

## MLR Institute of Technology Research Publications (01/01/2021-31/12/2021)

S. No.	Authors	Title	Journal	Volume	Issue	Page No.	Year
1	Kumar, C.A., Babu, V.S.	Heterogeneous wireless sensor networks clustering and energy efficient routing optimization algorithm	AIP Conference Proceedings	2407		-	2021
2	Kolluru, D.S., Reddy, P.B.	Review on communication technologies in telecommunications from conventional telephones to smart phones	AIP Conference Proceedings	2407		-	2021
3	S, A.T., M, B., V, A., R, T., T, R., A, B.	Multi party secure data access management in cloud using user centric block chain data encryption	Pattern Recognition Letters	152		295-301	2021
4	Vijay, V., Reddy, C.V.S.K., Pittala, C.S., Vallabhuni, R.R., Saritha, M., Lavanya, M., Venkateswarlu, S.C., Sreevani, M.	ECG performance validation using operational transconductance amplifier with bias current	International Journal of Systems Assurance Engineering and Management	12	6	1173-1179	2021
5	Kumar, V.G.B., Phanibabu, V.V., Pramod, R., Mantha, V.S.R.	Investigation on tribological properties of heat treated Al6061/WC/Gr HMMCs	AIP Conference Proceedings	2408		-	2021

6	Gollapelli, B., Tatipamula, A.K., Dewanjee, S., Pathinti, R.S., Vallamkondu, J.	Detection of bile acids using optical biosensors based on cholesteric liquid crystal droplets	Journal of Materials Chemistry C	9	39	13991-14002	2021
7	Rani, B.M.S., Majety, V.D., Pittala, C.S., Vijay, V., Sandeep, K.S., Kiran, S.	Road identification through efficient edge segmentation based on morphological operations	Traitement du Signal	38	5	1503-1508	2021
8	Annakodi, V.A., Singh, R.A., Jayalakshmi, S., Zhang, Y., Rao, K.S., Shabadi, R.	Anticorrosion behaviour of SS304 microgroove surfaces in saline water	Metals	11	10	-	2021
9	Kumpati, R., Skarka, W., Ontipuli, S.K.	Current trends in integration of nondestructive testing methods for engineered materials testing	Sensors	21	18	-	2021
10	Subrahmanyam, V.S.R., Natarajan, P.B., Kavva, V.	Area Efficient Approximate Constant-or Adder	2021 Asian Conference on Innovation in Technology, ASIANCON 2021			-	2021
11	Kolluru, D.S., Bhaskara Reddy, P.	IP to IP Calling through Socket Programming	2021 Asian Conference on Innovation in Technology, ASIANCON 2021			-	2021

12	Maniusha, K.A., Naresh, B., Subodh, D., Sahithya, K.	Low Power and Area Efficiency ALU with Different Type of Low Power in Full Adders	2021 Asian Conference on Innovation in Technology, ASIANCON 2021			-	2021
13	Vucha, M., Rao, K.S., Arun, V.	Low Area and High Throughput Architectures of FIR Filter for Data Streaming DSP Applications	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021			58-62	2021
14	Peneti, S., Sunil Kumar, M., Kallam, S., Patan, R., Bhaskar, V., Ramachandran, M.	BDN-GWMNN: Internet of Things (IoT) Enabled Secure Smart City Applications	Wireless Personal Communications	119	3	2469-2485	2021
15	Prasad, R., Kumar, H., Kumar, P., Tewari, S.P., Singh, J.K.	Unidirectional Sliding Characteristics of As-Cast and Multi-Pass Friction Stir Processed ZrB <sub>2</sub> /AA7075 In-Situ Composites	Journal of Tribology	143	8	-	2021
16	Kalimuthu, K., Balarengadurai, C., Akilandeswari, A., Raja, A.	Healthcare Technology with Flexible Smash Crystal Access Management System	Journal of Physics: Conference Series	1964	6	-	2021
17	Nagalakshmi, M., Saravanan, K., Jabirullah, M., Rajesh Kumar, T.	Blockchain Confidence Protection and Cloud Chain Management Support	Journal of Physics: Conference Series	1964	4	-	2021

18	Jabirullah, M., Nagalakshmi, M., Saravanan, K., Anantha Raman, G.R.	Power Route Selection for Spatial Modulation and Multi-Hop Wireless Networks with Minimal Energy Supplies	Journal of Physics: Conference Series	1964	6	-	2021
19	Ravi Prasad, B., Saurav, S., Sangeerani Devi, A., Loganathan, V.	Developing an Effective Graph Based Block Chain Framework	Journal of Physics: Conference Series	1964	4	-	2021
20	Balarengadurai, C., Akilandeswari, A., Raja, A., Kalimuthu, K.	Community-Friendly and Cost-Effective Monitoring Device for Environmental Pollution Using IoT	Journal of Physics: Conference Series	1964	4	-	2021
21	Sangeerani Devi, A., Ravi Prasad, B., Loganathan, V., Saurav, S.	A Hybrid Structural Building Data Mining System Based on the Data Tracking through Devices	Journal of Physics: Conference Series	1964	4	-	2021
22	Neeraja, K., Srinivas Rao, K., Praneeth, G.	Deep Learning based Lip Movement Technique for Mute	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			1446-1450	2021
23	Keertika, V., Taruni, B., Bhavan, R., Begum, M.S., Ashiya, S.	Big data Analytics based Tourist Behaviour Analysis	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			1888-1892	2021

24	Sreeram, D., Peneti, S., Tejaswi, P., Chandra, N.S., Yadav, R.M.	Helmet Detection using Machine Learning Techniques	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			1250-1254	2021
25	Vucha, M., Siridhara, A.L.	Cordic Architecture for Discrete Cosine Transform	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			229-232	2021
26	Prasad, K.S., Subhashini, P., Reddy, K.A., Kumar, P.S., Siva Sai, G.V., Krishna Reddy, K.V.	Mobile Recommendation System Using Mapreduce	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			-	2021
27	Devika, P., Veena, A., Srilakshmi, E., Reddy, A.R., Praveen, E.	Detection of fake reviews using NLP Sentiment Analysis	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			1534-1537	2021
28	Vadlamudi, S., Jangam, N.R.	Identification of Facial Image Based Detection Using Image Transformation Approach	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			1133-1137	2021
29	SpandanaVaishnavi, A., Ashish, A., Sai Pranavi, N., Amulya, S.	Big Data Analytics based Smart Agriculture	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			534-537	2021

30	Chandra Sekhar Reddy, N., Subhashini, V., Rai, D., Sriharsha, Vittal, B., Ganesh, S.	Product rating estimation using machine learning	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			1366-1369	2021
31	Vadlamudi, S., Jangam, N., Prasad, S.V.S.	IoT (LoRa WAN) Architecture Design for Meteorological data System	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			503-506	2021
32	Rajarajeswari, T.S., Pushparani, K., Jose, N.A., Preethi, K., Santhosh, T.N., Reddy, V.A.	E-Library Implementation Using Android Studio	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			-	2021
33	Sekhar Reddy, N.C., Reddy, U.S., Narasimha, A.L., Sagar, G.G., Neetha, A.	Big Data based Advanced Lab Analysis System using Apache Spark	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			1411-1415	2021
34	Prasad, S.V.S., Pittala, C.S., Vijay, V., Vallabhuni, R.R.	Complex Filter Design for Bluetooth Receiver Application	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			442-446	2021
35	Reddy, P.S., Nishwa, T., Reddy, R.S.K., Sadviq, C., Rithvik, K.	Traffic Rules Violation Detection using Machine Learning Techniques	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			1264-1268	2021

36	Rajeswari, T.S.R., Shareef, S.K., Khan, S., Venkatesh, N., Ali, A., Monika Devi, V.S.	Generating and Validating Certificates Using Blockchain	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			1048-1052	2021
37	Khan, M.A., Anand, A.V., Duraiselvam, M., Rao, K.S., Singh, R.A., Jayalakshmi, S.	thermal insulation capability of laser-glazed functionally graded lanthanum magnesium hexaluminate/yttria-stabilised zirconia thermal barrier coating	Materials	14	14	-	2021
38	Mani, S., Senthilkumar, C., Sunil, G.K., Rampratap, S.P., Shanmugam, V., Balu, G.	investigation of blunt cone model at hypersonic Mach number 7.25 (Journal of the Brazilian Society of Mechanical Sciences and Engineering,	Journal of the Brazilian Society of Mechanical Sciences and Engineering	43	7	-	2021
39	Prasad, S.V.S., Natarajan, P.B., Shankar, L.B.	Broadening 3-bit Burst Error-Correction Codes with Quadruple Adjacent Error Correction	2021 International Conference on Intelligent Technologies, CONIT 2021			-	2021
40	Pavan Kumar, V., Rao, E.G., Anitha, G., Kumar, G.K.	Plant Disease Detection using Convolutional Neural Networks	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021			1473-1476	2021
41	Koppula, N., Rao, K.S., Veerasekharreddy, B.	Word Sense Disambiguation Using Context Dependent Methods	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021			1582-1590	2021

42	Panyam, A.S., Jakkula, P.K., Neelakanta Rao, P.	Significant Cloud Computing Service for Secured Heterogeneous Data Storing and its Managing by Cloud Users	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021			1447-1450	2021
43	Kumar, G.K., Rani, D.M., Koppula, N., Ashraf, S.	Prediction of House Price Using Machine Learning Algorithms	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021			1268-1271	2021
44	Reddy, P.S., Nandini, M., Mamatha, E., Reddy, K.V., Vishant, A.	Face Mask Detection using Machine Learning Techniques	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021			1468-1472	2021
45	Amarewar, E., Naik, M.R., Prasad, S.V.S., Chandra, N.V., Karthik, R.	Design of Brain Controlled Robotic Car using Raspberry Pi	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021			185-189	2021
46	Anitha, G., Rao, E.G., Kumar, V.P.	Automatic Classification of Plant Leaves along with Mean Filtering and Support Vector Machine	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021			207-211	2021
47	Reddy, D.L., Naik, M.R., Srikar, D.	Health Monitoring System Based on IoT	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021			468-472	2021



48	Anusha, R., Subhashini, P., Jyothi, D., Harshitha, P., Sushma, J., Mukesh, N.	Speech Emotion Recognition using Machine Learning	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021			1608-1612	2021
49	Shareef, S.K., Haritha, I.V.S.L., Prasanna, Y.L., Kumar, G.K.	Deep Learning Based Hand Gesture Translation System	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021			1531-1534	2021
50	Prasad, S.V.S., Rao, K.N., Arun, V., Reddy, D.L.	Designing of Autonomous Tracking Device for Fitness Observing of Patients	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021			1330-1333	2021
51	Haritha, I.V.S.L., Shareef, S.K., Prasanna, Y.L., Jeethuphilip	Classification of Handcrafted Image Features for Integrated Deep Learning	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021			1522-1526	2021
52	Prasad, R., Kumar, H., Kumar, P., Tewari, S.P., Singh, J.K.	Microstructural, Mechanical and Tribological Characterization of Friction Stir Welded A7075/ZrB2 In Situ Composites	Journal of Materials Engineering and Performance	30	6	4194-4205	2021
53	Padhy, N., Panigrahi, R., Neeraja, K.	Threshold estimation from software metrics by using evolutionary techniques and its proposed algorithms, models	Evolutionary Intelligence	14	2	315-329	2021

54	Jangam, N.R., Ajmera, S.	Design and implementation of ultra low power CMOS based operational trans-conductance amplifier (OTA) for biomedical applications	2021 2nd International Conference for Emerging Technology, INCET 2021			-	2021
55	Pittala, C.S., Lavanya, M., Saritha, M., Vijay, V., Venkateswarlu, S.C., Vallabhuni, R.R.	Biasing techniques: Validation of 3 to 8 decoder modules using 18nm FinFET Nodes	2021 2nd International Conference for Emerging Technology, INCET 2021			-	2021
56	Pittala, C.S., Lavanya, M., Vijay, V., Reddy, Y.V.J.C., Venkateswarlu, S.C., Vallabhuni, R.R.	Energy efficient decoder circuit using source biasing technique in CNTFET Technology	Proceedings of 4th International Conference on 2021 Devices for Integrated Circuit, DevIC 2021			610-615	2021
57	Sridhar, B., Syambabu, V.	An importance of Crypto-watermarking techniques for secure transmission of multimedia information	2021 3rd International Conference on Signal Processing and Communication, ICPCSC 2021			64-66	2021
58	Rani, K.P., Srija, K., Jyothianvitha, A., Ashasri, M., Mamatha, I., Rajesh, G.	Rain water harvesting for smart water management using IoT	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			475-478	2021
59	Krishnasrija, R., Rani, K.P., Kiran, P.S., Dharani, P., Goud, B.S.C., Sushmitha, V.	Smart secure student bag pack	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			1885-1890	2021

60	Peneti, P.S., Sri, A.R., Krishna, U.M.G., Alekhya, M., Manikandhara, G.	Skin cancer predictor by image processing using big data techniques	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			913-916	2021
61	Chitra, N.T., Anusha, R., Kumar, S.H., Chandana, D.S., Harika, C., Kumar, V.U.	Satellite imagery for deforestation prediction using deep learning	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			522-525	2021
62	Chandana, B.H., Rao, B.H., Rajesh, K.	Convolution neural network based enhanced computerized technique for brain tumour detection	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			1527-1531	2021
63	Rao, K.N., Prasad, S.V.S., Lavanya, E., Sucharitha, E.	Design of medical data monitoring system	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			1607-1611	2021
64	Natrajan, P.B., Vyshnavi, K.V.S.S.S.	Approximate multiplier design with encoded partial products	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			701-705	2021
65	Reddy, M.S., Subrahmanyam, V.S.R., Prakash, C.S., Shankar, G.V.S.U.	Performance analysis of fuzzy and neural controller implementation in permanent magnet synchronous motor	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			566-574	2021

66	Subhashini, Sushma, M., Goud, B.Y., Nikhil, M., Reddy, G.S.K.	AI medical diagnosis application	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			1710-1716	2021
67	Anjaneyulu, P., Rao, P.V.D.S., Sunehra, D.	Effect of Various Parameters on Minimum Mean Square Error and Adaptive Antenna Beamforming using LMS Algorithm	2021 6th International Conference for Convergence in Technology, I2CT 2021			-	2021
68	Mani, S., Senthilkumar, C., Sunil, G.K., Rampratap, S.P., Shanmugam, V., Balu, G.	Experimental investigation of blunt cone model at hypersonic Mach number 7.25	Journal of the Brazilian Society of Mechanical Sciences and Engineering	43	4	-	2021
69	T S, A., M, B., S M, U.S., Thiagarajan, R., G, A.D., Rajeshwari, P.R., Kumar, A.S., A, S.	Evaluation of low power consumption network on chip routing architecture	Microprocessors and Microsystems	82		-	2021
70	Karumanchi, V.R., Raju, S.H., Kavitha, S., Lakshmi Lalitha, V., Vijaya Krishna, S.	Fully Smart fire detection and prevention in the authorized forests	Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021			573-579	2021
71	Narayanan Kannaiyan, G., Pappula, B., Veerubommu, R.	A Review on Graph Theory in Network and Artificial Intelligence	Journal of Physics: Conference Series	1831	1	-	2021

72	Saiprakash, M., Senthilkumar, C., Kadam sunil, G., Rampratap, S.P., Shanmugam, V., Balu, G.	Investigation of Slender Bodies at Hypersonic Mach Numbers	Fluid Dynamics	56	2	255-261	2021
73	Kumar, H., Prasad, R., Kumar, P.	Effect of tool pin eccentricity on microstructural and mechanical properties of friction stir processed copper	Vacuum	185		-	2021
74	Sridhar, B., Syambabu, V.	Security enhancement in video based on gatefold technique for copyright protection	Multimedia Tools and Applications	80	6	8241-8256	2021
75	Sawale, A., Reddy, K.H.V., Poornashree, K., Karmur, P.S.D.	Fabrication of aluminum metal matrix composite with carbon nanoparticles via stir casting	AIP Conference Proceedings	2317		-	2021
76	Teja, P.A.B., Kumar, E.S.	Modeling and CFD simulation of hair pin heat exchanger with different nano fluids	AIP Conference Proceedings	2317		-	2021
77	Kumar, A.S., Shivaleela, M., Srilekha, L., Sruthi, B.	Flow field analysis of rudder in CFD	AIP Conference Proceedings	2317		-	2021

78	Prasad, J.L., Prasad, N.E.C., Srinivas, B.	Heat transfer analysis for two-wheeler engine cooling fins by using CFD	AIP Conference Proceedings	2317		-	2021
79	Arunkumar, Amreen, Yashaswi, Phaneendra, Vinod	A review on the usage of green composite	AIP Conference Proceedings	2317		-	2021
80	Kiran, C.H.R., Reddy, G.C.M., Krishna, V.S.R., Hussain, S.	Effect of diphenylamine nano additive with pine oil biodiesel on performance and emission characteristics of CI engine	AIP Conference Proceedings	2317		-	2021
81	Babu, V.V.P., Siddiqi, M.D.A.	Analysis of drill jig for a missile component	AIP Conference Proceedings	2317		-	2021
82	Shankar, K.S., Mounika, A., Kavya, C.H., Yeshwanth, G., Murali, C.	Design and analysis of nimbus long range FPV plane	AIP Conference Proceedings	2317		-	2021
83	Karteek, J.S., Ravindra, A.	CFD analysis on various cross sectioned fins to determine the heat transfer rate	AIP Conference Proceedings	2317		-	2021

84	Praveen, L., Anoop, M.S.	Modeling and finite element analysis of composite propeller blade for aircraft	AIP Conference Proceedings	2317			-	2021
85	Kiran, C.H.R., Venkat Ramana, C.H., Reddy, B.N., Krishna, V.S.R.	Experimental investigation of performance and emission characteristics of diesel engine using pine oil blends	AIP Conference Proceedings	2317			-	2021
86	Reddy, M.V., Kumar, B.R., Kumar, P.P., Vardhan, Y.V., Ravindra, A.	Design, analysis and fabrication of effie-cycle: A hybrid tadpole vehicle	AIP Conference Proceedings	2317			-	2021
87	Mishra, N.K., Jupally, L.K., Sandhya, K., Prasad, N.S., Babu, R.S.	Design and fabrication of customary class unmanned air vehicle	AIP Conference Proceedings	2317			-	2021
88	Sundeep, M., Pasha, S.I.	Thermal and CFD simulation of steam boiler at different velocities	AIP Conference Proceedings	2317			-	2021
89	Praveen, L., Swaraj, K.	Designing, assembling and 3D-printing of a fume extractor device	AIP Conference Proceedings	2317			-	2021

90	Deepika, A.U., Abheendra, B., Harish, C.V., Surendra, N., Meghanath, G.	Wetting and corrosion studies on SS304 material surfaces	AIP Conference Proceedings	2317		-	2021
91	Kore, A., Pappula, B.	Analytical investigation of fin tube evaporator with different fin geometries by using FEA technique	AIP Conference Proceedings	2317		-	2021
92	Bharadwaj, R.R., Chiranjeevi, C., Gupta, M.S., Subbaratnam, B.	Energy efficiency assessment in siltation affected hydroelectric dams	AIP Conference Proceedings	2317		-	2021
93	Kantimahanthi, M., Reddy, M.V., Praveen, L.	Mechanical characterization on delamination effect of carbon epoxy laminate	AIP Conference Proceedings	2317		-	2021
94	Goud, N.U.R., Bandary, A., Harish, C.H.V., Meghanath, G.	Investigation of elliptical crack geometry in a thin plate	AIP Conference Proceedings	2317		-	2021
95	Kumar, A.S., Hardik, L.G., Kumar, D.K., Ramya, B., John, T.	Conceptual design of UAV using modular approach	AIP Conference Proceedings	2317		-	2021



96	Babu, V.V.P., Reddy, K.S., Jadhav, L.V., Bhavana, I., Sridhar, G., Reddy, M.S.	Design, modelling and fabrication of 4-wheeler electric short commuter	AIP Conference Proceedings	2317			-	2021
97	Punith, A., Manish, G., Sumanth, M.S., Vinay, A., Karthik, R., Jyothi, K.	Design and implementation of a smart reader for blind and visually impaired people	AIP Conference Proceedings	2317			-	2021
98	Reddy, A.S., Krishnaraj, J.	Experimental investigation of toroidal piston bowl with tangential grooves on CI engine	AIP Conference Proceedings	2317			-	2021
99	Rao, G.A., Kumar, B.R., Kumar, G.N., Mahender, P., Kumar, T.U.	Study the effect process of parameters on friction welding of dissimilar metals AISI 304 steel and AA 2219 aluminium	AIP Conference Proceedings	2317			-	2021
100	Deepika, A.U., Esmail, S., Rao, B.M., Trivedi, V.K.	A review on the usage of green composite with other composites	AIP Conference Proceedings	2317			-	2021
101	Kumar, G.K., Rani, D.M.	Paragraph summarization based on word frequency using NLP techniques	AIP Conference Proceedings	2317			-	2021

102	Guptha, M.S., Akhil, G., Reshma, V., Laxmi, P.H., Jawahar, J.	Fabrication and comparison of AA7005/SiC-Al <sub>2</sub> O <sub>3</sub> and other composite materials using different methods	AIP Conference Proceedings	2317			-	2021
103	Reddy, G.C.M., Ullah, M.R.	Fluid flow analysis of boiler feed pump by varying number of blades using CFD technique	AIP Conference Proceedings	2317			-	2021
104	Reddy, M.M., Praveen, L., Srinivas, A.	Thermal analysis of shell and tube heat exchangers for improving heat transfer rate using nanofluid mixtures	AIP Conference Proceedings	2317			-	2021
105	Arulananth, T.S., Baskar, M., Sree, R.D., Teja, P.S., Kumar, T.S.	Smart garbage segregation for the smart city management systems	AIP Conference Proceedings	2317			-	2021
106	Kishore, N.P., Kumar, R.V.	Transient thermal and CFD analysis of catalytic convertor for emission reduction	AIP Conference Proceedings	2317			-	2021
107	Vedantam, K., Teja, S.H.	A review on design and optimization of forced air- cooled cold plate for avionic application	AIP Conference Proceedings	2317			-	2021

108	Kumar, P.K., Prasad, N.E.C., Ajay, C.	Experimental investigation on 4 stroke petrol engine using modified piston	AIP Conference Proceedings	2317		-	2021
109	Balam, S.K., Siddaiah, P., Nallagonda, S.	Optimization Analysis of Cooperative Spectrum Sensing System over Generalized $\kappa$ - $\mu$ and $\eta$ - $\mu$ Fading Channels	Wireless Personal Communications	116	4	3081-3100	2021
110	Niranjan, K., Narayana, K.S., Rao, M.V.A.L.N.	Role of Artificial Intelligence in Logistics and Supply Chain	2021 International Conference on Computer Communication and Informatics, ICCCI 2021			-	2021
111	Peneti, S., Hemalatha	DDOS Attack Identification using Machine Learning Techniques	2021 International Conference on Computer Communication and Informatics, ICCCI 2021			-	2021
112	Ellappan, S., Rajendran, S.	A comparative review of performance and emission characteristics of diesel engine using eucalyptus-biodiesel blend	Fuel	284		-	2021
113	Sridhar, B., Syambabu, V.	Analysis of Watermarking Techniques in Multimedia Communications	Serbian Journal of Electrical Engineering	18	3	321-332	2021

114	Tatipamula, A.K., Gelbaor Kirzhner, M., Chaudhary, A., Klebanov, M., Abdulhalim, I.	Electro-Optical properties of photoaligned Liquid Crystal cells prepared with obliquely irradiated Chalcogenide glasses	Journal of Molecular Liquids			-	2021
115	Sakthivel, T., Balaram, A.	The impact of mobility models on geographic routing in multi-hop wireless networks and extensions - a survey	International Journal of Computer Networks and Applications	8	5	634-670	2021
116	Durga Prasad, R., Ramya, P.	The effect of organizational culture dimensions on organizational performance variables: A study of selected it companies at hyderabad	Natural Volatiles and Essential Oils	8	4	353-365	2021
117	Rao, K.S., Saravanan, S., Kumar, P.S., Rajesh, V., Raghu, K.	Leveraging big data analytics and hadoop in developing India's healthcare services	Handbook of Research on Innovations and Applications of AI, IoT, and Cognitive Technologies			396-407	2021
118	Koppula, N., Sarada, K., Patel, I., Aamani, R., Saikumar, K.	Identification and recognition of speaker voice using a neural network-based algorithm: Deep learning	Handbook of Research on Innovations and Applications of AI, IoT, and Cognitive Technologies			278-289	2021
119	Rao, K.S., Veerasekhar Reddy, B., Sarada, K., Saikumar, K.	A sequential data mining technique for identification of fault zone using FACTS-based transmission	Handbook of Research on Innovations and Applications of AI, IoT, and Cognitive Technologies			408-419	2021

120	Rao, K.S., Paramkusam, A.V., Darimireddy, N.K., Chehri, A.	Block matching algorithms for the estimation of motion in image sequences: Analysis	Procedia Computer Science	192		2980-2989	2021
121	Madhuravani, B., Chandra Sekhar Reddy, N., Lakshmi, B.	Parallel Enhanced Chaotic Model-Based Integrity to Improve Security and Privacy on HDFS	Smart Innovation, Systems and Technologies	224		141-148	2021
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