

16. List of Research Projects / Consultancy works

➤ No. of Projects carried out, funding agency, Grant received

S.No	Name of the Project / Endowments, Chairs	Name of the Principal Investigator	Year of Award	Sanctioned Amount in Rs	Name of the Funding Agency
1	Faculty Development Programme (FDP) on BlockChain	Dhanalakshmi R	2020-21	93,000/-	AICTE
2	Incorporating the techniques of Block chain and Artificial Intelligence to face the security and privacy challenges of IT infrastructure (STTP)	Dr. Frank Jayasingh	2020-21	2,91,000/-	AICTE
3	Design and Implementaion of VLSI Chip for Security against side channel attack for IoT/ Cyber Physical Systems (RPS)	Dr. Deepa Jose	2020-21	15,56,955/-	AICTE
4	FDP on Trends and Challenges in EV Echosystem	Dr. P. Deivasundari	2020-21	4,42,000/-	AICTE
5	AI and GIS in surveillance of infectious diseases	Dr. V. Thulasi Bai, Ms. Jeraline Kirubavathy	2020-2021	93,000/-	ATAL AICTE

6	AICTE-Distinguished Chair Professor	Dr. Deepa Jose	2020-2021	50,000/-	AICTE
7	Study Tour of ATAL Tunnel	Dr. Deepa Jose, Mr. Arul Inigo	2020-2021	Rs. 2 Lakhs	ATAL TOUR
8	Seminar on Unequal Pay Gender Discrimination at Workplace	Dr. Jaya	2020-2021	Rs.30,000/-	National Commision for Women
9	FDP on Robotics	Dr. Shankar	2020-2021	Rs.93,000/-	ATAL-AICTE
10	Travel Grant Scheme	PI: Dr. Deepa Jose	2019-20	1,10,333/-	AICTE
11	Spacial Data Intelligence for sustainable urban storm water management	PI: Dr. Thulasi Bai	2019-20	33,10,252/-	DST/NRDMS
12	Experimental & Computational Investigation of pressure field over inner surface of jet tab fixed to the supersonic nozzle exit	PI: Dr.K.Vijayaraja, Dr. R. Asad Ahmed,Mr. S.Venkatramanan	2019-20	21,58,000/-	ARDB
13	STTP	Dr. Deepa Jose	2019-20	4,00,000/-	AICTE STTP
14	MODROBS	Dr. G. Prabhakaran	2019-20	9,00,000/-	MODROBS

Consultancy projects

AY	Title of Consultancy Project	Name of Company to which consultancy is offered	Month & Year of Sanction	Total Amount of Consultancy (INR)
2019-20	ERP Module	Pal Pal, Chennai	July 2019	3,00,000
2020-21	Evaluation of Glaucoma using OCT analysis	Appasamy Associates Pvt. Ltd., Chennai	Sep 2020	3,50,000
	Development of Power Converter for Electrocoagulation Plant	Zero Discharge Tech. Pvt. Ltd., Coimbatore	Dec 2020	3,24,500
2021-22	AR application for VR shopping	Spacezee, Chennai	June 2021	3,00,000
	Developing an Accounting Software for MSME Banking Sector	Bhagya Bankers, Tirunelveli	Dec 2021	50,000
	Smart Metering Plug	Newmark Constructions, Telengana	Dec 2021	20,000
	Chat Module	Spacezee, Chennai	Dec 2021	1,00,000
	EVTOL - pusher type VTOL	Aviac Pvt. Ltd., Telengana	Jan 2022	2,50,000
	Active and sustainable packaging solutions for Mangoes	TVS Flexol (TVS Supply Chain), Chennai	Feb 2022	3,60,000
	Development of a Composite Pusher type Fixed wing VTOL Remotely piloted Aircraft System	Aviac Pvt. Ltd., Telengana	Mar 2022	1,60,000
	PCB Design, Fabrication, Soldering and testing	Eeshu Labs, Chennai	May 2022	2,43,000
TOTAL				24,57,500

(19-20)

Name of the non-government funding agencies/ individuals	Funds/ Grants received in Rs.	Initiative
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JK Geotech,	4500	Soil Test work carried out for the work of Reconstruction of Bridge at KM 0/6 of GST Road to Pazhayanoor Harijan Colony Road in Chengalpattu Taluk of Kancheepuram District
Chennai	5000	Concrete Mix Design work carried out for the work of Construction of Bridge at KM 3/220 at Chenna Krishnanoor Panchayat in Vellore District
The Executive Engineer,	5000	Concrete Mix Design work carried out for the work of Construction of Bridge at KM 3/220 at Chenna Krishnanoor Panchayat in Vellore District-M20 Mix Design
Vellore	3000	Soil Test work carried out for the work of Reconstruction of Bridge at KM 0/1 of Therazhandhur to Kovilpattu Road in Mayiladudurai of Nagapattinam Division
The Executive Engineer,	3000	Soil Test work carried out for the work of Reconstruction of Bridge at KM 0/6 of Kutthalam to Kukkoor Road in Mayiladudurai of Nagapattinam Division
Vellore	3000	Soil Test work carried out for the work of Reconstruction of Bridge at KM 3/4 of Arivelur - Velore Road in Mayiladudurai of Nagapattinam Division
JK Geotech,	3000	Soil Test work carried out for the work of Reconstruction of Bridge at KM 4/10 Akkurmukuttu - Chinnaagudi Road in Mayiladudurai of Nagapattinam Division
Chennai	3000	Soil Test work carried out for the work of Reconstruction of Bridge at KM 2/4 of Kilvelur - Vadagarai Road in Nagapattinam

		Division
JK Geotech,	3000	Soil Test work carried out for the work of Reconstruction of Bridge at KM 14/2 of Pappakoil - Karunganni Road in Nagapattinam Division
Chennai	3000	Soil Test work carried out for the work of Reconstruction of Bridge at KM 5/8 Thirupayathangudi - Thiruchangattangudi Road in Nagapattinam Division
JK Geotech,	3000	Soil Test work carried out for the work of Reconstruction of Bridge at KM 5/10 Thirupayathangudi - Thiruchangattangudi Road in Nagapattinam Division
Chennai	1500	Soil Test work carried out for the work of Reconstruction of Bridge at KM 1/6 Vaipur - Thirupayathangudi Road in Nagapattinam Division
JK Geotech,	1500	Soil Test work carried out for the work of Reconstruction of Bridge at KM 1/6 Thirumurgal - Thuraiyur Road in Nagapattinam Division
Chennai	5000	Concrete Mix Design work carried out for the work of Construction of Minor Bridge at KM1/4 of Pernambut to Ongkuppam Road in Kothapalli Panchayat across Sathkar Kasivu Kalvoy in Pernampattu Block of Vellore District
JK Geotech,	1400	Soil Test work carried out for the work of Development of Old Bus Stand with Commercial Complex and Lodging facilities in Vellore City Municipal Corporation.

Chennai	5000	Concrete Mix Design work carried out for the work of Construction of Minor Bridge at KM1/4 of Pernambut to Ongkuppam Road in Kothapalli Panchayat across Sathkar Kasivu Kalvoy in Pernampattu Block of Vellore District
JK Geotech,	5000	Concrete Mix Design work carried out for the work of Construction of Bridge at KM 3/220 at Chenna Krishnanoor Panchayat in Vellore District- M30 Mix Design
Chennai	70000	Structural Design of Wind Tower Rs 45000/-
JK Geotech,	91100	TOWER FOUNDATION DESIGN for WIND DRIVEN AIR COMPRESSOR SYSTEM
Chennai	5000	Charged - Rs 25,000
JK Geotech,	18900	Extension of Mother Teresa Block in KCG College of Technology- Soil Testing Part 1
Chennai	28503	Analysis and Design of Mezzanine Floor for M/s Sundaram Clayton LCAL Frame
JK Geotech,	5000	Extension of Mother Teresa Block in KCG College of Technology- Concrete Testing
Chennai	13600	Analysis and Design of Mezzanine Floor and Tool Sore Floor
JK Geotech,	152100	Analysis and Design of Mezzanine Floor for M/s Saint Gobain
Chennai	5000	Extension of Mother Teresa Block in KCG College of Technology- Water Testing
The Executive Engineer,	2700	Extension of Mother Teresa Block in KCG College of Technology- Soil Testing Part 2
Vellore	600	Concrete Mix Design work carried out for the work of Construction of Minor Bridge at KM0/2 of Dhanakondapalli to Melgollapalli across Godaru River in Gudiyatham Block of Vellore District.

The Commissioner,	4300	Extension of Mother Teresa Block in KCG College of Technology- Soil Testing Part 2
Vellore Corporation.	6075	Extension of Mother Teresa Block in KCG College of Technology- Soil Testing Part 2
Hyundai Motor India Ltd	400000	Poke Yoke system with Barcode automation inspection machine
TVS Motor Company	270000	TVS head lamp housing assay Machine
GE T&D Ltd. Chennai	236000	VB.NET Training & consultancy
MELSS, Chennai	25200	Report Generation
GAVS Technology Pvt Ltd.	10,000	Water Quality Monitoring

➤ **Publications**

Authors	Title	Year	Source title
Kumar A.M., Kannan M., Nataraj G.	A study on performance, emission and combustion characteristics of diesel engine powered by nano-emulsion of waste orange peel oil biodiesel	2020	Renewable Energy
Kannan K., Radhika D., Nikolova M.P., Andal V., Sadasivuni K.K., Krishna L.S.	Facile microwave-assisted synthesis of metal oxide CdO-CuO nanocomposite: Photocatalytic and antimicrobial enhancing properties	2020	Optik
V R A.P., V J., T M., S M.K., Depoures M.V., D J., G R.	Effect of Silicon Coupling Grafted Ferric Oxide and E-Glass Fibre in Thermal Stability, Wear and Tensile Fatigue Behaviour of Epoxy Hybrid Composite	2020	Silicon
Reddy P.L., Deshmukh K., Kovářík T., Reiger D., Nambiraj N.A., Lakshmipathy R., Khadheer Pasha S.K.	Enhanced dielectric properties of green synthesized Nickel Sulphide (NiS) nanoparticles integrated polyvinylalcohol nanocomposites	2020	Materials Research Express

Baskar M., Ramkumar J., Karthikeyan C., Anbarasu V., Balaji A., Arulananth T.S.	Low rate DDoS mitigation using real-time multi threshold traffic monitoring system	2021	Journal of Ambient Intelligence and Humanized Computing
Raj C.C., Srimurugan V., Flamina A., Prasanth R.	Tuning the carrier density of TiO ₂ nanotube arrays by controlling the oxygen vacancies for improved areal capacitance in supercapacitor applications	2020	Materials Chemistry and Physics
Issac A.C., Thomas T.S.	Whom to appease and whom to circumvent: analyzing knowledge sharing with social networks	2020	Global Knowledge, Memory and Communication
Manigandan S., Vijayaraja K.	Flow Mixing and Screech Characteristics of Elliptical Supersonic Jet	2021	International Journal of Turbo and Jet Engines
Jayababu A., Arumugam V., Rajesh B., Suresh Kumar C.	Investigation of indentation damage resistance on normal and inclined plane of glass/epoxy composite laminates using acoustic emission monitoring	2020	Journal of Composite Materials
Kasiviswanathan S., Vijayan T.B., Simone L., Dimauro G.	Semantic segmentation of conjunctiva region for non- invasive anemia detection applications	2020	Electronics (Switzerland)
Vignesh Kumar M., Padmanaban G., Balasubramanian V.	Role of tool pin profiles on wear characteristics of friction stir processed magnesium alloy ZK60/silicon carbide surface composites [Einfluss von Pinprofilen auf die Verschleißseigenschaften bei der Rührreibbearbeitung von Oberflächenverbundwerkstoffen aus Magnesiumlegierung ZK60/Siliziumkarbid]	2020	Materialwissenschaft und Werkstofftechnik
Bhaskar N., Kumar P.M.	Optimal processing of nearest- neighbor user queries in crowdsourcing based on the whale optimization algorithm	2020	Soft Computing
Dhanalakshmi R., Sri Devi T.	Adaptive cognitive intelligence in analyzing employee feedback using LSTM	2020	Journal of Intelligent and Fuzzy Systems

Prakash A., Krishnaveni R., Dhanalakshmi R.	Continuous user authentication using multimodal biometric traits with optimal feature level fusion	2020	International Journal of Biomedical Engineering and Technology
Santra S., Joby M.	Mixed H_{∞} and passive consensus sampled-data control for nonlinear systems	2020	AIP Advances
Wankhede J., Kumar M., Sambandam P.	Efficient heart disease prediction-based on optimal feature selection using DFCSS and classification by improved Elman-SFO	2020	IET Systems Biology
Bairavel S., Krishnamurthy M.	Novel OGBEE-based feature selection and feature-level fusion with MLP neural network for social media multimodal sentiment analysis	2020	Soft Computing
Nath K., Dhanalakshmi R., Vijayakumar V., Aremu B., Hemant Kumar Reddy K., Xiao-Zhi G.	Uncovering hidden community structures in evolving networks based on neighborhood similarity	2020	Journal of Intelligent and Fuzzy Systems
Palaniappan S., Kirubakaran S., Parthipan V., Rinesh S.	Generation of multiple key based on monitoring the user behavior	2020	Lecture Notes in Networks and Systems
Arockiaraj M., Nancy Delaila J., Abraham J.	Optimal Wirelength of Balanced Complete Multipartite Graphs onto Cartesian Product of {Path, Cycle} and Trees	2021	Fundamenta Informaticae
Joby M., Santra S., Anthoni S.M.	Finite-time contractive boundedness of extracorporeal blood circulation process	2021	Applied Mathematics and Computation
Mahalakshmi G.S., Siva R., Sendhilkumar S.	On the Expressive Power of Scientific Manuscripts	2021	IEEE Transactions on Emerging Topics in Computing
Priya J.S., Femina M.A., Samuel R.A.	APSO-MVS: an adaptive particle swarm optimization incorporating multiple velocity strategies for optimal leader selection in hybrid MANETs	2020	Soft Computing
Prabakeran S., Sethukarasi T.	Optimal solution for malicious node detection and prevention using hybrid chaotic particle dragonfly swarm algorithm in VANETs	2020	Wireless Networks

Saravanan P., Sethukarasi T.	RETRACTED ARTICLE: Optimal Hop Selection Based Novel Trust Based DDoS Attack Removal Framework for Reliable and Secured Transmission of Data in VANETs	2020	Wireless Personal Communications
Feizy J., Es'haghi Z., Lakshmipathy R.	Aflatoxins' Clean-Up in Food Samples by Graphene Oxide– Polyvinyl Poly Pyrrolidone— Hollow Fiber Solid-Phase Microextraction	2020	Chromatographia
Syam Narayanan S., Asad Ahmed R., Varghese J.P., Gopinath S., Paulraj J., Muthukumar M.	Experimental investigation on lift generation of flapping MAV with insect wings of various species	2020	Aircraft Engineering and Aerospace Technology
Muthu G., Thulasi S., Dhinakaran V., Mothilal T.	Performance of solar parabolic dish thermoelectric generator with PCM	2020	Materials Today: Proceedings
Bairavel S., Krishnamurthy M.	User preference and reviews analysis with neural networks for travel recommender systems	2020	International Journal of Engineering Research and Technology
Leonid T.T., Jayaparvathy R.	Statistical–model based voice activity identification for human-elephant conflict mitigation	2021	Journal of Ambient Intelligence and Humanized Computing
Malathy E.M., Praveen Joe I.R., Ajitha P.	Miniaturized Dual-Band Metamaterial-Loaded Antenna for Heterogeneous Vehicular Communication Networks	2021	IETE Journal of Research
Prasath J.S., Ramachandraiah U., Muthukumaran G.	Modified Hardware Security Algorithms for Process Industries Using Internet of Things	2021	Journal of Applied Security Research
Magibalan S., Senthilkumar C., Prabu M., Yuvaraj S., A V B.	Optimization and effect of load, sliding velocity, and time on wear behavior of AA8011- 8 wt.% fly-ash composites	2020	Surface Topography: Metrology and Properties
Chandrasekharan S., Panda R.C., Natrajan Swaminathan B., Panda A., Thyagarajan T.	Parametric identification of integrated model of a coal-fired boiler in a thermal power plant	2020	Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy
Syam Narayanan S., Asad Ahmed R., Joseph A.C.M.	Development of artificial butterflies for the study of endangered asiatic elephants (Elephas maximus maximus) in	2020	International Journal of Scientific and Technology Research

	sri lankan forests		
Muruganandam D., Jayapriya J., Ramakrishnan G., Puthilibai G., Karthick P., Sudhakar M.	Enhancing heat transfer rate in heat exchanger using nano particles of the natural Clay	2020	Materials Today: Proceedings
Kennedy E., Sachin B.S., Ramachandra M., Niranjana C.A., Sriraman N., Jain V.K.S., Sathya Narayanan N.	Effect of ZrO ₂ nano-particles on mechanical and corrosion behaviour of Al2024 alloy	2020	Materials Today: Proceedings
Kothandaraman D., Balasundaram A., Dhanalakshmi R., Sivaraman A.K., Ashokkumar S., Vincent R., Rajesh M.	Energy and bandwidth based link stability routing algorithm for IoT	2022	Computers, Materials and Continua
Kavitha S.R.J., Abraham J., Arockiaraj M., Jency J., Balasubramanian K.	Topological Characterization and Graph Entropies of Tessellations of Kekulene Structures: Existence of Isentropic Structures and Applications to Thermochemistry, Nuclear Magnetic Resonance, and Electron Spin Resonance	2021	Journal of Physical Chemistry A
Akash C., Mahavishnu M., Manikandan E., Manikandan M., Vijayaraja K.	Fabrication and testing of applied-field magneto plasma dynamic thruster with argon propellant	2021	International Journal of Vehicle Structures and Systems
Issac A.C., Issac T.G., Baral R., Bednall T.C., Thomas T.S.	Why you hide what you know: Neuroscience behind knowledge hiding	2021	Knowledge and Process Management
Rajamany G., Rajamany K., Natarajan R.K.	Negative Sequence Current Compensation for Induction Motor Stator Inter-Turn Short Circuit and Off-Diagonal Term in Sequence Impedance Matrix as Fault Indicator	2021	Journal of Electrical Engineering and Technology
Illuri B., Jose D.	Design and implementation of hybrid integration of cognitive learning and chaotic countermeasures for side	2021	Journal of Ambient Intelligence and Humanized Computing

	channel attacks		
Priya J.S., Bhaskar N., Prabakeran S.	Fuzzy with black widow and spider monkey optimization for privacy-preserving-based crowdsourcing system	2021	Soft Computing
Joshua V., Sylvia Grace J., Godwin Emmanuel J., Satish S., Elangovan A.	Spatial mapping of COVID-19 for Indian states using Principal Component Analysis	2021	Clinical Epidemiology and Global Health
Bhaskar N., Kumar P.M., Renjit J.A.	Evolutionary Fuzzy-based gravitational search algorithm for query optimization in crowdsourcing system to minimize cost and latency	2021	Computational Intelligence
Pedipina S., Sankar S., Dhanalakshmi R.	Sentimental analysis on twitter data of political domain	2021	Lecture Notes on Data Engineering and Communications Technologies
Dhanya V.G., Jacob M.S., Dhanalakshmi R.	Twitter-based disaster management system using data mining	2021	Lecture Notes on Data Engineering and Communications Technologies
Thilaka B., Poorani B., Udayabaskaran S.	Performance Analysis of an M/M/1 Queue with Single Working Vacation with Customer Impatience Subject to Catastrophe	2021	Springer Proceedings in Mathematics and Statistics
Amutha Jeevakumari S.A., Mothilal T., Ramesh G., Arun Prakash V.R.	Mechanically toughened EMI shielding natural rubber composite in microwave frequency bands	2021	Plastics, Rubber and Composites
Zakriya G.M., Prakash C., Ramakrishnan G.	Exploration of Jute-HCP Composites Material for Building Environments	2021	Journal of Natural Fibers
Kanipriya M., Krishnaveni R., Krishnamurthy M.	Recognizing Audience Feedback through Facial Expression using Convolutional Neural Networks	2020	International Journal of Engineering Research and Technology
Kannaiyan S., Easwaramoorthy, Kannan K., Andal V.	Synthesis, Characterisation, and Antimicrobial Efficacy of Acid Fuchsin Schiff Base-Modified Silver Nanoparticles	2020	Nanotechnologies in Russia

Krishna A., Gecil Evangelina T., Aravinda L.S., Sharath Kumar N., K N.R., Balashanmugam N., Mamilla R.S.	Synthesis and thermal simulations of novel encapsulated CNT multifunctional thin-film based nanomaterial of SiO ₂ -CNT and TiN-CNT by PVD and PECVD techniques for thermal applications	2020	Diamond and Related Materials
Gayathri R., Deiva Sundari P.	Investigation of dielectric properties of composite nanofluid with surfactant	2020	Digest Journal of Nanomaterials and Biostructures
Bellamkonda Sathyanarayanan V., Jeevarathinam R.P.P., Marudhamuthu K.	A Novel Oppositional Chaotic Flower Pollination Optimization Algorithm for Automatic Tuning of Hadoop Configuration Parameters	2020	Big Data
Priya K., Krishnaveni R., Krishnamurthy M., Bairavel S.	Analyzing social emotions in social network using graph based co-ranking algorithm	2020	International Journal of Technology and Human Interaction
Kasiviswanathan S., Vijayan T.B., John S.	Ridge regression algorithm based non-invasive anaemia screening using conjunctiva images	2020	Journal of Ambient Intelligence and Humanized Computing
Kanipriya M., Krishnaveni R., Bairavel S., Krishnamurthy M.	Aspect based sentiment analysis from tweets using convolutional neural network model	2020	Journal of Advanced Research in Dynamical and Control Systems
Vinotha P., Jose D.	VLSI Implementation of Image Encryption Using DNA Cryptography	2020	Lecture Notes on Data Engineering and Communications Technologies
Gobivel K., Vijay Sekar K.S., Prabhakaran G., Sugin Elankavi R.	Experimental investigations on orthogonal turning of inconel 718 with TiAlN coated tool	2020	Materials Science Forum
Karthick J., Samuel Devadoss R., Sharmila S., Natesan R.	Investigational assessment on gaseous stack emissions from liquid form of fuels under various loading conditions	2020	Pollution Research
Rajamurugu N., Venakatesan J., Dhanapal B., Anbarasi J.	Experimental and computational flow analysis of geometrically modified solar chimney power plant	2020	Journal of the Balkan Tribological Association
Anand R., Niyas K., Gupta S., Revathy S.	Anti-counterfeit on medicine detection using blockchain technology	2020	Lecture Notes in Networks and Systems

Varalakshmi J., Jose D., Kumar P.N.	FPGA implementation of haze removal technique based on dark channel prior	2020	Advances in Intelligent Systems and Computing
Panneerselvam R.G., Sriramulu V., Ramalingam P., Prakash C.	A study on the revival of Jamdani weaving technique and Kalamkari drawing—dyeing processes of traditional Kodali karuppur sarees	2022	Journal of Testing and Evaluation
Jacob M.S., Selvi Rajendran P.	Fuzzy artificial bee colony-based CNN-LSTM and semantic feature for fake product review classification	2022	Concurrency and Computation: Practice and Experience
Balasundaram A., Dilip G., Manickam M., Sivaraman A.K., Gurunathan K., Dhanalakshmi R., Ashokkumar S.	Abnormality identification in video surveillance system using dct	2022	Intelligent Automation and Soft Computing
Bhaskar N., Kumar P.M., Renjit J.A.	HVIATC: Ontology-Based Efficient Query Optimization for Declarative Crowdsourcing System Using OAF Measures	2022	Lecture Notes in Electrical Engineering
Cartagena J.F.M., Jose D., Prasath J.S.	Sizing of Wireless Networks with Sensors for Smart Houses with Coverage, Capacity, and Interference Restrictions	2022	Lecture Notes in Networks and Systems
Panneerselvam R.G., Prakash C.	Study of the required directional color contour option for the controlled weave application in the Jacquard graph designing	2022	Journal of Testing and Evaluation
Gladwin Antony R., Hariharan S., Hari Haran D., Clement Raj C.	Design of solar charging case for mobile phones	2021	Journal of Physics: Conference Series
Praveen S., Pugalenthiran V., Jaraline Kirubavathy K.	Voice controlled shopping trolley navigation with RFID scanner and live billing using IoT	2021	Journal of Physics: Conference Series
Thanzeem Mohamed Sheriff S., Venkat Kumar J., Vigneshwaran S., Jones A., Anand J.	Lung cancer detection using VGG NET 16 architecture	2021	Journal of Physics: Conference Series
Arockia Dhanraj J., Muthiya S.J., Subramaniam M., Salyan S., Chaurasiya P.K., Gopalan A.,	A Comparative Study with J48 and Random Tree Classifier for Predicting the State of Hydraulic Braking System through Vibration Signals	2021	SAE Technical Papers

Anaimuthu S.			
Aparna P., Abhinaya V., Anbarasi D., Balaji V.	New approach to optimize groundwater usage using multi-criteria decision making techniques	2021	Journal of Physics: Conference Series
Swamynathan C., Palanichamy M.K., Jerald A.R.	Performance evaluation on the node mobility with respect to human driver behavior prediction in vehicular ad hoc network using adaptive deer hunting Optimized Link State Routing Protocol	2021	International Journal of Communication Systems
R N.S., V.G G., N D.R., K S.K., K V.	Numerical investigation of critical lip thickness of subsonic co-flowing jet	2021	Aircraft Engineering and Aerospace Technology
Dhanasekar V., Preethi Y., Vishali S., Praveen Joe I.R., Booma Poolan M.	A Chatbot to promote Students Mental Health through Emotion Recognition	2021	Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021
Ammal Dhanalakshmi M., Deivasundari P.	Modular compressed air energy storage system for 5kw wind turbine: A feasibility study	2021	Clean Technologies and Environmental Policy
Priya P., Anuradha T., Prabhu V.V., Saravanan S.	Improving the Performance Efficiency of Village Pond Cleaner Using Arduino in the Basis of Bluetooth Controlled Process	2021	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021
Ahmed R.A., Narayanan S.S., Joseph A.C.M.	Effect of chaotic nature on iphiclus and nearctic flapping mav wings in lift generation using welch power spectral	2021	International Journal of Vehicle Structures and Systems
Rajeshkannan S., Manikandan I., Vigneshkumar M.	Experimental investigation of aluminium hybrid composites reinforced with zns, tio2 and batio3 produced through powder metallurgy	2021	International Journal of Vehicle Structures and Systems
Ahmed R.A., Surya A., Selvan R.T., Ramaiah V., Vignesh K.	Flame stabilization of jet engine combustors for jet fuel with blended biofuels	2021	International Journal of Vehicle Structures and Systems

Raja T., Rajasekar A., Menon A., Dineshkumar V., Jayakumar M.	Tribological and mechanical behaviour of hybrid al 6061 metal matrix composites	2021	International Journal of Vehicle Structures and Systems
Mathavan S., Mothilal T., Andal V., Velukumar V.	Experimental investigation on emission characteristics of diesel n-pentanol blend in homogeneous charged compression ignition engine	2021	International Journal of Vehicle Structures and Systems
Sridevi T., Cloudin S., Mohankumar P.	A survey on internet of vehicles applications, architecture, communication models and challenges	2021	International Journal of Vehicle Structures and Systems
Manishankar V., Harish S., Lakshmanan S., Selvan L.N., Vinodhan R.	Inspection of plant pathogens by using drones	2021	International Journal of Vehicle Structures and Systems
Gopal V., Raja D.M.R., Mayakrishnan J., Hariram V.	Mechanical behaviour of al7075 hybrid composites developed through squeeze casting	2021	International Journal of Vehicle Structures and Systems
Rajeshkannan S., Vigneshkumar M., Gopal V., Ramesh S.	Optimization and mechanical characterization of aa5083 and aa7075 dissimilar aluminium alloy joints produced by friction stir welding	2021	International Journal of Vehicle Structures and Systems
Rammyaa B., Vishvakshen K.S.	CPW fed metamaterial loaded dual-band roof-top antenna for vehicular communications	2021	International Journal of RF and Microwave Computer-Aided Engineering
Agarshana K., Karan P., Leo Celestine S., Vasantha Kumar V.	Naive Bayes Algorithm for Sentiment Analysis on Twitter	2021	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021
Yuvashree E., Preethika S., Nirupama A., Cloudin S.	Product Aspect Ranking Using Sentimental Analysis	2021	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021
Kavinnilaa J., Hemalatha E., Jacob M.S., Dhanalakshmi R.	Stock Price Prediction Based on LSTM Deep Learning Model	2021	2021 International Conference on System, Computation, Automation and

			Networking, ICSCAN 2021
Abhila B., Delphin Periyanayagi M., Koushika M., Joseph M.N., Dhanalakshmi R.	Spam Detection System Using Supervised ML	2021	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021
Prabhakaran G., Rahul V., Sasi Kumar V., Subrahmanyam T.M., Balaji A.	Geo location Based Donor Identification Ification and Request Application Using Gps	2021	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021
Raj Kumar R., Shyam Sundar A., Ruban Haris B., Ragul K., Cloudin S.	Identification of Criminal and Non-Criminal Face Using Deep Learning and Image Processing	2021	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021
Nandhis S., Marrshal Ben Manuel P., Amarthya R., Gokul D., Jacob M.S.	Realtime Face Mask Detection using Machine Learning	2021	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021
Bharath Kumar M., Basit A., Kiruba M.B., Giridharan R., Keerthana S.M.	Road Accident Detection Using Machine Learning	2021	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021
Susithra V., Reshma A., Gope B., Sankar S.	Detection of Anomalous Behaviour in Online Exam towards Automated Proctoring	2021	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021
Nayak B., Thota N.P., Kumar J.D., Dhanalakshmi R., Bairavel S.	Currency Detector for Visually Impaired using Machine Learning	2021	2021 International Conference on System, Computation, Automation and

			Networking, ICSCAN 2021
Joy M.R., Bairavel S., Dhanalakshmi R.	Implementing QR Code-Based Contact Tracing Framework	2021	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021
Rajesh Kumar V., Pradeepan K., Praveen S., Rohith M., Vasantha Kumar V.	Identification of Plant Diseases Using Image Processing and Image Recognition	2021	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021
Swathi S., Saranya E., Prabakaran R.M., Sachin Kumar M., Bairavel S.	Virtual Health Assistant	2021	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021
Selvan S., Joseph J.F., Dinesh Raj K.T., Bertlyn Joseph S.	Analysis and Classification of Active Sludge in wastewater	2021	Journal of Physics: Conference Series
Clement Raj C., Jothi Prakash C.G., Prasanth R.	Engineering electrode/electrolyte interfacial properties of nanotube arrays for high-capacitance supercapacitors	2021	Journal of Materials Science: Materials in Electronics
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Abraham J., Arockiaraj M.	Minimum Linear Arrangement of the Cartesian Product of Optimal Order Graph and Path	2021	Parallel Processing Letters
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Lakshmi N., Krishnamurthy M.	Association rule mining based fuzzy manta ray foraging optimization algorithm for frequent itemset generation from social media	2021	Concurrency and Computation: Practice and Experience
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Kumar S.B., Sekar S.D., Mothilal T., Sivakkumar G., Lavanya R., Meenakshi C.M., Manivannan S.	Experimental investigation on physical properties of banana/E-glass fiber reinforced hybrid interpenetrating polymer network composites	2021	Materials Today: Proceedings
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Gobivel K., Vijaysekar K.S., Prabhakaran G.	Impact of cutting parameters on machining of Ti-6Al-4V alloy: An experimental and FEM approach	2021	International Journal for Simulation and Multidisciplinary Design Optimization
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Mothilal T., Ragothaman G., Joseph Manuel D., Socrates S., Mathavan S.	Analysis on mechanical properties of wood plastic composite	2020	AIP Conference Proceedings

Ragothaman G., Mothilal T., Rajkamal M.D., Kaliappan S., Mathavan S.	Performance and emission characteristics of diesel blended with sweet lime peel oil and corn oil	2020	AIP Conference Proceedings
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JOURNAL ARTICLE

30-October-2023

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
1	Arockiaraj M., Jency J., Maaran A., Abraham J., Balasubramanian K.	Refined degree bond partitions, topological indices, graph entropies and machine-generated boron NMR spectral patterns of borophene nanoribbons	Journal of Molecular Structure	2024	1295		10.1016/j.molstruc.2023.136524
2	Pradeep G., Ramamoorthy S., Krishnamurthy M., Saritha V.	Energy Prediction and Task Optimization for Efficient IoT Task Offloading and Management	International Journal of Intelligent Systems and Applications in Engineering	2024	12	1s	
3	Senthilkumar T., Sivaraju S.S., Ranganayaki V., Anuradha T.	Voltage-Fed single stage inverter for generating systems with Multi-Input inverter using Pulse Width Modulation	Sustainable Energy Technologies and Assessments	2023	60		10.1016/j.seta.2023.103483
4	Sambandam P., Yuvaraj D., Padmakumari P., Swaminathan S.	Spiking Equilibrium Convolutional Neural Network for Spatial Urban Ontology	Neural Processing Letters	2023	55	6	10.1007/s11063-023-11275-4
5	Gobivel K., Vijaysekar K.S.	Assessment of Johnson-Cook material constitutive parameters in finite element simulation of machining Al–SiC metal matrix composite	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2023	45	11	10.1007/s40430-023-04494-2
6	Srilakshmi G., Praveen Joe I.R.	Sports video retrieval and classification using focus u-net based squeeze excitation and residual mapping deep learning model	Engineering Applications of Artificial Intelligence	2023	126		10.1016/j.engappai.2023.107176
7	Panneerselvam R.G., Prakash C., Rashma M., Rajpurohit T.	Computer-Aided Special Stepping Jacquard Graphing for Weaving the Reversible Traditional Jamdani Fabrics Using Discontinuous Inter-turning Extra Weft	Journal of Testing and Evaluation	2023	51	6	10.1520/JTE20230205
8	Nivedha E., Chandrasekar A., Jothi S.	An optimal hybrid AI-ResNet for accurate severity detection and classification of patients with aphasia disorder	Signal, Image and Video Processing	2023	17	8	10.1007/s11760-023-02620-0
9	Karthi M., Jothi S., Chandrasekar A.	The self-adaptive dwarf mongoose optimized bidirectional network approach for enhanced recognition of overlapped English cursive characters	Signal, Image and Video Processing	2023	17	8	10.1007/s11760-023-02680-2
10	Lakshmipathy R., Andar V., Vivekanandan B., Ali D., Goel M.	Fixed-bed column studies for the elimination of Cd ²⁺ ions by native and protonated watermelon rind	Chemical Papers	2023	77	11	10.1007/s11696-023-02972-4

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
11	Sethu S., Kalimuthu M., Nagarajan R., Ismail S.O., Devi K., Muthukannan M., Murali M., Mohammad F., Al-Lohedan H.A.	Thermal, chemical, tensile and morphological characterization studies of bamboo fibre extracted from the indian species bambusa bambos	Materials Research Express	2023	10	10	10.1088/2053-1591/acfd0c
12	Kuppusamy V., Venkatesan H., Jayaraman K., Buragadda K.K.	Effective utilization of cashew nut shell pyro oil blended with optimum amount of Al ₂ O ₃ and TiO ₂ nanoparticles in DI engine	SN Applied Sciences	2023	5	10	10.1007/s42452-023-05486-6
13	Sivaraju S.S., Mani V., Umaamaheshvari A., Divya Banu P., Anuradha T., Srihar S.	An attack resistant physical unclonable function smart optical sensors for internet of things for secure remote sensing	Measurement: Sensors	2023	29		10.1016/j.measen.2023.100882
14	Babu R., Kannappan J., Krishna B.V., Vijay K.	An efficient spam detector model for accurate categorization of spam tweets using quantum chaotic optimization-based stacked recurrent network	Nonlinear Dynamics	2023	111	19	10.1007/s11071-023-08697-z
15	Laila L.R., Karmegam A., Avudaippan S., Flores E.I.S.	Microstructure and Water Retention Kinetics in Autogenous Cured Self-Compacting Concrete Blends Using Super Absorbent Polymer	Polymers	2023	15	18	10.3390/polym15183720
16	Sivaganesh G., Srinivasan K., Fonzin Fozin T., Gladwin Pradeep R.	Boosting of stable synchronization in coupled non-identical counter-rotating chaotic systems	Chaos	2023	33	9	10.1063/5.0165063
17	Sivaganesh G., Srinivasan K., Fozin T.F., Pradeep R.G.	Emergence of chaotic hysteresis in a second-order non-autonomous chaotic circuit	Chaos, Solitons and Fractals	2023	174		10.1016/j.chaos.2023.113884
18	Bharathiraja S., Selvamuthukumaran S., Balaji V.	Energy Efficient Cluster Head Selection and Routing Algorithm using Hybrid Firefly Glow-Worm Swarm Optimization in WSN	KSII Transactions on Internet and Information Systems	2023	17	8	10.3837/tiis.2023.08.010
19	Sivakumar K., Sasikumar S., Krishnamurthy M.	Tree Social Relations Optimization-Based ReLU-BiLSTM Framework for Improving Video Quality in Video Compression	Journal of Circuits, Systems and Computers	2023	32	10	10.1142/S0218126623501797
20	Zakriya G.M., Hemavarthini S., Udaya Krithika S.M., Santhanam S.	Thermal comfort properties of bi-layer knitted fabric for sportswear	Asian Textile Journal	2023	32	7	
21	Udhayakumar A., Mayandi K., Rajini N., Devi R.K., Muthukannan M., Murali M., Ismail S.O., Mohammad F., Al-Lohedan H.A.	Effect of chemical treatment on physico-chemical properties of a novel extracted cellulosic Cryptostegia grandiflora fiber	Materials Research Express	2023	10	7	10.1088/2053-1591/ace29c
22	Buveneswari K., Singanan M.	Adsorptive Removal of Synthetic Dyes from Aqueous Solution using Chrysopogon zizanioides Root based Activated Biocarbon	Research Journal of Chemistry and Environment	2023	27	7	10.25303/2707rjce056064

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
23	Ganesh R.K., Kanthavel R., Dhaya R., Robinson Y.H., Julie E.G., Kumar R., Duong P., Thong P.H., Son L.H.	A New Ontology Convolutional Neural Network for Extorting Essential Elements in Video Mining	Journal of Signal Processing Systems	2023	95	6	10.1007/s11265-023-01864-w
24	Ezil Sam Leni A., Shankar R., Thiagarajan R., Patil V.R.	Block-chain based Secure Data Access over Internet of Health Application Things (IHoT)	KSII Transactions on Internet and Information Systems	2023	17	5	10.3837/tiis.2023.05.010
25	Balamurugan K., Pitchai R., Supraja P., Dhanalakshmi R.	Performance Enhancement of MANET based on Cross-layered Reconfigurable Hierarchical Routing Protocol	Journal of Scientific and Industrial Research	2023	82	3	10.56042/jsir.v82i03.71763
26	Sambandam P., Yuvaraj D., Padmakumari P., Swaminathan S.	Deep attention based optimized Bi-LSTM for improving geospatial data ontology	Data and Knowledge Engineering	2023	144		10.1016/j.datak.2022.102123
27	Clement Raj C., Srimurugan V., Sundheep R., Lakshman N.	Enhanced electrochemical capacitance of a surfactant modified hierarchical Co(OH)2/TiO2 nanotube array for supercapacitor applications	Inorganic Chemistry Communications	2023	148		10.1016/j.inoche.2022.110286
28	V V.K., S S.	Developing a conceptual framework for short text categorization using hybrid CNN- LSTM based Caledonian crow optimization	Expert Systems with Applications	2023	212		10.1016/j.eswa.2022.118517
29	Vijay K., Samuel P., Krishna B.V., Manikandan J.	Exploration of sentiment analysis in twitter propaganda: a deep dive	Multimedia Tools and Applications	2023			10.1007/s11042-023-17383-6
30	Dakshnamoorthy E., Arjunan S., Radhakrishnan A., Gopal A.	Study on the influence of synthesized nano ferrite powder and micron ferrite powder on damping of a single degree of freedom system	Mechanika	2023	29	4	10.5755/j02.mech.32055
31	Sucharitha G., Sitharamulu V., Mohanty S.N., Matta A., Jose D.	Enhancing Secure Communication in the Cloud Through Blockchain Assisted-CP-DABE	IEEE Access	2023	11		10.1109/ACCESS.2023.3312609
32	Vadlamudi B., Anuradha T.	Review of islanding detection using advanced signal processing techniques	Electrical Engineering	2023			10.1007/s00202-023-01967-4
33	Sivaraju S.S., Chitra J., Anuradha T., Pandian A.	An Intelligent Load Balancing Strategy for Energy Cost Minimization in EV Applications	Electric Power Components and Systems	2023			10.1080/15325008.2023.2239217
34	Vinothkumar T., Sivaraju S.S., Thangavelu A., Srihar S.	An energy-efficient and reliable data gathering infrastructure using the internet of things and smart grids	Automatika	2023	64	4	10.1080/00051144.2023.2205724
35	Nalini Joseph L., Anand R.	Intelligent cloud agent based action recognition detection using machine learning	Journal of Intelligent and Fuzzy Systems	2023	44	3	10.3233/JIFS-223018
36	Arulprakasajothi M., Poyyamozhi N., Chandrakumar P., Dilip Raja N., Yuvarajan D.	Experimental investigation of salinity gradient solar pond with nano-based phase change materials	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2023	45	2	10.1080/15567036.2023.2207508

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
37	Kaliappan S., Mothilal T., Natrayan L., Pravin P., Olkeba T.T.	Mechanical Characterization of Friction-Stir-Welded Aluminum AA7010 Alloy with TiC Nanofiber	Advances in Materials Science and Engineering	2023	2023		10.1155/2023/1466963
38	Kaliappan S., Mothilal T., Pravin P., Raja Bharathi B., Esakkiraj E.S.	Evaluation of Mechanical Behaviour of Multiwalled Nanotubes Reinforcement Particles in Jute-Glass Fibres Hybrid Composites	Advances in Materials Science and Engineering	2023	2023		10.1155/2023/2219460
39	Lija R.L., Philips J., Vandhana Devi V.	Influence of waste foundry sand on microstructural and mechanical behavior of self consolidated concrete filled steel columns	Materials Today: Proceedings	2023			10.1016/j.matpr.2023.04.440
40	James J., Devi V.V.	Bauxite residue as a binary additive in lime treated soil composites	Materials Today: Proceedings	2023			10.1016/j.matpr.2023.04.446
41	Sathish Kumar R., Vandhana Devi V., Nivedhitha D.M., Srish Satya S., Visakan S., Bharath Sharma S., Sathish Kumar S.B.	Effect of nanoparticles in natural fiber reinforced polymer composites	Materials Today: Proceedings	2023			10.1016/j.matpr.2023.04.130
42	Vijay Sekar K.S., Gobivel K.	Experimental and numerical investigations in the turning of 42CrMo alloy steel	Materials Today: Proceedings	2023			10.1016/j.matpr.2023.04.105
43	Udhaya S., Vandhana Devi V., Philips J., Lija R.L.	Experimental study on bio-concrete for sustainable construction	Materials Today: Proceedings	2023			10.1016/j.matpr.2023.03.676
44	Vandhana Devi V., Akhila C.K.	Resilience to climate change and environmental perturbations – A road map for Chennai city, India	Materials Today: Proceedings	2023			10.1016/j.matpr.2023.03.288
45	Malathi K., Anandan R., Frank Vijay J.	Cloud Environment Task Scheduling Optimization of Modified Genetic Algorithm	Journal of Internet Services and Information Security	2023	13	1	10.58346/JISIS.2023.11.004
46	Venugopal D., Thangavelu L., Natarajan A.	INVESTIGATION OF GASIFICATION REACTIONS AND H ₂ /CO RATIO ANALYSIS FOR RICE HUSK AIR GASIFICATION SIMULATION	Thermal Science	2023	27	1	10.2298/TSCI220119087V
47	Biban L., Rajeswaran M., Dhanaraj R., Bhai Patel P., Pravin P., Mothilal T.	Adhesion and wear behaviour of bagasse biochar reinforced epoxy composite	Materials Today: Proceedings	2023			10.1016/j.matpr.2023.02.441
48	Arivalagan M., Raghul K.S., Mothilal T., Kumar S., Ravi D., Natrayan L.	Three-point bending and ILSS of high lamina bamboo fibre and polyester resin composite	Materials Today: Proceedings	2023			10.1016/j.matpr.2023.03.006
49	Thyla B., Jaya Soumeyaa P.K., Jennifer T., Maharishi S., Thulasi Bai V.	Design of UWB antenna for wireless capsule endoscopy	Materials Today: Proceedings	2023	80		10.1016/j.matpr.2023.02.128
50	Charukesh S., Gobivel K., Gowtham K., Saikiran E., Kailash Niveshith V.	Understanding the process parameters on milling of Ti/B ₄ C metal matrix composite	Materials Today: Proceedings	2023			10.1016/j.matpr.2023.02.248

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
51	Srilakshmi G., Praveen Joe I.R.	A-DQRBRL: attention based deep Q reinforcement battle royale learning model for sports video classification	Imaging Science Journal	2023	71	3	10.1080/13682199.2023.2180022
52	Anand R.	Trust based COVID-19 vaccine distribution using blockchain technology	Journal of Intelligent and Fuzzy Systems	2023	44	1	10.3233/JIFS-220614
53	Mathavan S., Nagarajan G., Murugan S.	Experimental Analysis for Nitrogen Oxide Reduction in a Diesel Engine by the Hydrogen-Assisted Selective Catalytic Reduction Technique	Advances in Materials Science and Engineering	2023	2023		10.1155/2023/8686871
54	Sadasivam S., Thulasi Bai V.	A compact diamond shaped ultra-wide band antenna system for diagnosing breast cancer	Technology and Health Care	2023	31	1	10.3233/THC-220030
55	Chandrasekar V.K., Pradeep R.G., Mohanasubha R., Senthilvelan M., Lakshmanan M.	Method of deriving Lagrangian for two-dimensional systems	European Physical Journal Plus	2023	138	1	10.1140/epjp/s13360-023-03695-x
56	Yasotha B., Sasikala T., Krishnamurthy M.	Wrapper Based Linear Discriminant Analysis (LDA) for Intrusion Detection in IIoT	Computer Systems Science and Engineering	2023	45	2	10.32604/csse.2023.025669
57	Ashok Kumar R., Indra Prasad B., Bibin C., Jerry Thomas I., Soundararajan G., Darshan P.R., Arunkumar S.	Physical and mechanical characterization of Al7075/Si3N4 metal matrix composite prepared by stir casting technique	Materials Today: Proceedings	2023	80		10.1016/j.matpr.2022.11.096
58	Panneerselvam R.G., Balamurugan D., Prakash C., Raja D.	A study on generating the perspective projection of different weave structures using 3D computer-aided designing tools	Journal of the Textile Institute	2023	114	11	10.1080/00405000.2022.2145449
59	Dhanalakshmi R., Samanta S., Sivaraman A.K., Lee J.G., Balasundaram A., Tanaji S.S., Ravindran P.	Multi-attribute Group Decision-making Based on Hesitant Bipolar-valued Fuzzy Information and Social Network	Computer Systems Science and Engineering	2023	44	3	10.32604/csse.2023.026254
60	Vignesh Kumar M., Veerappan A.R.	Process factors optimisation for friction stir process of ZK 60 magnesium alloy employing Box Behnken approach	Advances in Materials and Processing Technologies	2023	9	2	10.1080/2374068X.2022.2094594
61	Panneerselvam R.G., Prakash C.	Study on the float-control weaves application algorithms of computer-aided jacquard graph designing for different figured fabrics	Journal of the Textile Institute	2023	114	1	10.1080/00405000.2021.2023956
62	Malathy E.M., Praveen Joe I.R., Ajitha P.	Miniaturized Dual-Band Metamaterial-Loaded Antenna for Heterogeneous Vehicular Communication Networks	IETE Journal of Research	2023	69	5	10.1080/03772063.2021.1892539
63	Rekha V.B., Prakash C., Gowri K.	Synthesis and characterization of superabsorbent natural polymers from agro-waste fibres	Indian Journal of Fibre and Textile Research	2022	47	4	10.56042/ijftr.v47i4.54789
64	Sowmya S., Jose D.	Contemplate on ECG signals and classification of arrhythmia signals using CNN-LSTM deep learning model	Measurement: Sensors	2022	24		10.1016/j.measen.2022.100558

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
65	Sundararaj M., Rajamurugu N., Anbarasi J., Yaknesh S., Sathyamurthy R.	Parametric optimization of novel solar chimney power plant using response surface methodology	Results in Engineering	2022	16		10.1016/j.rineng.2022.100633
66	Bharathi C.M., Anitha S., Karthikeyan G., Karthikeyan T., Kumar G.A., Krithika S.M.U., Mani K., Nivetha S.	Sericin treated spunlace fabric for wound healing	Asian Textile Journal	2022	31	11	
67	Partheepan R., Perinbam J.R.P., Krishnamurthy M., Shanker N.R., Kumari S.K., Chinthamani B.	Visualization of occipital lobe and zygomatic arch of brain region through non-linear perspective projection using DCO algorithm	Soft Computing	2022	26	21	10.1007/s00500-022-07427-8
68	Premalatha G., Bai V.T.	Design and implementation of intelligent patient in-house monitoring system based on efficient XGBoost-CNN approach	Cognitive Neurodynamics	2022	16	5	10.1007/s11571-021-09754-2
69	Sarathbabu R.T., Kannan M.	Performance study on the CI engine using LHR and LTC in combination with biodiesel blends	Journal of Engineering Research (Kuwait)	2022	10	3	10.36909/jer.10471
70	Assegie T.A., Rangarajan P.K., Kumar N.K., Vigneswari D.	An empirical study on machine learning algorithms for heart disease prediction	IAES International Journal of Artificial Intelligence	2022	11	3	10.11591/ijai.v11.i3.pp1066-1073
71	Sakthi B.B., Sundari P.D.	Design of coil parameters for inductive type wireless power transfer system in electric vehicles	International Journal of Energy Research	2022	46	10	10.1002/er.8016
72	Mohamed G., Visumathi J., Mahdal M., Anand J., Elangovan M.	An Effective and Secure Mechanism for Phishing Attacks Using a Machine Learning Approach	Processes	2022	10	7	10.3390/pr10071356
73	Ramachandran M., Mirjalili S., Malli Ramalingam M., Charles Gnanakkan C.A.R., Parvathysankar D.S., Sundaram A.	A ranking-based fuzzy adaptive hybrid crow search algorithm for combined heat and power economic dispatch	Expert Systems with Applications	2022	197		10.1016/j.eswa.2022.116625
74	Premalatha G., Bai V.T.	Wireless IoT and Cyber-Physical System for Health Monitoring Using Honey Badger Optimized Least-Squares Support-Vector Machine	Wireless Personal Communications	2022	124	4	10.1007/s11277-022-09500-9
75	Lakshmi N., Krishnamurthy M.	Frequent Itemset Generation Using Association Rule Mining Based on Hybrid Neural Network Based Billiard Inspired Optimization	Journal of Circuits, Systems and Computers	2022	31	8	10.1142/S0218126622501389
76	Merlin B.F., Amrutha R.	Spectroscopic and HLCT Analysis on 4,7-Di(2-Thienyl)-2,1,3-Benzothiadiazole and Its Di-Substituted Derivatives for Development of Potent Hole Transport Material: DFT Approach	Acta Physica Polonica A	2022	141	5	10.12693/APhysPolA.141.445

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
77	Ramachandran M., Mirjalili S., Nazari-Heris M., Parvathysankar D.S., Sundaram A., Charles Gnanakkan C.A.R.	A hybrid Grasshopper Optimization Algorithm and Harris Hawks Optimizer for Combined Heat and Power Economic Dispatch problem	Engineering Applications of Artificial Intelligence	2022	111		10.1016/j.engappai.2022.104753
78	Lakshmi N., Krishnamurthy M.	Association rule mining based fuzzy manta ray foraging optimization algorithm for frequent itemset generation from social media	Concurrency and Computation: Practice and Experience	2022	34	10	10.1002/cpe.6790
79	Parimalasundar E., Jayakumar S., Ravikumar R., Suresh K.	Investigation analysis of open circuit and short circuit fault on cascaded H-bridged multilevel inverter using artificial neural network approach	International Journal of Electrical and Electronics Research	2022	10	2	10.37391/IJEER.100243
80	Abraham J., Arockiaraj M., Jency J., Kavitha S.R.J., Balasubramanian K.	Graph entropies, enumeration of circuits, walks and topological properties of three classes of isorecticular metal organic frameworks	Journal of Mathematical Chemistry	2022	60	4	10.1007/s10910-021-01321-8
81	Sangeetha A.L., Bharathi N., Ganesh A.B., Kalaichitra G.	Internet-mediated automation of a cascade control system-an Engineering laboratory experiment	International Journal of Electrical Engineering and Education	2022	59	2	10.1177/0020720919846819
82	Syam Narayanan S., Asad Ahmed R.	Effect of chord-wise flexibility in the lift generation of flapping MAV with membrane wing	Aircraft Engineering and Aerospace Technology	2022	94	5	10.1108/AEAT-03-2021-0070
83	Subramani N., Sangeetha M., Kengaiyah V., Prakash S.	Numerical modeling on dynamics of droplet in aircraft wing structure at different velocities	Aircraft Engineering and Aerospace Technology	2022	94	4	10.1108/AEAT-04-2021-0115
84	Thaloor Ramesh P., Kengaiyah V., Gutema E.M., Velusamy P., Balamoorthy D.	Development of cost-effective shock tube based on experimental and numerical analysis	Aircraft Engineering and Aerospace Technology	2022	94	4	10.1108/AEAT-04-2021-0122
85	Agoramoorthy M., Praveen Joe I.R.	Hybrid cuckoo-red deer algorithm for multiobjective localization strategy in wireless sensor network	International Journal of Communication Systems	2022	35	4	10.1002/dac.5042
86	Suresh S.S., Raja D., Thiyaneswaran B., Gobinath R., Kumar S.K.S., Panneerselvam R.G., Senthilkumar M.	A novel conductive sensor-based test method to measure longitudinal wicking of fabrics	Indian Journal of Fibre and Textile Research	2022	47	2	10.56042/ijftr.v1i2.54667
87	Thilakavathy J., Amrutha R., Subramanian K., Rajan M.S.M.	Different wave patterns for (2 + 1) dimensional Maccari's equation	Nonlinear Dynamics	2022	108	1	10.1007/s11071-021-07179-4
88	Panneerselvam R.G., Sriramulu V., Ramalingam P., Prakash C.	A study on the revival of Jamdani weaving technique and Kalamkari drawing—dyeing processes of traditional Kodali karuppur sarees	Journal of Testing and Evaluation	2022	50	2	10.1520/JTE20210337

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
89	Bakthavatchalam K., Karthik B., Thiruvengadam V., Muthal S., Jose D., Kotecha K., Varadarajan V.	IoT Framework for Measurement and Precision Agriculture: Predicting the Crop Using Machine Learning Algorithms	Technologies	2022	10	1	10.3390/technologies10010013
90	Thanigaivel S., Vickram S., Saranya V., Ali H., Alarifi S., Kumar Reddy Modigunta J., Anbarasu K., Lakshmi pathy R., Rohini K.	Seaweed polysaccharide mediated synthesis of silver nanoparticles and its enhanced disease resistance in <i>Oreochromis mossambicus</i>	Journal of King Saud University - Science	2022	34	2	10.1016/j.jksus.2021.101771
91	Jacob M.S., Selvi Rajendran P.	Fuzzy artificial bee colony-based CNN-LSTM and semantic feature for fake product review classification	Concurrency and Computation: Practice and Experience	2022	34	1	10.1002/cpe.6539
92	Thomas T.S., Balaji V.	Space Constrained Fast Association Rule Mining with Optimal Support and Confidence Threshold Using Grammatical Evolution: An Effective Nudge in Policymaking	Iranian Journal of Information Processing and Management	2022			10.35050/JIPM010.2022.041
93	Natarajan A., Venugopal D., Thangavelu L.	INVESTIGATION OF BIOMASS GASIFICATION SIMULATION USING AIR, STEAM, AND OXYGEN AS GASIFYING AGENT	Thermal Science	2022	26	6	10.2298/TSCI220207092N
94	Anand R.	Blockchain security in virtual environment	Journal of Intelligent and Fuzzy Systems	2022	43	6	10.3233/JIFS-212619
95	Vinoth Kumar V., Gayathri P., Sankar R., Arunamaheswari C., Prasath R.	Investigation on the Role of Molecular Planarity and Conjugation Effects on Physicochemical Properties of Anthracene and Pyrene Appended meso-5,15-Bis(Thien-2-yl)-10,20-Diphenylporphyrin Triads	Polycyclic Aromatic Compounds	2022			10.1080/10406638.2022.2149566
96	Dhanalakshmi R., Bhavani N.P.G., Raju S.S., Shaker Reddy P.C., Marvaluru D., Singh D.P., Batu A.	Onboard Pointing Error Detection and Estimation of Observation Satellite Data Using Extended Kalman Filter	Computational Intelligence and Neuroscience	2022	2022		10.1155/2022/4340897
97	Kannaiyan S., Easwaramoorthi D., Kannan K., Gopal A., Lakshmi pathy R., Katubi K.M., Almuaikel N.S., Rico I.L.R.	Pisonia Alba Assisted Synthesis of Nanosilver for Wound Healing Activity	Bioinorganic Chemistry and Applications	2022	2022		10.1155/2022/1775198
98	Aswin C.G., Kumareswaran A., Lakshmanan R., Mathavan S., Andal V., Lakshmi pathy R., Rico I.L.R.	Comparative Analysis of NOx Emission Reduction in Engines Using NiCo2O4 Nanoparticles without External Reductant at Low Temperatures: An Experimental Investigation	Journal of Nanomaterials	2022	2022		10.1155/2022/8981350
99	Dhanabalakrishnan K.P., Mathan Kumar N., Mothilal T., Yatika G., Mohammed Ali H., Socrates S.	Influence of nano titanium oxide reinforced Al-7075 matrix composites in stir casting method	Materials Today: Proceedings	2022	69		10.1016/j.matpr.2022.09.202

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
100	Rathan Kumar L., Madhu S., Mothilal T., Pratap Singh D., Mohammed Ali H., Raj Kamal M.D.	Effect of walnut powder reinforcement on the mechanical properties of biodegradable natural flax/hemp fibre-based composites	Materials Today: Proceedings	2022	69		10.1016/j.matpr.2022.09.203
101	Raaj E.P., Bhuvaneshwari K., Lakshmi pathy R., Devi V.V., Rico I.L.R.	Garlic Peel Surface Modification and Fixed-Bed Column Investigations towards Crystal Violet Dye	Adsorption Science and Technology	2022	2022		10.1155/2022/6904842
102	Ravindran S., Reeta Carolin L., Gopal V., Ramesh K., Ravi G., Sathya S.	Influence of nano-TiC content on the properties of Al2024 aluminium metal matrix composites	Materials Today: Proceedings	2022	69		10.1016/j.matpr.2022.07.371
103	Dhanalakshmi R., Rashid J., Kim J., Sivaraman A.K., Naseem U., Vincent R.	A New Method for Centrality Measurement Using Generalized Fuzzy Graphs	Discrete Dynamics in Nature and Society	2022	2022		10.1155/2022/4704409
104	Sarathbabu R.T., Reddy M.L., Kannan M., Balaji R.	Thermodynamic Investigation of a Modified Compression Ignition Engine Fueled by Diesel-Biodiesel-Ethanol Blends	Defence Science Journal	2022	72	2	10.14429/dsj.72.17383
105	Meena R., Thulasi Bai V.	Depression Detection on COVID 19 Tweets Using Chimp Optimization Algorithm	Intelligent Automation and Soft Computing	2022	34	3	10.32604/iasc.2022.025305
106	Arockiaraj M., Jency J., Abraham J., Ruth Julie Kavitha S., Balasubramanian K.	Two-dimensional coronene fractal structures: topological entropy measures, energetics, NMR and ESR spectroscopic patterns and existence of isentropic structures	Molecular Physics	2022	120	11	10.1080/00268976.2022.2079568
107	Tamizhselvi S.P., Vijayalakshmi M.	Dynamic bandwidth estimation and congestion avoidance based on network traffic in mobile cloud	International Journal of Sensor Networks	2022	39	1	10.1504/IJSNET.2022.122978
108	Gobivel K., Vijay Sekar K.S.	MACHINABILITY STUDIES ON THE TURNING OF MAGNESIUM METAL MATRIX COMPOSITES	Archives of Metallurgy and Materials	2022	67	3	10.24425/amm.2022.139686
109	Gobivel K., Vijay Sekar K.S.	Influence of cutting parameters on end milling of magnesium alloy AZ31B	Materials Today: Proceedings	2022	62		10.1016/j.matpr.2022.04.075
110	Vijay Sekar K.S., Gobivel K., Goutham G.R., Elangovan P.P., Babu N.N.	Cutting forces and tool wear studies on machining of Hastelloy X	Materials Today: Proceedings	2022	62		10.1016/j.matpr.2022.04.049
111	Gobivel K., Vijay Sekar K.S.	Investigation on the effect of TiN and Al2O3 coated tools in the Machining of Ti-6Al-4 V alloy	Materials Today: Proceedings	2022	62		10.1016/j.matpr.2022.04.071
112	Rekha V B., Prakash C., T R.	Fabricating a Sanitary Napkin Performance Tester	Journal of Natural Fibers	2022	19	15	10.1080/154440478.2022.2047132
113	Keshav Kumar A.B., Bhuvaneshwari N., Nalini Jayanthi S.	Analysis of indentation size effect behaviour in nonlinear optical LT-TTTS single crystal	Materials Today: Proceedings	2022	62		10.1016/j.matpr.2022.02.439
114	Arunkumar S., Alphin M.S., Edward Kennedy Z., Sriraman N.	DEVELOPMENT OF A CO-EXTRUDED Al-Ti BIMETAL COMPOSITE [RAZVOJ KOEKSTRUDIRANEGA BIMETALNEGA Al-Ti KOMPOZITA]	Materiali in Tehnologije	2022	56	1	10.17222/mit.2021.312

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
115	Prabhu Kavin B., Karki S., Hemalatha S., Singh D., Vijayalakshmi R., Thangamani M., Haleem S.L.A., Jose D., Tirth V., Kshirsagar P.R., Adiqo A.G.	Machine Learning-Based Secure Data Acquisition for Fake Accounts Detection in Future Mobile Communication Networks	Wireless Communications and Mobile Computing	2022	2022		10.1155/2022/6356152
116	Loganathan G., Kannan M.	Optimized Production of Biodiesel Using Internet of Things Sensed Temperature with Hybrid Particle Swarm Optimization	Journal of Chemistry	2022	2022		10.1155/2022/3793739
117	Dhanalakshmi R., Kavisankar L., Balasubramani S.	A Novel Technique using IoT Based Automated Irrigation System for Smart Farming	Journal of Applied Science and Engineering (Taiwan)	2022	25	4	10.6180/jase.202208_25(4).0009
118	Thomas Leonid T., Jayaparvathy R.	Classification of Elephant Sounds Using Parallel Convolutional Neural Network	Intelligent Automation and Soft Computing	2022	32	3	10.32604/IASC.2022.021939
119	Balasundaram A., Dilip G., Manickam M., Sivaraman A.K., Gurunathan K., Dhanalakshmi R., Ashokkumar S.	Abnormality identification in video surveillance system using dct	Intelligent Automation and Soft Computing	2022	32	2	10.32604/iasc.2022.022241
120	Santra S., Joby M., Sathishkumar M., Anthoni S.M.	LMI approach-based sampled-data control for uncertain systems with actuator saturation: application to multi-machine power system	Nonlinear Dynamics	2022	107	1	10.1007/s11071-021-06995-y
121	Wankhede J., Sambandam P., Kumar M.	Effective prediction of heart disease using hybrid ensemble deep learning and tunicate swarm algorithm	Journal of Biomolecular Structure and Dynamics	2022	40	23	10.1080/07391102.2021.1987328
122	Kothandaraman D., Balasundaram A., Dhanalakshmi R., Sivaraman A.K., Ashokkumar S., Vincent R., Rajesh M.	Energy and bandwidth based link stability routing algorithm for IoT	Computers, Materials and Continua	2022	70	2	10.32604/cmc.2022.020744
123	BhanuRekha V., Prakash C., Gowri K.	Characterization of Pulp Extracted from Agro-waste Fibers Using Steam Explosion Technique	Journal of Natural Fibers	2022	19	9	10.1080/15440478.2021.1961342
124	Panneerselvam R.G., Prakash C.	Study of the required directional color contour option for the controlled weave application in the Jacquard graph designing	Journal of Testing and Evaluation	2022	50	1	10.1520/JTE20210069
125	Gunasekar P., Manigandan S., Vijayaraja K., Anderson A., Venkatesh S., Vimal R., Gokulnath R.	Numerical analysis of an automatic deployment to enhance the downforce of the vehicle	International Journal of Ambient Energy	2022	43	1	10.1080/01430750.2019.1670729

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
126	Swamynathan C., Palanichamy M.K., Jerald A.R.	Performance evaluation on the node mobility with respect to human driver behavior prediction in vehicular ad hoc network using adaptive deer hunting Optimized Link State Routing Protocol	International Journal of Communication Systems	2021	34	14	10.1002/dac.4896
127	Kavitha S.R.J., Abraham J., Arockiaraj M., Jency J., Balasubramanian K.	Topological Characterization and Graph Entropies of Tessellations of Kekulene Structures: Existence of Isentropic Structures and Applications to Thermochemistry, Nuclear Magnetic Resonance, and Electron Spin Resonance	Journal of Physical Chemistry A	2021	125	36	10.1021/acs.jpca.1c06264
128	R N.S., V.G G., N D.R., K S.K., K V.	Numerical investigation of critical lip thickness of subsonic co-flowing jet	Aircraft Engineering and Aerospace Technology	2021	93	7	10.1108/AEAT-10-2020-0225
129	Ammal Dhanalakshmi M., Deivasundari P.	Modular compressed air energy storage system for 5kw wind turbine: A feasibility study	Clean Technologies and Environmental Policy	2021	23	7	10.1007/s10098-021-02127-7
130	Ahmed R.A., Narayanan S.S., Joseph A.C.M.	Effect of chaotic nature on iphiclus and nearctic flapping mav wings in lift generation using welch power spectral	International Journal of Vehicle Structures and Systems	2021	13	3	10.4273/IJVSS.13.3.18
131	Rajeshkannan S., Manikandan I., Vigneshkumar M.	Experimental investigation of aluminium hybrid composites reinforced with zns, tio2 and batio3 produced through powder metallurgy	International Journal of Vehicle Structures and Systems	2021	13	3	10.4273/IJVSS.13.3.11
132	Ahmed R.A., Surya A., Selvan R.T., Ramaiah V., Vignesh K.	Flame stabilization of jet engine combustors for jet fuel with blended biofuels	International Journal of Vehicle Structures and Systems	2021	13	3	10.4273/IJVSS.13.3.16
133	Akash C., Mahavishnu M., Manikandan E., Manikandan M., Vijayaraja K.	Fabrication and testing of applied-field magneto plasma dynamic thruster with argon propellant	International Journal of Vehicle Structures and Systems	2021	13	3	10.4273/IJVSS.13.3.17
134	Raja T., Rajasekar A., Menon A., Dineshkumar V., Jayakumar M.	Tribological and mechanical behaviour of hybrid al 6061 metal matrix composites	International Journal of Vehicle Structures and Systems	2021	13	3	10.4273/IJVSS.13.3.21
135	Mathavan S., Mothilal T., Andal V., Velukumar V.	Experimental investigation on emission characteristics of diesel n-pentanol blend in homogeneous charged compression ignition engine	International Journal of Vehicle Structures and Systems	2021	13	3	10.4273/IJVSS.13.3.13
136	Sridevi T., Cloudin S., Mohankumar P.	A survey on internet of vehicles applications, architecture, communication models and challenges	International Journal of Vehicle Structures and Systems	2021	13	3	10.4273/IJVSS.13.3.12
137	Manishankar V., Harish S., Lakshmanan S., Selvan L.N., Vinodhan R.	Inspection of plant pathogens by using drones	International Journal of Vehicle Structures and Systems	2021	13	3	10.4273/IJVSS.13.3.20

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
138	Gopal V., Raja D.M.R., Mayakrishnan J., Hariram V.	Mechanical behaviour of al7075 hybrid composites developed through squeeze casting	International Journal of Vehicle Structures and Systems	2021	13	3	10.4273/IJVSS.13.3.14
139	Rajeshkannan S., Vigneshkumar M., Gopal V., Ramesh S.	Optimization and mechanical characterization of aa5083 and aa7075 dissimilar aluminium alloy joints produced by friction stir welding	International Journal of Vehicle Structures and Systems	2021	13	3	10.4273/IJVSS.13.3.19
140	Rammyaa B., Vishvakshenan K.S.	CPW fed metamaterial loaded dual-band roof-top antenna for vehicular communications	International Journal of RF and Microwave Computer-Aided Engineering	2021	31	8	10.1002/mmce.22740
141	Issac A.C., Issac T.G., Baral R., Bednall T.C., Thomas T.S.	Why you hide what you know: Neuroscience behind knowledge hiding	Knowledge and Process Management	2021	28	3	10.1002/kpm.1677
142	Tamizhselvi S.P., Muthuswamy V.	Delay - aware bandwidth estimation and intelligent video transcoder in mobile cloud	Peer-to-Peer Networking and Applications	2021	14	4	10.1007/s12083-021-01134-1
143	Rajamany G., Rajamany K., Natarajan R.K.	Negative Sequence Current Compensation for Induction Motor Stator Inter-Turn Short Circuit and Off-Diagonal Term in Sequence Impedance Matrix as Fault Indicator	Journal of Electrical Engineering and Technology	2021	16	4	10.1007/s42835-021-00730-8
144	Selvan S., Joseph J.F., Dinesh Raj K.T., Bertlyn Joseph S.	Retraction: Analysis and Classification of Active Sludge in wastewater	Journal of Physics: Conference Series	2021	1916	1	10.1088/1742-6596/1916/1/012016
145	Manigandan S., Vijayaraja K.	Flow Mixing and Screech Characteristics of Elliptical Supersonic Jet	International Journal of Turbo and Jet Engines	2021	38	2	10.1515/tjj-2018-0006
146	Clement Raj C., Jothi Prakash C.G., Prasanth R.	Engineering electrode/electrolyte interfacial properties of nanotube arrays for high-capacitance supercapacitors	Journal of Materials Science: Materials in Electronics	2021	32	8	10.1007/s10854-021-05778-w
147	Priya J.S., Bhaskar N., Prabakeran S.	Fuzzy with black widow and spider monkey optimization for privacy-preserving-based crowdsourcing system	Soft Computing	2021	25	7	10.1007/s00500-021-05657-w
148	Joshua V., Sylvia Grace J., Godwin Emmanuel J., Satish S., Elangovan A.	Spatial mapping of COVID-19 for Indian states using Principal Component Analysis	Clinical Epidemiology and Global Health	2021	10		10.1016/j.cegh.2020.100690
149	Babu I., Jose D.	Countermeasure to protect sensitive information stealthily in remote interchanges using steganography in educational environments	International Journal of Electrical Engineering and Education	2021	58	2	10.1177/0020720918825239
150	Sivakamasundari N., Bharathi N.	Understanding the characteristics of nano mineral oil under nonstandard oscillatory impulse voltage	International Journal of Electrical Engineering and Education	2021	58	2	10.1177/0020720918819232
151	Abraham J., Arockiaraj M.	Minimum Linear Arrangement of the Cartesian Product of Optimal Order Graph and Path	Parallel Processing Letters	2021	31	1	10.1142/S0129626421500043

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
152	Bhaskar N., Kumar P.M., Renjit J.A.	Evolutionary Fuzzy-based gravitational search algorithm for query optimization in crowdsourcing system to minimize cost and latency	Computational Intelligence	2021	37	1	10.1111/coin.12382
153	Dhanalakshmi R., Anuja Mary A., Shrijith D., Vijayaraghavan N.	A study on Covid-19 – Impacting Indian education	Materials Today: Proceedings	2021			10.1016/j.matpr.2021.02.786
154	Abul Hasan M., Raghuveer K., Pandey P.S., Kumar A., Bora A., Jose D., Kshirsagar P.R., Hung B.T., Chakrabarti P., Khanapurkar M.M.	INTERNET OF THINGS AND ITS APPLICATION IN INDUSTRY 4.0 FOR SMART WASTE MANAGEMENT	Journal of Environmental Protection and Ecology	2021	22	6	
155	Niranjana S., Hareesha S.K., Basker I.Z., Anand J.	Smart wearable system to assist asthma patients	Advances in Parallel Computing	2021	39		10.3233/APC210143
156	Bhavadarshini M., Josephine Racheal J., Kamali M., Sankar S., Bhavadarshini M.	Sign language translator using YOLO algorithm	Advances in Parallel Computing	2021	39		10.3233/APC210136
157	Radhakrishnan K.R., Sudalaimuthu T., Dhanalakshmi R.	Survey on erythema migrans, and basal cell carcinoma in computer-aided diagnosis	Advances in Parallel Computing	2021	39		10.3233/APC210135
158	Wankhede J.P., Palaniappan S., Magesh Kumar S.	Heart disease prediction using hybrid random forest model integrated with linear model	Advances in Parallel Computing	2021	39		10.3233/APC210160
159	Ponmalar A., Anand J., Dharshini S., Aishwariya K., Mahalakshmi S., Abinaya S.	Smartphone controlled fingerprint door lock system (SCFDLS)	Advances in Parallel Computing	2021	39		10.3233/APC210164
160	Saranya G., Manikandan V., Balaji J., Kandesh M., Karthikeyan A.	Footstep power generating system	Advances in Parallel Computing	2021	39		10.3233/APC210122
161	Anand J., Gowtham H., Lingeshwaran R., Ajin J., Karthikeyan J.	IoT based smart electrolytic bottle monitoring	Advances in Parallel Computing	2021	39		10.3233/APC210163
162	Jayakumar S., Ranjith Kumar R., Tejswini R., Kavil S.	IoT based health monitoring system	Advances in Parallel Computing	2021	39		10.3233/APC210140
163	Jayakumar S., Lokesh Kumar K., Purva Darshini S.K., Sanjeev D.	Traffic monitoring system using IoT and DL	Advances in Parallel Computing	2021	39		10.3233/APC210141
164	Lakshmipathy R., Balaji G.L., Rico I.L.R.	Removal of Pb ²⁺ ions by ZSM-5/AC Composite in a Fixed-Bed Bench Scale System	Adsorption Science and Technology	2021	2021		10.1155/2021/2013259

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
165	Narayanan S.S., Ahmed R.A.	Effect of Fluid-Structure Interaction on Noise Generation in MAV with Fixed and Flapping Membrane Wing	Journal of Applied Fluid Mechanics	2021	14	6	10.47176/jafm.14.06.32855
166	Andal V., Buvaneswari G., Lakshmipathy R.	Synthesis of CuAl ₂ O ₄ Nanoparticle and Its Conversion to CuO Nanorods	Journal of Nanomaterials	2021	2021		10.1155/2021/8082522
167	Pedipina S., Sankar S., Dhanalakshmi R.	Sentimental analysis on twitter data of political domain	Lecture Notes on Data Engineering and Communications Technologies	2021	66		10.1007/978-981-16-0965-7_17
168	Dhanya V.G., Jacob M.S., Dhanalakshmi R.	Twitter-based disaster management system using data mining	Lecture Notes on Data Engineering and Communications Technologies	2021	66		10.1007/978-981-16-0965-7_16
169	Abraham J., Arockiaraj M.	Minimum layout of hypercubes and folded hypercubes into the prism over caterpillars	International Journal of Computer Aided Engineering and Technology	2021	14	4	10.1504/IJCAET.2021.115353
170	Devanathan R., Balaji G.L., Lakshmipathy R.	Adsorption of Rare Earth Ce ³⁺ and Pr ³⁺ Ions by Hydrophobic Ionic Liquid	Journal of Environmental and Public Health	2021	2021		10.1155/2021/6612500
171	Gobivel K., Vijaysekar K.S., Prabhakaran G.	Impact of cutting parameters on machining of Ti-6Al-4V alloy: An experimental and FEM approach	International Journal for Simulation and Multidisciplinary Design Optimization	2021	12		10.1051/smdo/2021002
172	Brijet Z., Bharathi N.	Design of type-2 fuzzy logic controller for fluid catalytic cracking unit	International Journal of Manufacturing Technology and Management	2021	35	1	10.1504/IJMTM.2021.114700
173	Vijayaraghavan N., Jansirani N., Dare V.R.	Watson crick fuzzy automata with output	Advances in Mathematics: Scientific Journal	2021	10	3	10.37418/amsj.10.3.47
174	Amutha Jeevakumari S.A., Mothilal T., Ramesh G., Arun Prakash V.R.	Mechanically toughened EMI shielding natural rubber composite in microwave frequency bands	Plastics, Rubber and Composites	2021	50	5	10.1080/14658011.2021.1890514
175	Venkatramanan S., Gowtham Gudimella S.H., Thanigaarasu S., Anbarasi J., Vijayaraja K.	Investigation of reduction in base drag using experiment and CFD at subsonic speed regimes	International Journal of Vehicle Structures and Systems	2021	13	1	10.4273/ijvss.13.1.25
176	Arockiaraj M., Nancy Delaila J., Abraham J.	Optimal Wirelength of Balanced Complete Multipartite Graphs onto Cartesian Product of {Path, Cycle} and Trees	Fundamenta Informaticae	2021	178	3	10.3233/FI-2021-2003
177	Baskar M., Ramkumar J., Karthikeyan C., Anbarasu V., Balaji A., Arulananth T.S.	Low rate DDoS mitigation using real-time multi threshold traffic monitoring system	Journal of Ambient Intelligence and Humanized Computing	2021			10.1007/s12652-020-02744-y
178	Joby M., Santra S., Anthoni S.M.	Finite-time contractive boundedness of extracorporeal blood circulation process	Applied Mathematics and Computation	2021	388		10.1016/j.amc.2020.125527

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
179	Prasath J.S., Ramachandraiah U., Muthukumar G.	Modified Hardware Security Algorithms for Process Industries Using Internet of Things	Journal of Applied Security Research	2021	16	1	10.1080/19361610.2020.1736458
180	Zakriya G.M., Prakash C., Ramakrishnan G.	Exploration of Jute-HCP Composites Material for Building Environments	Journal of Natural Fibers	2021	18	11	10.1080/15440478.2019.1697988
181	Mahalakshmi G.S., Siva R., Sendhil Kumar S.	On the Expressive Power of Scientific Manuscripts	IEEE Transactions on Emerging Topics in Computing	2021	9	1	10.1109/TETC.2018.2870179
182	Kanipriya M., Krishnaveni R., Krishnamurthy M.	Recognizing Audience Feedback through Facial Expression using Convolutional Neural Networks	International Journal of Engineering Research and Technology	2020	13	12	
183	Wankhede J., Kumar M., Sambandam P.	Efficient heart disease prediction-based on optimal feature selection using DFCSS and classification by improved Elman-SFO	IET Systems Biology	2020	14	6	10.1049/iet-syb.2020.0041
184	Bairavel S., Krishnamurthy M.	Novel OGBEE-based feature selection and feature-level fusion with MLP neural network for social media multimodal sentiment analysis	Soft Computing	2020	24	24	10.1007/s00500-020-05049-6
185	Priya J.S., Femina M.A., Samuel R.A.	APSO-MVS: an adaptive particle swarm optimization incorporating multiple velocity strategies for optimal leader selection in hybrid MANETs	Soft Computing	2020	24	24	10.1007/s00500-020-05034-z
186	Kannaiyan S., Easwaramoorthy, Kannan K., Andal V.	Synthesis, Characterisation, and Antimicrobial Efficacy of Acid Fuchsin Schiff Base-Modified Silver Nanoparticles	Nanotechnologies in Russia	2020	15	12-Nov	10.1134/S1995078020060208
187	Krishna A., Gecil Evangeline T., Aravinda L.S., Sharath Kumar N., K N.R., Balashanmugam N., Mamilla R.S.	Synthesis and thermal simulations of novel encapsulated CNT multifunctional thin-film based nanomaterial of SiO ₂ -CNT and TiN-CNT by PVD and PECVD techniques for thermal applications	Diamond and Related Materials	2020	109		10.1016/j.diamond.2020.108029
188	Prabakeran S., Sethukarasi T.	Optimal solution for malicious node detection and prevention using hybrid chaotic particle dragonfly swarm algorithm in VANETs	Wireless Networks	2020	26	8	10.1007/s11276-020-02413-0
189	V R A.P., V J., T M., S M.K., Depoures M.V., D J., G R.	Effect of Silicon Coupling Grafted Ferric Oxide and E-Glass Fibre in Thermal Stability, Wear and Tensile Fatigue Behaviour of Epoxy Hybrid Composite	Silicon	2020	12	11	10.1007/s12633-019-00347-7
190	Gayathri R., Deiva Sundari P.	Investigation of dielectric properties of composite nanofluid with surfactant	Digest Journal of Nanomaterials and Biostructures	2020	15	4	
191	Magibalan S., Senthilkumar C., Prabu M., Yuvaraj S., A V B.	Optimization and effect of load, sliding velocity, and time on wear behavior of AA8011- 8 wt.% fly ash composites	Surface Topography: Metrology and Properties	2020	8	4	10.1088/2051-672X/abc60b
192	Merlin B.F., Amrutha R., Chandran P.	Adsorption of s-indacene on silver cluster-DFT approach	Acta Physica Polonica A	2020	138	3	10.12693/APhysPolA.138.447

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
193	Sivachandar K., Thulasi Bai V., Gangatharan N.	Power prediction and suboptimal performance identification of solar panels using machine learning	Journal of Green Engineering	2020	10	9	
194	Kannan K., Radhika D., Nikolova M.P., Andal V., Sadasivuni K.K., Krishna L.S.	Facile microwave-assisted synthesis of metal oxide CdO-CuO nanocomposite: Photocatalytic and antimicrobial enhancing properties	Optik	2020	218		10.1016/j.ijleo.2020.165112
195	Jayababu A., Arumugam V., Rajesh B., Suresh Kumar C.	Investigation of indentation damage resistance on normal and inclined plane of glass/epoxy composite laminates using acoustic emission monitoring	Journal of Composite Materials	2020	54	21	10.1177/0021998320906864
196	Bhaskar N., Kumar P.M.	Optimal processing of nearest-neighbor user queries in crowdsourcing based on the whale optimization algorithm	Soft Computing	2020	24	17	10.1007/s00500-020-04722-0
197	Kasiviswanathan S., Vijayan T.B., Simone L., Dimauro G.	Semantic segmentation of conjunctiva region for non-invasive anemia detection applications	Electronics (Switzerland)	2020	9	8	10.3390/electronics9081309
198	Prasath J.S., Ramachandraiah U.	Embedded system with internet of things for secure monitoring of vehicle accidents	Journal of Green Engineering	2020	10	7	
199	Raj C.C., Srimurugan V., Flamina A., Prasanth R.	Tuning the carrier density of TiO ₂ nanotube arrays by controlling the oxygen vacancies for improved areal capacitance in supercapacitor applications	Materials Chemistry and Physics	2020	248		10.1016/j.matchemphys.2020.122925
200	Andal V., Bhuvaneswari G.	Silver oxide nano-colloid based selective colorimetric sensor for the recognition of cystine in aqueous solution	Materials Research Innovations	2020	24	4	10.1080/14328917.2019.1629733
201	Rajakumari K.E., Kalyan M.S., Bhaskar M.V.	Forward Forecast of Stock Price Using LSTM Machine Learning Algorithm	International Journal of Computer Theory and Engineering	2020	12	3	10.7763/IJCTE.2020.V12.1267
202	Reddy P.L., Deshmukh K., Kovářik T., Reiger D., Nambiraj N.A., Lakshminpathy R., Khadheer Pasha S.K.	Enhanced dielectric properties of green synthesized Nickel Sulphide (NiS) nanoparticles integrated polyvinylalcohol nanocomposites	Materials Research Express	2020	7	6	10.1088/2053-1591/ab955f
203	Bellamkonda Sathyanarayanan V., Jeevarathinam R.P.P., Marudhamuthu K.	A Novel Oppositional Chaotic Flower Pollination Optimization Algorithm for Automatic Tuning of Hadoop Configuration Parameters	Big Data	2020	8	3	10.1089/big.2019.0111
204	Chandrasekharan S., Panda R.C., Natrajan Swaminathan B., Panda A., Thyagarajan T.	Parametric identification of integrated model of a coal-fired boiler in a thermal power plant	Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy	2020	234	4	10.1177/0957650919870383
205	Vinoth K., Ramesh Babu M.	PV module integrated dual boost three-port DC-DC converter-fed T-type multilevel inverter for shunt active power filters	Journal of Testing and Evaluation	2020	49	5	10.1520/JTE20190903

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
206	Kani Priya, Krishnaveni R., Krishnamurthy M., Bairavel S.	Analyzing social emotions in social network using graph based co-ranking algorithm	International Journal of Technology and Human Interaction	2020	16	2	10.4018/IJTHI.2020040103
207	Chacko S., Sumathi R., Narayanan M.K.B., Syam Narayanan S.	Predominant factor prediction to accelerate growth of quick-service restaurants (QSR)	International Journal of Scientific and Technology Research	2020	9	4	
208	Thilaka B., Poorani B., Udayabaskaran S.	Steady state performance measures of an M/M/1 queue with single working vacation subject to catastrophe	International Journal of Advanced Science and Technology	2020	29	5 Special Issue	
209	Kanipriya M., Krishnaveni R., Bairavel S., Krishnamurthy M.	An aspect based sentimental analysis approach using deep neural networks and artificial fish swarm optimization to analyze the sentiments in tweets	International Journal of Advanced Science and Technology	2020	29	3	
210	Syam Narayanan S., Asad Ahmed R., Joseph A.C.M.	Development of artificial butterflies for the study of endangered asiatic elephants (Elephas maximus maximus) in sri lankan forests	International Journal of Scientific and Technology Research	2020	9	3	
211	Feizy J., Es'haghi Z., Lakshmipathy R.	Aflatoxins' Clean-Up in Food Samples by Graphene Oxide–Polyvinyl Poly Pyrrolidone—Hollow Fiber Solid-Phase Microextraction	Chromatographia	2020	83	3	10.1007/s10337-019-03851-5
212	Vignesh Kumar M., Padmanaban G., Balasubramanian V.	Role of tool pin profiles on wear characteristics of friction stir processed magnesium alloy ZK60/silicon carbide surface composites [Einfluss von Pinprofilen auf die Verschleißigenschaften bei der Rührreibbearbeitung von Oberflächenverbundwerkstoffen aus Magnesiumlegierung ZK60/Siliziumkarbid]	Materialwissenschaft und Werkstofftechnik	2020	51	2	10.1002/mawe.201900007
213	Kumar A.M., Kannan M., Nataraj G.	A study on performance, emission and combustion characteristics of diesel engine powered by nano-emulsion of waste orange peel oil biodiesel	Renewable Energy	2020	146		10.1016/j.renene.2019.06.168
214	Syam Narayanan S., Asad Ahmed R., Varghese J.P., Gopinath S., Paulraj J., Muthukumar M.	Experimental investigation on lift generation of flapping MAV with insect wings of various species	Aircraft Engineering and Aerospace Technology	2020	92	2	10.1108/AEAT-04-2019-0076
215	Issac A.C., Thomas T.S.	Whom to appease and whom to circumvent: analyzing knowledge sharing with social networks	Global Knowledge, Memory and Communication	2020	69	2-Jan	10.1108/GKMC-03-2019-0041
216	Ponsubbiah A.R., Ravi D., Sangeetha S.P., Meenambal T., Frieda F.S.	Numerical simulation and experimental investigation on seismic performance of composite structural connection of encased cfst column and reinforced concrete beam with steel ring	Open Construction and Building Technology Journal	2020	14	1	10.2174/1874836802014010309

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
217	Nath K., Dhanalakshmi R., Vijayakumar V., Aremu B., Hemant Kumar Reddy K., Xiao-Zhi G.	Uncovering hidden community structures in evolving networks based on neighborhood similarity	Journal of Intelligent and Fuzzy Systems	2020	39	6	10.3233/JIFS-189150
218	Dhanalakshmi R., Sri Devi T.	Adaptive cognitive intelligence in analyzing employee feedback using LSTM	Journal of Intelligent and Fuzzy Systems	2020	39	6	10.3233/JIFS-189129
219	Prakash A., Krishnaveni R., Dhanalakshmi R.	Continuous user authentication using multimodal biometric traits with optimal feature level fusion	International Journal of Biomedical Engineering and Technology	2020	34	1	10.1504/IJBET.2020.110334
220	Kasiviswanathan S., Vijayan T.B., John S.	Ridge regression algorithm based non-invasive anaemia screening using conjunctiva images	Journal of Ambient Intelligence and Humanized Computing	2020			10.1007/s12652-020-02618-3
221	Bairavel S., Krishnamurthy M.	User preference and reviews analysis with neural networks for travel recommender systems	International Journal of Engineering Research and Technology	2020	13	8	10.37624/ijert/13.8.2020.1896-1900
222	Frankvijay J.	Neuro fuzzy cognitive connection functional point for enterprise network management	International Journal of Enterprise Network Management	2020	11	3	10.1504/IJENM.2020.108722
223	Prasath J.S., Ramachandraiah U., Prabhuraj S., Muthukumaran G.	Internet of things based hybrid cryptography for process data security	Journal of Mathematical and Computational Science	2020	10	6	10.28919/jmcs/4825
224	Sathish S., Kannan M., Sathish Babu R., Johnson Samuel S., Jacob S.	EXPERIMENTAL ANALYSIS of SINGLE REFLECTOR BOX TYPE SOLAR COOKER with THERMO FLUID	Journal of Critical Reviews	2020	7	13	10.31838/jcr.07.13.25
225	Kanipriya M., Krishnaveni R., Bairavel S., Krishnamurthy M.	Aspect based sentiment analysis from tweets using convolutional neural network model	Journal of Advanced Research in Dynamical and Control Systems	2020	12	4	10.5373/JARDCS/V12I4/20201423
226	Karthick J., Samuel Devadoss R., Sharmila S., Natesan R.	Investigational assessment on gaseous stack emissions from liquid form of fuels under various loading conditions	Pollution Research	2020	39		
227	Ramesh S., Vijayakumar N., Natarajan E.	Electrical discharge machining analysis of zirconium powder mixed dielectric on performance of high carbon high chromium steel	Journal of the Balkan Tribological Association	2020	26	1	
228	Rajamurugu N., Venakatesan J., Dhanapal B., Anbarasi J.	Experimental and computational flow analysis of geometrically modified solar chimney power plant	Journal of the Balkan Tribological Association	2020	26	1	
229	Santra S., Joby M.	Mixed H^∞ and passive consensus sampled-data control for nonlinear systems	AIP Advances	2020	10	1	10.1063/1.5135567

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
230	Manigandan S., Vijayaraja K., Gunasekar P., Devipriya J., Nithya S.	Visualization of Mixing and Acoustic Characteristics of Elliptical Throat Jet with Passive Control	Journal of the Chinese Society of Mechanical Engineers, Transactions of the Chinese Institute of Engineers, Series C/Chung-Kuo Chi Hsueh Kung Ch'eng Hsuebo Pao	2019	40	6	
231	Selvam R., Venkatesh P.M., Shanmugapriya M., Manisha S.	An energy conservation opportunity in paper and pulp industry	Journal of Green Engineering	2019	9	4	
232	Devi L.P., Lavanya K.G., Keerthana S.M., Balakrishnan D.	Survey on Healthcare Hazard Control Responsibilities, Practice and Analysis	International Research Journal of Multidisciplinary Technovation	2019	1	6	10.34256/irjmtcon7
233	Gayathri R., Deiva Sundari P., Thakur S., Sarathi R.	Investigation on the dielectric performance of titania nanoparticles and surfactant added mixture of mineral and natural ester oil	Materials Research Express	2019	6	12	10.1088/2053-1591/ab54fd
234	Prasath J.S., Jayakumar S., Karthikeyan K.	Real-time implementation for secure monitoring of wastewater treatment plants using internet of things	International Journal of Innovative Technology and Exploring Engineering	2019	9	1	10.35940/ijitee.A9123.119119
235	Karthikeyan K., Patnaik S.K., Baskar M., Jeyashree E.	A dsPIC based optimal sizing of solar PV plant using ultra capacitors for transient power delivery	Microprocessors and Microsystems	2019	71		10.1016/j.micpro.2019.102893
236	Arockiaraj M., Abraham J., Shalini A.J.	Node set optimization problem for complete Josephus cubes	Journal of Combinatorial Optimization	2019	38	4	10.1007/s10878-019-00443-9
237	Isaac P.J., Amaravadi S., M.S.M K., Cheralathan K.K., Lakshmi pathy R.	Synthesis of zeolite/activated carbon composite material for the removal of lead (II) and cadmium (II) ions	Environmental Progress and Sustainable Energy	2019	38	6	10.1002/ep.13246
238	Vignesh Kumar M., Padamanaban G., Balasubramanian V.	Effect of tool pin profile on microstructure and hardness of magnesium alloy ZK60/ SiCp surface composites fabricated by friction stir processing	Journal of Testing and Evaluation	2019	47	6	10.1520/JTE20180322
239	Prince Jeya Lal L., Ramesh S., Parasuraman S., Natarajan E., Elamvazuthi I.	Compression after impact behaviour and failure analysis of nanosilica-toughened thin epoxy/gfrp composite laminates	Materials	2019	12	19	10.3390/ma12193057
240	Komal Kumar N., Bhavani R., Mohan A., Vigneswari D.	Issk-an integrated self service kiosk for health monitoring and management	International Journal of Scientific and Technology Research	2019	8	9	
241	Arulananth T.S., Goud P., Baskar M.	Institutions-industry – Society collaborative learning bring success in engineering education in India	International Journal of Engineering and Advanced Technology	2019	8	6 Special Issue 3	10.35940/ijeat.F1315.0986S319
242	Nivedhitha P., Sankar S., Dhanalakshmi R.	An efficient hemorrhage detection system using decision tree classifier	International Journal of Recent Technology and Engineering	2019	8	3	10.35940/ijrte.B2499.098319

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
243	Johnson M., Dhanalakshmi R.	Predictive analysis based efficient routing of smart garbage bins for effective waste management	International Journal of Recent Technology and Engineering	2019	8	3	10.35940/ijrte.B2600.098319
244	Anand J., Dhanalakshmi M., Raja Paul Perinpam J.	Smart indication system for spinal cord stress detection	International Journal of Recent Technology and Engineering	2019	8	3	10.35940/ijrte.C5489.098319
245	Jose D., Tamilselvi S., Nirmal Kumar P.	A 1000 Mhz low power and high speed 8-bit flash ADC architecture using 90nm cmos technology	International Journal of Innovative Technology and Exploring Engineering	2019	8	11 Special Issue	10.35940/ijitee.K1003.09811S19
246	Raja A., Thulasibai V., Senthil B.	An enhanced channel estimation technique for CDD OFDM system over time varying channels	Cluster Computing	2019	22		10.1007/s10586-017-1556-2
247	Thilaka B., Poorani B., Udayabaskaran S.	Performance Analysis of an M/M/1 Queue with Close Down Periods, Server under Maintenance Subject to Catastrophe	Applied Mathematics and Information Sciences	2019	13	S1	10.18576/amis/13s136
248	Komal Kumar N., Vigneswari D.	Hepatitis- infectious disease prediction using classification algorithms	Research Journal of Pharmacy and Technology	2019	12	8	10.5958/0974-360X.2019.00636.X
249	Easu D., Siddharthan A., Amrutha R.	Influence of magnetic field strength of hybrid magnet on vibration isolation of quarter car model	Journal of Vibroengineering	2019	21	5	10.21595/jve.2019.19900
250	Lakshmi N., Krishnamurthy M.	Social networking data research using frequent pattern mining and machine learning data	International Journal of Engineering and Advanced Technology	2019	8	6	10.35940/ijeat.F9352.088619
251	Sathyanarayanan D., Krishnamurthy M.	Efficient intelligent generic recommendation knowledge graph in education domain using association rule mining and machine learning	International Journal of Innovative Technology and Exploring Engineering	2019	8	10	10.35940/ijitee.J1166.0881019
252	Femina M.A., Raajagopalan S.P.	Anatomical structure segmentation from early fetal ultrasound sequences using global pollination CAT swarm optimizer-based Chan–Vese model	Medical and Biological Engineering and Computing	2019	57	8	10.1007/s11517-019-01991-2
253	Gopal V., Alphin M.S., Bharanidaran R.	Design of compliant mechanism microgripper utilizing the hoekens straight line mechanism	Journal of Testing and Evaluation	2019	49	3	10.1520/JTE20190091
254	Vinodha S., Thiruppathi K., Lakshmi P.	Design and implementation of controller for ph process at elevated pressure	International Journal of Recent Technology and Engineering	2019	8	2 Special issue 5	10.35940/ijrte.B1024.0782S519
255	Gowtham S., Sreenath G., Sushanth G., Suba R., Balaji M.	Switch fault diagnosis using S-transform on three phase inverter for BLDC drive	International Journal of Recent Technology and Engineering	2019	8	2 Special issue 5	10.35940/ijrte.B1014.0782S519
256	Rathish Babu T.K.S., Balaji V., Krishna A.	Software engineering techniques for block chain technology	International Journal of Recent Technology and Engineering	2019	8	2	10.35940/ijrte.B2719.078219
257	Rammyaa B., Vishvaksean K.S., Poobal S., Krishnan M.M.M.	Coded downlink MIMO MC-CDMA system for cognitive radio network: performance results	Cluster Computing	2019	22		10.1007/s10586-018-1815-x

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
258	Vidhya B., Vidhyapriya R.	Image compression and reconstruction by exemplar based inpainting using wavelet transform on textural regions	Cluster Computing	2019	22		10.1007/s10586-018-1777-z
259	Rammyaa B., Vishvakshenan K.S., Poobal S.	Performance of spectrum sharing cognitive radio network based on MIMO MC-CDMA system for medical image transmission	Cluster Computing	2019	22		10.1007/s10586-017-1290-9
260	Devi V.V., Deepak R.	Modeling of tidal inlet of pulicat lagoon	Indian Journal of Ecology	2019	46	2	
261	Kumar A.S., Tamizhselvi S.P.	Qos-mindful channel allocation in directional wireless sensor networks	International Journal of Engineering and Advanced Technology	2019	8	5	
262	Chithambaramani R., Prakash M., Angel Latha Mary S.	Determining the shortest current flow path using Dijkstra's algorithm in mess circuit	International Journal of Innovative Technology and Exploring Engineering	2019	8	8	
263	Thanigaiarasu S., Naren Shankar R., Rathakrishnan E.	Influence of bypass ratio on subsonic and correctly expanded sonic co-flowing jets with finite lip thickness	Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering	2019	233	7	10.1177/0954410018782511
264	Geethu Mani R.G., Vijayaraghavan G.V., Basheer Ahamed M.	Solid state distributed feedback laser using eosin blue dye	Materials Research Express	2019	6	8	10.1088/2053-1591/ab1f51
265	Manigandan S., Vijayaraja K., Gunasekar P., Nithya S., Devipriya J., Ilangoan N.	Mixing characteristics of elliptical throat sonic jets from orifice and nozzle	International Journal of Ambient Energy	2019	40	4	10.1080/01430750.2017.1399461
266	Thandaiah Prabu R., Thulasi Bai V.	Design of eight element phased array microstrip patch antennas for 5G application	International Journal of Recent Technology and Engineering	2019	8	1	
267	Vidhya Sagar B.S., Raja Paul Perinbam J., Krishnamurthy M., Arunnehr J.	An effective resource management in hadoop cluster using optimized algorithm	International Journal of Recent Technology and Engineering	2019	8	1	
268	Thomas H., Thyla B.	Remote fall tracking using multiple extraction methods and supervised learning	International Journal of Innovative Technology and Exploring Engineering	2019	8	7	
269	Geethalakshmi M., Kavitha G.	Synchronization of a square fuzzy transition probability relation matrix using MATLAB	International Journal of Innovative Technology and Exploring Engineering	2019	8	6	
270	Sathiyarayanan, Sivagnanam R., Smrithisri V.K., Bai V.T.	Smartphone Based Non-Invasive Glucose Monitoring	International Journal of Engineering Trends and Technology	2019	67	3	10.14445/22315381/IJETT-V67I3P223
271	Reddy P.L., Deshmukh K., Chidambaram K., Ali M.M.N., Sadasivuni K.K., Kumar Y.R., Lakshmipathy R., Pasha S.K.K.	Dielectric properties of polyvinyl alcohol (PVA) nanocomposites filled with green synthesized zinc sulphide (ZnS) nanoparticles	Journal of Materials Science: Materials in Electronics	2019	30	5	10.1007/s10854-019-00761-y

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
272	Jayachandra R., Reddy S.R., Lakshmipathy R.	D-Galactose based hydrophobic ionic liquid: A new adsorbent for the removal of Cd 2+ ions from aqueous solution	Environmental Progress and Sustainable Energy	2019	38	s1	10.1002/ep.12948
273	Vigneshkumar M., Padmanaban G., Balasubramanian V.	Influence of Tool Tilt Angle on the Formation of Friction Stir Processing Zone in Cast Magnesium Alloy ZK60/SiCp Surface Composites	Metallography, Microstructure, and Analysis	2019	8	1	10.1007/s13632-018-0507-5
274	Benisha M., Prabu R.T., Bai T.	Evolution of mobile generation technology	International Journal of Recent Technology and Engineering	2019	7	5	
275	Arunkumar M., Kannan M., Murali G.	Experimental studies on engine performance and emission characteristics using castor biodiesel as fuel in CI engine	Renewable Energy	2019	131		10.1016/j.renene.2018.07.096
276	Manigandan S., Vijayaraja K.	Flow field and acoustic characteristics of elliptical throat CD nozzle	International Journal of Ambient Energy	2019	40	1	10.1080/01430750.2017.1360205
277	Rajamany G., Srinivasan S., Rajamany K., Natarajan R.K.	Induction Motor Stator Interturn Short Circuit Fault Detection in Accordance with Line Current Sequence Components Using Artificial Neural Network	Journal of Electrical and Computer Engineering	2019	2019		10.1155/2019/4825787
278	Komal Kumar N., Lakshmi Tulasi R., Vigneswari D.	Investigating dengue outbreak in Tamil Nadu, India	Indonesian Journal of Electrical Engineering and Computer Science	2019	18	1	10.11591/ijeecs.v18.i1.pp502-507
279	Gnanasekar V., Solai Manohar S., Senthil Kumaran M.	Priority-based channel scheduling and route discovery for IWSN applications	Journal of Information Science and Engineering	2019	35	4	10.6688/JISE.201907_35(4).0004
280	Nagendra Babu G., Mehata K.M., Krishnamurthy M.	A multi level lightweight method to find malfunctioning nodes in WSN	Journal of Advanced Research in Dynamical and Control Systems	2019	11	1 Special Issue	
281	Srinivasa Rao K., Ramesh Babu A., Krishna Murthy M.	Extracting the user's interests from web log data using short-period term algorithm	Journal of Advanced Research in Dynamical and Control Systems	2019	11	1 Special Issue	
282	Punithavathy K., Poobal S., Ramya M.M.	Performance evaluation of Machine Learning techniques in lung cancer classification from PET/CT images	FME Transactions	2019	47	3	10.5937/fmet1903418P
283	Punitha L., Devi K.N., Jose D., Sundararajan J.	Design of double edge-triggered flip-flop for low-power educational environment	International Journal of Electrical Engineering Education	2019			10.1177/0020720919865836
284	Balaji A., Sendhilkumar S., Mahalakshmi G.S.	Tracing best semantic path using co-citation proximity analysis	Biblios	2019		74	10.5195/BIBLIOS.2019.349
285	Selvam R., Velavan R., Soundararajan A.	A sustainable energy management soft computing system for photovoltaic/wind hybrid power generation system	International Journal of Environment and Sustainable Development	2019	18	3	10.1504/IJESD.2019.100997
286	Joe I.R.P., Varalakshmi P.	A Multilayered Clustering Framework to build a Service Portfolio using Swarm-based algorithms	Automatika	2019	60	3	10.1080/00051144.2019.1590951

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
287	Praveen Joe I.R., Varalakshmi P.	An analysis on web-service-generated data to facilitate service retrieval	Applied Mathematics and Information Sciences	2019	13	1	10.18576/AMIS/130107
288	Subramani V., Jayavel B., Sengottuvelu R., Lazar P.J.L.	Assessment of microstructure and mechanical properties of stir zone seam of friction stir welded magnesium AZ31B through Nano-SiC	Materials	2019	12	7	10.3390/ma12071044
289	Kareemullah H., Jose D., Nirmal Kumar P., Radha S.	Adopting a low hardware redesigned architectural design for educational environment by using DFE-based 5G communication	International Journal of Electrical Engineering Education	2019			10.1177/0020720919833040
290	Varadaraju P., Nirmalkumar P., Jose D., Kumar N.S.	Content addressable memory as a teaching aid for low-power technique study	International Journal of Electrical Engineering Education	2019			10.1177/0020720919833033
291	Vijay J.F.	Knowledge based non-functional software distinguishing quality effort estimation using fuzzy use case point approach	International Journal of Knowledge Management Studies	2019	10	1	10.1504/IJKMS.2019.097122
292	Madhan M., Prabhakaran G.	Microwave versus conventional sintering: Microstructure and mechanical properties of Al ₂ O ₃ -SiC ceramic composites	Boletín de la Sociedad Española de Cerámica y Vidrio	2019	58	1	10.1016/j.bsecv.2018.06.001
293	Sujesh G., Ramesh S.	Modeling and control of diesel engines: A systematic review	Alexandria Engineering Journal	2018	57	4	10.1016/j.aej.2018.02.011
294	Manigandan S., Vijayaraja K.	Flow field and acoustics characteristics of elliptical jet	Aircraft Engineering and Aerospace Technology	2018	90	9	10.1108/AEAT-04-2017-0111
295	Manigandan S., Vijayaraja K.	Acoustic and mixing characteristic of CD nozzle with inverted triangular tabs	International Journal of Ambient Energy	2018	39	8	10.1080/01430750.2017.1354328
296	Lazar P.J.L., Sengottuvelu R., Natarajan E.	Assessments of secondary reinforcement of epoxy matrix-glass fibre composite laminates through nanosilica (SiO ₂)	Materials	2018	11	11	10.3390/ma11112186
297	Sherin V., Kalaivani M.	Compression behaviour of self compacting concrete columns using high strength steel wires as external confinement	International Journal of Civil Engineering and Technology	2018	9	11	
298	Murugan R., Mohan M.R., Asir Rajan C.C., Sundari P.D., Arunachalam S.	Hybridizing bat algorithm with artificial bee colony for combined heat and power economic dispatch	Applied Soft Computing Journal	2018	72		10.1016/j.asoc.2018.06.034
299	Punithavathy K., Poobal S., Ramya M.M.	SVM based lung cancer classification using texture and fractal features from PET/CT images	Indian Journal of Public Health Research and Development	2018	9	10	10.5958/0976-5506.2018.01290.1
300	Vigneshkumar M., Padmanaban G., Balasubramanian V.	Influence of tool rotational speed on the formation of friction stir processing zone in cast Zk60/SiCp magnesium alloy surface composites	Materials Performance and Characterization	2018	7	6	10.1520/MPC20180056
301	Senthilraja A., Krishnakumar B., Hariharan R., Sobral A.J.F.N., Surya C., John N.A.A., Shanthi M.	Synthesis and characterization of bimetallic nanocomposite and its photocatalytic, antifungal and antibacterial activity	Separation and Purification Technology	2018	202		10.1016/j.seppur.2018.04.015

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
302	Dakshnamoorthy E., Arjunan S., Radhakrishnan A.	Experimental analysis of vibration isolation using hybrid magnet and magnetorheological fluid damper	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2018	40	8	10.1007/s40430-018-1286-2
303	Krishnakumar B., Hariharan R., Pandiyan V., Aguiar A., Sobral A.J.F.N.	Gelatin-assisted g-TiO ₂ /BiOI heterostructure nanocomposites for azo dye degradation under visible light	Journal of Environmental Chemical Engineering	2018	6	4	10.1016/j.jece.2018.06.035
304	Mohan A., Poobal S.	Crack detection using image processing: A critical review and analysis	Alexandria Engineering Journal	2018	57	2	10.1016/j.aej.2017.01.020
305	Viswanathan R., Ramesh S., Subburam V.	Measurement and optimization of performance characteristics in turning of Mg alloy under dry and MQL conditions	Measurement: Journal of the International Measurement Confederation	2018	120		10.1016/j.measurement.2018.02.018
306	Vignesh Kumar M., Padmanaban G., Balasubramanian V.	Sliding Wear Characteristics of Friction Stir Processed CAST ZK60 Magnesium Alloy Under Different Applied Loads	Transactions of the Indian Institute of Metals	2018	71	5	10.1007/s12666-017-1257-9
307	Jesudass Thomas S., Kalaichelvan K.	Comparative study of the effect of surface texturing on cutting tool in dry cutting	Materials and Manufacturing Processes	2018	33	6	10.1080/10426914.2017.1376070
308	Devasangeeth S.D., Balaji G.L., Lakshmipathy R.	Synthesis of surface-functionalized ZnS nanoparticles and its potential application as methylene blue adsorbent	Desalination and Water Treatment	2018	108		10.5004/dwt.2018.21980
309	Inbavalli M., Srinivasan K., Gladwin Pradeep R., Venkatesan A., Murali K.	Dynamics of periodically pulsed driven chua's circuit	Journal of Computational and Theoretical Nanoscience	2018	15	3	10.1166/jctn.2018.7165
310	Ravichandran, Krishnamurthy M.	Near field communication based digital transaction card	Indonesian Journal of Electrical Engineering and Computer Science	2018	9	3	10.11591/ijeecs.v9.i3.pp587-590
311	Sangeetha A.L., Bharathi N., Ganesh A.B., Radhakrishnan T.K.	Particle swarm optimization tuned cascade control system in an Internet of Things (IoT) environment	Measurement: Journal of the International Measurement Confederation	2018	117		10.1016/j.measurement.2017.12.014
312	Kannan R., Solai Manohar S., Senthil Kumaran M.	Nominal features-based class specific learning model for fault diagnosis in industrial applications	Computers and Industrial Engineering	2018	116		10.1016/j.cie.2017.12.027
313	Ravichandran G., Krishnamurthy M.	Design and implementation of smart non-invasive bone conduction ear-plug system	Indonesian Journal of Electrical Engineering and Computer Science	2018	9	2	10.11591/ijeecs.v9.i2.pp249-252
314	R.G. G.M., Basheer Ahamed M.	Energy transfer studies for the liquid and solid state materials of Rhodamine B and Styryl 7 Dye	Optik	2018	154		10.1016/j.ijleo.2017.10.078
315	Inbakumar J.P., Ramesh S.	Mechanical, wear and thermal behaviour of hemp fibre/egg shell particle reinforced epoxy resin bio composite	Transactions of the Canadian Society for Mechanical Engineering	2018	42	3	10.1139/tcsme-2017-0079

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
316	Saravanan P., Sethukarasi T., Indumathi V.	An efficient software defined network based cooperative scheme for mitigation of distributed denial of service (DDoS) attacks	Journal of Computational and Theoretical Nanoscience	2018	15	7-Jun	10.1166/jctn.2018.7440
317	Indumathi V., Ganesan R., Amuthadevi C., Prabakeran S.	In-depth survey to perceiving the effect of kidney dialysis parameters using clustering framework	Journal of Computational and Theoretical Nanoscience	2018	15	7-Jun	10.1166/jctn.2018.7442
318	Sekar S., Kulam S., Selvaraj S., Saravanan P.	An automatic helmet detection and penalty system using image descriptors and classifiers	Journal of Computational and Theoretical Nanoscience	2018	15	7-Jun	10.1166/jctn.2018.7445
319	Saravanan P., Sethukarasi T., Indumathi V.	Authentic novel trust propagation model with deceptive recommendation penalty scheme for distributed denial of service attacks	Journal of Computational and Theoretical Nanoscience	2018	15	7-Jun	10.1166/jctn.2018.7474
320	Golshahr A., Natarajan E., Santhosh M.S., Sasikumar R., Ramesh S., Durairaj R.	Multi wall carbon nanotube reinforced silicone for aerospace applications	International Journal of Mechanical and Production Engineering Research and Development	2018	8	4	10.24247/IJMPERDAUG201880
321	Muthalagu R., Bai V.T., Gracias D., John S.	Developmental screening tool: Accuracy and feasibility of non-invasive anaemia estimation	Technology and Health Care	2018	26	4	10.3233/THC-181291
322	Subramaniam V., Gomathi V.	Congestion management in a restructured power system using solar photovoltaics	International Journal of Engineering and Technology(UAE)	2018	7	4	10.14419/ijet.v7i4.10.20825
323	Cloudin S., Mohan Kumar P.	Adaptive mobility-based intelligent decision-making system for driver behaviour prediction with motion nano sensor in VANET	International Journal of Heavy Vehicle Systems	2018	25	4-Mar	10.1504/IJHVS.2018.094830
324	Sarath Babu R.T., Kannan M.	An experimental investigation on performance of CI engine when using LTC with blending of diesel, biodiesel and ethanol	International Journal of Heavy Vehicle Systems	2018	25	4-Mar	10.1504/IJHVS.2018.094837
325	Ramesh S., Prabu R., Natarajan E.	Experimental investigation of structure, wear, and erosion resistance of ss316 substrate coated with TiC–Al ₂ O ₃ composite by laser cladding	High Temperature Material Processes	2018	22	1	10.1615/HighTempMatProc.2018027036
326	Uthayakumar M., Adinarayanan A., Prabhakaran G., Slota A., Zajac J.	Arrangement of machine cell in cellular manufacturing system: A PSO approach	Journal of Advanced Research in Dynamical and Control Systems	2018	10	5	
327	Muneeswari G., Frank Vijay J.	Weartrack - Tracking valuables using near field communication stickers	International Journal of Engineering and Technology(UAE)	2018	7	2	10.14419/ijet.v7i2.24.12032
328	Gopal A., Jose D., Sivagnanam	Fabrication of ZnO/ZnO at carbon dot as photo anode and Natural dye as photosensitizer for dye sensitized solar cell application	International Journal of Engineering and Technology(UAE)	2018	7	2	10.14419/ijet.v7i2.23.11894

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
329	Frank Vijay J., Muneeswari G.	A novel approach for gait analysis using activity classifier for medical analysis	Biomedical Research (India)	2018	2018	Special Issue Artificial Intelligence Techniques for Biomedical Signal Processing Edition-II	
330	Renganayaki G., Korah R., Salivahanan S.	Design and implementation of a reversible logic circuit and its power analysis using conventional CMOS and adiabatic logic	Journal of Computational and Theoretical Nanoscience	2018	15	1	10.1166/jctn.2018.7090
331	Ravichandran G., Krishnamurthy M.	A smart method for monitoring and scheming of road luminosity using GSM equipment	Indonesian Journal of Electrical Engineering and Computer Science	2018	9	1	10.11591/ijeecs.v9.i1.pp36-38
332	Arunagiri A., Marimuthu U., Gopalakrishnan P., Slota A., Zajac J., Paulraj M.P.	Sustainability formation of machine cells in group technology systems using modified artificial bee colony algorithm	Sustainability (Switzerland)	2018	10	1	10.3390/su10010042
333	Senthil Velavan S., Vijayaraja K.	Effect of chevron on the decay characteristics of compressible round jet	International Journal of Mechanical and Production Engineering Research and Development	2017	7	6	10.24247/ijmperdddec201776
334	Vetrivel S., Ramesh S.	Modernization of copper chips synthesized by top down approach in addition to W-H plot, EDAX and extensive X-ray diffraction studies	Indian Journal of Engineering and Materials Sciences	2017	24	6	
335	Vandhana Devi V., Nagendran R.	Spatial assessment of water quality in kondurupalem lagoon inlet, South East Coast of India	Indian Journal of Ecology	2017	44	4	
336	Vidhya B., Vidhyapriya R.	Kriging interpolation technique with triangulated irregular network for image compression using image inpainting	Journal of Computational and Theoretical Nanoscience	2017	14	12	10.1166/jctn.2017.7009
337	Vasanth Kumar V., Sendhil Kumar S., Mahalakshmi G.S.	A power-graph based approach to detection of research communities from co-Authorship networks	Journal of Computational and Theoretical Nanoscience	2017	14	12	10.1166/jctn.2017.6595
338	Sarath Babu R.T., Kannan M., Lawrence P.	Performance analysis of low heat rejection diesel engine, using Mahua oil bio fuel	International Journal of Ambient Energy	2017	38	8	10.1080/01430750.2016.1222963
339	Lilly Mercy J., Prakash S., Krishnamoorthy A., Ramesh S., Alex Anand D.	Multi response optimisation of mechanical properties in self-healing glass fiber reinforced plastic using grey relational analysis	Measurement: Journal of the International Measurement Confederation	2017	110		10.1016/j.measurement.2017.07.013

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
340	Kannan R., S. S.M., M. S.K.	Pre-channel scheduling and Priority-based reservation in medium access control for industrial wireless sensor network applications	Computers and Electrical Engineering	2017	64		10.1016/j.compeleceng.2017.05.010
341	Pulamolu K.K., Venkata Subramanian D., Ceronmani Sharmila V., Emilin Shyni C.	Design of enhanced combined regression ranking algorithm for resource sharing in YARN	Journal of Advanced Research in Dynamical and Control Systems	2017	9	15 Special Issue	
342	Vincent Sam Jebadurai S., Arunraj E., Daniel C., Joel Shelton J., Subukumar G., Judith Emiliiah Christy S.S., Sarala L., Hemalatha G.	Feasibility test of calcium lignosulphonate on clay	Rasayan Journal of Chemistry	2017	10	4	10.7324/RJC.2017.1041915
343	Roy Y.A., Gobivel K., Sekar K.S.V., Kumar S.S.	Impact of cutting forces and chip microstructure in high speed machining of carbon fiber - Epoxy composite tube	Archives of Metallurgy and Materials	2017	62	3	10.1515/amm-2017-0269
344	Thangavelu A., Vairakannu S., Parvathyshankar D.	Linear open circuit voltage-variable step-size-incremental conductance strategy-based hybrid MPPT controller for remote power applications	IET Power Electronics	2017	10	11	10.1049/iet-pel.2016.0245
345	Natarajan G.S., Krishnaveni R., Vijay F.J.	Software defined networking (SDN) based video service using Dijkstra's Algorithm and Kruskal's Algorithm	Journal of Computational and Theoretical Nanoscience	2017	14	9	10.1166/jctn.2017.6806
346	Paramaguru G., Kannan M., Senthilkumar N., Lawrence P.	Effect of temperature on biogas production from food waste through anaerobic digestion	Desalination and Water Treatment	2017	85		10.5004/dwt.2017.21189
347	Mercy J.L., Prakash S., Krishnamoorthy A., Ramesh S., Anand D.A.	Experimental investigation and multiresponse genetic optimization of drilling parameters for self-healing GFRP	Journal of Mechanical Science and Technology	2017	31	8	10.1007/s12206-017-0721-0
348	Ravichandran G., Krishnamurthy M.	Design and implementation of digital medical prescription device	Indian Journal of Public Health Research and Development	2017	8	3	10.5958/0976-5506.2017.00252.2
349	Baskar M., Gnanasekaran T.	Developing efficient intrusion tracking system using region based traffic impact measure towards the denial of service attack mitigation	Journal of Computational and Theoretical Nanoscience	2017	14	7	10.1166/jctn.2017.6789
350	Balaji A., Sendhilkumar S., Mahalakshmi G.S.	Finding related research papers using semantic and co-citation proximity analysis	Journal of Computational and Theoretical Nanoscience	2017	14	6	10.1166/jctn.2017.6592
351	Jose D., Chithara A.N., Nirmal Kumar P., Kareemulla H.	Automatic Detection of Lung Cancer Nodules in Computerized Tomography Images	National Academy Science Letters	2017	40	3	10.1007/s40009-017-0549-2
352	Brabin D.R.D., Perinbam J.R.P., Meganathan D.	A Block Based Reversible Data Hiding Scheme for Digital Images Using Optimal Value Computation	Wireless Personal Communications	2017	94	4	10.1007/s11277-016-3817-4

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
353	Durga Devi A., Gladwin Pradeep R., Chandrasekar V.K., Lakshmanan M.	Two-dimensional isochronous nonstandard Hamiltonian systems	Journal of Engineering Mathematics	2017	104	1	10.1007/s10665-016-9872-8
354	Kannaiyan S., Easwaramoorthy, Gopal A.	Biogenic synthesized silver colloid for colorimetric sensing of dichromate ion and antidiabetic studies	Research on Chemical Intermediates	2017	43	5	10.1007/s11164-016-2789-z
355	Subimol K.R., Antony S.A.	Synthesis of N-glycosylated dihydropyrimidones - A novel approach using epoxy sugar	Letters in Organic Chemistry	2017	14	3	10.2174/1570178614666170221142354
356	Lakshmipathy R., Kesarla M.K., Nimmala A.R., Godavarthi S., Kukkambakam C.M., Gomez L.M., Sarada N.C.	ZnS nanoparticles capped with watermelon rind extract and their potential application in dye degradation	Research on Chemical Intermediates	2017	43	3	10.1007/s11164-016-2700-y
357	Andal V., Buvaneswari G.	Effect of reducing agents in the conversion of Cu ₂ O nanocolloid to Cu nanocolloid	Engineering Science and Technology, an International Journal	2017	20	1	10.1016/j.jestch.2016.09.003
358	Anand J., Perinbam J.R.P., Meganathan D.	Q-Learning-Based Optimized Routing in Biomedical Wireless Sensor Networks	IETE Journal of Research	2017	63	1	10.1080/03772063.2016.1229580
359	Suganthi D., Ranganathan G.	Sensor communication area evaluation in under water sensor network	Journal of Engineering and Applied Sciences	2017	12	Special Issue 11	10.3923/jeasci.2017.9189.9192
360	Subash K., Vijayaraja K.	Reduction of aircraft downtime using concurrent maintenance philosophy and condition based maintenance	Journal of the Balkan Tribological Association	2017	23	1	
361	Tamilarasan T.R., Sanjith U., Siva Shankar M., Rajagopal G.	Effect of reduced graphene oxide (rGO) on corrosion and erosion-corrosion behaviour of electroless Ni-P coatings	Wear	2017	390-391		10.1016/j.wear.2017.09.004
362	Ahmed R.A., Thanigaarasu S., Kannah D.L.V.V., Elangovan S., Rathakrishnan E.	Effect of slanted perforation in tabs for subsonic and transonic jets	Lecture Notes in Mechanical Engineering	2017			10.1007/978-81-322-2743-4_75
363	Paramaguru G., Kannan M., Lawrence P., Thamilselvan D.	Effect of total solids on biogas production through anaerobic digestion of food waste	Desalination and Water Treatment	2017	63		10.5004/dwt.2017.20167
364	Balaguru S., Murali V., Chellapandi P.	Effects of Different Operating Temperatures on the Tensile Properties of the Grid Plate Hardfaced with Colmonoy in a Pool Type Sodium Fast Reactor	Science and Technology of Nuclear Installations	2017	2017		10.1155/2017/5926105
365	Vinotha Jenifer J., Umesha P.K., Jacob P.A.	A comparative study on analysis of telecommunication tower with different member cross section	International Journal of Civil Engineering and Technology	2017	8	4	
366	Viswanathan R., Ramesh S., Elango N., Kamesh Kumar D.	Temperature measurement and optimisation in machining magnesium alloy using RSM and ANOVA	Pertanika Journal of Science and Technology	2017	25	1	

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
367	Srinivasan K., Chandrasekar V.K., Gladwin Pradeep R., Murali K., Lakshmanan M.	Different types of synchronization in coupled network based chaotic circuits	Communications in Nonlinear Science and Numerical Simulation	2016	39		10.1016/j.cnsns.2016.03.002
368	Kumar V., Gopal V.D.	Implementation of improved apriori algorithm in internal	IIOAB Journal	2016	7	9Special Issue	
369	Lakshmipathy R., Sarada N.C.	Metal ion free watermelon (Citrullus lanatus) rind as adsorbent for the removal of lead and copper ions from aqueous solution	Desalination and Water Treatment	2016	57	33	10.1080/19443994.2015.1072064
370	Muthuraj B., Mahesh V., Senthil R.	A hybrid petri net approach for polyethylene terephthalate bottle manufacturing system	Journal of Computational and Theoretical Nanoscience	2016	13	7	10.1166/jctn.2016.5320
371	Jayachandra R., Lakshmipathy R., Reddy S.R.	Hydrophobic d-galactose based ionic liquid for the sequestration of Pb ²⁺ ions from aqueous solution	Journal of Molecular Liquids	2016	219		10.1016/j.molliq.2015.11.060
372	Thangavelu A., Senthilkumar V., Parvathyshankar D.	Zero voltage switching-pulse width modulation technique-based interleaved flyback converter for remote power solutions	IET Power Electronics	2016	9	7	10.1049/iet-pel.2015.0365
373	Bharatiraja C., Jeevananthan S., Latha R., Mohan V.	Vector selection approach-based hexagonal hysteresis space vector current controller for a three phase diode clamped MLI with capacitor voltage balancing	IET Power Electronics	2016	9	7	10.1049/iet-pel.2015.0184
374	Lakshmipathy R., Sarada N.C.	Methylene blue adsorption onto native watermelon rind: batch and fixed bed column studies	Desalination and Water Treatment	2016	57	23	10.1080/19443994.2015.1040462
375	Ramakrishnan B., Durai Karthikeyan K., Faizur Rahman Nasir M., Achyuth Yadav V., Syam Narayanan S., Asad Ahamed R.	Experimental study of single and multi-winglets	Advances and Applications in Fluid Mechanics	2016	19	2	10.17654/FM019020247
376	Arun J., Mohit J.	A novel smart metering infrastructure using virtual instrument	Indian Journal of Science and Technology	2016	9	12	10.17485/ijst/2016/v9i12/89919
377	Pranisha T., Jose D.	Area efficient Cordic FFT using error correction codes and parseval checks for OFDM systems	ARPJ Journal of Engineering and Applied Sciences	2016	11	5	
378	Venkatesh M., Krishnamurthy M., Swarupa A., Kannan A.	Milling personalized e-learning system for enhancing learner skills	Asian Journal of Information Technology	2016	15	22	10.36478/ajit.2016.4500.4511
379	Rajkumar A., Praveena N.J.P., Devadoss A.V.	A fuzzy analysis of happiness through religious people by using triangular fuzzy cognitive maps (Trfcm)	Global Journal of Pure and Applied Mathematics	2016	12	2	
380	Ravichandran R.	Comics as resource for ELT educators	IUP Journal of English Studies	2016	11	1	

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
381	Robert Theivadas J., Ranganathan V., Raja Paul Perinbam J.	Prep system-on-chip test data compression based on split-data variable length (SDV) code	Journal of Electrical Engineering	2016	16	4	
382	Ranganathan S.K., Elumalai N., Natarajan P.P.	Numerical model and experimental validation of the heat transfer in air cooled solar photovoltaic panel	Thermal Science	2016	20		10.2298/TSCI16S4071R
383	Velmurugan R., Jothi Venkateswaran C., Krishnamurthy M.	Frequent itemset generation using reverse mirroring technique	International Journal of Control Theory and Applications	2016	9	40	
384	Vinoth K., Nanda Kumar K., Aravindh Raj S.	A novel on single phase asymmetrical multilevel inverter with reduced number of switches	International Journal of Control Theory and Applications	2016	9	14	
385	Chandran A., Mayurappriyan P.S.	Voltage balancing of five level Diode Clamped Multilevel Inverter using five level Boost Converter	International Journal of Control Theory and Applications	2016	9	15	
386	Velmurugan R., Jothi Venkateswaran C., Krishna murthy M.	Mining frequent itemset based on clustering of bit vectors	Indian Journal of Science and Technology	2016	9	44	10.17485/ijst/2016/v9i44/102646
387	Gayathri R., Preshnave M., Mayurappriyan P.S.	Dynamic analysis of wind turbine driven doubly fed induction generator: A literature review	International Journal of Control Theory and Applications	2016	9	13	
388	Joseph G.B., Devanathan R.	Design and analysis of online arithmetic operators for streaming data in FPGAs	International Journal of Applied Engineering Research	2016	11	3	
389	Joshua Ranjit Christian M., Sujatha V., Jayanthi S., Akshay R., Divyush Raj A.	Trie network lookup	International Journal of Control Theory and Applications	2016	9	5	
390	Siva R., Mahalakshmi G.S., Sendhilkumar S.	Discovering citation manipulations via delayed citation recognition	Asian Journal of Information Technology	2016	15	12	10.3923/ajit.2016.1964.1969
391	Frank Vijay J., Hariharan B.	Creation of software testing environment in cloud platform	Asian Journal of Information Technology	2016	15	13	10.3923/ajit.2016.2228.2237
392	Srinivasan S., Raja K.	Preventing cloud attacks using bio-metric authentication in cloud computing	Indian Journal of Science and Technology	2016	9	23	10.17485/ijst/2016/v9i23/88322
393	Emilin Shyni C., Sundar A.D., Edwin Ebby G.S.	Spam profile detection in online social network using statistical approach	Asian Journal of Information Technology	2016	15	7	10.3923/ajit.2016.1253.1262
394	Siva R., Mahalakshmi G.S., Sendhilkumar S.	Block diagram components' information extraction and grading of research paper based on graphical images	International Journal of Control Theory and Applications	2016	9	2	
395	Balaguru S., Murali V., Chellapandi P.	Measurement of the Residual Stresses and Investigation of Their Effects on a Hardfaced Grid Plate due to Thermal Cycling in a Pool Type Sodium-Cooled Fast Reactor	Science and Technology of Nuclear Installations	2016	2016		10.1155/2016/8353256

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
396	Gladwin Pradeep R., Chandrasekar V.K., Mohanasubha R., Senthilvelan M., Lakshmanan M.	Order preserving contact transformations and dynamical symmetries of scalar and coupled Riccati and Abel chains	Communications in Nonlinear Science and Numerical Simulation	2016	36		10.1016/j.cnsns.2015.10.019
397	Praveen Kumar A., Aadithya S., Dhilepan K., Nikhil N.	Influence of nano reinforced particles on the mechanical properties of aluminium hybrid metal matrix composite fabricated by ultrasonic assisted stir casting	ARNP Journal of Engineering and Applied Sciences	2016	11	2	
398	Prakash A., Dhanalakshmi R.	Stride towards proposing multi-modal biometric authentication for online exam	International Journal of Network Security	2016	18	4	
399	Ramesh S., Viswanathan R., Ambika S.	Measurement and optimization of surface roughness and tool wear via grey relational analysis, TOPSIS and RSA techniques	Measurement: Journal of the International Measurement Confederation	2016	78		10.1016/j.measurement.2015.09.036
400	Senthil Kumar R., Puja Priyadarshini N., Natarajan E.	Experimental and numerical analysis of photovoltaic solar panel using thermoelectric cooling	Indian Journal of Science and Technology	2015	8	36	10.17485/ijst/2015/v8i36/87646
401	Arun Venkatesh J., Latha R., Ranjani S.	Voltage sag compensation in stand alone power system using srf theory	International Journal of Applied Engineering Research	2015	10	66	
402	Tiwari A.K., Devi A.D., Pradeep R.G., Chandrasekar V.K.	Isochronous Liénard-type nonlinear oscillators of arbitrary dimensions	Pramana - Journal of Physics	2015	85	5	10.1007/s12043-015-1104-7
403	Venugopalarao G., Lakshmipathy R., Sarada N.C.	Preparation and characterization of cefditoren pivoxil-loaded liposomes for controlled in vitro and in vivo drug release	International Journal of Nanomedicine	2015	10		10.2147/IJN.S79994
404	Lakshmipathy R., Sarada N.C., Chidambaram K., Pasha S.K.	One-step, low-temperature fabrication of CdS quantum dots by watermelon rind: A green approach	International Journal of Nanomedicine	2015	10		10.2147/IJN.S79988
405	Nallusamy S., Velayutham D., Govindarajan U., Parvathyshankar D.	Power quality improvement in a low-voltage DC ceiling grid powered system	IET Power Electronics	2015	8	10	10.1049/iet-pel.2014.0715
406	Anand J., Jeevaratnam R.P.P., Deivasigamani M.	Performance of optimized routing in biomedical wireless sensor networks using evolutionary algorithms	Comptes Rendus de L'Academie Bulgare des Sciences	2015	68	8	
407	S U., D M., Perinbam J R.P.	Runtime buffer management to improve the performance in irregular Network-on-Chip architecture	Sadhana - Academy Proceedings in Engineering Sciences	2015	40	4	10.1007/s12046-015-0378-2
408	Marshal Bharath J., Niranjana R., Sriraman N., Kumar K.S.	Improving erosion resistance on SS 431 using detonation spray coatings employed in slurry environments	Journal of Chemical and Pharmaceutical Sciences	2015	2015-April		
409	Ramya V., Ramaprabha R.	Design and analysis of flywheel energy storage system for power electronic interface	Journal of Chemical and Pharmaceutical Sciences	2015	2015-March		

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
410	Jessy K., Dinakaran D., Kumar S.S.	Investigating the fluctuations in tool vibration during GFRP drilling through recurrence quantification analysis	Journal of Mechanical Science and Technology	2015	29	3	10.1007/s12206-015-0241-8
411	Jayanthi S.N., Balaji V., Umapathy K., Lalsa A.	Dielectric and d.C conducting properties of thiourea admixed L-histidine crystals	International Journal of Applied Engineering Research	2015	10	Special Issue 58	
412	Jasper J., Praveen Kumar A., Bharanidaran R.	Synthesis, characterization and evaluation of properties of aluminium alloy based hybrid composite reinforced with nano SiC and nano graphene	International Journal of Applied Engineering Research	2015	10	50 Special Issue	
413	Praveen Kumar A., Kumarasamy G.S., Nikhil N.	Analysis of carbon fiber reinforced polymer composite hip prosthesis based on static and dynamic loading	International Journal of Applied Engineering Research	2015	10	85 Special Issue	
414	Jayasudha S., Ramanathan K., Kumaravel A.	Fuzzy petri net generated by data mining rules for diabetes data	International Journal of Pharma and Bio Sciences	2015	6	4	
415	Lakshmipathy R., Sarada N.C.	A fixed bed column study for the removal of Pb ²⁺ ions by watermelon rind	Environmental Science: Water Research and Technology	2015	1	2	10.1039/c4ew00027g
416	Rao K.S., Krishnamurthy M., Kannan A.	Extracting the user's interests by using web log data based on web usage mining	Journal of Computational and Theoretical Nanoscience	2015	12	12	10.1166/jctn.2015.4468
417	Nagendra Babu G., Krishnamurthy M., Kannan A.	Efficient hierarchical data aggregation in wireless sensor networks in the presence of attacks	Journal of Computational and Theoretical Nanoscience	2015	12	12	10.1166/jctn.2015.4469
418	Ravi M., Jayakumar A.V., Charlet Priya R., Felice Brown I.	Unified power quality conditioner supported by wind energy conversion system for mitigating voltage sag and harmonics	International Journal of Applied Engineering Research	2015	10	6	
419	Bharatiraja C., Latha	A new Asymmetrical single phase 15 level reduced switch multilevel voltage source inverter	Journal of Electrical Engineering	2015	15	4	
420	Baskar M., Rajesh N.	Some new separation axioms in grill topological spaces	Global Journal of Pure and Applied Mathematics	2015	11	4	
421	Bhuvaneswari N., Baskar K., Dhanasekaran R.	Growth and characterization of tris thiourea magnesium zinc sulphate single crystals	Optik	2015	126	23	10.1016/j.ijleo.2015.08.246
422	Bhuvaneswari Arvind N., Dhanasekaran R.	Effect of amino acid doped TTZS crystal and its characterization	International Journal of ChemTech Research	2015	8	9	
423	Selvakumar T., Ganesan M.	Water quality improvements in Soil Aquifer Treatment (SAT) simulated soil columns	Indian Journal of Science and Technology	2015	8	28	10.17485/ijst/2015/v8i28/81895
424	Nalini Jayanthi S., Prabakaran A.R., Subashini D., Thamizharasan K.	Growth, optical, dielectric and fundamental properties of nlo active L-histidinium perchlorate single crystals	International Journal of ChemTech Research	2015	8	8	
425	Vijayaraghavan N., Kumaresan B.	A study on significance of globalization of higher education in India using fuzzy cognitive maps	Global Journal of Pure and Applied Mathematics	2015	11	5	

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
426	Muneeswari G., Frank Vijay J.	Inductive learning based storage compaction algorithm for multicore architecture	International Journal of Applied Engineering Research	2015	10	34	
427	Baskar M., Rajesh N.	Contra-continuity via grills	International Journal of Applied Engineering Research	2015	10	16	
428	Andal V., Buvaneswari G.	Effect of nature of surfactant on the formation of β -Ag ₂ Se nanoparticles and optical properties of β -Ag ₂ Se and ZnS/ β -Ag ₂ Se nanocomposite	Journal of Nano Research	2015	30		10.4028/www.scientific.net/JNano R.30.96
429	Alexander J., Jayanthi G., Lakshmipathy R., Kulasekaran A., Andal V.	Colour removal studies on treatment of textile dyeing effluent by chitosan modified watermelon rind composite (CWR)	International Journal of ChemTech Research	2015	8	5	
430	Tamilmagan M., Easu D., Baskaral V., Andal V.	Synthesis, characterisation, design and study of magnetorheological property of nano Fe ₂ O ₃	International Journal of ChemTech Research	2015	8	5	
431	Lakshmipathy R., Sarada N.C., Jayaprakash N.	Agricultural wastes as low cost adsorbents for sequestration of heavy metal ions and synthetic dyes from aqueous solution: A mini review	International Journal of ChemTech Research	2015	8	5	
432	Kukreja D., Mathew J., Lakshmipathy R., Sarada N.C.	Synthesis of fluorescent carbon dots from mango peels	International Journal of ChemTech Research	2015	8	5	
433	Kulasekaran A., Andal G., Lakshmipathy R., John Alexander J.	Modification in pH measurements for getting accurate pH values with different pH meters irrespective of aging and drifts in the meters	International Journal of ChemTech Research	2015	8	5	
434	Tamilmagan, Maheswari A., Priyabijesh, Gopal A.	Biodiesel production from waste cooking oil using green synthesized nanoFe ₂ O ₃ and CuO impregnated nanoFe ₃ O ₄	International Journal of ChemTech Research	2015	8	5	
435	Buvaneswari K., Vetha G., Andal V.	Green synthesis of ZnAl ₂ O ₄ nanoparticles for the degradation of methyl orange dye under visible light	International Journal of ChemTech Research	2015	8	5	
436	Kannaiyan S., Easwaramoorthi, Andal V.	Synthesis, characterisation and antibacterial activities of schiff base [New fuchsin] functionalised silver nanoparticles	International Journal of ChemTech Research	2015	8	5	
437	Renganayaki G., Reeba K., Salivahanan S.	Implementation of reversible logic adder circuits and their power analysis	International Journal of Applied Engineering Research	2015	10	14	
438	Thiagarajan S., Ganesan M.	Ammonia behaviour in wastewater reclamation by Soil Aquifer Treatment	Indian Journal of Science and Technology	2015	8	14	10.17485/ijst/2015/v8i14/61978
439	Joseph Jeyakumar D., Raja Paul Perinbam J., Ramadas N., Vinoth L.	An efficient algorithm with low power implementation for hearing aids	International Journal of Applied Engineering Research	2015	10	11	

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
440	Amos Jeeva Oli H.	Implementation of 4096 point FFT using modified 4 point radix 2 FFT kernels to reduce latency	International Journal of Applied Engineering Research	2015	10	9	
441	Joshua Kumaresan S., Raja Paul Perinbam J., Ebenezer D., Vasanthi R.	Iris recognition optimized by ICA using parallel CAT swarm optimization	ARNP Journal of Engineering and Applied Sciences	2015	10	11	
442	Srinivasa Rao K., Krishna Murthy M.K., Kannan A.	Mining user interests from web log data using long-period extracting algorithm	International Journal of Applied Engineering Research	2015	10	10	
443	Praveen Prakash A., Geetha Lakshmi M.	Fuzzy optimum solution through pascal's triangle graded mean	International Journal of Applied Engineering Research	2015	10	10	
444	Kalpna K., Kanipriya M., Krishnamurthy M., Bairavel S.	Aspect based sentiment analysis for textual reviews using fuzzy C-means clustering algorithm	International Journal of Applied Engineering Research	2015	10	10	
445	Sampath R., Gayathri Devy P., Swedah A., Saradha A.	Study of connectivity properties and network topology for neuroimaging classification by using adaptive Nero-Fuzzy inference system	ARNP Journal of Engineering and Applied Sciences	2015	10	9	
446	Jose D., Muruga Priya B., Nirmal Kumar P.	Unconventional approach to low energy universal shift register and up/down counter for digital circuits	International Journal of Applied Engineering Research	2015	10	7	
447	Jose D., Chitra M., Nirmal Kumar P.	Reliability improvement of partitioned VLSI systems for fault tolerance	International Journal of Applied Engineering Research	2015	10	7	
448	Subimol K.R., Antony S.A., Kumar K.K.	A novel and facile methodology for synthesis of coumarin coupled benzimidazole-2-thione compounds	Phosphorus, Sulfur and Silicon and the Related Elements	2015	190	4	10.1080/10426507.2014.952000
449	Baskar M., Rajesh N.	On slightly G-semicontinuous functions	International Journal of Pure and Applied Mathematics	2015	101	4	10.12732/ijpam.v101i4.7
450	Sathyanarayanan D., Krishnamurthy M.	An efficient association rule based dynamic support count adaptation model for XML databases using XQuery	International Journal of Applied Engineering Research	2015	10	6	
451	Vijayaraghavan N., Shivappa D., Mohan S.	MHD flow of a couple stress fluid in a parallel plate channel bounded by a porous bed on the lower half in presence of inclined magnetic field	International Journal of Applied Engineering Research	2015	10	4	
452	Anand J., Raja Paul Perinbam J., Meganathan D.	Design of ga-based routing in biomedical wireless sensor networks	International Journal of Applied Engineering Research	2015	10	4	
453	Vijayaraghavan N.	Hall effects on MHD convection flow through a porous medium in a rotating parallel plate channel	International Journal of Applied Engineering Research	2015	10	4	

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
454	Kumaresan B., Vijayaraghavan N.	A study on the sectors that increase the percentage of carbon dioxide which causes global warming using fuzzy cognitive maps	International Journal of Applied Engineering Research	2015	10	5	
455	Denslin Brabin D.R., Raja Paul Perinbam J., Meganathan D.	A high capacity data hiding scheme for digital images using normalization	International Journal of Applied Engineering Research	2015	10	1	
456	Muthuraj B., Mahes V., Senthil R.	Simulation of three tank system using hybrid perti net for batch process	International Journal of Applied Engineering Research	2015	10	2	
457	Jessy K., Satish kumar S., Dinakaran D., Seshagiri Rao V.	Influence of different cooling methods on drill temperature in drilling GFRP	International Journal of Advanced Manufacturing Technology	2015	76	4-Jan	10.1007/s00170-014-6280-y
458	Geethu Mani R.G., Ahamed M.B.	Laser performance of rhodamine B and methyl violet B base dye mixture in solid and liquid media	Journal of Nonlinear Optical Physics and Materials	2014	23	4	10.1142/S0218863514500532
459	Cloudin S., Nidhin A.S., Komathy K.	Proficient algorithm for superior warning message broadcast in vanet	Journal of Theoretical and Applied Information Technology	2014	66	2	
460	Sivanantham S., Mallick P.S., Raja Paul Perinbam J.	Low-power selective pattern compression for scan-based test applications	Computers and Electrical Engineering	2014	40	4	10.1016/j.compeleceng.2013.11.028
461	Deivasundari P., Uma G., Ashita S.	Chaotic dynamics of a zero average dynamics controlled DC-DC Ćuk converter	IET Power Electronics	2014	7	2	10.1049/iet-pel.2012.0737
462	Jijina G.O., Ranganathan V.	Low power architecture for reconfigurable fir filter for SDR	World Applied Sciences Journal	2014	32	2	10.5829/idosi.wasj.2014.32.02.14515
463	Ramya V., Ramaprabha R.	Renewable energy in power grid using flywheel energy storage system, technology by using partial magnetic levitation	Journal of Chemical and Pharmaceutical Sciences	2014	2014-December		
464	Ravi M., Jayakumar A.V., Browni I.F., Senthilnathan K.	Mitigating power quality problems and comparison of PV supported dynamic voltage restorer and distribution STATCOM in stand alone wind energy conversion system	International Journal of Applied Engineering Research	2014	9	24	
465	Jayasudha S., Ramanathan K., Kumaravel A.	An implementation of FIS for diabetes data with fuzzy petri net representation	International Journal of Applied Engineering Research	2014	9	22	
466	Chitra S., Easwaramoorthy D., Nalini Jayanthi S., Shanthi S.	Structural and optical properties of pure and transition metal ion doped SNO2 quantum dots	International Journal of ChemTech Research	2014	6	11	
467	John Peter T., Somasundram K.	Cardio vascular detection with neuro computing and genetic algorithm	Research Journal of Applied Sciences, Engineering and Technology	2014	8	11	10.19026/rjaset.8.1104
468	Sankar S., Nagarajan S.	ZZRD and ZZSW: Novel hybrid scanning paths for squared blocks	International Journal of Applied Engineering Research	2014	9	21	

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
469	Jijina G.O., Ranganathan V.	Design of a novel reconfigurable FIR filter by Constant Shift Method Based on 4-Bit BCSE technique	International Journal of Applied Engineering Research	2014	9	22	
470	Chandrasekaran B.T., Parthasarathy R., Jeevaratinam R.	Secured image transmission using lehs algorithm in wireless sensor network to enhance the network's lifetime	Comptes Rendus de L'Academie Bulgare des Sciences	2014	67	10	
471	Selvakumar P., Balanaga Karthik B., Thangavelu C.	Surface and electrochemical characterization of corrosion inhibition of stainless steel in acid medium	Journal of Materials and Environmental Science	2014	5	6	
472	Vaithilingam C., Kumudini Devi R.P., Elango K.	Power transactions based Available Transfer Capability estimation using Support Vector Machine	International Journal of Soft Computing	2014	9	6	10.3923/ijscmp.2014.425.433
473	Jaisankar N., Krishnamurthy M., Kousalya S., Kannan A.	Frequent itemsets generation using efficient utility mining algorithm	International Review on Computers and Software	2014	9	6	
474	Arun Kumar P., Pandian P., Perinbham R.P.	Reusable network on chip design	International Journal of Soft Computing	2014	9	4	
475	Booma P.M., Prabhakaran S., Dhanalakshmi R.	An improved pearson's correlation proximity-based hierarchical clustering for mining biological association between genes	Scientific World Journal	2014	2014		10.1155/2014/357873
476	Nandakumar P.	Design, Fabrication and Testing of a Regenerative Strut	SAE International Journal of Passenger Cars - Mechanical Systems	2014	7	1	10.4271/2014-01-1938
477	Sivanantham S., Padmavathy M., Gopakumar G., Mallick P.S., Perinbam J.R.P.	Enhancement of test data compression with multistage encoding	Integration, the VLSI Journal	2014	47	4	10.1016/j.vlsi.2013.12.001
478	Shanthi P., Govindarajan U., Parvathyshankar D.	Instantaneous power-based current control scheme for VAR compensation in hybrid AC/DC networks for smart grid applications	IET Power Electronics	2014	7	5	10.1049/iet-pel.2013.0253
479	Deivasundari P., Uma G., Vincent C., Murali K.	Non-linear intermittent instabilities and their control in an interleaved DC/DC converter	IET Power Electronics	2014	7	5	10.1049/iet-pel.2013.0313
480	Arun Kumar P., Pandian P., Perinbam J.R.P.	Fault tolerant design for magnetic memories	Research Journal of Applied Sciences, Engineering and Technology	2014	7	12	10.19026/rjaset.7.557
481	Kulasekaran A., Gopal A., John Alexander J.	A study on the removal efficiency of organic load and some nutrients from sewage by Ceratophyllum demersum-L	Journal of Materials and Environmental Science	2014	5	3	
482	Ravi S., Balakrishnan P.A., Marimuthu C.N., Sujitha C.	Design of Synthetic Optimizing Neuro Fuzzy Temperature Controller for Twin Screw Profile Plastic Extruder Using Labview	Intelligent Automation and Soft Computing	2014	20	1	10.1080/10798587.2013.771453
483	Mani R.G.G., Ahamed M.B.	Energy transfer in solid-state dye lasers based on methyl methacrylate co-doped with sulforhodamine B and crystal violet	Chinese Physics B	2013	22	11	10.1088/1674-1056/22/11/114207

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
484	Vaithilingam C., Kumudini Devi R.P.	Available transfer capability estimation using Support Vector Machine	International Journal of Electrical Power and Energy Systems	2013	47	1	10.1016/j.ijepes.2012.10.054
485	Bennila Thangammal C., Rangarajan P., Raja Paul Perinbam J.	A double guard hill cipher suitable for wireless sensor networks	Journal of Theoretical and Applied Information Technology	2013	57	1	
486	Saravanan P., Balakrishnan P.A.	An efficient space vector pulse width modulation based shunt active filter for mitigation of current harmonics using id - iq control strategies with res transmission systems	International Review on Modelling and Simulations	2013	6	4	
487	Murugan R., Mohan M.R.	Artificial bee colony optimization embedded with simulated annealing for the combined heat and power economic dispatch problem	International Review on Modelling and Simulations	2013	6	3	
488	Murugan R., Mohan M.R.	Modified artificial bee colony algorithm for solving economic dispatch problem	ARPJ Journal of Engineering and Applied Sciences	2012	7	10	
489	Basheer Ahamed M., Geethu Mani R.G., Vijayaraghavan G.	Tunable energy transfer distributed feedback dye laser using pyronin B and crystal violet dye mixture	Laser Physics	2012	22	10	10.1134/S1054660X12100027
490	Kamal Nasir V., Subbiah M., Srinivasan M.R., Altaff K., Naveed M.S., Sugumaran J.	Bayesian estimation of meiofaunal population using elicited information - a study with experts' opinion in ecological models	Indian Journal of Marine Sciences	2012	41	5	
491	Murugan R., Mohan M.R.	Artificial bee colony optimization for the combined heat and power economic dispatch problem	ARPJ Journal of Engineering and Applied Sciences	2012	7	5	
492	Vaduganathan L., Poonamallie B.A., Nagalingam M.	Effects of temperature and flow rates of ozone generator on the DBD by varying various electrical parameters	American Journal of Applied Sciences	2012	9	9	10.3844/ajassp.2012.1496.1502
493	Anbarasu V., Ravi T.	A prototype system for controlling mouse function by head movements and eye blinks	European Journal of Scientific Research	2012	81	3	
494	Jayarin P.J., Ravi T.	A dynamic load balancing model for multi channel protocol in wireless networks	European Journal of Scientific Research	2012	80	4	
495	Prasad S.J.S., Balakrishnan P.A.	PSO based I-PD controller for barrel temperature control in plastic injection molding system	European Journal of Scientific Research	2012	80	3	
496	Devi V.V., Kumar B.	Optimal performance mapping on reconfigurable architecture for multimedia applications	European Journal of Scientific Research	2012	80	2	
497	Lakshminarayanan, Balakrishnan P.A., Mahendran N.	Study of pulsed high voltage source for ozone generation	European Journal of Scientific Research	2012	77	4	
498	Samikannu R., Poonamallie B.A.	Design of synthetic optimizing neuro fuzzy temperature controller for dual screw profile plastic extruder using labview	Journal of Computer Science	2011	7	5	10.3844/jcssp.2011.671.677

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
499	Ravi S., Sudha M., Balakrishnan P.A.	Design of intelligent self-tuning GA ANFIS temperature controller for plastic extrusion system	Modelling and Simulation in Engineering	2011	2011		10.1155/2011/101437
500	Ravi S., Balakrishnan P.A.	Dual screw profile extruder temperature control using LabVIEW enhanced Genetic Fuzzy Algorithm	European Journal of Scientific Research	2011	50	1	
501	Jesu Jayarin P., Ravi T.	Dynamic channel allocation for multipath cellular networks using MSWF in wireless network	Indian Journal of Science and Technology	2010	3	12	10.17485/ijst/2010/v3i12/29862
502	Geo V.E., Nagarajan G., Nagalingam B.	Experimental investigations to improve the performance of rubber seed oil-fueled diesel engine by dual fueling with hydrogen	International Journal of Green Energy	2009	6	4	10.1080/15435070903106991
503	Geo V.E., Nagarajan G., Nagalingam B.	Investigations on the use of rubber seed oil in a diesel engine using waste exhaust heat energy	International Energy Journal	2009	10	1	
504	Geo V.E., Nagarajan G., Kamalakannan J., Nagalingam B.	Experimental investigations to study the characteristics of rubber-seed-oil-fueled diesel engine supplemented with diethyl ether	Energy and Fuels	2009	23	1	10.1021/ef800552f
505	Geo V.E., Nagarajan G., Nagalingam B.	Experiments on behaviour of preheated rubber seed oil in a direct injection diesel engine	Journal of the Energy Institute	2008	81	3	10.1179/174602208X331634
506	Geo V.E., Nagarajan G., Nagalingam B.	Studies on dual fuel operation of rubber seed oil and its bio-diesel with hydrogen as the inducted fuel	International Journal of Hydrogen Energy	2008	33	21	10.1016/j.ijhydene.2008.06.021

Dr. Deepa Jose
Head - Research

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CONFERENCE PUBLICATIONS

30-October-2023

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
1	Ranganathan M., Mohanasaravanan, Akhil, Shankar M., Munisamy S.	Validation of Experimental Studies of Subsonic Jets Controlled by Air Tabs through Simulation Studies	AIP Conference Proceedings	2023	2766		10.1063/5.0139320
2	Radakrishnan N.S., Ganesan, Thirupathi K., Pillai S.N.S., Srinivasan V., Desai A.P.	Mach Number Variation In Subsonic Co-Flowing Jets	AIP Conference Proceedings	2023	2766		10.1063/5.0139362
3	Piriadarshani D., Narasimhan S., Vijayarangam J., Raman K.	Simulated analysis of a two server queuing system	AIP Conference Proceedings	2023	2699		10.1063/5.0139343
4	Jansirani N., Vijayaraghavan N., Dare V.R.	An algebraic approach on Watson crick rough automata	AIP Conference Proceedings	2023	2699		10.1063/5.0139344
5	Poornima G., Pavithra R., Praveen M., Ragasurya S., Aashish C.	Design and analysis of 3D printed unmanned underwater vehicle	AIP Conference Proceedings	2023	2492		10.1063/5.0114352
6	Shinde S.K., Vijay J.F., Meena S.G., Roopa H., Prasad S.J.S., Ramesh S.	IoT based smart intruder system for baby monitoring	AIP Conference Proceedings	2023	2690		10.1063/5.0121400
7	Ramaian C.P., Vinayagam N., Dhanraj J.A., Selvaraju N., Anaimuthu S., Solomon J.M.	An explicit revelation on swarm robotics and its optimization techniques	AIP Conference Proceedings	2023	2690		10.1063/5.0119555
8	Ramaian C.P., Vinayagam N., Ramanathan K.C., Dhanraj J.A., Selvaraju N., Solomon J.M., Anaimuthu S.	A critical evaluation on design and development of smart dust sensor for mechatronics applications	AIP Conference Proceedings	2023	2690		10.1063/5.0119542
9	Vinayagam N., Ramaian C.P., Dhanraj J.A., Solomon J.M., Anaimuthu S., Selvaraju N.	A multilayer perceptron approach for condition monitoring of automobile suspension system through vibration signal	AIP Conference Proceedings	2023	2690		10.1063/5.0119562
10	Geethalakshmi M., Venkatesh J., Mageswari R.U., Mahalakshmi A., Jose Anand, Partheepan R.	Fuzzy Based Route Optimization in Wearable Biomedical Wireless Sensor Network	AIP Conference Proceedings	2023	2523		10.1063/5.0112396
11	Kaushik S., Josna C.G., Balaji M.S., Jose D.	Classification of EYE Diseases Using Multi-Model CNN	2023 IEEE 4th Annual Flagship India Council International Subsections Conference: Computational Intelligence and Learning Systems, INDISCON 2023	2023			10.1109/INDISCON58499.2023.10269949

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
12	Iniyan K., Aravindhan I., Ajin J.K., Kirivarshan S., Malathi K.	Bluetooth Automated Wheelchair	Lecture Notes in Networks and Systems	2023	754 LNNS		10.1007/978-981-99-4932-8_9
13	Anand R., Sumanth K.M., Yadav V.P., Sreeni V., Teja T.C.H.	Bug or Pest Identification in Agriculture using ML and Blockchain	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023	2023	2023-June		
14	Nirmala E., Lakshmi priya S., Suresh M.	Application of Machine Learning Techniques in classifying Smart Grid Attacks	IET Conference Proceedings	2023	2023	5	10.1049/icp.2023.1528
15	Sakthi Sri P., Subash G., Swetha V., Sanjay Aravindh M., Cloudin S., Manjunath S.	Real Time Fake Logo Detection	Proceedings of the International Conference on Circuit Power and Computing Technologies, ICCPCT 2023	2023			10.1109/ICCPCT58313.2023.10245634
16	Karthikeyan P., Arvind K.R., Ajith Kumar G., Saranya V.	Plant Disease Prediction Using Efficientnet	Proceedings of the International Conference on Circuit Power and Computing Technologies, ICCPCT 2023	2023			10.1109/ICCPCT58313.2023.10245457
17	Leonid T.T., Sai T N.K., Sharma P., Roopan B.	Securing the Digital Devices Through System on Chip Control and External Attack Detection Using FPGA	2023 International Conference on Data Science and Network Security, ICDSNS 2023	2023			10.1109/ICDSNS58469.2023.10245853
18	Karthika K., Begum S.A., Sivakumar M., Umapathy K.	ESP32 Cam based Vehicle Information Storage Container with Video Recovery Feature	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023	2023			10.1109/ICAISS58487.2023.10250639
19	Belinta A D., Kavipriya M., Kavya T., Jose D.	Design and Fabrication Of Piezoelectric Sensor	2023 International Conference on Data Science and Network Security, ICDSNS 2023	2023			10.1109/ICDSNS58469.2023.10245329
20	Nedumaran C., Shyam Sundar S., Sham Kumar S., Nithish Kumar R., Rajan R.G.	An Intelligent Agent to Automate HR Process	2023 World Conference on Communication and Computing, WCONF 2023	2023			10.1109/WCONF58270.2023.10235110
21	Wani A., Priyanka M., Prasath R.	Unleashing Customer Insights: Segmentation Through Machine Learning	2023 World Conference on Communication and Computing, WCONF 2023	2023			10.1109/WCONF58270.2023.10235136
22	Akin C., Preethi V., Vignesh K.	Experimental Analysis of Bubble Deck Slab and Its Application for Sustainability in the Ecology Dimension	Lecture Notes in Civil Engineering	2023	346 LNCE		10.1007/978-981-99-2552-0_40
23	Philips J., Lija R.L., Devi V.V.	Mechanical Properties of Concrete with Micro Level Reinforcement Using Natural and Synthetic Fibres	Lecture Notes in Civil Engineering	2023	346 LNCE		10.1007/978-981-99-2552-0_28

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
24	Shruthy V., Pragathishwari S., Nediga M., Rajan R.G., Sreyaa M.	Phishing Prediction on Website Updates with Novel Features Through Machine Learning	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023	2023			10.1109/ICIRCA57980.2023.10220855
25	Arunkumar V., Sathiyavathi S., Tonythomas A., Parameswaran A.P., Megavarthini M., Kishor Kumar B., Gokul Raj R.	Design and Fabrication of Automatic Screw Gage Calibrator and Component Tester Using IoT	Lecture Notes in Mechanical Engineering	2023			10.1007/978-981-99-1288-9_32
26	Gracia Betty J., Harivarthini R., Deepthi O., Pari R., Maharajan P.	YouTube Video Spam Comment Detection Using Light Gradient Boosting Machine	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023	2023			10.1109/ICIRCA57980.2023.10220615
27	Vignesh Kumar M., Harish R., Bharath S.	Modeling of Fine Korai Fiber Extraction Machine to Reduce user's Fatigue	Lecture Notes in Mechanical Engineering	2023			10.1007/978-981-99-1288-9_58
28	Deepa A., Nirmalkumar P., Jose D., Tejendra Prasad M.V.	Reconfigurable Compute in Memory Using SRAM and Bit Serial Algorithm	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023	2023			10.1109/ICIRCA57980.2023.10220833
29	Dillibabu V., Gopinath S., Dharsan S., Sasidharan M.	Effect of Operating Condition on Permanent Magnet Heating System	Lecture Notes in Mechanical Engineering	2023			10.1007/978-981-99-2349-6_3
30	Lokesh S., Yokesh Krishnan S., Hari Haran E., Kurian B.	Portable Network Attached Storage Device for Document Management System Using NLP	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023	2023			10.1109/ICIRCA57980.2023.10220758
31	Amuthavalli S., Uma Kumari C.R.	Computational Analysis and Performance Investigation of Convolutional Neural Network-Based Algorithms for Effective Face Spoof Detection	Lecture Notes in Networks and Systems	2023	727 LNNS		10.1007/978-981-99-3878-0_41
32	Suseendiran S., Kumar P.N., Jose D.	A Methodology for Increasing Precision for the Efficient Implementation of Sigmoid Function	Lecture Notes in Electrical Engineering	2023	1040 LNEE		10.1007/978-981-99-2271-0_14
33	Nasir V.K., Barakath A.J.	Reverse Order Pentagonal Fuzzy Numbers and Its Application in Game Problems	Lecture Notes in Networks and Systems	2023	758 LNNS		10.1007/978-3-031-39774-5_18
34	Jansirani N., Vijayaraghavan N., Dare V.R.	On Characterizations of Watson Crick Intuitionistic Fuzzy Automata	Lecture Notes in Networks and Systems	2023	758 LNNS		10.1007/978-3-031-39774-5_25
35	Bharati A.U., Janakiram C.S., Pattanayak R.M., Jose D., Mohanty S.N.	Dollar Price Prediction Using ARIMA	Lecture Notes in Networks and Systems	2023	699 LNNS		10.1007/978-981-99-3177-4_2
36	Suganya K.S., Nedunchezian R.	Comparison of Blockchain Ecosystem for Identity Management	Lecture Notes in Networks and Systems	2023	641 LNNS		10.1007/978-981-99-0483-9_21

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
37	Anuradha T., Suganya A., Muthalagu R., Narender M., Jose Anand A.	Evaluation of a Wireless Sensor Network for the Detection of Forest Fires	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023	2023			10.1109/ICECAA58104.2023.10212390
38	Muthalagu R., Ramachandran R., Anuradha T., Anupama P.H., Jose Anand A.	Pattern Recognition and Modelling in Electrocardiogram Signals: Early Detection of Myocardial Ischemia and Infraction	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023	2023			10.1109/ICECAA58104.2023.10212133
39	Dhanalakshmi R., Nivashini A., Vijayaraghavan N., Narasimhan S.	A Study on the Various Machine Learning Techniques Used in Predictions and Forecasting Related to Covid-19	Lecture Notes in Mechanical Engineering	2023			10.1007/978-981-99-1665-8_39
40	Krishna Varshan S., Ashish M., Binu E., Rajan R.G., Madhavan S.	Trash Image Classification Using Autoencoder	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings	2023			10.1109/ICESC57686.2023.10193687
41	Sunil Kumar M., Anuradha T., Srinivas Y., Santhi Sri T., Catherine T.J., Aurelia S.	Simulation of the Electrical Control Unit (ECU) in Automated Electric Vehicles for Reliability and Safety Using On-Board Sensors and Internet of Things	2023 5th International Conference on Electrical, Computer and Communication Technologies, ICECCT 2023	2023			10.1109/ICECCT56650.2023.10179682
42	Rohit S., Bhaskar N.	Currency Identifier for Visually Impaired People	Lecture Notes in Electrical Engineering	2023	995 LNEE		10.1007/978-981-19-9748-8_41
43	Dasi S., Sandiri R., Anuradha T., Santhi Sri T., Majji S., Murugan K.	The State-of-the-art Energy Management Strategy in Hybrid Electric Vehicles for Real-time Optimization	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings	2023			10.1109/ICICT57646.2023.10134496
44	Anju A., Krishnamurthy M., Nithakalyani M., Shalini K., Haritha R.	A Review to Analyze Insider Threats Using Machine Learning Techniques	Lecture Notes in Networks and Systems	2023	623 LNNS		10.1007/978-981-19-9638-2_43
45	Thomas Leonid T., Kanna H., Claudia Christy V.J., Hamritha A.S., Lokesh C.	Human Wildlife Conflict Mitigation Using YOLO Algorithm	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023	2023			10.1109/ICONSTEM56934.2023.10142629
46	Jose Anand A., Sandhiya S., Sweetly Sharon A., Vinisha R.	Disease Detection of Various Plant Leaf Using Image Processing Technique	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023	2023			10.1109/ICONSTEM56934.2023.10142431

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
47	Goudhaman M., Beulah David D., Vanathi N., Sasikumar S.	Fuzzy Arc Weights - Shortest Path Problem Solution by Cheetah Chase Algorithm	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023	2023			10.1109/ICONSTEM56934.2023.10142507
48	Lambert A.A., Jk G., Prasath R., Krishnan H.	Design and Implementation of a Pet Care and Tracking System	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023	2023			10.1109/ICONSTEM56934.2023.10142399
49	Clement Raj C., Deepak P., Sanjaay S.P., Selva M.	Wireless Solar Mobile Phone Charger	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023	2023			10.1109/ICONSTEM56934.2023.10142763
50	Nirmalkumar M., Nihal C.P., Vasantha Kumar V., Kokesh V.	E-Governance and Public Sector Services in Chennai District	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023	2023			10.1109/ICONSTEM56934.2023.10142868
51	Balaji V., Aishwarya D., Ch B., Kumari M.	Smart Crop Production System Using Machine Learning Techniques	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023	2023			10.1109/ICONSTEM56934.2023.10142646
52	Thomas Leonid T., Hemamalini, Nanthine T., Krithika	Fruit quality detection and classification using Computer Vision Techniques	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023	2023			10.1109/ICONSTEM56934.2023.10142514
53	Dhanalakshmi R., Vijayaraghavan N., Narasimhan S., Basha S.	Password Manager with Multi-Factor Authentication	Proceedings of the 1st IEEE International Conference on Networking and Communications 2023, ICNWC 2023	2023			10.1109/ICNWC57852.2023.10127424
54	Dhanalakshmi R., Thenmozhi M., Saxena S., Mahalingam H.	Convolutional Neural Network Model based Deep Learning Approach for Osteoporosis Fracture Detection	Proceedings of the 1st IEEE International Conference on Networking and Communications 2023, ICNWC 2023	2023			10.1109/ICNWC57852.2023.10127367

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
55	Dhanalakshmi R., Kumar V.V., Basha S., Vijayaraghavan N.	A Logical Investigation of Stock Market Prediction and Analysis using Supervised Machine Learning Algorithm	Proceedings of the 1st IEEE International Conference on Networking and Communications 2023, ICNWC 2023	2023			10.1109/ICNWC57852.2023.10127391
56	Sakthi B.B., Deiva Sundari P.	A Wireless Power Transfer (WPT) System for Series - Series Compensation topology in Electric Vehicle Battery Charging Applications	2023 IEEE 8th International Conference for Convergence in Technology, I2CT 2023	2023			10.1109/I2CT57861.2023.10126399
57	Balaji S., Sundari P.D.	COMSOL FEA Modeling of Square and Circular coil for Inductive Power Transfer in Electric Vehicle Systems	2023 3rd International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2023	2023			10.1109/ICAECT57570.2023.10117968
58	Ramkumar V., Parimala A., Vanathi N., Karpagam S., Chandran K.P., Prabu R.T.	An Efficient Beam Splitter Scheme for Optimization Based on Modified Optical Wireless Power Transmission Mechanism	Proceedings of the International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICIITCEE 2023	2023			10.1109/IITCEE57236.2023.10090984
59	Dhandapani N., Mohamed Ashik M.Z., Bhargav K.R., Achyuth N., Jose D.	VLSI Implementation of BCH Encoder with Triple DES Encryption for Baseband Transceiver	Lecture Notes in Networks and Systems	2023	588		10.1007/978-981-19-7982-8_27
60	Dhanalakshmi R., Sankar S., Srinidhi V., Srividya K.	Design of Web-Based Agile Meeting Dashboard	Lecture Notes in Electrical Engineering	2023	1003		10.1007/978-981-19-9989-5_1
61	Vignesh B., Jose D., Nirmal Kumar P.	Implementation of Indoor Navigation Control for Two-Wheeled Self-balancing Robot	Lecture Notes in Electrical Engineering	2023	957		10.1007/978-981-19-6913-3_31
62	Raja A.R., Anuradha T., Majji S., Patnala T.R., Sushama C., Kapila D.	Global Identification Passport: A Unique Cloud based Passport Model	Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023	2023			10.1109/ICSSIT55814.2023.10061108
63	Ezhilarasi K., Maria Kalavathy G.	Development of Contextual Crop Ontology for Effective Information Retrieval	Lecture Notes in Networks and Systems	2023	540		10.1007/978-981-19-6088-8_6
64	Chávez M.C.R., Martínez-Gómez J., Meza J., Jose D., Anthoniraj S.	Energy Efficiency in Charging Stations for Electric Vehicles with Minimum Affection to the Electrical Distribution Network Through Resource Allocation	Lecture Notes in Electrical Engineering	2023	927		10.1007/978-981-19-4975-3_19
65	Kalaivanan, Karthic G., Manubhai V.J., Pavai N.P., Aravinth V., Poornachandran S., Velmurugan N.	Simulation Analysis of Composite Materials for Divergence Elimination	Lecture Notes in Mechanical Engineering	2023			10.1007/978-981-19-6032-1_2
66	Rajesh K., Natarajan M.P., Devan P.K., Ponnuvel S., Dillibabu V., Arun Kumar S.	Effect of Intake Air Preheat on Diesel Engine Performance Fueled with Coconut Fatty Acid Distillate Biodiesel	Lecture Notes in Mechanical Engineering	2023			10.1007/978-981-19-3467-4_29

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
67	Arockia Julius A., Ram Kumar N., Ponniah Daniel J., Geethu Mani R.G., Mohideen S.R.	Low Velocity Impact Strength of Cryogenic Treated Glass-Carbon Fiber Reinforced Composite Panels	SAE Technical Papers	2022			10.4271/2022-28-0569
68	Kumar V.K., Rajan N.K., Devi V.V., Kaushik G.	Relationship between Gaestel Index and rheology of blended bitumens	AIP Conference Proceedings	2022	2452		10.1063/5.0118092
69	Jansirani N., Vijayaraghavan N., Dare V.R.	Extension of Watson crick fuzzy automaton based on topological features	AIP Conference Proceedings	2022	2529		10.1063/5.0103763
70	Devi N., Arun A., Sree Ram B.A., Kaiyoom M.A.	PiBot-A programmable assistant	AIP Conference Proceedings	2022	2444		10.1063/5.0078448
71	Dhivya P., Divya J., Prakash S.A., Devi N.	Exam assisting robot	AIP Conference Proceedings	2022	2444		10.1063/5.0078269
72	Abooraghavan R., Perumal G.A., Rahuman K.K., Suneel C., Jose D.	Smart driving license system in Rto using IoT technology	AIP Conference Proceedings	2022	2444		10.1063/5.0078325
73	Jayashree B., Malasri V., Hemalatha M., Kirubavathy K.J., Bai V.T., John J., Shylesh D.S.D., Jaganathan R.	Rainfall prediction through TRMM dataset using machine learning model	AIP Conference Proceedings	2022	2444		10.1063/5.0078271
74	Baruah W.R., Dhanalakshmi R., Bairavel S.	Mitigating theft-of-service attack - Ensuring cloud security on virtual machines	AIP Conference Proceedings	2022	2385		10.1063/5.0071524
75	Nasir V.K., Barakath A.J.	Solving matrix games involving the level (Klower, Kupper) interval valued trapezoidal fuzzy payoffs: Signed distance ranking approach	AIP Conference Proceedings	2022	2385		10.1063/5.0070724
76	Rollakanti R., Arulananth T.S., Prasad S.V.S., Anand J., Ravi B., Polisetti M.	Moving Object Detection using Background Subtraction	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing	2022			10.1109/ASSIC55218.2022.10088288
77	Lakshmi M.B., Saravanan S., Düzdağ M.S., Kiliç H., Anuradha T., Deepak K., Rao Malla J.M., Malla S.G.	Voltage and Frequency Control of a PV-Battery-Diesel Generator based Standalone Hybrid System	10th IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES 2022	2022			10.1109/PEDES56012.2022.10080764
78	Anuradha T., Latha J., Selvakumar C., Khan H., Hemavathi S., Malla S.G., Rao Malla J.M., Hossain M.A.	Power Quality Improvement of Hybrid Standalone Microgrid with DSTATCOM during Faults on Distribution Line	10th IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES 2022	2022			10.1109/PEDES56012.2022.10080027
79	Sruti T., Sneha R., Rajaganapathy K., Vasantha K.V.	Crime Awareness and Registration System Using Chatbot	2022 1st International Conference on Computer, Power and Communications, ICCPC 2022 - Proceedings	2022			10.1109/ICCPC55978.2022.10072070

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
80	Divya Shree R., Keerthana G., KrishneShri M., Vasantha Kumar V.	Digital Documents Verification System	2022 1st International Conference on Computer, Power and Communications, ICCPC 2022 - Proceedings	2022			10.1109/ICCPC55978.2022.10072 252
81	Geethalakshmi M., Moyeenudin H.M., Bhavya S., Lokesh S., Sriram V., Anand A.J.	Application of Queuing System using Fuzzy Approximation Method in a Departmental Store	2022 1st International Conference on Computer, Power and Communications, ICCPC 2022 - Proceedings	2022			10.1109/ICCPC55978.2022.10072 262
82	Ponmalar A., Chandra B., Aarthi S., Bhavana G.K.R., Jose A.A., Gomathi S.	IoT Based Automative Drive Recorder As Black Box	2022 1st International Conference on Computer, Power and Communications, ICCPC 2022 - Proceedings	2022			10.1109/ICCPC55978.2022.10072 081
83	Ponmalar A., Kausalya K., Bhavana G.K.R., Aarthi S., Gokulakrishnan D., Jose A.A.	Implementing Virtual Personal Assistant Through Artificial Intelligence Requirements	2022 1st International Conference on Computer, Power and Communications, ICCPC 2022 - Proceedings	2022			10.1109/ICCPC55978.2022.10072 159
84	Anand J.A., Pawan K., Narendran M., Johnson M., Rakesh S.	Real Time Livestock Rearing	2022 1st International Conference on Computer, Power and Communications, ICCPC 2022 - Proceedings	2022			10.1109/ICCPC55978.2022.10072 153
85	Shaik A., Badruzaman N., Gajendran D., Geethalakshmi M., Anand J.	Organic Farming in Drainage Systems with Advanced Automation through Robotics and IoT	2022 1st International Conference on Computer, Power and Communications, ICCPC 2022 - Proceedings	2022			10.1109/ICCPC55978.2022.10072 248
86	Anand R., Nalini Joseph L., Kovarsan R.K., Palaniappan S.	Energy Based Streaming Consumption in Virtual Environment	3rd International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2022 - Proceedings	2022			10.1109/ICPECTS56089.2022.100 46791
87	Anand R., Abhishek Krishna V.P., Dhanesh U.M., Vas G.	Secured agriculture crop monitoring using Blockchain	3rd International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2022 - Proceedings	2022			10.1109/ICPECTS56089.2022.100 47749
88	Priyanka K., Prasanth S., Paveen K., Jaralinekirubavathy K., DharshanShvlesh D.S., Bai V.T., Jaganathan R.	Pre and Post Flood Mangement using Mobile Application	2nd IEEE International Conference on Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering, ICATIECE 2022	2022			10.1109/ICATIECE56365.2022.10 047320

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
89	Nivedha M., Srimathi A., Priyadharshini, Prasath R.	Multifactor Prediction of Weather Forecasting System	2022 1st International Conference on Computational Science and Technology, ICCST 2022 - Proceedings	2022			10.1109/ICCST55948.2022.10040344
90	Ponmalar A., Renukadevi B., Anand J., Kamalisri G., Dharshini N., Sobana N.	Automatic Forensic Analysis of Criminal Navigation System using Machine Learning	2022 1st International Conference on Computational Science and Technology, ICCST 2022 - Proceedings	2022			10.1109/ICCST55948.2022.10040308
91	Benjamin M., Sreedeeep S.S., Dhanalakshmi R., Arulmozhi P., Mahalingam H.	Best Fit Player Acquisition and Squad Personnel System in Football for Sports	2022 1st International Conference on Computational Science and Technology, ICCST 2022 - Proceedings	2022			10.1109/ICCST55948.2022.10040369
92	Saju C.J., Vasantha Kumar V., Dhanalakshmi R.	Alzheimer Disease Diagnosis Using Convolutional Neural Network	2022 1st International Conference on Computational Science and Technology, ICCST 2022 - Proceedings	2022			10.1109/ICCST55948.2022.10040358
93	Mahalakshmi S., Rajeswari C., Jose Anand A., Rahul A.V.	Client Authentication by Signature Verification Method Using Robotic Process Automation (RPA)	2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022	2022			10.1109/ICDSAAI55433.2022.10028810
94	Sundari M.S., Jose Anand A., Nagarajan T.S.	Smart Aerial Imaging Solution in Precision Agriculture	2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022	2022			10.1109/ICDSAAI55433.2022.10028830
95	Roland G., Dhana Sony J., Padhi S.N., Kayalvili S., Cloudin S., Kumar A.	An Automated System for Arrhythmia Detection using ECG records from MITDB	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings	2022			10.1109/ICACRS55517.2022.10029289
96	Suraj D., Somasubharna K., Hayma Varshine Y., Gayathri R.	Three Phase Buck Boost Converter with PFC for Indian Rails	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	2022			10.1109/ICIRCA54612.2022.9985660
97	Arish T., Janani R., Revathy T., Varghese J.	A Smart Voltage Control Strategy using SEPIC Converter for DC Microgrid	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	2022			10.1109/ICIRCA54612.2022.9985610

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
98	Divya Dharshan K., Kumar D K., Thirukumaran S., Brindha Sakthi B.	Design and Development of Grass Cutter using Solar Renewable Energy Source	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	2022			10.1109/ICIRCA54612.2022.9985636
99	Ashwin J., Bharathy R.S., Kumar U.S., Tony A.A.	Design of Energy Management System for College Campus	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	2022			10.1109/ICIRCA54612.2022.9985527
100	Edwin Emanuel Rajan S., Karthi C.H., Ramya R., Anuradha T.	Load based Fuzzy Controller for Bipolar Stepper Motor	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	2022			10.1109/ICIRCA54612.2022.9985770
101	Parthasarathy P., Ragul Dayananth G.J., Murugan R., Umeshwaran B.	Design of 24 Watts SEPIC DC-DC Converter for Renewable Source Applications	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	2022			10.1109/ICIRCA54612.2022.9985635
102	Peter A., Sooriyanarayanan B., Mithun S., Suganya A.V., Ansari T.A.S.	Medical Robot Docking System	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	2022			10.1109/ICIRCA54612.2022.9985693
103	Prema S., Anand J., Vanitha P., Nirmala Devi K., Mohamed Yaseen M., Rajeswari C.	Smart Stick Using Ultrasonic Sensors for Visually Impaired	Advances in Parallel Computing	2022		41	10.3233/APC220061
104	Geethalakshmi M., Anand J., Nathea R., Augustine C., Sivaraman S.M., Mahalakshmi S.	Trident Fuzzy Aggregation Operators on Right and Left Apex-Base Angles in Parallel Computing	Advances in Parallel Computing	2022		41	10.3233/APC220060
105	Vatchala S., Sasidevi S., Dhanalakshmi R., Sairamesh L.	Smart Household Object Detection Using CNN	Advances in Parallel Computing	2022		41	10.3233/APC220065
106	Ramachandran B., Yuvarai S., Bharat Kumar M.R., Raj S.S., Babu T.S., Kannan M.	Assessment of Contact Parameters of Semi-Elliptical Soft Fingertips for Anthropomorphic Robotic Grippers	Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022	2022			10.1109/ICTACS56270.2022.9987915
107	Natarajan V., Shanmuganathan S.	Understanding Query Intention in Search Queries of Learners in Blended Learning Environments	Proceedings of 4th International Conference on Cybernetics, Cognition and Machine Learning Applications, ICCCMMLA 2022	2022			10.1109/ICCCMLA56841.2022.9989024

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108	Sivachandar K., Amudha V., Ramesh B., Anand J., Shanmugasundari M., Jerril Gilda S.	MIMO-IDMA System Performance for sui and LTE Frequency Selective Channels	Advances in Parallel Computing	2022		41	10.3233/APC220059
109	Jones A., Vijayan T.B., Subbarayan S., John S.	A Systematic Review on Screening of Diabetic Retinopathy and Maculopathy Using Artificial Intelligence	Lecture Notes in Electrical Engineering	2022	929		10.1007/978-981-19-5550-1_24
110	Jeevetha S., Jose D., Nirmal Kumar P., Kareemullah H.	An Improved Technique for Identification of Forgery Image Detection Using Clustering Method	Lecture Notes in Electrical Engineering	2022	929		10.1007/978-981-19-5550-1_27
111	Navaneeth V., Krithik Vasan B., Mageshwar S., Mercy W.	Building a Backend-as-a-Service Platform in Kubernetes	3rd International Conference on Smart Electronics and Communication, ICOSSEC 2022 - Proceedings	2022			10.1109/ICOSSEC54921.2022.9951895
112	Sai Laxmi A., Sneha R., Supraja P., Prasath R.	Braille Communication System for Visually Impaired with Haptic Feedback System	3rd International Conference on Smart Electronics and Communication, ICOSSEC 2022 - Proceedings	2022			10.1109/ICOSSEC54921.2022.9952150
113	Prabha A., Saravanan S., Balaji S., Malini V.K., Thopate K., Sivakami T., Ramkumar M.S.	IoT-based Battery Management System by Deploying an Machine Learning Model	3rd International Conference on Smart Electronics and Communication, ICOSSEC 2022 - Proceedings	2022			10.1109/ICOSSEC54921.2022.9952044
114	Maheswari R., Vignesh S., Rakesh Kumar M., Venkatesh T.M., Sundar R., Jose Anand A.	Voice Control and Eyeball Movement Operated Wheelchair	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings	2022			10.1109/ICECAA55415.2022.9936490
115	Rajender U., Nagulapati S., Anuradha T., Hemavathi S., Gopatoti A., Logeswaran T.	Application of Synthetic Aperture Radar (SAR) based Control Algorithms for the Autonomous Vehicles Simulation Environment	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings	2022			10.1109/ICECAA55415.2022.9936273
116	Mithun C., Sakthivel M., Anand R.	Secured E-Market Auction for Advertisement Slots Using Blockchain	2022 IEEE International Conference on Blockchain and Distributed Systems Security, ICBDS 2022	2022			10.1109/ICBDS53701.2022.9935913
117	Anand J., Shobika M., Sneha T.	Programmable Stickers to Monitor Perishable Goods using Blockchain	2022 2nd International Conference on Computer Science, Engineering and Applications, ICCSEA 2022	2022			10.1109/ICCSEA54677.2022.9936484
118	Thilakavathy J., Subramanian K., Amrutha R., Mani Rajan M.S.	Dromion Lattice Structure for Coupled Nonlinear Maccari's Equation	Springer Proceedings in Complexity	2022			10.1007/978-3-030-99792-2_80

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119	Sundaram S.G., Saravanan P., Ponmalar A., Prakash M.G., Ananda J.	Collaborative Product Recommendation System for E-commerce Websites	Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022	2022			10.1109/ICSES55317.2022.9914275
120	Sreelakshmy R., Sruthy R., Rajeshwari R., Thyla B., Suresh Kumar M.	Patient health monitoring system using smart IoT devices for medical emergency services	Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022	2022			10.1109/ICSES55317.2022.9914385
121	AdithyaPothan Raj V., Sankar S., Shuruti U., Bhuvaneshwari B., Thanushri Pooja S.	Intelligent Organ Transplantation System Using Rank Search Algorithm to Serve Needy Recipients	Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022	2022			10.1109/ICSES55317.2022.9914040
122	Anand J., Mishra N., Sharma S.S.P.M.B., Joshi B.M., Sangeetha M.	E-Health Assisted Smart Supermarket	Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022	2022			10.1109/ICSES55317.2022.9914111
123	Yogesh R., Ritheesh V., Reddy S., Rajan R.G.	Driver Drowsiness Detection and Alert System using YOLO	Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022	2022			10.1109/ICSES55317.2022.9914261
124	Praveen R., Saxena S., Prasad S., Vishvaa R.	An Intelligent Automated System for Porter Services in India	Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022	2022			10.1109/ICSES55317.2022.9914372
125	Mitleshwar Rao B., Nair S.D., Shivasharvesh, Dhanalakshmi R., Arulmozhi	Accident Detection using DenseNet	IEEE International Conference on Data Science and Information System, ICDSIS 2022	2022			10.1109/ICDSIS55133.2022.9915904
126	AdithyaPothan Raj V., Sankar S., Pradeep D., Rangarajan A., Ranjith Kumar G.	Intelligent Door Assist system using Chatbot and Facial Recognition	Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022	2022			10.1109/ICSES55317.2022.9914298

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127	Gunasundari S., Meenambal S., Tamilselvi S., Dhanalakshmi R.	Deep Convolution Neural Network in classification of liver tumor as benign or Malignant from Abdominal Computed Tomography	Proceedings of the 2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, ICICICT 2022	2022			10.1109/ICICICT54557.2022.9917986
128	Elakya R., Dhanam M., Hemnaath B., Dhanalakshmi R., Gayathri M., Humaira Begum I.	Blood Donor Management System - An Android Based Model and Implementation	Proceedings of the 2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, ICICICT 2022	2022			10.1109/ICICICT54557.2022.9917630
129	Menaka V., Likitha V., Shravya M., Pari R.	Accurate Prediction of Type 1 and Type 2 Diabetes	Proceedings of the 2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, ICICICT 2022	2022			10.1109/ICICICT54557.2022.9917938
130	Jeeva M., Padmapriya E., Nasreen Banu S., Rajan R.G.	Hybridization of ML techniques for predicting Breast Cancer	Proceedings of the 2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, ICICICT 2022	2022			10.1109/ICICICT54557.2022.9917768
131	Sankar S., Raj A.P., Ramyaa S., Pavithra S.	AI Enabled Educational Bot to Improve Learning Outcomes using Bag of Words Algorithm	Proceedings of the 2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, ICICICT 2022	2022			10.1109/ICICICT54557.2022.9917892

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132	Kiruthi Whasan W.R., Khiran Khumhaar W.R., Reddy K.R., Dhanalakshmi R., Kapilan Radhakrishnan P.	Web Extension for Phishing URL Identification	Proceedings of the 2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, ICICICT 2022	2022			10.1109/ICICICT54557.2022.9917624
133	Adline Freeda R., Anu Abarna B., Jahnavi K., Lavanya P.	Electronic Medical Record Management System Using Recommendation Algorithm	Proceedings of the 2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, ICICICT 2022	2022			10.1109/ICICICT54557.2022.9917794
134	Ambashankar A., Chandrasekar G., Charan A.R., Sankar S.	Exploration of Performance of Dynamic Branch Predictors used in Mitigating Cost of Branching	Proceedings of the 2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, ICICICT 2022	2022			10.1109/ICICICT54557.2022.9917915
135	Sibhi K., Thanvir Ibrahim S., Malik A., Praveen Joe I.R.	Career Prediction Using Naive Bayes	Proceedings of the 2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, ICICICT 2022	2022			10.1109/ICICICT54557.2022.9917745
136	George S., Naveen G., Saifullah S., Praveen Joe I.R.	An Efficient Neural Network Model for Pneumonia Detection	Proceedings of International Conference on Computing, Communication, Security and Intelligent Systems, IC3SIS 2022	2022			10.1109/IC3SIS54991.2022.9885488
137	Sankar A., Dhanalakshmi R.	Comparative Study of Transformer Models	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2022	13459 LNCS		10.1007/978-3-031-15512-3_17

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138	Sreedhar J., Anuradha T., Mahesha N., Bindu P., Kathiravan M., Patel I.	An Overview of Blue Eye Constitution and Applications	Lecture Notes in Networks and Systems	2022	444		10.1007/978-981-19-2500-9_23
139	Patel S.I., Khan I., Ahmed K.I., Raja Kumar V., Anuradha T., Singh R.B.	The Performance Evaluation of Adaptive Energy Conservation Scheme Using IoT	Smart Innovation, Systems and Technologies	2022	302		10.1007/978-981-19-2541-2_4
140	Jansirani N., Vijayaraghavan N., Dare V.R.	Watson Crick Intuitionistic Fuzzy Automata	Lecture Notes in Networks and Systems	2022	504 LNNS		10.1007/978-3-031-09173-5_70
141	Nasir V.K., Barakath A.J.	Solving Matrix Games Involving the Level (glower, gupper) Interval Valued Pentagonal Fuzzy Payoffs: Signed Distance Ranking Approach	Lecture Notes in Networks and Systems	2022	504 LNNS		10.1007/978-3-031-09173-5_41
142	Devi A.G., Anuradha T., Satpathy R., Nayak M., Reka M., Mohapatra P.K.	Prediction of Maintenance Time and IoT Device Failures using Artificial Intelligence	2022 2nd International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2022	2022			10.1109/ICAECT54875.2022.9808060
143	Kareemullah H., Kumar P.N., Jose D., Meenakshi P.	Multiple Object Detection and Segmentation for Remote Sensing Images	2022 2nd International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2022	2022			10.1109/ICAECT54875.2022.9807848
144	Subha Mastan Rao T., Anuradha T., Kaur U., Sundar Rajan M., Radhika Patnala T., Raja Kumar V.	Machine Learning for the Assessment of Transient Stability of Power Systems	Proceedings - 2022 6th International Conference on Intelligent Computing and Control Systems, ICICCS 2022	2022			10.1109/ICICCS53718.2022.9788363
145	Bharath S., Mohamed Zakriya G.	Design of Personal Protective Wear for Disabled People: An Improvisation on Ergonomics	Lecture Notes in Networks and Systems	2022	391		10.1007/978-3-030-94277-9_3
146	Babu P.C., Rao D.S.N.M., Prasanth B.V., Gireesh Kumar D., Anuradha T., Priya P.	Performance Comparison of Various SPV Module Connections in Partial Shading Conditions	8th International Conference on Smart Structures and Systems, ICSSS 2022	2022			10.1109/ICSSS54381.2022.9782189
147	Anju A., Barath M., Maheshwaran R., Vignesh K., Kishor Kumar S.R.	Sentimental Analysis for E-Commerce Website	International Conference on Emerging Trends in Engineering and Technology, ICETET	2022	2022-April		10.1109/ICETET-SIP-2254415.2022.9791606
148	Ponmalar A., Jose Anand A., Saravanan P., Deebe S., Br J.	IoT Enabled Inexhaustible E-vehicle using Transparent Solar Panel	2022 International Conference on Communication, Computing and Internet of Things, IC3IoT 2022 - Proceedings	2022			10.1109/IC3IoT53935.2022.9767921

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
149	Bhuvanesh G., Jacob Novan Nelson A., Abishek M., Thyla B.	Smart Stretcher For Measuring Vital Signs Of Unconscious Persons	ECS Transactions	2022	107	1	10.1149/10701.0533ecst
150	Dhanalakshmi R., Sudalaimuthu T., Radhakrishnan K.R.	Early Detection of Sepsis Using LSTM and Reinforcement Learning	Lecture Notes in Mechanical Engineering	2022			10.1007/978-981-19-0296-3_27
151	Abilash C.S., Dinakaran M., Vignesh R.H., Anju A.	Currency Recognition For The Visually Impaired People	2022 IEEE Delhi Section Conference, DELCON 2022	2022			10.1109/DELCON54057.2022.9753373
152	Devi A.G., Sandiri R., Anuradha T., Nayak B.B., Sahu R.K., Thenmozhi M.	Optimization Strategies for High-Speed Electrical Trains Based on Artificial Intelligence for Cost and Energy Reduction	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022	2022			10.1109/ICEARS53579.2022.9752006
153	Jose D., Rajesh A., Jaisharmila P., Jasvine J.M., Andal V.	Effective Heart Disease Classification for Telehealth Systems	Lecture Notes in Electrical Engineering	2022	841		10.1007/978-981-16-8774-7_23
154	Jose D., Pavithra M., Sasipriya S., Satya Venkata Santosh M., Cartegana J.F.M.	Effective Plant Leaf Disease Detection for Farmers	Lecture Notes in Electrical Engineering	2022	841		10.1007/978-981-16-8774-7_24
155	Mageshwari R., Sri Kiruthika G., Suwathi T., Thomas T.S.	Detecting Six Different Types of Thyroid Diseases Using Deep Learning	Lecture Notes in Networks and Systems	2022	339		10.1007/978-981-16-7018-3_5
156	Hemambujavalli S., Nirmal Kumar P., Jose D., Anthoniraj S.	FPGA Implementation of Elliptic Curve Point Multiplication Over Galois Field	Lecture Notes in Networks and Systems	2022	339		10.1007/978-981-16-7018-3_46
157	Jacob M.S., Selvi Rajendran P.	Deceptive Product Review Identification Framework Using Opinion Mining and Machine Learning	Lecture Notes in Networks and Systems	2022	339		10.1007/978-981-16-7018-3_4
158	Illuri B., Jose D., David S., Nagarjuan M.	Machine Learning Based and Reconfigurable Architecture with a Countermeasure for Side Channel Attacks	Lecture Notes in Networks and Systems	2022	311		10.1007/978-981-16-5529-6_14
159	Sarathbabu R.T., Kannan M., Balaji R., Selokar A.	Performance, Combustion, and Emission Characteristics of Diesel Engine Using Low-Temperature Combustion	Lecture Notes in Mechanical Engineering	2022			10.1007/978-981-16-2794-1_110
160	Bhaskar N., Kumar P.M., Renjit J.A.	HVIATC: Ontology-Based Efficient Query Optimization for Declarative Crowdsourcing System Using OAF Measures	Lecture Notes in Electrical Engineering	2022	792		10.1007/978-981-16-4625-6_9
161	Cartagena J.F.M., Jose D., Prasath J.S.	Sizing of Wireless Networks with Sensors for Smart Houses with Coverage, Capacity, and Interference Restrictions	Lecture Notes in Networks and Systems	2022	244		10.1007/978-981-16-2919-8_26
162	Gladwin Antony R., Hariharan S., Hari Haran D., Clement Raj C.	Design of solar charging case for mobile phones	Journal of Physics: Conference Series	2021	2040	1	10.1088/1742-6596/2040/1/012031
163	Praveen S., Pugalenthiran V., Jaraline Kirubavathy K.	Voice controlled shopping trolley navigation with RFID scanner and live billing using IoT	Journal of Physics: Conference Series	2021	2040	1	10.1088/1742-6596/2040/1/012035

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
164	Thanzeem Mohamed Sheriff S., Venkat Kumar J., Vigneshwaran S., Jones A., Anand J.	Lung cancer detection using VGG NET 16 architecture	Journal of Physics: Conference Series	2021	2040	1	10.1088/1742-6596/2040/1/012001
165	Arockia Dhanraj J., Muthiya S.J., Subramaniam M., Salyan S., Chaurasiya P.K., Gopalan A., Anaimuthu S.	A Comparative Study with J48 and Random Tree Classifier for Predicting the State of Hydraulic Braking System through Vibration Signals	SAE Technical Papers	2021	Part 173236	2021	10.4271/2021-28-0254
166	Aparna P., Abhinaya V., Anbarasi D., Balaji V.	New approach to optimize groundwater usage using multi-criteria decision making techniques	Journal of Physics: Conference Series	2021	2027	1	10.1088/1742-6596/2027/1/012024
167	Dhanasekar V., Preethi Y., Vishali S., Praveen Joe I.R., Booma Poolan M.	A Chatbot to promote Students Mental Health through Emotion Recognition	Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021	2021			10.1109/ICIRCA51532.2021.9544838
168	Priya P., Anuradha T., Prabhu V.V., Saravanan S.	Improving the Performance Efficiency of Village Pond Cleaner Using Arduino in the Basis of Bluetooth Controlled Process	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021	2021			10.1109/ICESC51422.2021.9532762
169	Agarshana K., Karan P., Leo Celestine S., Vasantha Kumar V.	Naive Bayes Algorithm for Sentiment Analysis on Twitter	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021	2021			10.1109/ICSCAN53069.2021.9526473
170	Yuvashree E., Preethika S., Nirupama A., Cloudin S.	Product Aspect Ranking Using Sentimental Analysis	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021	2021			10.1109/ICSCAN53069.2021.9526429
171	Kavinnilaa J., Hemalatha E., Jacob M.S., Dhanalakshmi R.	Stock Price Prediction Based on LSTM Deep Learning Model	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021	2021			10.1109/ICSCAN53069.2021.9526491
172	Abhila B., Delphin Periyanyagi M., Koushika M., Joseph M.N., Dhanalakshmi R.	Spam Detection System Using Supervised ML	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021	2021			10.1109/ICSCAN53069.2021.9526421
173	Prabhakaran G., Rahul V., Sasi Kumar V., Subrahmanyam T.M., Balaji A.	Geo location Based Donor Identification Ification and Request Application Using Gps	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021	2021			10.1109/ICSCAN53069.2021.9526478

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
174	Raj Kumar R., Shyam Sundar A., Ruban Haris B., Ragul K., Cloudin S.	Identification of Criminal and Non-Criminal Face Using Deep Learning and Image Processing	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021	2021			10.1109/ICSCAN53069.2021.9526455
175	Nandhis S., Marrshal Ben Manuel P., Amarthya R., Gokul D., Jacob M.S.	Realtime Face Mask Detection using Machine Learning	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021	2021			10.1109/ICSCAN53069.2021.9526418
176	Bharath Kumar M., Basit A., Kiruba M.B., Giridharan R., Keerthana S.M.	Road Accident Detection Using Machine Learning	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021	2021			10.1109/ICSCAN53069.2021.9526546
177	Susithra V., Reshma A., Gope B., Sankar S.	Detection of Anomalous Behaviour in Online Exam towards Automated Proctoring	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021	2021			10.1109/ICSCAN53069.2021.9526448
178	Nayak B., Thota N.P., Kumar J.D., Dhanalakshmi R., Bairavel S.	Currency Detector for Visually Impaired using Machine Learning	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021	2021			10.1109/ICSCAN53069.2021.9526494
179	Joy M.R., Bairavel S., Dhanalakshmi R.	Implementing QR Code-Based Contact Tracing Framework	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021	2021			10.1109/ICSCAN53069.2021.9526486
180	Rajesh Kumar V., Pradeepan K., Praveen S., Rohith M., Vasantha Kumar V.	Identification of Plant Diseases Using Image Processing and Image Recognition	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021	2021			10.1109/ICSCAN53069.2021.9526493
181	Swathi S., Saranya E., Prabakaran R.M., Sachin Kumar M., Bairavel S.	Virtual Health Assistant	2021 International Conference on System, Computation, Automation and Networking, ICSCAN 2021	2021			10.1109/ICSCAN53069.2021.9526460
182	Mayurappriyan P.S., Loganathan N., Shanmugapriya M., Anbarasu P., Sakthi P.K.A.	Evolution of Outcome Based Engineering Education in India - A Case Study	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	2021			10.1109/ICACCS51430.2021.9441676
183	Vyshnavi P., Venkatesan N., Samad A., Avital E.J.	Tidal current energy for Indian Coastal lines – A state art of review	Journal of Physics: Conference Series	2021	1716	1	10.1088/1742-6596/1716/1/012008
184	Vyshnavi P., Samad A., Venkatesan N., Avital E.J.	A review on the energy prospects of Indian remote islands and preliminary assessment of marine current energy potential	Journal of Physics: Conference Series	2021	1716	1	10.1088/1742-6596/1716/1/012007

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185	Claudia Lois R., Akshaya Chelvi T.N., Bhuvaneshwari K., Krishnamurthy M.	Effective Behavioural Analysis using Polystore Data Catalog and Intelligent Learning	2021 International Conference on Simulation, Automation and Smart Manufacturing, SASM 2021	2021			10.1109/SASM51857.2021.9841183
186	Mary Jenifer P., Mahasri P., Omsai A., Humaira B.I., Dhnaalakshmi R.	Multiple Face Detection and Attendance System Using OpenCV	2021 International Conference on Simulation, Automation and Smart Manufacturing, SASM 2021	2021			10.1109/SASM51857.2021.9841223
187	Puviraj C., Nikhil B., Vishal S.B., Tamizhanban K., Dhanalakshmi R., Lakshmipriya S.	Study of Decentralized Database Network using concepts of Blockchain	2021 International Conference on Simulation, Automation and Smart Manufacturing, SASM 2021	2021			10.1109/SASM51857.2021.9841107
188	Narayan J.H.B., Christopher J.D., Joe I.R.P.	Movie Reviews Sentiment Analysis through Deep Learning	2021 International Conference on Simulation, Automation and Smart Manufacturing, SASM 2021	2021			10.1109/SASM51857.2021.9841109
189	Sanjay Ram R., Surya Murthi S.M., Surya Narayanan R.S., Venkatesh R., Dhanalakshmi R., Bairavel S.	Application to Filter Unwanted Messages from OSN User Walls	2021 International Conference on Simulation, Automation and Smart Manufacturing, SASM 2021	2021			10.1109/SASM51857.2021.9841220
190	Priya V.H., Anuradha T., Priya P., Saravanan S.	Bi-Directional Flyback DC-DC Converter For Solar PV - Battery Charger System	2021 International Conference on Computing, Communication and Green Engineering, CCGE 2021	2021			10.1109/CCGE50943.2021.9776460
191	Devi K.N., Anand J., Kothai R., Krishna J.M.A., Muthurampandian R.	Sensor based posture detection system	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.09.556
192	Andal V., Lakshmipathy R., Jose D.	Effect of Sanitizer on obliteration of SARS-CoV2/COVID 19: A mini review	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.07.026
193	Meza J., Jose D., Anthoniraj S.	Economic study and energy analysis of a thermal power plant for the generation of biodiesel	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.12.598
194	Anbarasi J., Rajamurugu N., Yaknesh S.	Optimizing the collector inlet height of a divergent solar tower using response surface methodology	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.10.516
195	Syam Narayanan S., Asad Ahmed R., Venkatraman S.	Lift enhancement technique using roller belt arrangement for moving surface over a composite wing structure considering fluid-material interaction	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.08.350
196	Rekha Y., Suriya S., Hamedul Irshad H.M.	Comparative study on oven curing of Geopolymer concrete over conventional concrete	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2022.02.344

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
197	Kanimozhiraman, Kennedy E.	Optimization of Jet Impingement Erosion Process of Alumina-Titania coated stainless steels	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2022.01.482
198	Devanathan R., Vivekanandan B., Rengadurai S., Balaji G.L., Lakshmipathy R.	Efficiency of Watermelon rind towards adsorption of Ce (III) and Pr (III) ions	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.06.429
199	Lavanya K.M., Florence J.A.K., Vivekanandan B., Lakshmipathy R.	Comparative investigations of raw and alkali metal free banana peel as adsorbent for the removal of Hg ²⁺ ions	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.07.410
200	Sundararajan G., Isaac P.J., Andal V., Lakshmipathy R.	Alternative therapies for Covid-19	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.07.501
201	Edward Kennedy Z., Arul Inigo Raja	Evaluation of mechanical properties of Al-B4C and Al-SiC metal matrix composites-A comparison	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.08.356
202	Sam L., Bindu M.B., Amrutha R.	Atomic polar tensor charge calculation of beta asarone in solvation models	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.12.599
203	Tamil Selvi S., Najma Nikkath S., Mahalakshmi N.	Impact of COVID-19 lockdown on the particulate matter over Perungudi, Chennai, India	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.07.296
204	Chacko S., Sumathi R., Narayanan M.K.B., Syam Narayanan S.	Challenges faced by the food industry under franchising sector	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.07.389
205	Syam Narayanan S., Ahmed R.A., Varshini M.E., Rao V.B., Kyathiswar S.	One-way fluid-material interaction study on a plunging UAV wing	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.07.408
206	Poornashri Mathangi R., Nalini Jayanthi S., Shibu A.	Structural, optical and laser damage threshold studies of pure Potassium pentaborate (KB5) crystal	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.09.560
207	Buveneswari K., Singanan M.	Removal of malachite green dye in synthetic wastewater using zingiber officinale plant leaves biocarbon	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.07.137
208	Anbarasi J., Yaknesh S., Sampathkumar K., Rajamurugu N.	Performance characteristics optimization in dissimilar friction stir welding using Grey relational analysis	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.07.302
209	Edward Kennedy Z., Arul Inigo Raja M.	Influence of stacking sequence and hybridization on the mechanical and tribological properties of glass and jute fiber composites	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.06.294
210	Anand J., Nirmala Devi K., Edward Kennedy Z., Dhanalakshmi R.	Processing techniques for sensor materials; A review	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.12.597
211	Jayanthi G., Sumathi S., Andal V.	Synthesis and applications of Perovskite in heavy metal ions removal-A brief perspective	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.06.147
212	Tamil Selvi S., Najma Nikkath S., Mahalakshmi N., Gulam Mohamed M.	Analysis of particulate component PM10 over residential and commercial area in urban city of Chennai	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2022.01.478
213	Sadasivam S., Thulasi Bai V., Yuvaraj R., Rahul P.S., Rushith Thomas M.	Comparison of FR4 and Roger substrates in multiband two-slot rectangular patch antenna for 5G applications	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.12.600

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
214	Kannaiyan S., Easwaramoorthy, Kannan K., Andal V.	Green synthesis of Phenothiazinium Schiff base and its nano silver complex using egg white as a catalyst under solvent free condition	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.07.121
215	Tamil Elakkiya G., Balaji G.L., Padhy H., Lakshmipathy R.	Synthesis of silver nanoplates using regenerated watermelon rind and their application	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.06.370
216	Raja A.I., Edward Kennedy Z., Rajaram G., Prabhakaran G.	Erosion behavior of Tungsten carbide-cobalt and alumina coatings on stainless steel 316	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.07.514
217	Prasath J.S., Jose D., Rammya B., Pandian R.	Dynamic key generation mechanism to strengthen the data security	Proceedings - International Carnahan Conference on Security Technology	2021	2021-October		10.1109/ICCST49569.2021.9717370
218	Raja T., Prabhakaran R., Kumar D.P., Sathish D.	Mechanical and tribological characteristics of AL7075/MWCNT, B4C & MoS2 hybrid metal matrix composites	Materials Today: Proceedings	2021	50		10.1016/j.matpr.2021.06.262
219	Akash S., Backer T.A., Dhakshayani P.D., Anuradha T., Priya P.	Power Management on A Fuzzy Base Small Scale Microgrid Based on Hybrid Wind and Solar Battery	Proceedings - 2021 3rd International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2021	2021			10.1109/ICAC3N53548.2021.9725461
220	Nalini Jayanthi S., Bhuvaneswari N.	Growth and characterization of semi-organic non-linear optical L-threonine doped ZTS crystal	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.06.428
221	Sendhil Kumar N., Kaur U., Anuradha T., Majji S., Rao Karanam S., Deshmukh R.G.	5G Network Virtualization for the Remote Driving Enhancement	Proceedings of the 2021 4th International Conference on Computing and Communications Technologies, ICCCT 2021	2021			10.1109/ICCCT53315.2021.9711894
222	Kaur U., Anuradha T., Nalajala P., Majji S., Jaiswal S., Jamthe D.	Broadcasting of IoT-Connected Autonomous Vehicles in VANETs Using Artificial Intelligence	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	2021			10.1109/ICECA52323.2021.9676127
223	Prasath R., Rajan R.G.	Autonomous Application in Requirements Analysis of Information System Development for Producing a Design Model	Proceedings of the 2021 2nd International Conference on Communication, Computing and Industry 4.0, C2I4 2021	2021			10.1109/C2I454156.2021.9689440

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
224	Shanmugasundaram V., Anuradha. T., Govardhan S., Moyal V., Kumar V.R., Kumar B.T.	Bidirectional Smart Grid Communication Platform with Network Devices: A Case Study	2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2021	2021			10.1109/ICAECA52838.2021.9675544
225	Ramya E., Anand J., Renugha Devi R., Issac N.A., Roshni Prasenth K.	Solar Grass Cutter with Water Spraying Vehicle	2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2021	2021			10.1109/ICAECA52838.2021.9675681
226	Sadasivam S., Bai T., Karthick Ramanathan S., Sheik Mohammed A.K., Rishwanth M.S., Sivakami B.	Design of Rectangular shape Meta-Material Antenna for C band applications	2021 IEEE International Conference on Emerging Trends in Industry 4.0, ETI 4.0 2021	2021			10.1109/ETI4.051663.2021.9619431
227	Nivethaa M., Pavithra N., Priyanka, Sambandam P.	Speech Emotional Recognition Using CNN Algorithm	Proceedings of CONECCT 2021: 7th IEEE International Conference on Electronics, Computing and Communication Technologies	2021			10.1109/CONECCT52877.2021.9622714
228	Bijesh P., Selvaraj V., Andal V.	A review on synthesis and applications of nano metal Oxide/porous carbon composite	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.06.163
229	Anand R., Aneeshsa D., Manisha S., Thanuja R.K.V.	Breast Cancer Prediction in Machine Learning Techniques using Blockchain	Proceedings of IEEE International Conference on Signal Processing, Computing and Control	2021	2021-October		10.1109/ISPCC53510.2021.9609488
230	Arunachalam P.L., Krishna P., Vignesh M., Thomas T.S.	Ambulance Booking Application	Proceedings of IEEE International Conference on Signal Processing, Computing and Control	2021	2021-October		10.1109/ISPCC53510.2021.9609423
231	Anju A., Abilash M.R., Balaji V., Sayee Darshan J.K.	Third Vision for Safeguarding Women with A Live Surrounding Update using Deep-Learning for Computer Vision	Proceedings of IEEE International Conference on Signal Processing, Computing and Control	2021	2021-October		10.1109/ISPCC53510.2021.9609496
232	Anand R., Fazlul Kareem S., Mohamed Arshad Mubeen R., Ramesh S., Vignesh B.	Analysis Of Heart Risk Detection In Machine Learning Using Blockchain	Proceedings of IEEE International Conference on Signal Processing, Computing and Control	2021	2021-October		10.1109/ISPCC53510.2021.9609353

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
233	Gowri Manohar S., Mohana Krishna Kumar A., Visweswaran K., Freeda R.A.	A Protected Cloud Information Sharing Convention for Big Business Supporting Various Leveled Catchphrase Search	Proceedings of IEEE International Conference on Signal Processing, Computing and Control	2021	2021-October		10.1109/ISPPCC53510.2021.9609465
234	Hari Krishnan. S., Sathish. G., Arish Narayanan. V., Freeda R.A.	Web Application For Rto Verification System	Proceedings of IEEE International Conference on Signal Processing, Computing and Control	2021	2021-October		10.1109/ISPPCC53510.2021.9609460
235	Edward Kennedy Z., Rajaram G.	Tribological behavior of metallo-ceramic composites for high friction and high temperature applications	Materials Today: Proceedings	2021	55		10.1016/j.matpr.2021.07.298
236	Ravindran P., Jayanthi S., Kumar Sivaraman A., Dhanalakshmi R, Muralidhar A., Vincent R.	Proficient mining of informative gene from microarray gene expression dataset using machine intelligence	Advances in Parallel Computing	2021	38		10.3233/APC210076
237	Jeganmurugan P., Sree Rameswari A., Anuja N., Sherin V.	Experimental study of photocatalytic effect on paver blocks	Materials Research Proceedings	2021	19		10.21741/9781644901618-5
238	Kumar S.B., Sekar S.D., Mothilal T., Sivakkumar G., Lavanya R., Meenakshi C.M., Manivannan S.	Experimental investigation on physical properties of banana/E-glass fiber reinforced hybrid interpenetrating polymer network composites	Materials Today: Proceedings	2021	45		10.1016/j.matpr.2021.01.500
239	Manikandan R., Shabir M.F., Raja T., Chandra P.M., Salman S., Akram I.V.	Effect of various phase change materials (paraffin wax/hydrogenated vegetable oil) packed in a fabricated shell and tube type heat exchanger	Materials Today: Proceedings	2021	45		10.1016/j.matpr.2020.07.231
240	SankarGanesh S., Sreelatha P., Rekha V.B., Puttumraju A.K., Murugesan B., Sakthisudhan K.	Textile antennas for breast carcinoma diagnosis application	Materials Today: Proceedings	2021	45		10.1016/j.matpr.2020.12.221
241	Thilaka B., Poorani B., Udayabaskaran S.	Performance Analysis of an M/M/1 Queue with Single Working Vacation with Customer Impatience Subject to Catastrophe	Springer Proceedings in Mathematics and Statistics	2021	344		10.1007/978-981-33-4646-8_24
242	Jayanthi S.N.	Analysis of micro indentation hardness of thiourea added L-histidine crystals (TLH)	Materials Today: Proceedings	2021	44		10.1016/j.matpr.2020.12.388
243	Anand R., Divya Karthiga R., Jeevitha T., Leandra Mithra J., Yuvaraj S.	Blockchain-Based Agriculture Assistance	Lecture Notes in Electrical Engineering	2021	700		10.1007/978-981-15-8221-9_43
244	Sankar K., Selvam K., Ashwin K.J.	Experimental Design and Testing of Scale Development Reduction System in Domestic Water Geysers	Lecture Notes in Mechanical Engineering	2021			10.1007/978-981-15-4488-0_3
245	Akin C., Vandhana Devi V., Samuel Devadoss R.	Mitigation of Energy Consumption Impact by Planning and Formulation of Environmental Management System for Indian Infrastructure Projects	Lecture Notes in Civil Engineering	2021	79		10.1007/978-981-15-5101-7_13
246	Komal Kumar N., Lakshmi Tulasi R., Vigneswari D.	Performance Analysis of Classification Methods for Cardio Vascular Disease (CVD)	Lecture Notes in Electrical Engineering	2021	668		10.1007/978-981-15-5341-7_93

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
247	Sankar K., Selvam K., Joy Ashwin K., Sathya Prasanth S.P.	Analysis of Corrosion Resistance in Domestic Water Geysers by Coating Nano-Film Using Thermal Spray Coating	Lecture Notes in Mechanical Engineering	2021			10.1007/978-981-15-4745-4_12
248	Komal Kumar N., Vigneswari D.	A Drug Recommendation System for Multi-disease in Health Care Using Machine Learning	Lecture Notes in Electrical Engineering	2021	668		10.1007/978-981-15-5341-7_1
249	Komal Kumar N., Vigneswari D.	A Multi-level Access Technique for Privacy-Preserving Perturbation in Association Rule Mining	Advances in Intelligent Systems and Computing	2021	1133		10.1007/978-981-15-3514-7_48
250	Illuri B., Jose D.	Highly protective framework for medical identity theft by combining data hiding with cryptography	Advances in Intelligent Systems and Computing	2021	1200 AISC		10.1007/978-3-030-51859-2_60
251	Mathavan S., Mothilal T., Dillibabu V., Billy D., Muthu G.	Emission characteristics study of Gasoline-Diesel and Gasoline-Diesel/pentanol blend	IOP Conference Series: Materials Science and Engineering	2020	988	1	10.1088/1757-899X/988/1/012050
252	Mothilal T., Ragothaman G., Joseph Manuel D., Socrates S., Mathavan S.	Analysis on mechanical properties of wood plastic composite	AIP Conference Proceedings	2020	2283		10.1063/5.0024893
253	Ragothaman G., Mothilal T., Rajkamal M.D., Kaliappan S., Mathavan S.	Performance and emission characteristics of diesel blended with sweet lime peel oil and corn oil	AIP Conference Proceedings	2020	2283		10.1063/5.0024898
254	Sadasivam S., Bai V.T.	Design of spanner shape micro strip patch antenna for Wi-Max applications	AIP Conference Proceedings	2020	2271		10.1063/5.0024755
255	Frieda F.S., Raj P.S.A., Sherin V., Kalaivani M.	Experimental investigation on traffic congestion control and maintenance system using internet of things	AIP Conference Proceedings	2020	2271		10.1063/5.0024769
256	Loganathan N., Shanmugapriya M., Logeswaran T., Dhanapal M.	Optimized energy management control over price-responsive demands	IOP Conference Series: Materials Science and Engineering	2020	906	1	10.1088/1757-899X/906/1/012013
257	Rajakumari K.E.	Towards a Novel Conceptual Framework for Analyzing Code Clones to Assist in Software Development and Software Reuse	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2020	2020			10.1109/ICICCS48265.2020.9120965
258	Pattabiraman J.	Management of stress – A mechanical system	Annual Meeting of the Society for Machinery Failure Prevention Technology, MFPT 2020	2020			
259	Muthu G., Thulasi S., Dhinakaran V., Mothilal T.	Performance of solar parabolic dish thermoelectric generator with PCM	Materials Today: Proceedings	2020	37	Part 2	10.1016/j.matpr.2020.06.123
260	Muruganandam D., Jayapriya J., Ramakrishnan G., Puthililbai G., Karthick P., Sudhakar M.	Enhancing heat transfer rate in heat exchanger using nano particles of the natural Clay	Materials Today: Proceedings	2020	33		10.1016/j.matpr.2020.07.661
261	Kennedy E., Sachin B.S., Ramachandra M., Niranjana C.A., Sriraman N., Jain V.K.S., Sathya Narayanan N.	Effect of ZrO ₂ nano-particles on mechanical and corrosion behaviour of Al2024 alloy	Materials Today: Proceedings	2020	39		10.1016/j.matpr.2020.06.194

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
262	Vidhyasagar B.S., Perinbam J.R.P., Krishnamurthy M., Arunnehr J.	A Cost-Effective Data Node Management Scheme for Hadoop Clusters in Cloud Environment	Communications in Computer and Information Science	2020	1203 CCIS		10.1007/978-981-15-4301-2_3
263	Loganathan N., Arvin Tony A., Malini T., Gobhinath S.	Comparison of Renewable Energy Generation in an Electrical Network with Energy Storage System	Lecture Notes in Electrical Engineering	2020	626		10.1007/978-981-15-2256-7_31
264	Varalakshmi J., Jose D., Kumar P.N.	FPGA implementation of haze removal technique based on dark channel prior	Advances in Intelligent Systems and Computing	2020	1108 AISC		10.1007/978-3-030-37218-7_71
265	Prabu R.T., Benisha M., Bai V.T.	Characteristics of Alpha/Numeric Shape Microstrip Patch Antenna for Multiband Applications	Advances in Intelligent Systems and Computing	2020	941		10.1007/978-3-030-16660-1_86
266	Meena R., Bai V.T.	Study on Machine learning based Social Media and Sentiment analysis for medical data applications	Proceedings of the 3rd International Conference on I-SMAC IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2019	2019			10.1109/I-SMAC47947.2019.9032580
267	Roopa V., Shyni C.E.	Data Driven Approach for Farm Re-Modeling Using Prediction Analytics	Proceedings of 2019 International Conference on Computational Intelligence and Knowledge Economy, ICCIKE 2019	2019			10.1109/ICCIKE47802.2019.9004309
268	Anuradha T., Ramya K., Selvam R.	Design and implementation of solar powered automatic pesticide sprayer for agriculture	Journal of Physics: Conference Series	2019	1362	1	10.1088/1742-6596/1362/1/012048
269	Prathiba M., Jose D., Saranya R., Nandhinidevi	Automated Melanoma Recognition in Dermoscopy Images via Very Deep Residual Networks	IOP Conference Series: Materials Science and Engineering	2019	561	1	10.1088/1757-899X/561/1/012107
270	Dayalan S., Rathinam R., Valliappan S.	Optimal Sizing and Energy Management of a Microgrid Using Single and Multi-Objective Particle Swarm Optimization under Autonomous and Grid Connected Mode	SAE Technical Papers	2019		October	10.4271/2019-28-0158
271	Frank Vijay J.	Cloud data analysis using a genetic algorithm-based job scheduling process	Expert Systems	2019	36	5	10.1111/exsy.12436
272	Balamurugan K., Chitra K., Jawahar A.	Reconfigurable routing protocol with optical sphere in FSO MANET	Concurrency and Computation: Practice and Experience	2019	31	14	10.1002/cpe.4874
273	Gowtham S., Keerthana I., Balaji M.	Characterization and Classification of Hall Sensor Faults using S-Transform Analysis on BLDC Motor Drive	2019 IEEE 1st International Conference on Energy, Systems and Information Processing, ICESIP 2019	2019			10.1109/ICESIP46348.2019.8938284
274	Jayanthi S.N., Bhuvaneswari N.	Growth, mechanical, dielectric and photoconducting properties of thiourea added L-histidine crystals (TLH)	AIP Conference Proceedings	2019	2117		10.1063/1.5114600
275	Subashini G., Manimekalai K., Ramanathan K.	Prime cordial labeling of HnK2 graph	AIP Conference Proceedings	2019	2112		10.1063/1.5112313
276	Jagadeeswari P., Manimekalai K., Ramanathan K.	Square difference labeling of H - Graphs	AIP Conference Proceedings	2019	2112		10.1063/1.5112332

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
277	Arthy J., Manimekalai K., Ramanathan K.	Cube difference labeling of some special graphs	AIP Conference Proceedings	2019	2112		10.1063/1.5112325
278	Nagarajan D., Tamizhi T., Lathamaheswari M., Kavikumar J.	Traffic control management using Gauss Jordan method under neutrosophic environment	AIP Conference Proceedings	2019	2112		10.1063/1.5112245
279	Jayanthi S.N., Bhuvaneswari N., Balaji V., Mathangi R.P., Thamizharasan K.	Dielectric behavior of NLO active dl-methionine doped copper sulphate (MCS) crystal	Materials Today: Proceedings	2019	18		10.1016/j.matpr.2019.07.079
280	Mathangi R.P., Prabakaran A.R., Jayanthi S.N., Thamizharasan K.	Structural, optical, mechanical and laser damage threshold studies on an active nonlinear optical material: potassium thiourea bromide (ktb) in a novel crystal system	Materials Today: Proceedings	2019	18		10.1016/j.matpr.2019.07.236
281	Prince Jeya Lal L., Yuvaraj G., Ramesh S.	Investigation of energy absorption behaviour of square aluminium tubes with cutouts under axial compression	Materials Science Forum	2019	969 MSF		10.4028/www.scientific.net/MSF.969.181
282	Balaguru S., Natarajan E., Ramesh S., Muthuvijayan B.	Structural and modal analysis of scooter frame for design improvement	Materials Today: Proceedings	2019	16		10.1016/j.matpr.2019.05.202
283	Arun Kumar R., Ramesh S., Kedarvignesh E.S., Aravind Arulchelvam M.S., Anjunath S.	Review of friction stir processing of magnesium alloys	Materials Today: Proceedings	2019	16		10.1016/j.matpr.2019.05.230
284	Yuvaraj G., Fannan C.B.V., Junaith A.P., Aakash V.	Investigation the effect of point angle while drilling titanium	Materials Today: Proceedings	2019	16		10.1016/j.matpr.2019.05.164
285	Lokanatha Reddy P., Deshmukh K., Chidambaram K., Ahamed B., Sadasivuni K.K., Ponnammma D., Lakshmipathy R., Dayananda D., Khadheer Pasha S.K.	Effect of poly ethylene glycol (PEG) on structural, thermal and photoluminescence properties of CdO nanoparticles for optoelectronic applications	Materials Today: Proceedings	2019	9		10.1016/j.matpr.2019.02.150
286	Vasanth Kumar V., Sendhilkumar S., Mahalakshmi G.S.	Improving accuracy of short text categorization using contextual information	Advances in Intelligent Systems and Computing	2019	713		10.1007/978-981-13-1708-8_26
287	Benisha M., Thandaiah Prabu R., Thulasi Bai V.	Analytical survey on parameters for designing an efficient 5G antenna system	Smart Innovation, Systems and Technologies	2019	104		10.1007/978-981-13-1921-1_34
288	Thandaiah Prabu R., Benisha M., Thulasi Bai V., Ranjeetha R.	Design of 5G mm-wave antenna using line feed and corporate feed techniques	Smart Innovation, Systems and Technologies	2019	104		10.1007/978-981-13-1921-1_37
289	Natarajan E., Hong L.W., Ramasamy M., Hou C.C., Sengottuvelu R.	Design and Development of a Robot Gripper for Food Industries using Coanda Effect	2018 IEEE 4th International Symposium in Robotics and Manufacturing Automation, ROMA 2018	2018			10.1109/ROMA46407.2018.8986699

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
290	Premalatha G., Thulasibai D.V.	An effective patient monitoring system using IOT	Proceedings of the 4th IEEE International Conference on Advances in Electrical and Electronics, Information, Communication and Bio-Informatics, AEEICB 2018	2018			10.1109/AEEICB.2018.8480975
291	Shyni C.E., Sundar A.D., Ebby G.S.E.	Phishing Detection in Websites using Parse Tree Validation	IEEE International Conference on 2018 Recent Advances in Engineering, Technology and Computational Sciences, RAETCS 2018	2018			10.1109/RAETCS.2018.8443961
292	Anuradha T., Deivasundari P.	A Multi Objective Control Strategy Based Power Flow Management of PV System for Remote Power Solutions	Proceedings of 2018 IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES 2018	2018			10.1109/PEDES.2018.8707851
293	Srinivasan S., Parvathy A.K., Deivasundari P.	Dual active bridge - A good candidate for solid state transformer	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPCSI 2017	2018			10.1109/ICPCSI.2017.8391924
294	Vani Y.S.K., Krishnamurthy	Survey: Anomaly detection in network using big data analytics	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017	2018			10.1109/ICECDS.2017.8390083
295	Prince Jeya Lal L., Ramesh S., Natarajan E.	Study on the repeatability of manufacturing nano-silica (SiO ₂) reinforced composite laminates	IOP Conference Series: Materials Science and Engineering	2018	346	1	10.1088/1757-899X/346/1/012083
296	Ramesh S., Govindaraju N., Suryanarayan C.P.	Investigation on Mechanical and Fatigue behaviour of Aluminium Based SiC/ZrO ₂ Particle Reinforced MMC	IOP Conference Series: Materials Science and Engineering	2018	346	1	10.1088/1757-899X/346/1/012030
297	Tony B.J.A.R., Karthikeyen S., Alex B.J.A.R., Ali Hasan Z.J.	Injection Molding Parameters Calculations by Using Visual Basic (VB) Programming	IOP Conference Series: Materials Science and Engineering	2018	330	1	10.1088/1757-899X/330/1/012088
298	Manigandan S., Vijayaraja K.	Mixing Characteristics of Elliptical Jet Control with Crosswire	IOP Conference Series: Materials Science and Engineering	2018	310	1	10.1088/1757-899X/310/1/012163
299	Mathangi R.P., Prabhakaran A.R., Jayanthi S.N., Thamizharasan K.	Structural, optical and mechanical studies on a novel nonlinear optical material: L-arginine potassium penta borate(LAKB5) crystals	Materials Today: Proceedings	2018	5	9	10.1016/j.matpr.2018.06.096
300	Nalini Jayanthi S., Bhuvaneswari N., Thamizharasan K.	Growth and characterization of non-linear optical DL-methionine doped copper sulphate (MCS) single crystal	Materials Today: Proceedings	2018	5	9	10.1016/j.matpr.2018.06.093

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301	Rajendran P.S.	Gesture supporting smart notice board using augmented reality	Communications in Computer and Information Science	2018	828		10.1007/978-981-10-8660-1_8
302	Manigandan S., Vijayaraja K., Durga Revanth G., Anudeep A.V.S.C.	Mixing and entrainment characteristics of jet control with crosswire	Advances in Intelligent Systems and Computing	2018	705		10.1007/978-981-10-8569-7_13
303	Srinivasan S., Raja K.	An advanced dynamic authentic security method for cloud computing	Advances in Intelligent Systems and Computing	2018	729		10.1007/978-981-10-8536-9_15
304	Balamurugan K., Chitra K., Jawahar A.	Enhanced Hierarchical Cluster Based Routing Protocol with Optical Sphere in FSO MANET	Lecture Notes in Electrical Engineering	2018	468		10.1007/978-981-10-7293-2_1
305	Nalini Jayanthi S., Bhuvaneswari N.	Growth and characterization of L-histidinium perchlorate crystals (LHP)	Materials Today: Proceedings	2018	5	2	10.1016/j.matpr.2017.11.580
306	Bhuvaneswari N., Nalini Jayanthi S.	Effect of L-threonine on the optical and electrical properties of TTZS crystal	Materials Today: Proceedings	2018	5	2	10.1016/j.matpr.2017.11.582
307	Prabu R.T., Ranjeetha R., Thulasi Bai V., Jayanandan T.	Design of alpha/numeric microstrip patch antenna for Wi-Fi applications	Advances in Intelligent Systems and Computing	2018	542		10.1007/978-981-10-3223-3_3
308	Muniraj M., Qureshi A.R., Vijayakumar D., Viswanathan A.R., Bharathi N.	Geo tagged internet of things (IoT) device for radiation monitoring	2017 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2017	2017	2017-January		10.1109/ICACCI.2017.8125878
309	Balamurugan S., Saravanakamalam D.	Energy monitoring and management using internet of things	International Conference on Power and Embedded Drive Control, ICPEDC 2017	2017			10.1109/ICPEDC.2017.8081088
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311	Kalamegam P.	Usage of CPN models in web service compositions-A survey	Proceedings - 2017 International Conference on Technical Advancements in Computers and Communication, ICTACC 2017	2017	2017-October		10.1109/ICTACC.2017.12
312	Vivekanandhan, Sivasubramani	Attacks in online and OTIP	Proceedings - 2017 International Conference on Technical Advancements in Computers and Communication, ICTACC 2017	2017	2017-October		10.1109/ICTACC.2017.27

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313	Sajeetha K., Roja M.C., Saishree S., Vinothini M., Siva R.	Emergency medical vehicle	Proceedings - 2017 International Conference on Technical Advancements in Computers and Communication, ICTACC 2017	2017	2017- October		10.1109/ICTACC.2017.40
314	Madumitha R., Keerthana V., Dhivya V., Selvi S.P.T.	Cloud scheduling in video transcoding	Proceedings - 2017 International Conference on Technical Advancements in Computers and Communication, ICTACC 2017	2017	2017- October		10.1109/ICTACC.2017.34
315	Vinod V., Somnath V., Anitha M.E.	A novel opinion mining on ativan	Proceedings - 2017 International Conference on Technical Advancements in Computers and Communication, ICTACC 2017	2017	2017- October		10.1109/ICTACC.2017.32
316	Swetha S., Suprajah S., Kanna S.V., Dhanalakshmi R.	An intelligent monitor system for home appliances using IoT	Proceedings - 2017 International Conference on Technical Advancements in Computers and Communication, ICTACC 2017	2017	2017- October		10.1109/ICTACC.2017.35
317	Nivedha B., Priyadarshini M., Thendral E., Deenadayalan T.	Lossless image compression in cloud computing	Proceedings - 2017 International Conference on Technical Advancements in Computers and Communication, ICTACC 2017	2017	2017- October		10.1109/ICTACC.2017.37
318	Kumar V., Sendhilkumar S., Mahalakshmi G.S.	Author similarity identification using citation context and proximity	Proceedings - 2017 2nd International Conference on Recent Trends and Challenges in Computational Models, ICRTCCM 2017	2017			10.1109/ICRTCCM.2017.46

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319	Anuradha T., Sundari P.D., Padmanaban S., Siano P., Leonowicz Z.	Comparative analysis of common MPPT techniques for solar PV system with soft switched, interleaved isolated converter	Conference Proceedings - 2017 17th IEEE International Conference on Environment and Electrical Engineering and 2017 1st IEEE Industrial and Commercial Power Systems Europe, IEEEIC / I and CPS Europe 2017	2017			10.1109/IEEEIC.2017.7977885
320	Rajendran P.S., Sharon R.	Dynamic question answering system based on ontology	2017 International Conference on Soft Computing and its Engineering Applications: Harnessing Soft Computing Techniques for Smart and Better World, icSoftComp 2017	2017	2018-January		10.1109/ICSOFTCOMP.2017.8280094
321	Tony B.J.A.R., Karthikeyen S., Alex B.J.A.R.	Injection Mold Design Parameters Calculation Using Pro/Plastic Advisor for Spur Gear	Materials Today: Proceedings	2017	4	10	10.1016/j.matpr.2017.08.075
322	Natarajan S., Kumar M.A., Sundareswaran A.U.M.	Computational Analysis of an Early Direct Injected HCCI Engine Using Bio Ethanol and Diesel Blends as Fuel	Energy Procedia	2017	105		10.1016/j.egypro.2017.03.325
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324	Jayanthi S.N., Thamizharasan K.	Vickers Microindentation Hardness Studies of DL-methionine Doped Copper Sulphate (MCS) single crystal	Materials Today: Proceedings	2017	4	2	10.1016/j.matpr.2017.01.033
325	Gayathri R., Mayurappriyan P.S.	Genetic algorithm based placement and sizing of distributed generators	Advances in Intelligent Systems and Computing	2017	467		10.1007/978-981-10-1645-5_32
326	Pal H.D., Kavitha B.	Multi-application antenna for indoor distribution antenna system like Wi-Fi, Wi-max and bluetooth	Advances in Intelligent Systems and Computing	2017	467		10.1007/978-981-10-1645-5_21
327	Loganathan N., Lakshmi K., Arun Venkatesh J.	A robust energy management system for smart grid	Advances in Intelligent Systems and Computing	2017	467		10.1007/978-981-10-1645-5_36
328	Augustine B.S.M., Mohankumar M., Yoga Anandh T.M.	Innovation in the operation of UAV sensors	Advances in Intelligent Systems and Computing	2017	467		10.1007/978-981-10-1645-5_38
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330	Anuradha T., Senthil Kumar V., Deiva Sundari P.	Analysis and implementation of MPPT algorithm for a PV system with high efficiency interleaved isolated converter	Advances in Intelligent Systems and Computing	2017	467		10.1007/978-981-10-1645-5_46
331	Sathish Gandhi V.C., Kumaravelan R., Ramesh S., Venkatesan M.	Computational study of coil helical spring: Automobile clutch	Advances in Intelligent Systems and Computing	2017	467		10.1007/978-981-10-1645-5_44

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333	Kumari Sheeja S., Lakshmi S., Sobha L.D.	A rule based approach for connective in Malayalam language	Advances in Intelligent Systems and Computing	2017	467		10.1007/978-981-10-1645-5_8
334	Presh Nave M., Priyatharshini K., Nijandhan N., Pradeep S.	Adaptive control technique for generator side power system voltage stability at wind power station	Advances in Intelligent Systems and Computing	2017	467		10.1007/978-981-10-1645-5_45
335	Uthirasamy R., Mayurappriyan P.S., Krishnakumar C.	Distinct exploration on two-level and hybrid multilevel converter for standalone solar PV systems	Advances in Intelligent Systems and Computing	2017	467		10.1007/978-981-10-1645-5_25
336	Siva Rama Rao A.V.S., Dhana Lakshmi R.	A survey on challenges in integrating big data	Advances in Intelligent Systems and Computing	2017	467		10.1007/978-981-10-1645-5_48
337	Ayvarnam N., Mayurappriyan P.S.	Dynamic scheduling of machines towards the vision of industry 4.0 studio—a case study	Advances in Intelligent Systems and Computing	2017	467		10.1007/978-981-10-1645-5_9
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340	Balaji S., Rajesh S., Arunvenkatesh J.	An inductor less DC-DC voltage magnifier for solar photovoltaic system	International Conference on Electrical, Electronics, and Optimization Techniques, ICEEOT 2016	2016			10.1109/ICEEOT.2016.7755611
341	Nave M.P., Gayathri R., Pradheep D.	A novel technique for adaptive filtering and compression of fetal cardiotocography using system generator	International Conference on Electrical, Electronics, and Optimization Techniques, ICEEOT 2016	2016			10.1109/ICEEOT.2016.7754875
342	Revati D., Puja Priyadarshini N., Natarajan E.	A simulation study on critical factors that influence electrical performance of photovoltaic module	Proceedings of the 10th International Conference on Intelligent Systems and Control, ISCO 2016	2016			10.1109/ISCO.2016.7727026
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344	Rahila R., Siva R.	A framework for mining unifying trajectory patterns using spatiotemporal datasets based on varying temporal tightness	Pakistan Journal of Biotechnology	2016	13		

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346	Mahalakshmi V., Mathew A.A., Bharathi S.S.C., Jenith J.A.	Implementation of an embedded system of UART and LED using UBOOT & Linux	2015 International Conference on Smart Technologies and Management for Computing, Communication, Controls, Energy and Materials, ICSTM 2015 - Proceedings	2015			10.1109/ICSTM.2015.7225464
347	Ramya L.N.	A case study on effective consumption of energy using sensor based switching system	ICIIECS 2015 - 2015 IEEE International Conference on Innovations in Information, Embedded and Communication Systems	2015			10.1109/ICIIECS.2015.7192908
348	Punithavathy K., Ramya M.M., Poobal S.	Analysis of statistical texture features for automatic lung cancer detection in PET/CT images	Proceedings of 2015 International Conference on Robotics, Automation, Control and Embedded Systems, RACE 2015	2015			10.1109/RACE.2015.7097244
349	Asad Ahmed R., Venkatraman S., Thanigaarasu S., Elangovan S., Rathakrishnan E.	Study of slanted perforated shapes in tabs for control of subsonic jets	33rd AIAA Applied Aerodynamics Conference	2015			10.2514/6.2015-2423
350	Jayanthi S.N., Prabakaran A.R., Subashini D., Thamizharasan K.	Analysis of Mechanical Properties of L-Histidinium Perchlorate (LHP) Crystals	Materials Today: Proceedings	2015	2	5-Apr	10.1016/j.matpr.2015.07.054
351	Pattabiraman J.	Integrated approach to engineering design and analysis, vibration failure analysis, prevention and life extension using feedback control system concept	Joint Conference: MFPT 2015 and ISA's 61st International Instrumentation Symposium - Technology Evolution: Sensors to Systems for Failure Prevention	2015			
352	Nakandhrakumar R.S., Dinakaran D., Pattabiraman J., Sathishkumar S., Gopal M.	Tool wear monitoring in drilling by spectral analysis of vibration signals and verification through finite element analysis	Joint Conference: MFPT 2015 and ISA's 61st International Instrumentation Symposium - Technology Evolution: Sensors to Systems for Failure Prevention	2015			
353	Mahalakshmi G.S., Siva R., Sendhilkumar S.	Context based retrieval of scientific publications via reader lens	Smart Innovation, Systems and Technologies	2015	33		10.1007/978-81-322-2202-6_53

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355	Ranganathan S., Krishnan R., Sriharsha H.S.	Efficient hardware implementation of scalable FFT using configurable Radix-4/2	Proceedings of the IEEE International Caracas Conference on Devices, Circuits and Systems, ICCDCS	2014			10.1109/ICDCSyst.2014.6926131
356	Krishnamurthy M., Jaishree N.A.A., Pillai A.S., Kannan A.	Ranking model adaptation for domain specific mining using binary classifier for sponsored ads	2014 14th International Conference on Hybrid Intelligent Systems, HIS 2014	2014			10.1109/HIS.2014.7086171
357	Ranganathan S., Krishnan R., Sriharsha H.S.	Efficient hardware implementation of 1024 Point Radix-4 FFT	Advances in Intelligent Systems and Computing	2014	264		10.1007/978-3-319-04960-1_18
358	Ramesh T., Bharanidaran R., Gopal V.	Design and development of XY micro-positioning stage using modified topology optimization technique	Applied Mechanics and Materials	2014	592-594		10.4028/www.scientific.net/AMM.592-594.2220
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361	Govindaraj T., Ravi S., Balakrishnan P.A.	Design and development of maximum power point tracking in wind power optimization using fuzzy PLL controller	2013 IEEE International Conference on Emerging Trends in Computing, Communication and Nanotechnology, ICE-CCN 2013	2013			10.1109/ICE-CCN.2013.6528528
362	Anbarasan M., Prasad S.J.S., Meenakumari R., Balakrishnan P.A.	Modified PID controller for avoiding overshoot in temperature of barrel heating system	2013 International Conference on Emerging Trends in VLSI, Embedded System, Nano Electronics and Telecommunication System, ICEVENT 2013	2013			10.1109/ICEVENT.2013.6496531
363	Fayaaz Hussain G., Nasser A.S., Nawaz M.M., Mondal B.K., Karthikeyan N.	Effect of perforated tabs on the noise field of an axisymmetric jet	Applied Mechanics and Materials	2013	307		10.4028/www.scientific.net/AMM.307.250
364	Umamaheswari S., Meganathan D., Perinbam J.R.P.	Customized adaptive algorithm for deadlock-free routing in irregular mesh NOC	IET Seminar Digest	2013	2013	8	10.1049/ic.2013.0326
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367	Vijayan T., Kumar N.A., Sivachandar K.	An improved low-resolution face tracker system using gradient logarithm field feature space and bi-cubic interpolation	2013 International Conference on Human Computer Interactions, ICHCI 2013	2013			10.1109/ICHCI-IEEE.2013.6887823
368	Easu D., Siddharthan A.	Theoretical and experimental analysis of a vibration isolation system using hybrid magnet	Procedia Engineering	2013	64		10.1016/j.proeng.2013.09.192
369	Sam L., Suba K., Amrutha R.	Comparative study of thermochemical properties of fluorographene at different temperatures: A computational approach	Asian Journal of Chemistry	2013	25	SUPPL	
370	Danishkumar S., Sanmathipriya R.S.	Attendance system based on biometric security	Applied Mechanics and Materials	2012	229-231		10.4028/www.scientific.net/AMM.229-231.2789
371	George T.S., Sreekantha Kumar V.P.	Multicloud computing for on-demand resource provisioning using clustering	IET Conference Publications	2012	2012	624 CP	10.1049/cp.2012.2252
372	Bharathi Mohan G., Prasanna Kumar R., Ravi T.	Coalescing clustering and classification	IET Conference Publications	2012	2012	624 CP	10.1049/cp.2012.2254
373	Cloudin S., Kalairani	Reliable routing strategy for data communication in vehicular adhoc networks	IET Conference Publications	2012	2012	624 CP	10.1049/cp.2012.2253
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377	Gopal A., Subhasree R., Srinivasan V.K., Varsha N.K., Poobal S.	Classification of color objects like fruits using probability density function (PDF)	2012 International Conference on Machine Vision and Image Processing, MVIP 2012	2012			10.1109/MVIP.2012.6428746
378	Praveen Kumar M., Pradeep G.	Automated mobile physiological measurement system	2012 3rd International Conference on Computing, Communication and Networking Technologies, ICCCNT 2012	2012			10.1109/ICCCNT.2012.6396023
379	Ravi S., Sudha M., Balakrishnan P.A.	Design and development of a microcontroller based neuro fuzzy temperature controller	2012 International Conference on Informatics, Electronics and Vision, ICIEV 2012	2012			10.1109/ICIEV.2012.6317541
380	Shekhar S., Kumar B.V.S., Ramesh S.	Robust approach for palm (Roi) extraction in palmprint recognition system	AICERA 2012 - Annual International Conference on Emerging Research Areas: Innovative Practices and Future Trends	2012			10.1109/AICERA.2012.6306747

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
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382	Karthikeyan K., Bajpai G.	Two layered embedded encryption for multiple frequency RFID tags	Advanced Materials Research	2012	367		10.4028/www.scientific.net/AMR.367.83
383	Thomas P.C., Balakrishnan P.A.	Reliability analysis of smart-grid generation pools	2011 IEEE PES International Conference on Innovative Smart Grid Technologies-India, ISGT India 2011	2011			10.1109/ISET-India.2011.6145361
384	Tamilarasi S., Ravi T., Ramakrishnan M.	Analysis service oriented architecture through component based development paradigm	IET Conference Publications	2011	2011	583 CP	10.1049/cp.2011.0484
385	Kanya N., Ravi T., Geetha S.	A comparative study of information extraction tools used for biological database	IET Conference Publications	2011	2011	583 CP	10.1049/cp.2011.0492
386	Rajmohan V., Ranganathan V.	Design of counters using reversible logic	ICECT 2011 - 2011 3rd International Conference on Electronics Computer Technology	2011	5		10.1109/ICECTECH.2011.5941973
387	Ferdin Joe J., Ravi T., John Justus C.	Classification of correlated subspaces using HoVer representation of Census Data	2011 International Conference on Emerging Trends in Electrical and Computer Technology, ICETECT 2011	2011			10.1109/ICETECT.2011.5760248
388	Poonkuzhali G., Kumar R.K., Kripa Keshav R., Thiagarajan K., Sarukesi K.	Statistical approach for improving the quality of search results	10th WSEAS International Conference on Applied Computer and Applied Computational Science, ACACOS'11	2011			
389	Sudhakar P., Poonkuzhali G., Thiagarajan K., Kripa Keshav R., Sarukesi K.	Fuzzy logic for E-mail spam deduction	10th WSEAS International Conference on Applied Computer and Applied Computational Science, ACACOS'11	2011			
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393	Kumar R.P., Ravi T.	FFT based data perturbation method in WSN routing	2010 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2010	2010			10.1109/ICCIC.2010.5705758
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395	Ferdin J.J., Ravi T., Natarajan A., Prakash Kumar S.	Object recognition of leukemia affected cells using DCC and IFS	2010 2nd International Conference on Computing, Communication and Networking Technologies, ICCCNT 2010	2010			10.1109/ICCCNT.2010.5591694
396	Amrutha R., Sam L., Chandran P.	A study of the dipole moments and theoretical vibrational frequencies of dihydroxy benzenes	2nd International Conference on Computer Research and Development, ICCRD 2010	2010			10.1109/ICCRD.2010.108
397	Chandrasekaran S., Swaminathan P., Al M., Dipesh Dugar M.	Rewards based service computing model in health care systems	International Conference on Enterprise Information Systems and Web Technologies 2009, EISWT 2009	2009			
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400	Vivekananthamoorthy N., Sankar S., Siva R., Sharmila S.	New paradigms for innovation in teaching and learning process	ICTKE 2009 - Proceedings 2009 7th International Conference on ICT and Knowledge Engineering	2009			10.1109/ICTKE.2009.5397338

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
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402	Geo V.E., Nagarajan G., Nagalingam B.	Experimental Investigations to Improve the Performance of Rubber Seed Oil by Exhaust Gas Preheating	SAE Technical Papers	2008	2008-September	September	10.4271/2008-28-0049
403	Edwin Geo V., Nagarajan G., Nagalingam B.	A comparative combustion analysis of rubber seed oil and its methyl ester in a D.I. Diesel engine	SAE Technical Papers	2008			10.4271/2008-01-1386
404	Chandrasekaran S., Dinesh C., Ramesh K., Murugappan A.	A formal approach for identity management in federated web services	International Conference on High Performance Computing, Networking and Communication Systems 2007, HPCNCS 2007	2007			
405	Jayaraj V., Srinivasan K.	Experimental investigation on ptfе composites for journal bearings	ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE)	2007	3		10.1115/IMECE200743067
406	Ramesh R., Kumar S.S.	Secure position routing using ad hoc network	ISAHUC' 06 - Proceedings of 2006 International Symposium on Ad Hoc and Ubiquitous Computing	2006			10.1109/ISAHUC.2006.4290678
407	Ajith S., Athmaraman N.	Constructing precise geometric models of virtual environments using image based view synthesis	IEEE International Conference on Computer Systems and Applications, 2006	2006	2006		

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KCG COLLEGE OF TECHNOLOGY

BOOK CHAPTERS

30-October-2023

S.No	Author	Title	Source Title	Year	Volume	Issue	DOI
1	Anand J., Dhanalakshmi R.	Hygieia: Multipurpose healthcare assistance using the internet of things	Internet of Medical Things in Smart Healthcare: Post-COVID-19 Pandemic Scenario	2023			
2	Ponmalar A., Anand J.	IoMT-based caring system for aged people in a post-COVID scenario	Internet of Medical Things in Smart Healthcare: Post-COVID-19 Pandemic Scenario	2023			
3	Sushma S., Anuradha T., Denslin Brabin D.R., Jose Anand A.	Artificial intelligence in orthopedic implant model classification	Handbook of Research on Advanced Functional Materials for Orthopedic Applications	2023			10.4018/978-1-6684-7412-9.ch006
4	Nishanth J.R., Kushwaha K.K., Deshmukh M.A., Balaji S., Kushwah R., Sampath B.	Particle swarm optimization of hybrid renewable energy systems	Intelligent Engineering Applications and Applied Sciences for Sustainability	2023			10.4018/979-8-3693-0044-2.ch016
5	Jones A., Ramya B., Sreedharani M.P., Yuvashree R.M., Jacob J.	Tyro: A Mobile Inventory Pod for e-Commerce Services	Lecture Notes on Data Engineering and Communications Technologies	2023	163		10.1007/978-981-99-0609-3_28
6	Anand J., Aasish C., Syam Narayanan S., Asad Ahmed R.	Drones for Disaster Response and Management	Internet of Drones: Applications, Opportunities, and Challenges	2023			10.1201/9781003252085-11
7	Goudhaman M., Sasikumar S., Vanathi N.	Fuzzy C-Means and Fuzzy Cheetah Chase Optimization Algorithm	Lecture Notes in Networks and Systems	2023	551		10.1007/978-981-19-6631-6_30
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