode Materials in Sustainable Supercapacitor Energy Storage	Journal of Electronic Materials	52	2	2023	
Talapati R.J., Katti V.V.	Influence of turbulator under the detached rib on heat transfer study of air jet impinging on a flat surface	International Journal of Thermal Sciences	184		2023	
Lalsangi S., Yaliwal V.S., Banapurmath N.R., Soudagar M.E.M., Balasubramanian D., Sonthalia A., Varuvel E.G., Wae-Hayee M.	Influence of hydrogen injection timing and duration on the combustion and emission characteristics of a diesel engine operating on dual fuel mode using biodiesel of dairy scum oil and producer gas	International Journal of Hydrogen Energy			2023	
Viraktamath S.V., Hiremath D., Tallur K.	Detection of Diabetic Retinopathy Using Fundus Images	Lecture Notes in Electrical Engineering	928		2023	
Sakri L.I., Kerur V., Shet G., Mokashi S., Patki A.	Gesture-Based Drawing Application: A Survey	Lecture Notes in Networks and Systems	498		2023	
Sakri L.I., Patil R.V.	A Survey on Machine Learning-Based Approaches for Leukaemia Detection	Lecture Notes in Networks and Systems	498		2023	

Raghavendra S., Parvati V., Manjula R., Nanda A.K., Singh R., Lakshmi D., Velmurugan S.	DLMNN Based Heart Disease Prediction with PD-SS Optimization Algorithm	Intelligent Automation and Soft Computing	35	2	2023	
Sateesh K.A., Yaliwal V.S., Soudagar M.E.M., Banapurmath N.R., Fayaz H., Safaei M.R., Elfasakhany A., EL-Seesy A.I.	Utilization of biodiesel/Al ₂ O ₃ nanoparticles for combustion behavior enhancement of a diesel engine operated on dual fuel mode	Journal of Thermal Analysis and Calorimetry	147	10	2022	28
Yaliwal V.S., Banapurmath N.R., Soudagar M.E.M., Afzal A., Ahmadi P.	Effect of manifold and port injection of hydrogen and exhaust gas recirculation (EGR) in dairy scum biodiesel - low energy content gas-fueled CI engine operated on dual fuel mode	International Journal of Hydrogen Energy	47	10	2022	19
Kumar G.B.V., Gouda P.S.S., R P., Chowdary U.S.K., Subash T., Vamsi M.S., Naresh K.	Development and experimental evaluation of titanium diboride particulate reinforcements on the Al6061 alloy composites properties	Advances in Materials and Processing Technologies	8	2	2022	9
Halewadimath S.S., Banapurmath N.R., Yaliwal V.S., Prasad M.G., Jalihal S.S., Soudagar M.E.M., Yaqoob H., Mujtaba M.A., Shahapurkar K., Safaei M.R.	Effect of manifold injection of hydrogen gas in producer gas and neem biodiesel fueled CRDI dual fuel engine	International Journal of Hydrogen Energy	47	62	2022	7

Ranadev M.B., Sheelavant V.R., Chakrasali R.L.	Predetermination of Performance Parameters of 3-phase Induction Motor using Numerical Technique Tools	International Journal on Recent and Innovation Trends in Computing and Communication	10	6	2022	6
Rathod M.R., Rajappa S.K., Minagalavar R.L., Praveen B.M., Devendra B.K., Kittur A.A.	Investigation of African mangosteen leaves extract as an environment-friendly inhibitor for low carbon steel in 0.5 M H ₂ SO ₄	Inorganic Chemistry Communications	140		2022	6
Munnoli P.M., Nabapure S., Yeshavanth G.	Post-COVID-19 precautions based on lessons learned from past pandemics: a review	Journal of Public Health (Germany)	30	4	2022	6
Rathod M.R., Rajappa S.K., Kittur A.A.	Garcinia livingstonei leaves extract influenced as a mild steel efficient green corrosion inhibitor in 1 M HCl solution	Materials Today: Proceedings	54		2022	6
Nayak S., Kittur A.A., Nayak S.	Green synthesis of Silver-Zirconia composite using chitosan biopolymer binder for fabrication of electrode materials in supercapattery application for sustainable energy storage	Current Research in Green and Sustainable Chemistry	5		2022	5
Hunashimarad B.G., Bhat J.S., Raghavendra P.V., Bhajantri R.F.	ZnO:Ca MSM ultraviolet photodetectors	Optical Materials	124		2022	4

Nayak S., Kittur A.A., Nayak S.	Nickel phosphide-polyaniline binary composite as electrode material using chitosan biopolymer electrode binder for supercapattery applications	Materials Today: Proceedings	54		2022	4
Halewadimath S.S., Banapurmath N.R., Yaliwal V.S., Nataraja K.M.	Effect of engine variables on combustion characteristics of a dual fuel engine powered by neem oil methyl ester and producer gas	International Journal of Ambient Energy	43	1	2022	4
Gollagi S.G., Math M.M., Kulkarni U.P.	Research outlook and state-of-the-art methods in context awareness data modeling and retrieval	Evolutionary Intelligence	15	2	2022	3
Sateesh K.A., Gaddigoudar P., Yaliwal V.S., Banapurmath N.R., Harari P.A.	Influence of hydrogen and exhaust gas recirculation on the performance and emission characteristics of a diesel engine operated on dual fuel mode using dairy scum biodiesel and low calorific value gas	Materials Today: Proceedings	52		2022	3
Joshi A., Gouda P.S.S., Sridhar I., Umarfarooq M.A., Uppin V., Vastrad J., Gogoi N., Edacherian A.	Crack suppression by natural fiber integration for improved interlaminar fracture toughness in fiber hybrid composites	Frattura ed Integrita Strutturale	16	60	2022	2

Nayak S., Kittur A.A., Nayak S.	Biosynthesis of zinc oxide-cobalt oxide nanocomposite as electrode material and its performance evaluation for the sustainable hybrid supercapacitor energy storage devices	Chemical Physics Letters	806		2022	1
Veeresh Kumar G.B., Shivakumar Gouda P.S., Pramod R., Prasanna N.D., Balasubramanya H.S., Aradhya S.M.	Fabrication, mechanical and wear properties of Aluminum (Al6061)-silicon carbide-graphite Hybrid Metal Matrix Composites	Frattura ed Integrita Strutturale	16	62	2022	1
Hulaji S., Hegde V.S., Li X.-H., Su L., Pratihari A.R., Paltekar M.	Geochemical constraints of bulk rocks and in-situ zircon from the granitoids of the Hungund Schist Belt: An insight for hydrothermal activity	Journal of Earth System Science	131	3	2022	1
Kenchannavar H.H., Pujar P.M., Kulkarni R.M., Kulkarni U.P.	Evaluation and Analysis of Goodness of Fit for Water Quality Parameters Using Linear Regression Through the Internet-of-Things-Based Water Quality Monitoring System	IEEE Internet of Things Journal	9	16	2022	1
Mane K.M., Joshi A.M., Kulkarni D.K., Prakash K.B.	Influence of retempering on properties of concrete made with manufactured sand and industrial waste	Cleaner Materials	4		2022	1
Hiremath S.G., Joshi S.G.	Roadmap to distillery spent wash treatment and use of soft computing techniques	Evolutionary Intelligence	15	2	2022	1

Karapurkar D., Hegde V.S., Ramakrishnan R.	Sediment dispersal pattern along an engineered micro- tidal tropical estuarine beach	Journal of Earth System Science	131	1	2022	1
Ammanna L., Jagadeeshgowda, Pujari J.	An efficient and robust parallel scheduler for bioinformatics applications in a public cloud: A bigdata approach	Indonesian Journal of Electrical Engineering and Computer Science	25	2	2022	1
Shivakumar Gouda P.S., Sridhar I., Umarfarooq M.A.	Crack suppression in glass epoxy hybrid L-bend composites through drawdown coating technique using nano and micro fillers	Materials Today: Proceedings	62	P13	2022	1
Sandhya V.S., Joshi S.M.	The performance evaluation and analysis of QoS metrics on Routing Protocols using Multimedia Traffic in Mobile Adhoc NETWORK	2022 International Conference for Advancement in Technology, ICONAT 2022			2022	1
Harari P.A., Yaliwal V.S., Banapurmath N.R.	Experimental investigation on the effect of gaseous fuels energy share on reactivity controlled compression ignition mode of combustion operated with gaseous fuels and liquid fuels	Materials Today: Proceedings	52		2022	1

Rudresha S.J., Ankaliki S.G., Ananthapadmanabha T., Girish V.	Integration of Solar Photovoltaic Generation in a Practical Distribution System for Loss Minimization and Voltage Stability Improvement	Lecture Notes in Electrical Engineering	767		2022	1
Uppin V.S., Gouda P.S.S., Kittur M.I., Andriyana A., Ang B.C., Parveez B., Badruddin I.A., Javed S., Kamangar S.	Mechanical Response of Glass-Epoxy Composites with Graphene Oxide Nanoparticles	Materials	15	23	2022	
Santhosh Raikar M., Kamalapur G.D.	Enhancement of System Stability Using Series FACTS Device under LG-LLG Fault Condition: A Comparative Study of GCSC and TSSC	SSRG International Journal of Electrical and Electronics Engineering	9	11	2022	
Umarfarooq M.A., Gouda P.S.S., Banapurmath N.R., Kittur M.I., Khan T., Badruddin I.A., Kamangar S., Hussien M.	On the Residual Stresses and Fracture Toughness of Glass/Carbon Epoxy Composites	Materials	15	20	2022	
Joshi S.S., Biradar S.R.	Minimizing routing overhead using signal strength in multi-hop wireless network	International Journal of Electrical and Computer Engineering	12	5	2022	
Horadi K.V., Pujari J., Bhat N.P.	A NOVEL APPROACH FOR CONTENT EQUIVALENCE ANALYSIS IN COMPRESSED DOCUMENT IMAGES A SYSTEMATIC STUDY	Journal of Theoretical and Applied Information Technology	100	17	2022	

Akshata Bandi H., Patil N.S.	Estimation of Water Balance Components for the Watershed of Ghataprabha Sub-Basin	Nature Environment and Pollution Technology	21	3	2022	
Mane K.M., Joshi A.M., Kulkarni D.K., Prakash K.B.	An Experimental Evaluation of the Shear and Impact Strength of Retempered Concrete made with Manufactured Sand and Silica Fume	Journal of The Institution of Engineers (India): Series A	103	3	2022	
Horadi K.V., Pujari J., Bhat N.P.	DEEP LEARNING BASED MODEL FOR TABLE DETECTION CONTENT AND LAYOUT ANALYSIS IN COMPRESSED DOCUMENT IMAGES - A COMPREHENSIVE APPROACH	Journal of Theoretical and Applied Information Technology	100	14	2022	
Umarfarooq M.A., Gouda P.S.S., Bharath K.N., Veereshkumar G.B., Banapurmath N.R., Edacherian A.	Effects of residual stresses on interlaminar radial strength of Glass-Epoxy L-bend composite laminates	Frattura ed Integrita Strutturale	16	61	2022	
Patil B., Biradar S.R.	Early Detection Mechanism for Sybil Attacks on Wireless Multimedia Sensor Networks	Serbian Journal of Electrical Engineering	19	2	2022	
Dalal V., Bhairannawar S.	Efficient de-noising technique for electroencephalogram signal processing	IAES International Journal of Artificial Intelligence	11	2	2022	

Maruthi Prashanth B.H., Gouda P.S.S., Manjunatha T.S., Edacheriane A., Umarfarooq M.A.	Prominence of quantitative fiber loading on free vibration, damping behavior, inter-laminar shear strength, fracture toughness, thermal conductivity, and flammability properties of jute–banana hybrid fiber phenol-formaldehyde composites	Polymer Composites	43	5	2022	
Hosamane S., Bandekar S., Patil C., Joshi K.	Optimization of Removal of Cadmium (II) using Response Surface Methodology	Trends in Sciences	19	6	2022	
Hegde V.S., Nayak S.R., Huchchannavar G.K., Krishnaprasad P.A., Rajawat A.S., Shalini G., Jayakumar S., Gosavi K.D., Hegde L.G.	Meso-scale foreshore evolution in low-energy, storm-dominated tropical west coast of India: Implications for shoreline management	Journal of Earth System Science	131	1	2022	
Pratihari A.R., Hegde V.S., Frimmel H.E., Hulaji S., Paltekar M.	Depositional environment of polymictic conglomerate of the Gadag greenstone Belt, Western Dharwar Craton, south India: An insight for Neoproterozoic marginal sedimentation	Geological Journal	57	3	2022	
Wongchai A., Parvati V.K., Al-Safarini M.Y., Shamsi W.D., Singh B., Huy P.Q.	Manufacturing industry-based optimal scheduling method of information system operation and maintenance resources	International Journal of Advanced Manufacturing Technology			2022	

Punekar P.A., Parvati V.K., Mattikalli A.B., Gadad G.M.	An Innovative Humanoid Assistant for Performing Simple & Repetitive Tasks	13th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2022	8		2022	
Solapure S., Kenchannavar H., Kulkarni U.P.	Analysis of Various RPL Protocol Objective Functions for Quality of Service Parameters	2022 IEEE International Conference on Blockchain and Distributed Systems Security, ICBDS 2022			2022	
Hiremath S., Panda A., Prashantha C., Pasumarti S.S.	An empirical investigation of customer characteristics on retail format selection – a mediating role of store image	Journal of Indian Business Research			2022	
Mokashi B., Bhat V.S., Pujari J.D., Roopashree S., Mahesh T.R., Alex D.S.	Efficient Hybrid Blind Watermarking in DWT-DCT-SVD with Dual Biometric Features for Images	Contrast Media and Molecular Imaging	2022		2022	
Cholake S., Chanda S., Katti V.V.	ENTROPY GENERATION IN TRANSIENT CONDUCTION-RADIATION HEAT TRANSFER IN A RADIATIVELY PARTICIPATING MEDIUM	Proceedings of the Thermal and Fluids Engineering Summer Conference	2022-May		2022	
Horadi K.V., Pujari J.D., Bhat N.P.	Deep learning based Layout Equivalence Detection in Compressed Domain and analysis of different Document Image Dataset: A Systematic Study	2022 2nd International Conference on Intelligent Technologies, CONIT 2022			2022	

Vaidya A., Joshi S.M.	Deferred Transmission Control Communication Protocol for Mobile Object-Based Wireless Sensor Networks	Lecture Notes in Networks and Systems	458		2022	
Patravali S.D., Algur S.P.	Sentimental Analysis of COVID-19 Tweets Using Semantic Approach	2022 3rd International Conference for Emerging Technology, INCET 2022			2022	
Gavade P.A., Bhat V.S., Pujari J.	Improved deep generative adversarial network with illuminant invariant local binary pattern features for facial expression recognition	Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization			2022	
Gavade P.A., Bhat V.S., Pujari J.	Hybrid Features and Deep Learning Model for Facial Expression Recognition From Videos	International Journal of Image and Graphics			2022	
Nagaveni G.H., I Sattigeri N., Halse S.V., Hodlur R.M., Murgunde B.K., Kalasad M.N.	Formation and characterization of Oleylamine stabilized Ceria nanoparticles	Materials Today: Proceedings	67		2022	
Desai P., Pujari J.	Artificial Intelligence Framework for Content-Based Image Retrieval: Performance Analysis	Lecture Notes on Data Engineering and Communications Technologies	111		2022	

Vijaykumar S., Hiremath V.R., Sushant S.K., Mathad S.N.	Synthesis, Characterization and Evaluation of δ -Al ₂ O ₃ Nanoparticles Prepared by Chemical Method with Variation of pH [Синтез, характеристика та оцінка наночастинок δ -Al ₂ O ₃ , отриманих хімічним методом зі зміною pH]	Journal of Nano- and Electronic Physics	14	3	2022	
Murnal V.R., C V.	An optimized nanoscale Quasi-Ballistic DG MOSFET model with diffusive carrier scattering dependency	International Journal of Electronics			2022	
Shirkol S.S., Kumbargoudra P.P.	Roman and k-rainbow Domination of Degree Splitting Graph	Palestine Journal of Mathematics	11	3	2022	
Pradeep S.G., Banapurmath N.R., Basavarajappa Y.H., Yaliwal V.S., Harari P.A., Nataraja K.M.	Effect of piston and cylinder head swirl generation techniques on the performance of ceiba pentandra and nigella sativa B20 biodiesel blended diesel engine operation	Materials Today: Proceedings	59		2022	
Salunke A., Honnungar S.	A review of unboiled arecanut drying process and its correlation with mechanical properties	Materials Today: Proceedings	56		2022	
Mahalank P.	Zagreb Indices of Triple Square Snake Graphs	Proceedings of the Jangeon Mathematical Society	25	1	2022	
Viraktamath S.V., Jahnvi R., Vidya A., Bhat A.S., Nayak S.	Wildlife Monitoring and Surveillance	2022 International Conference for Advancement in Technology, ICONAT 2022			2022	

Kabber S., Shivakumar Gouda P.S., Umarfarooq M.A.	Investigations of Residual stresses in FRP composite by Relaxation techniques - An experimental approach	Materials Today: Proceedings	52		2022	
Yaliwal V., Gaddigoudar P., Akki S., Devadas V., Jalihal S.S., Prasad M.G., Timmanagoudar S.N., Halewadimath S.S., Banapurmath N.R.	Influence of piston bowl geometry on the performance and emission characteristics of a diesel engine operated on single fuel mode using dairy scum oil biodiesel	Materials Today: Proceedings	52		2022	
Umarji I., Yadawad R., Patil R., Kulkarni V., Kulkarni U.P.	A framework for a curriculum to ensure minimum standard for flexible, experiential and multi-disciplinary learning towards achieving NEP-2020 goals	Journal of Engineering Education Transformations	35	Special Issue 1	2022	
Vishwantha J.S., Hebbale A.M., Somanath Swamy R.H.M., Desai A.	Development and structural analysis on longeron cross sectional area in a flat stiffened panel with a broken central longeron	Materials Today: Proceedings	52		2022	
Viraktamath S.V., Vidya, Bhadavankar R., Nabhapur S.S., Rati N.	Smart Helmet for Motorcyclist	Lecture Notes in Electrical Engineering	844		2022	
Kerur S.S., Veeresh, Shirakol S.K.	An Area-Efficient JK Flip-Flop-Based Phase Detector for Phase Measurement System Based on FPGA	Lecture Notes in Networks and Systems	355		2022	

Velangi R., Kerur S.S.	Hardware Implementation and Comparison of OE Routing Algorithm with Extended XY Routing Algorithm for 2D Mesh on Network on Chip	Lecture Notes in Networks and Systems	373		2022	
Saptalakar B.K., Latte M.V.	FPGA-based reflection image removal using cognitive neural networks	Applied Nanoscience (Switzerland)			2022	
Kumar M.R.V., Vanakudre S.B.	Probabilistic Design Analysis of Sustainable Unconventional Materials Used In Concrete Mix Aggregates: A Novel Statistical Analysis Based Eco-Friendly Approach	International Journal of Engineering Trends and Technology	70	1	2022	
Viraktamath S.V., Naikar A.B., Nargund S.N., Gayakawad M.	Smart Traffic, Ambulance Clearance, and Stolen Vehicle Detection	Lecture Notes on Data Engineering and Communications Technologies	93		2022	
Saptalakar B.K., Latte M.V.	Effective reflection removal system for cognitive based convolutional neural networks	Soft Computing			2022	
Dalal V.B., Bhairannawar S.S.	Efficient electro encephelogram classification system using support vector machine classifier and adaptive learning technique	Indonesian Journal of Electrical Engineering and Computer Science	25	1	2022	
Sujay R., Parvati V.K., Biradar S.R., Kerur V.V., Huilgol S.S.	Forecasting of Onion Prices	Lecture Notes in Networks and Systems	281		2022	

Sakri L.I., Nikkam P.S., Kulkarni M., Kamath P., Bhat S.S., Kamat S.	Phishing Websites, Detection and Analysis: A Survey	Lecture Notes in Networks and Systems	281		2022	
Sakri L.I., Jagadeeshgowda K.S.	A Robust BSP Scheduler for Bioinformatics Application on Public Cloud	Lecture Notes in Networks and Systems	281		2022	
Talapati R.J., Katti V.V.	Influence of synthetic air jet temperature on local heat transfer characteristics of synthetic air jet impingement	International Communications in Heat and Mass Transfer	130		2022	
Harari P.A., Banapurmath N.R., Yaliwal V.S., Soudagar M.E.M., Khan T.M.Y., Mujtaba M.A., Safaei M.R., Akram N., Goodarzi M., Elfasakhany A., El-Seesy A.I.	Experimental investigation on compression ignition engine powered with pentanol and thevetia peruviana methyl ester under reactivity controlled compression ignition mode of operation	Case Studies in Thermal Engineering	25		2021	52
Akkoli K.M., Banapurmath N.R., Shivashimpi M.M., Soudagar M.E.M., Badruddin I.A., Alazwari M.A., Yaliwal V.S., Mujtaba M.A., Akram N., Goodarzi M., Safaei M.R., Venu H.	Effect of injection parameters and producer gas derived from redgram stalk on the performance and emission characteristics of a diesel engine	Alexandria Engineering Journal	60	3	2021	48
Desai P., Pujari J., Sujatha C., Kamble A., Kambli A.	Hybrid Approach for Content-Based Image Retrieval using VGG16 Layered Architecture and SVM: An Application of Deep Learning	SN Computer Science	2	3	2021	13

Prashanth M., B H, Gouda P.S.S., Manjunatha T.S., Banapurmath N.R., Edacheriane A.	Understanding the impact of fiber orientation on mechanical, interlaminar shear strength, and fracture properties of jute–banana hybrid composite laminates	Polymer Composites	42	10	2021	8
Desai P., Pujari J., Akhila, Sujatha C.	Impact of Multi-Feature Extraction on Image Retrieval and classification Using Machine Learning Technique	SN Computer Science	2	3	2021	8
Harari P.A., Yaliwal V.S., Banapurmath N.R.	Effect of CNG and CBG as low reactivity fuels along with diesel and TPME as high reactivity fuels in RCCI mode of combustion by varying different loads	Materials Today: Proceedings	47		2021	8
Yaliwal V.S., Banapurmath N.R.	Combustion and emission characteristics of a compression ignition engine operated on dual fuel mode using renewable and sustainable fuel combinations	SN Applied Sciences	3	1	2021	7

Watgave S., Banapurmath N.R., Harari P.	Comparative Study on Effect of Hydrogen and Hydrogen Blended Compressed Natural Gas on Compression Ignition Engine Operated under Homogeneous Charge Compression Ignition and Reactivity Controlled Compression Ignition Mode of Combustion	SAE Technical Papers		2021	2021	6
Gaddigoudar P.S., Banapurmath N.R., Basavarajappa Y.H., Yaliwal V.S., Harari P.A., Nataraja K.M.	Effect of injection timing on the performance of Ceiba Pentandra biodiesel powered dual fuel engine	Materials Today: Proceedings	49		2021	6
Lagashetty A., Ganiger S.K., Preeti R.K., Reddy S.	Green synthesis, characterization and antibacterial study of ag-au bimetallic nanocomposite using tea powder extract	Biointerface Research in Applied Chemistry	11	1	2021	6
Hallad S.A., Banapurmath N.R., Yunus Khan T.M., Umarfarooq M.A., Soudagar M.E.M., Hunashyal A.M., Gujjar S.V., Yaradoddi J.S., Ganachari S.S., Elfasakhany A., Siddiqui M.I.H., Ali M.A.	Statistical analysis of polymer nanocomposites for mechanical properties	Molecules	26	14	2021	5

Yaliwal V.S., Banapurmath N.R., Gaddigoudar P., Patil N.D., Harari P.A.	Performance and emission characteristics of a diesel engine operated on diverse modes using renewable and sustainable fuels derived from dairy scum and municipal solid waste	Materials Today: Proceedings	47		2021	5
Hampannavar S., Patil K.N., Manasani S., Udaykumar R.Y., Mandi R.P., Nandakumar C.	Wind Potential Assessment for Micropower Generation in Tropical Wet Climate of India	Lecture Notes in Electrical Engineering	699		2021	5
Mane K.M., Kulkarni D.K., Prakash K.B.	Near-Surface and Chloride Permeability of Concrete Using Pozzolanic Materials and Manufactured Sand as Partial Replacement of Fine Aggregate	Iranian Journal of Science and Technology - Transactions of Civil Engineering	45	3	2021	4
Harari P.A., Banapurmath N.R., Yaliwal V.S., Yunus Khan T.M., Badruddin I.A., Kamangar S., Mahlia T.M.I.	Effect of injection timing and injection duration of manifold injected fuels in reactivity controlled compression ignition engine operated with renewable fuels	Energies	14	15	2021	4
Mane K.M., Kulkarni D.K., Prakash K.B.	Prediction of shear strength of concrete produced by using pozzolanic materials and partly replacing NFA by MS using ANN	Journal of Engineering, Design and Technology	19	2	2021	4

Akkoli K.M., Banapurmath N.R., Suresh G., Soudagar M.E.M., Yunus Khan T.M., Baig M.A.A., Mujtaba M.A., Hossain N., Shahapurkar K., Elfasakhany A., Alsehli M., Yaliwal V.S., Goudadi S.A.	Effect of producer gas from redgram stalk and combustion chamber types on the emission and performance characteristics of diesel engine	Energies	14	18	2021	3
Umarfarooq M.A., Shivakumargouda P.S., Veeresh Kumar G.B., Kodancha K.G.	An assessment on the residual stress measurement in FRP composites using relaxation techniques	Iranian Journal of Materials Science and Engineering	18	3	2021	3
Hunashimarad B.G., Bhat J.S., Raghavendra P.V., Bhajantri R.F.	Photoluminescence in Strontium doped tin oxide thin films	Optical Materials	114		2021	3
Muralidhara D.M., Banapurmath N.R., Udayaravi M., Reddy C.P., Harari P.A., Karthik T.	Effect of hydrogen flow rates on the performance of two biodiesels fuelled dual fuel engine	Materials Today: Proceedings	49		2021	3
Saibannavar D., Math M.M., Kulkarni U.	A Survey on On-Board Diagnostic in Vehicles	EAI/Springer Innovations in Communication and Computing			2021	3
Madni M.S., Vijaya C.	Hand Gesture Recognition using Auto Encoder with Bi-direction Long Short Term Memory	International Journal of Intelligent Engineering and Systems	14	6	2021	2
Madni M.S., Vijaya C.	Hand Gesture Recognition using Semi Vectorial Multilevel Segmentation Method with Improved ReliefF Algorithm	International Journal of Intelligent Engineering and Systems	14	3	2021	2

Viraktamath S.V., Tallur K., Bhadavankar R., Vidya	Review on detection of fake currency using image processing techniques	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			2021	2
Abdulkhadar U.M., Gouda P.S.S., Shirahatti A., Kumar G.B.V., Banapurmath N.R.	Effect of ply orientation on residual stresses and their influence on mode-I fracture toughness of glass-epoxy composites with 0°//0° crack interface	Iranian Journal of Materials Science and Engineering	18	4	2021	1
Mane K.M., Joshi A.M., Kulkarni D.K., Prakash K.B.	Study of shrinkage characteristics of concrete made with pozzolanic materials and partly replacing River sand by MS	Journal of Building Pathology and Rehabilitation	6	1	2021	1
Vadavadagi B.H., Bhujle H.V., Khatirkar R.K.	Correction to: Role of Texture and Microstructural Developments in the Forming Limit Diagrams of Family of Interstitial Free Steels (Journal of Materials Engineering and Performance, (2021), 30, 11, (8065-8078), 10.1007/s11665- 021-05992-x)	Journal of Materials Engineering and Performance	30	11	2021	1
Vadavadagi B.H., Bhujle H.V., Khatirkar R.K.	Role of Texture and Microstructural Developments in the Forming Limit Diagrams of Family of Interstitial Free Steels	Journal of Materials Engineering and Performance	30	11	2021	1

Kumar G.B.V., Gouda P.S.S., Umarfarooq M.A., Polayya C.	Influence of MWCNTs on mechanical and viscoelastic properties of glass-carbon epoxy composite	AIP Conference Proceedings	2408		2021	1
Hegde V.S., Krishnaprasad P.A., Shalini G., Rajawat A.S.	Granulometric dynamics of the coastal sediments of the Central West coast of India: Insight into morpho-tectonic influences on the beach processes	Catena	204		2021	1
Joshi S.S., Biradar S.R.	CdIn-cluster distance based data forwarding and optimal leader election using fuzzy inference in wireless network	Indian Journal of Computer Science and Engineering	12	4	2021	1
Sandhya S.V., Joshi S.M.	Routing Protocol for Ensuring Quality of Services for Real-Time traffic	2021 International Conference on Intelligent Technologies, CONIT 2021			2021	1
Nayak S., Sureban M., Kappali M.	Customised compressed air energy storage model for rural household application	Proceedings of the 7th International Conference on Electrical Energy Systems, ICEES 2021			2021	1
Tatagar A.M., Moodi J.I., Abbar J.C., Phaniband M.A.	Photocatalytic activity and anti-microbial application of synthesized Zinc oxide nanoparticles (ZnO Nps) towards remediation of hospital waste water (HWW)	Materials Today: Proceedings	49		2021	1
Hosamani S.M., Shirkol S., Jinagouda P.B., Krzywkowski M.	Degree equitable restrained double domination in graphs	Electronic Journal of Graph Theory and Applications	9	1	2021	1

Maruthi Prashantha B.H., Manjunatha T.S., Shiva Kumar Gouda P.S., Edacherian A.	Improved mechanical properties of jute-banana fiber phenol formaldehyde composites through low-cost portable hot pressing machine	Materials Performance and Characterization	10	1	2021	1
Kulkarni U.M., Kenchannavar H.H., Kulkarni U.P.	Self-organising map-based dynamic decision-making algorithm for heterogeneous wireless sensor network	International Journal of Parallel, Emergent and Distributed Systems	36	4	2021	1
Kenchannavar H.H., Perur S.D., Kulkarni U.P., Hegde R.	Statistical Analysis of Stress Levels in Students Pursuing Professional Courses	Smart Innovation, Systems and Technologies	195		2021	1
Patil B., Biradar S.R.	LIGHT WEIGHT HYBRID CHAOTIC BASED ENCRYPTION SCHEME FOR IMAGE TRANSMISSION IN WIRELESS MULTIMEDIA SENSOR NETWORK	Indian Journal of Computer Science and Engineering	12	6	2021	
Joshi K., Navalgund L., Rathod K., Shet V.B., Srinikethan G., Shet T., Rachitha U., Anand A.	Biofilm characterization in removal of total chemical oxygen demand and nitrate from wastewater using draft tube spouted bed reactor	Biotechnology Letters	43	10	2021	
Parmar S.T., Kanitkar A., Sepehri N., Bhairannawar S., Szturm T.	Computer game-based telerehabilitation platform targeting manual dexterity: Exercise is fun. "you are kidding—right?"	Sensors	21	17	2021	

Raghavendra S., Kumar C.S.C., Kumar D.J.M., Al-Ghorbani M., Alsalmeh A., Quah C.K., Raghavendra P.V., Serrao F.J., Dharmaprakash S.M.	Polymorphic donor–acceptor substituted chalcone: structural, spectral, dielectric and nonlinear optical properties for optical limiting applications	Chemical Papers	75	9	2021	
Lokeshwari N., Keshava J., Krishna K., Govindan S., Sampagaon N., Manoj K., Aishwaraya S.	Chemical characterization and source apportionment of ambient PM10 in Hubli-Dharwad region, Karnataka, India	Research Journal of Chemistry and Environment	25	8	2021	
Vadavadagi B.H., Bhujle H.V., Khatirkar R.K., Shekhawat S.K.	Microstructural correlation with formability aspects of low carbon steels during deep drawing operations	Materials Characterization	178		2021	
Himabindu N., Hampannavar S., Swapna M., Patil K.N.	Wind speed assessment and techno-economic analysis of a community microgrid in warm and humid climate zone of India	EUROCON 2021 - 19th IEEE International Conference on Smart Technologies, Proceedings			2021	
Ranadev M.B., Sheelavant V.R., Chakrasali R.L.	Modeling of 3- ϕ Induction Motor and Analysis using Numerical Methods	2021 International Conference on Intelligent Technologies, CONIT 2021			2021	
Singh M., Sarangi S., Srinivasan R., Balakrishnan S., Hegde V.S.	Zircon SHRIMP U–Pb geochronology, geochemical and Nd isotope systematics of Neoproterozoic granitoids, Gadag Greenstone Belt, Dharwar Craton, southern India: Petrogenesis and tectonic significance	Journal of Earth System Science	130	2	2021	

Hedge V.S., Corfu F., Frimmel H.E., Sawkar R.H., Korkoppa M.M.	Neoproterozoic Felsic Volcanic Rocks in Tracing Evolution of Arcs: An Insight from Geochemical Data of the Gadag Schist Belt, Western Dharwar Craton	Journal of the Geological Society of India	97	4	2021	
Nikkam P.S., Nandibewoor A., Qazi A., Sakri L.I., Nargund V., Sajjanar A., Porwal S., Bhosale S., Ghorpade P.	Comparative Analysis of DIP Techniques to Detect Leaf Diseases in Tomato Plant	IOP Conference Series: Materials Science and Engineering	1065	1	2021	
Navalgund L., Joshi K., Srinikethan G., Shet V.B., Hosamane S.N.	'RS' and 'GIS' based air quality atlas with integrated land use and land cover change analysis in India	Journal of Environmental Engineering and Science	16	3	2021	
Salavi R., Salavi R., Math M.M., Kulkarni U.P.	A Comprehensive Survey of Fully Homomorphic Encryption from Its Theory to Applications	Cyber Security and Digital Forensics			2021	
Viraktamath S.V., Sajjanar T.P., Angadi A.A., Nabhapur S.S., Sunanda G.	The Impact of Mixed Reality in Education System-the Classroom Environment	2021 International Conference on Circuits, Controls and Communications, CCUBE 2021			2021	
Mansani S., Hampannavar S., Patil K.N., Narayan K.V.L., Bairwa B., Ayenew E.	Wind Speed Assessment of Three Climate Zones of Ethiopia	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021			2021	

Gavade P.A., Bhat V., Pujari J.	Facial Expression Recognition in Videos by learning Spatio-Temporal Features with Deep Neural Networks	Proceedings of the IEEE International Conference Image Information Processing	2021- November		2021	
Mokashi B., Bhat V.S., Pujari J.D., Lalith Sagar J.	Dual Watermarking Technique for Image Authentication using Biometrics	2021 IEEE Mysore Sub Section International Conference, MysuruCon 2021			2021	
Tatagar A.M., Moodi J.I., Abbar J., Kulkarni P., Phaniband M.A.	Study of induced amplification of antibacterial activity of ciprofloxacin on coupling with ZnO nanoparticles (ZnONp)	Materials Today: Proceedings	49		2021	
Hanapur I.M., Hiremath S.S., Banapurmath N.R., Yaliwal V.S., Harari P.A.	Design optimization of strain gauge mounting cross section length of strain gauge balance component for wind tunnel application	Materials Today: Proceedings	49		2021	
Joshi S.S., Biradar S.R.	A novel golden eagle optimizer based trusted ad hoc on-demand distance vector (geo-taodv) routing protocol	International Journal of Computer Networks and Applications	8	5	2021	
Masalvad S.S., Yadav A., Hubballi S., Sakare P.K.	Engineering Compartment of Clays Motleyed with Rice Pericarp Slag (RPS)	Lecture Notes in Mechanical Engineering			2021	
Shirakol S.K., Hiremath V., Kerur S.S.	FPGA-Based Implementation of Digital Filters for Image Denoising	Lecture Notes in Electrical Engineering	750		2021	

Shetty N., R.L C.	Grid – connected operation and performance of hybrid DG having PV and PEMFC	Circuit World	47	3	2021	
Nidagundi J.C.	Design of I/O Interface for DDR2 SDRAM Transmitter Using gpdk 180 nm Technology	Communications in Computer and Information Science	1368		2021	
Herur S.M., Kerur S.S., Hadimani H.C.	Machine Learning-Based Implementation of Image Corner Detection Using SVM Algorithm for Biomedical Applications	Lecture Notes in Electrical Engineering	692		2021	
Yaliwal V.S., Daboji S.R., Patil K.N., Marikatti M.K., Banapurmath N.R.	Multiple Optimizations of Engine Parameters of Single-Cylinder Four-Stroke Direct Injection Diesel Engine Operated on Dual Fuel Mode Using Biodiesel-Treated and Untreated Biogas Combination	Lecture Notes in Mechanical Engineering			2021	
Malagi R.R., Havanur V.K.	Fatigue Life Analysis of Glass Fiber Reinforced Epoxy Composite Using Rotating Bending Fatigue Test Machine	Lecture Notes in Mechanical Engineering			2021	
Harari P.A., Banapurmath N.R., Yaliwal V.S., Khan T.M.Y., Soudagar M.E.M., Sajjan A.M.	Experimental studies on performance and emission characteristics of reactivity controlled compression ignition (RCCI) engine operated with gasoline and Thevetia Peruviana biodiesel	Renewable Energy	160		2020	31

Pujar P.M., Kenchannavar H.H., Kulkarni R.M., Kulkarni U.P.	Real-time water quality monitoring through Internet of Things and ANOVA-based analysis: a case study on river Krishna	Applied Water Science	10	1	2020	25
Marikatti M., Banapurmath N.R., Yaliwal V.S., Basavarajappa Y.H., Soudagar M.E.M., Márquez F.P.G., Mujtaba M.A., Fayaz H., Naik B., Yunus Khan T.M., Afzal A., EL-Seesy A.I.	Hydrogen injection in a dual fuel engine fueled with low-pressure injection of methyl ester of thevetia peruviana (metp) for diesel engine maintenance application	Energies	13	21	2020	23
Halewadimath S.S., Yaliwal V.S., Banapurmath N.R., Sajjan A.M.	Influence of hydrogen enriched producer gas (HPG) on the combustion characteristics of a CRDI diesel engine operated on dual-fuel mode using renewable and sustainable fuels	Fuel	270		2020	16
Rao A., Kulkarni S.B.	A Hybrid Approach for Plant Leaf Disease Detection and Classification Using Digital Image Processing Methods	International Journal of Electrical Engineering Education			2020	15
Lagashetty A., Ganiger S.K., R. K. P., Reddy S., Pari M.	Microwave-assisted green synthesis, characterization and adsorption studies on metal oxide nanoparticles synthesized using: Ficus Benghalensis plant leaf extracts	New Journal of Chemistry	44	33	2020	10

Patil K.N., Kaushik S.C., Aggarwal A.	Evaluation of Natural Ventilation Potential for Indoor Thermal Comfort in a Low-Rise Building in Arid and Semi-arid Climates of India	Lecture Notes in Civil Engineering	36		2020	7
Corfu F., Hegde V.S.	U–Pb systematics of the western Dharwar Craton - Glimpses of a billion year history of crustal evolution and relations to ancient supercratons	Journal of South American Earth Sciences	102		2020	6
Debnath A., Patil S.S., Nadiger G., Ganesan R.A.	Low-Resource End-to-end Sanskrit TTS using Tacotron2, WaveGlow and Transfer Learning	2020 IEEE 17th India Council International Conference, INDICON 2020			2020	5
Bhairannawar S.S., Sarkar S., Raja K.B.	FPGA Implementation of Optimized Karhunen–Loeve Transform for Image Processing Applications	Journal of Real-Time Image Processing	17	2	2020	5
Nayana, Chakrasali R.L.	Operation and performance of grid connected proton exchange membrane fuel cell with ultra capacitor	International Journal of Dynamics and Control	8	1	2020	5
Akkoli K.M., Gangavati P.B., Banapurmath N.R., Yaliwal V.S.	Comparative study of various biofuel combinations derived from agricultural residues on the performance and emissions of CI engine	International Journal of Sustainable Engineering	13	2	2020	4

Desai A., Sharanaprabhu C.M., Kudari S.K.	Glass/epoxy fiber orientation effects on translaminar fracture toughness under mixed mode(I/II) load using FPB specimen	Frattura ed Integrita Strutturale	14	53	2020	3
Kakhandaki N., Kulkarni S.B.	Identification of normal and abnormal brain hemorrhage on magnetic resonance images	Cognitive Informatics, Computer Modelling, and Cognitive Science: Volume 1: Theory, Case Studies, and Applications			2020	3
Kori P., Vadavadagi B.H., Khatirkar R.K.	Hot deformation characteristics of ASS-304 austenitic stainless steel by tensile tests	Materials Today: Proceedings	28		2020	3
Viraktamath S.V., Umarfarooq A.S., Yallappagoudar V., Hasankar A.P.	Implementation of automated bottle filling system using PLC	Lecture Notes in Networks and Systems	89		2020	3
Desai A., Sharanaprabhu C.M., Kudari S.K.	Experimental investigation to evaluate total energy release rate for unidirectional glass/epoxy composite under Mixed mode-I/II load	Sadhana - Academy Proceedings in Engineering Sciences	45	1	2020	2
Pradeep A.S., Bidkar G.A., Thippesha D., Nagaraj, Spurthi M.P.M., Vishal	Design of Compact Beam-Steering Antenna with a Novel Metasubstrate Structure	2020 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics, DISCOVER 2020 - Proceedings			2020	2

Bhadangkar D.K., Pujari J.D., Yakkundimath R.	Comparison of tuplet of techniques for facial emotion detection	Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud, ISMAC 2020			2020	2
Jahagirdar J.R., Maidur S.R., Kalasad M.N., Patil P.S.	Linear and nonlinear optical investigations of ZnO nanoparticles for optoelectronic applications	AIP Conference Proceedings	2244		2020	2
Nandeesh M., Harishkumar R., Rajashekar C.R., Banapurmath N.R., Yaliwal V.S.	Effect of injection timing on performance, combustion and emission characteristics of dairy scum methyl esters in crdi engine	International Journal of Vehicle Structures and Systems	12	4	2020	2
Joshi S.S., Biradar S.R.	EERP: Energy-efficient routing protocol performance analysis of DSR and AODV for mobile adhoc network	Lecture Notes in Networks and Systems	99		2020	2
Hunashimarad B.G., Bhat J.S., Raghavendra P.V.	Characteristics of spray deposited ZnO:Ca thin films	AIP Conference Proceedings	2265		2020	1
Salunke A., Honnungar S.	Quality grading of areca nuts harvested and processed in Goa using image processing and lab view	AIP Conference Proceedings	2247		2020	1
Mathad S.S., Vijaya C.	Revised architecture for automatic modulation recognition	International Journal of Information Technology (Singapore)	12	2	2020	1

Raikar P., Joshi S.M.	Efficiency comparison of supervised and unsupervised classifier on content based classification using shape, color, texture	2020 International Conference for Emerging Technology, INCET 2020			2020	1
Satish Kumar K.B., Shashidhar N., Basavaraja C., Vishnuvardhan T.K.	Characterization and electron transport properties of polyaniline nanocomposites containing silver chloride nanoparticles embedded on the gelatin surface	Polymer-Plastics Technology and Materials	59	7	2020	1
Kadam A.P., Ankaliki S.G.	Robust Smart Grid Monitoring Network Based on Direct Sequence Spread Spectrum Intelligence	SN Computer Science	1	2	2020	1
Shaikh Y., Parvati V.K., Biradar S.R.	Role of IoT and bigdata analytics in healthcare for disease prediction	2020 International Conference on Convergence to Digital World - Quo Vadis, ICCDW 2020			2020	1
Vaidya A., Joshi S.M.	A Mobile Object Based Energy Efficient Protocol for Master Node Based Wireless Sensor Networks	2020 IEEE International Conference for Innovation in Technology, INOCON 2020			2020	
Yadawad R., Kulkarni U.P.	Novel Information Repository for Smart Environment	2020 IEEE International Conference for Innovation in Technology, INOCON 2020			2020	

Vadavadagi B.H., Bhujle H.V., Khatirkar R.K.	Forming Limit Diagrams of Low-Carbon Steels Obtained Using Digital Image Correlation Technique and Enhanced Formability Predictions Incorporating Microstructural Developments	Journal of Materials Engineering and Performance	29	9	2020	
Basavaraj G.H., Bhat J.S., Raghavendra P.V.	Hydrophobicity of Sr doped SnO ₂ thin films	AIP Conference Proceedings	2244		2020	
Desai A., Sharanaprabhu C.M., Kudari S.K.	Study on translaminar fracture toughness under mixed mode I/II load for (0/45) ^o orientation unidirectional glass/epoxy composite	Materials Today: Proceedings	38		2020	
Nataraja K.M., Banapurmath N.R., Yaliwal V.S., Mathad N.	Performance, emission characteristics of dual fuel engine fuelled with brown briquette biomass and rice bran oil biodiesel	International Journal of Vehicle Structures and Systems	12	4	2020	
Patil S.V., Shirkol S.S., Hosamani S.M.	Hyper terminal wiener index of some dendrimer graphs and detour saturated trees	Palestine Journal of Mathematics	9	2	2020	
Murnal V., Vijaya C.	An analytic potential based velocity saturated drain current, charge and capacitance model for short channel symmetric double gate mosfets	Lecture Notes in Electrical Engineering	672		2020	
Mahalank P., Ramane H.S., Desai A.R.	Degree exponent adjacency polynomial of some graphs	Advances in Mathematics: Scientific Journal	9	3	2020	

Rao A., Kulkarni S.B.	Markov random field classification technique for plant leaf disease detection	International Journal of Computer Aided Engineering and Technology	12	3	2020	
Jayaprakash M.S., Shivakumar K., Shashidhar, Vishnuvardhan T.K.	Viscosity, Miscibility Studies and Mechanical Properties of Pullulan/Poly(vinyl alcohol) Blends at 30 °C and 40 °C	Asian Journal of Chemistry	32	2	2020	