

MLR Institute of Technology Research Publications (01/01/2022 - 31/12/2022)

S.No.	Authors	Title	Journal	Volume	Issue	Page No.	Year
1	Vemuri D.K., Akshinthala P., Konduru N., Kowtharapu L.P., Katari N.K., Jonnalagadda S.B., Gundla R.	Unique Quality by Design Approach for Developing HPLC and LC-MS Method for Estimation of Process and Degradation Impurities in Pibrentasvir, Antiviral Agent for Hepatitis C	ACS Omega	7	51	47650-47661	2022
2	Prudhvidhar Reddy A., Saride R.B., Peyyala P.K., Mallepally V.R.	Experimental Investigation of Mechanical Characterization of Sugarcane Bagasse & Sapodilla Seed Shell Powder Reinforced Polymer Composite	SAE Technical Papers			-	2022
3	Chinnasamy P., Sathya K.B.S., Jebamani B.J.A., Nithyasri A., Fowjiya S.	Deep Learning: Algorithms, techniques, and applications - a systematic survey	Deep Learning Research Applications for Natural Language Processing			1-17	2022
4	Limbadri K., Suresh K., Singh S.K.	Comparative Study of Flow Stress Modeling of Zircaloy-4 Sheets Manufactured from Different Routes	Indian Journal of Engineering and Materials Sciences	29	6	786-793	2022
5	Patil V., Madgi M., Kiran A.	Early prediction of Alzheimer's disease using convolutional neural network: a review	Egyptian Journal of Neurology, Psychiatry and Neurosurgery	58	1	-	2022
6	Ramanjini V., Gopi Krishna G., Mishra S.R., Kumari S.V.S., Sree H.K.	An unsteady axisymmetric Williamson nanofluid flow over a radially stretching Riga plate for the inclusion of mixed convection and thermal radiation	Partial Differential Equations in Applied Mathematics	6		-	2022
7	Deepanraj B., Senthilkumar N., Jarin T., Gurel A.E., Sundar L.S., Anand A.V.	Intelligent wild geese algorithm with deep learning driven short term load forecasting for sustainable energy management in microgrids	Sustainable Computing: Informatics and Systems	36		-	2022
8	Kavitha R.J., Thiagarajan C., Priya P.I., Anand A.V., Al-Ammar E.A., Santhamoorthy M., Chandramohan P.	Improved Harris Hawks Optimization with Hybrid Deep Learning Based Heating and Cooling Load Prediction on residential buildings	Chemosphere	309		-	2022
9	Palle K., Vunguturi S., Subba Rao K., Naga Gayatri S., Ramesh Babu P., Mustaq Ali M., Kola R.	isotherms on activated carbons synthesized from rice husk towards carbon dioxide adsorption (Chemical Papers, (2022), 76, 12, (7525-7534), 10.1007/s11696-	Chemical Papers	76	12	7865-7866	2022
10	Rao G.P., Singh R., Lenka T.R., Boukortt N.E.I., Nguyen H.P.T.	Simulation modelling of III-Nitride/ β -Ga ₂ O ₃ Nano-HEMT for microwave and millimetre wave applications	International Journal of RF and Microwave Computer-Aided Engineering	32	12	-	2022
11	Vasanthkumar P., Senthilkumar N., Rao K.S., Metwally A.S.M., Fattah I.M., Shaafi T., Murugan V.S.	Improving energy consumption prediction for residential buildings using Modified Wild Horse Optimization with Deep Learning model	Chemosphere	308		-	2022
12	Neelakandan S., Prakash M., Geetha B.T., Nanda A.K., Metwally A.M., Santhamoorthy M., Gupta M.S.	Metaheuristics with Deep Transfer Learning Enabled Detection and classification model for industrial waste management	Chemosphere	308		-	2022

13	Prusty S., Somu P., Sahoo J.K., Panda D., Sahoo S.K., Sahoo S.K., Lee Y.R., Jarin T., Sundar L.S., Rao K.S.	Adsorptive sequestration of noxious uranium (VI) from water resources: A comprehensive review	Chemosphere	308		-	2022
14	Palle K., Vunguturi S., Subba Rao K., Naga Gayatri S., Ramesh Babu P., Mustaq Ali M., Kola R.	Comparative study of adsorption isotherms on activated carbons synthesized from rice husk towards carbon dioxide adsorption	Chemical Papers	76	12	7525-7534	2022
15	Ravindranath Reddy G., Ramakrishna Reddy K.	Casson nanofluid performance on MHD convective flow past a semi-infinite inclined permeable moving plate in presence of heat and mass transfer	Heat Transfer	51	8	7307-7327	2022
16	Anand A.V., Sivaraj G., Velmurugan P., Rao K.S., Khan M.A., Kumar P.S.P.	Interpretive Structural Modelling Approach: Implementation of Sustainability Concept and Lean in Aerospace Sectors	AIP Conference Proceedings	2446		-	2022
17	Bala M.N.V.S.S., Goud N.U.R., Gara D.K., Kannan R.	Determination of Stacking Fault Energy for a Nitinol Based Shape Memory Alloys by Molecular Dynamics Simulation	AIP Conference Proceedings	2446		-	2022
18	Mishra N.K., Naveed M.B., Shivam D., Chandrashekhar S., Hrithik P., Kumar P.S.P.	Numerical Investigation of Supersonic Flow Past Circular Cross-Section Bodies	AIP Conference Proceedings	2446		-	2022
19	Anand A.V., Velmurugan P., Singh R.A., Jayalakshmi S., Rao K.S., Kumar P.S.P.	Macro Mechanical and Water Absorption Properties of Composite Laminates with Novolac Resin and E-Glass/Sisal Fibers	AIP Conference Proceedings	2446		-	2022
20	Veeranjaneyulu K., Sravanthi G., Kiran K.S., Khushal K., Kumar G.R.	Static Analysis of Conventional Aircraft Fuselage with Different Materials	AIP Conference Proceedings	2446		-	2022
21	Kumar D.M., Madhavi N., Goud N.U.R., Sravanthi G., Kannan R.	Elastic Flexural Buckling of Thin Walled Zig-Zag Flanged Section	AIP Conference Proceedings	2446		-	2022
22	Mishra N.K., Kumar A.S., Shashank B., Vamsi K.S., Annem S., Rao B.D., Sundararaj K.	Numerical Investigation of a Finite Wing Section with a Bleed Hole Allowing Boundary Layer Suction	AIP Conference Proceedings	2446		-	2022
23	Madhavi N., Vardhan K.H., Thakuri S., Goud B.A., Dubey S., Rajendar U., Vijayanand R.	A Conceptual Design of Tailless Minicopter	AIP Conference Proceedings	2446		-	2022
24	Sura S., Goud B.N., Manideep B., Kumar G.R.	Design and Fabrication of Composite Shaft using Stir Casting Technique (MMC)	AIP Conference Proceedings	2446		-	2022
25	Arunkumar K., Kumaran T., Sravanthi G., Vijayanand R.	Design and Fabrication of Semi-Automatic Child Retraction Mechanism from Bore Well	AIP Conference Proceedings	2446		-	2022
26	Madhavi N., Mahesh D., Sravanthil G., Selvambikai M.	Buckling Analysis of Thin Walled C-Section	AIP Conference Proceedings	2446		-	2022

27	Kumari M., Singh P., Acharya B.	Secure image encryption using high throughput architectures of PRINT cipher for radio frequency identification applications	Journal of Electronic Imaging	31	6	-	2022
28	Bandaru N.R., Makam P., Akshinthala P., Katari N.K., Banoth V., Kolli B., Gundla R.	Molecular Hybrids of Pyrazolo[3,4-b]pyridine and Triazole: Design, Synthesis and In Vitro Antibacterial Studies	Molecules	27	21	-	2022
29	Rao G.P., Lenka T.R., Singh R., Nguyen H.P.T.	Simulation modelling of III-nitride/ β -Ga ₂ O ₃ HEMT for emerging high-power nanoelectronics applications	Journal of the Korean Physical Society	81	9	876-884	2022
30	Andrew J., Eunice J., Popescu D.E., Chowdary M.K., Hemanth J.	Deep Learning-Based Leaf Disease Detection in Crops Using Images for Agricultural Applications	Agronomy	12	10	-	2022
31	Palle K., Yadav G.K.S., Gayatri S.N., Vunguturi S., Babu P.R., Rao K.S., Ali M.M.	Preparation of activated carbon from rice husk for CO ₂ adsorption: Isotherm and artificial neural network modelling	MRS Communications	12	5	886-893	2022
32	Baskar M., Anbarasu V., Balaji A., Kalyanasundaram P., Thiagarajan R., Arulananth T.S.	Energy efficient congestion free and adaptive mechanism for data delivery in underwater wireless sensor networks using 2H-ACK	Optical and Quantum Electronics	54	10	-	2022
33	Gollapelli B., Rama Raju Ganji S., Kumar Tatipamula A., Vallamkondu J.	Bio-derived chlorophyll dye doped cholesteric liquid crystal films and microdroplets for advanced anti-counterfeiting security labels	Journal of Molecular Liquids	363		-	2022
34	Padhi R.K., Ramakrishna P., Vinodkumar P., Rout A.	Energy transfer dynamics and photoluminescence properties of sol-gel synthesized dense-packed Ca _{3-(x+y)} TbxSm _y MgSi ₂ O ₈ phosphor	Journal of Luminescence	250		-	2022
35	Pittala C.S., Vallabhuni R.R., Vijay V., Anam U.R., Chaitanya K.	Numerical analysis of various plasmonic MIM/MDM slot waveguide structures	International Journal of System Assurance Engineering and Management	13	5	2551-2558	2022
36	Sharma S., Padhy P.K.	Indirect output-error modeling scheme for continuous processes with unknown time delay using iterative instrument variable approach	International Journal of Dynamics and Control	10	5	1637-1648	2022
37	Faizan M., Ali F., Loganathan K., Zaib A., Reddy C.A., Abdelsalam S.I.	Entropy Analysis of Sutterby Nanofluid Flow over a Riga Sheet with Gyrotactic Microorganisms and Cattaneo–Christov Double Diffusion	Mathematics	10	17	-	2022
38	Mani R., Gopi Krishna G.	Entropy analysis of MHD flow of Jeffrey fluid in an inclined channel	Heat Transfer	51	6	5789-5807	2022
39	Karpagaraj A., Edberk J.A.S., Kannan T.D.B., Rajendran D.K., Ramesh T.	Effect of GTAW process parameters on joining stainless steel 316L	AIP Conference Proceedings	2460		-	2022
40	Chowdary M.K., Anitha J., Hemanth D.J.	Emotion Recognition from EEG Signals Using Recurrent Neural Networks	Electronics (Switzerland)	11	15	-	2022

41	Palle K., Vunguturi S., Gayatri S.N., Rao K.S., Babu P.R., Vijay R.	The prediction of CO ₂ adsorption on rice husk activated carbons via deep learning neural network	MRS Communications	12	4	434-440	2022
42	Dey S., Roy S.	Characterization of general relativistic spacetime equipped with η -Ricci-Bourguignon soliton	Journal of Geometry and Physics	178	-	-	2022
43	Shareef Sk.K., Sridevi R., Raju V.R., Rao K.S.S.	Transaction by Detecting Attacks Using an Intelligent Approach Recurrent Neural with Serpent Encryption (RNwSE)	International Journal of Computing and Digital Systems	12	1	867-876	2022
44	Li Y., Mofarreh F., Dey S., Roy S., Ali A.	General Relativistic Space-Time with η 1-Einstein Metrics	Mathematics	10	14	-	2022
45	Annakodi V.A., Arvind Singh R., Jayalakshmi S., Zhang Y., Anaz Khan M., Srinivas Rao K., Shabadi R.	Patterning SS304 Surface at Microscale to Reduce Wettability and Corrosion in Saline Water	Metals	12	7	-	2022
46	Reddy G.R., Reddy K.R.	IMPACT OF HALL ON PERISTALTIC FLOW OF A NEWTONIAN FLUID IN A VERTICAL CHANNEL THROUGH A POROUS MEDIUM	ARPJN Journal of Engineering and Applied Sciences	17	6	707-711	2022
47	Srinivas Rao K., Paramkusam A.V.	Block Matching Algorithms for the Estimation of Motion in Image Sequences: Analysis	Pattern Recognition and Image Analysis	32	1	33-44	2022
48	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	349	-	-	2022
49	Dasari K., Sainath N.A., Kumar B., Manohar V., Hemanth A.V., Rao K.S.	Design and Implementation of Multi-Mode Surveillance System for Several Applications	Approaches in Technology and Management for Social Innovation, IATMSI 2022		-	-	2022
50	Arulananth T.S., Kumar B., Dasari K., Prasad S.V.S., Mahitha C., Manohar V.	Python Based Smart Trial Room	Approaches in Technology and Management for Social Innovation, IATMSI 2022		-	-	2022
51	Reddy G.K., Dasari K., Kumar B., Sridhar B., Sainath B., Prasad S.V.S.	Advanced Object Enhancement in an Image	Approaches in Technology and Management for Social Innovation, IATMSI 2022		-	-	2022
52	Rao G.P., Baruah N., Lenka T.R., Singh R., Sadaf S.M., Nguyen H.P.T.	Simulation Modeling of AlGaN/AlN/GaN Nano-HEMT on β -Ga ₂ O ₃ Substrate for Emerging Terahertz Applications	2022 IEEE International Conference on Emerging Electronics, ICEE 2022		-	-	2022
53	Reddy G.K., Kaushik G., Singh R., Naik R., Ravi B., Sainath B.	Smart Device for CO ₂ Measuring and Supplementing with O ₂ Using IOT	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing		-	-	2022
54	Kumari E.N.V., Swetha K., Navya S.	A Driving Decision Strategy (DDS) Based on Machine learning for an autonomous vehicle	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing		-	-	2022

55	Rollakanti R., Naresh B., Manjusha A., Sharma S., Somanaidu U., Prasad S.V.S.	Design of IOT based coal mine safety system using LoRa	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
56	Harika K., Prasad S.V.S., Kumar B., Mummala S., Bhavani P., Swathi R.	Drowsiness Detection Using Opencv	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
57	Priya D.D., Kiran A., Purushotham P.	Lightweight Intrusion Detection System(L-IDS) for the Internet of Things	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
58	Kiran A., Chowdary M.K.	Home Automation using Augmented Reality	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
59	Anupriya E., Kumaresan N., Suresh V., Dhanasekaran S., Ramprathap K., Chinnasamy P.	Fraud Account Detection on Social Network using Machine Learning Techniques	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
60	Purushotham P., Priya D.D., Kiran A.	Disaster Analysis Using Machine Learning	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
61	Yakaiah P., Bhavani P., Kumar B., Masireddy S., Elari P.	Design of an IoT-Enabled Smart Safety Device	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
62	Naveen K., Dasari K., Swapnasri G., Swetha R., Nishitha S., Anusha B.	Microstrip Patch Antenna Array With Gain Enhancement for WLAN Applications	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
63	Babu K.H., Kumar B., Prasad S.V.S., Maheshwaram S., Yakkali A.	Fish Recognition Using Deep Neural Network	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
64	Vinod T., Kumaresan N., Gugan I., Dhanasekaran S., Ramprathap K., Chinnasamy P.	Online Automobile Rental and E-Marketplace with Augmented Reality (AR)	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
65	Sailaja M., Harika K., Sridhar B., Singh R., Charitha V., Rao K.S.	Image Caption Generator using Deep Learning	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
66	Maniraj K., Dasari K., Ravi B., Madamanchi P., Lanka M., Kumar B.	Design of Automated Solar Floor Cleaner using IOT	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
67	Prasad S.V.S., Dasari K., Kumar B., Sridhar B., Supriya G.H., Akash K.	An Analysis of Image Quality Enhancement Techniques in an Optical Based Satellite Image	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
68	Naik S.K.L., Arshad M.	Detection of Cyberattack in Network Using Machine Learning	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022

69	Swetha K., Kumari E.N.V., Kiran A., Arrola K.S.	Alzheimer's disease Diagnosis from MRI using Siamese Convolutional Neural Network	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
70	Kumar B.A., Vinod T., Rao M.S.	Interaction through Computer Vision Air Canvas	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
71	Navya S., Nishitha P., Hema V.	Medical Image Segmentation Using Deep Learning	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
72	Babaiah C.H., Naveen K., Dasari K., Kumar K.U., Sanjay M., Kumar B.	Design and Implementation of a Microstrip Array for WiFi External Antenna	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
73	Sridhar B., Rao P.S., Naik M.R., Sharma S., Prasad S.V.S., Vishwanath V.	Missing Children Identification using Face Recognition	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
74	Kiran A., Purushotham P., Priya D.D.	Weapon Detection using Artificial Intelligence and Deep Learning for Security Applications	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
75	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
76	Chinnasamy P., Kumaresan N., Selvaraj R., Dhanasekaran S., Ramprathap K., Boddu S.	An Efficient Phishing Attack Detection using Machine Learning Algorithms	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
77	Sharma S., Monika S., Prasad S.V.S., Dasari K., Kamaganikuntla S.	RFID Based Low Cost Attendance Recording and Proxy Avoidance System	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
78	Hema V., Sangeetha A., Navya S., Chowdary C.N.	Smart Helmet and Accident Identification System	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
79	Sangeetha A., Hema V., Navya S.	Fake News Detection Using Machine Learning Algorithm	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
80	Sirisha N., Devi P., Purushotham P., Saisri D., Laxmi V.	Leaf Disease Identification and Remedy Recommendation System	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
81	Kumar G.V.S.M., Manohar V., Ravi B., Prasad S.V.S., Paluvatla S., Sateesh R.	Game Controlling using Hand Gestures	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022
82	Rani K.P., Arshad M., Sangeetha A.	Pothole Detection Using YOLO (You Only Look Once) Algorithm	ASSIC 2022 - Proceedings: International Conference on Advancements in Smart, Secure and Intelligent Computing			-	2022

83	Rao G.P., Lenka T.R., Singh R., Boukortt N.E.I., Trung Nguyen H.P., Crupi G.	Breakdown Characteristics Study of III-Nitride β -Ga ₂ O ₃ Nano-HEMT as a function of Field-Plate Length & AlN Nucleation Layer Thickness	2022 IEEE Calcutta Conference, CALCON 2022 - Proceedings			30-33	2022
84	Vijetha T., Krishna D.R.	Dual Band Notch Antenna for Ultra Wide Band Applications	2022 IEEE Microwaves, Antennas, and Propagation Conference, MAPCON 2022			1961-1965	2022
85	Singh N.K., Pandey S.K., Nagalakshmi M., Kumar A.A., Tiwari M., Kumar S.	Artificial Intelligence-based cloud computing for Industry 5.0	Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			-	2022
86	Agarwal S.K., Ramesh S.M., Kumar A.A., Yadav S., Nagalakshmi M., Singh P.	A microservices-based IoT applications in Edge computing environments	Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			-	2022
87	Rao G.P., Baruah N., Lenka T.R., Singh R., Boukortt N.E.I., Nguyen H.P.T.	The Effect of Back-Barrier on the Performance Enhancement of III-Nitride/ β -Ga ₂ O ₃ Nano-HEMT	Proceedings of 2022 IEEE International Conference of Electron Devices Society Kolkata Chapter, EDKCON 2022			434-439	2022
88	Jyothsna K., Kumar V.M., Shambharkar S., Reddy D.A., Bhoyar C.N., Somkunwar R.K.	Face Recognition Automated System for Visually Impaired Peoples Using Machine Learning	2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022			-	2022
89	Haritha I.V.S.L., Harshini M., Patil S., Philip J.	Real Time Object Detection using YOLO Algorithm	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings			1465-1468	2022
90	Veerasekharreddy B., Rao K.S., Koppula N.	Named Entity Recognition using CRF with Active Learning Algorithm in English Texts	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings			1041-1044	2022
91	Harshini M., Philip J., Haritha I., Patil S.	Sewage Pipeline Fault Detection using Image Processing	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings			1181-1185	2022
92	Philip J., Thatha V.N., Harshini M., Haritha I.V.S.L., Patil S., Reddy B.V.	Classification of Covid-19 Vaccines tweets using Naïve Bayes Classification	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings			1384-1387	2022
93	Sowmya N., Babu I.A.	Machine Learning System for Recognition and Classification of Overlapped Fingerprints	Conference on Smart Technologies, Communication and Robotics 2022, STCR 2022			-	2022
94	Harikrishna D., Kumar N.U.	Artificial Intelligence System for Classification of Diabetic Retinopathy	Conference on Smart Technologies, Communication and Robotics 2022, STCR 2022			-	2022
95	Sameena, Sreenivasulu E.	Low-light Color Image Enhancement based on Dark Channel Prior with Retinex Model	Conference on Smart Technologies, Communication and Robotics 2022, STCR 2022			-	2022
96	Raju A.R., Maddileti T., Sirisha J., Srinivas R., Saikumar K.	Pseudo Trained YOLO R_CNN Model for Weapon Detection with a Real-Time Kaggle Dataset	International Journal of Integrated Engineering	14	7	131-145	2022

97	Shruti, Harshini M., Philip J., Haritha I.V.S.L.	Stress Level Detection of IT Professionals Using Machine Learning	2022 13th International Conference on Computing Communication and Networking Technologies, ICCCNT 2022			-	2022
98	Veerasekharreddy B., Rao K.S., Koppula N.	Parts of Speech Tagging using Conditional Random Field with Long Short Term Memory for English texts	2022 13th International Conference on Computing Communication and Networking Technologies, ICCCNT 2022			-	2022
99	Nagaraju Thatha V., Srinivas Rao A., Rajasekhar Reddy N.V., Silparaj M.	Application of Hyper parameter Optimization Algorithms using Big Data	2022 13th International Conference on Computing Communication and Networking Technologies, ICCCNT 2022			-	2022
100	Reddy E.S., Kumar M.M., Sajjan V., Nagesh G.	IOT Based Indoor And Outdoor Air Pollution Monitoring System Using Raspberry PI	Journal of Pharmaceutical Negative Results	13		4633-4643	2022
101	Madhuravani B.	Prediction of software engineering careers from Instagram personality traits	International Journal of Electronic Business	18	1	30-50	2022
102	Reddy D.H., Sirisha N.	Multifactor Authentication Key Management System based Security Model Using Effective Handover Tunnel with IPV6	International Journal of Communication Networks and Information Security	14	2	273-284	2022
103	Reddy D.A., Shambharkar S., Jyothisna K., Kumar V.M., Bhoyer C.N., Somkunwar R.K.	Automatic Vehicle Damage Detection Classification framework using Fast and Mask Deep learning	2022 2nd International Conference on Computer Science, Engineering and Applications, ICCSEA 2022			-	2022
104	Kumar A., Janakirani M., Anand M., Sharma S., Vivekanand C.V., Chakravarti A.	Comparative Performance Study of Difference Differential Amplifier Using 7 nm and 14 nm FinFET Technologies and Carbon Nanotube FET	Journal of Nanomaterials	2022		-	2022
105	Vijetha T., Mallick P.S., Karthik R., Rajan K.	Effect of Scattering Angle in Electron Transport of AlGaN and InGaN	Advances in Materials Science and Engineering	2022		-	2022
106	Kumar H., Prasad R., Kumar P., Hailu S.A.	Friction and Wear Response of Friction Stir Processed Cu/ZrO ₂ Surface Nano-Composite	Journal of Nanomaterials	2022		-	2022
107	Joksimovic N., Selakovic D., Jovicic N., Jankovic N., Pradeepkumar P., Eftekhari A., Rosic G.	Nanoplastics as an Invisible Threat to Humans and the Environment	Journal of Nanomaterials	2022		-	2022
108	Sharma P., Sivaramakrishnaiah M., Deepanraj B., Saravanan R., Reddy M.V.	A novel optimization approach for biohydrogen production using algal biomass	International Journal of Hydrogen Energy			-	2022
109	Kishore N P., Gugulothu S.K., Deepanraj B.	Numerical analysis of supersonic combustion of hydrogen flow characteristics in scramjet combustor toward the improvement of combustion efficiency	International Journal of Hydrogen Energy			-	2022
110	Anith Jose R., Devina Merin D., Arulananth T.S., Shaik N.	Characterization Analysis of Silver Nanoparticles Synthesized from Chaetoceros calcitrans	Journal of Nanomaterials	2022		-	2022

111	Bhanuprakash L., Varghese S., Singh S.K.	Glass Fibre Reinforced Epoxy Composites Modified with Graphene Nanofillers: Electrical Characterization	Journal of Nanomaterials	2022		-	2022
112	Jangam N.R., Guthikinda L., Ramesh G.P.	Design and Analysis of New Ultra Low Power CMOS Based Flip-Flop Approaches	Lecture Notes in Electrical Engineering	903		295-302	2022
113	Jangam N.R., Ringangonkar A.A., Kumar B.M., Vishal L., Goud K.H.	Image Process Based Plant Diagnostic System	Lecture Notes in Electrical Engineering	903		539-546	2022
114	Chandrasekaran S., Satyanarayana Gupta M., Jangid S., Loganathan K., Deepa B., Chaudhary D.K.	Expanding Sheet with Sodium Alginate Water-Based Copper-Graphene Oxide Hybrid Nanomaterial: An Application to Solar Aircraft	Advances in Materials Science and Engineering	2022		-	2022
115	Shareef S.K., Sridevi R., Raju V.R., Rao K.S.S.	An Intelligent Secure Monitoring Phase in Blockchain Framework for Large Transaction	International Journal of Electrical and Electronics Research	10	3	536-543	2022
116	Spade K., Viba J., Irbe M., Vutukuru S.K.	OPTIMIZATION OF PRISM SURFACE SHAPE IN INTERACTION WITH FLUID FLOW	Engineering for Rural Development	21		224-229	2022
117	Arulananth T.S., Baskar M., Ramkumar J., Rao K.S.	Enhanced blockchain technology associated with IoT for secure and privacy communications in 5G	Blockchain for 5G Healthcare Applications: Security and privacy solutions			83-113	2022
118	Kumar K.P., Arshad M., Hussain M.A.	ANALYSIS OF MACHINE LEARNING BASED RENEWABLE ENERGY SYSTEMS	ECS Transactions	107	1	19853-19862	2022
119	Nagaraj Goud B., Sura S., Aravind P., Jawahar Lal B., Sanskruti K., Pavan C.	An experimental study on mechanical properties of Kevlar composite for aircraft structural applications	Materials Today: Proceedings	64		909-916	2022
120	Shareef S.K., Sridevi R., Raju V.R., Rao K.S.S.	A Novel Framework for Secure Blockchain Transactions	Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2022			1311-1318	2022
121	Madhuravani B., Murthy D.S.R., Raju S.V.	A dynamic preserving-based WSN framework for medical disease prediction	International Journal of Ad Hoc and Ubiquitous Computing	40	01-Mar	10-19	2022
122	Kavitha S., Karumanchi V.R., Rajeswari T.S., Jadala V.C., Raju S.H., Kavitha M.	Machine Learning based Authentication of IoT Devices in Traffic Prediction for ITS	Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2022			1530-1534	2022
123	Subba Rao K., Palle K., Naga Gayatri S., Kumar N.P., Angajala K.K., Shanthi V.	Promotional effect of Ce on catalytic performance for the glycerol hydrogenolysis over Ni-Ce/RSAC catalyst	Materials Today: Proceedings	64		925-930	2022
124	Sai Dasari V., Arun Kumar T., Ramya E.	Optical, dielectric and elastic studies of high birefringent ambient temperature nematic liquid crystal mixtures having similar molecular cores	Materials Today: Proceedings	64		900-902	2022

125	Subash S., Stanly Jones Retnam B., Jerin Happy J., Edwin Raja Dhas J., Anton Savio Lewise K., Ganesh M.	Preparation and characterization of Silk/Bamboo/Glass nano polymer composites	Materials Today: Proceedings	64		298-301	2022
126	Suhin S., Robin Divahar S., Edwin Raja Dhas J., Anton Savio Lewise K., Satyanarayana Gupta M.	Optimizing FSW process parameters using RSM and regression analysis for similar and dissimilar aluminium materials	Materials Today: Proceedings	64		368-373	2022
127	Pittala C.S., Vijay V., Usha Rani A., Kameshwari R., Manjula A., Haritha D., Vallabhuni R.R.	Design Structures Using Cell Interaction Based XOR in Quantum Dot Cellular Automata	4th International Conference on Recent Trends in Computer Science and Technology, ICRTCAST 2021 - Proceedings			283-287	2022
128	Vijay V., Seshagiri Rao V.R., Chaitanya K., China Venkateshwarlu S., Pittala C.S., Vallabhuni R.R.	High-Performance IIR Filter Implementation Using FPGA	4th International Conference on Recent Trends in Computer Science and Technology, ICRTCAST 2021 - Proceedings			354-358	2022
129	China Venkateshwarlu S., Khadir M., Vijay V., Pittala C.S., Vallabhuni R.R.	Optimized Design of Power Efficient FIR Filter Using Modified Booth Multiplier	4th International Conference on Recent Trends in Computer Science and Technology, ICRTCAST 2021 - Proceedings			197-201	2022
130	Kavitha K., Babitha T., Praveena V., Devika P.	Identifying legitimate user in DDoS attack using Petri net	Materials Today: Proceedings	64		859-864	2022
131	Kiran A., Shirisha N.	K-Anonymization approach for privacy preservation using data perturbation techniques in data mining	Materials Today: Proceedings	64		578-584	2022
132	Sailaja M.	analysis on supra molecular hydrogen bonded liquid crystal p-n-alkyloxy benzoic acid (where n=10) with pimelic acid	Materials Today: Proceedings	64		538-541	2022
133	Vijayaraj A., Bhavana K., SreeDurga S., Lokesh Naik S.	Twitter based sentimental analysis of Covid-19 observations	Materials Today: Proceedings	64		713-719	2022
134	Anbucheziyan G., Saravanan R., Pugazhenthi R., Ananda Kumar E., Arunkumar K.	performance by nano fluid of nano- alumina particles enriched waste coconut oil in wet machining of SAE 1045 steel shaft	Materials Today: Proceedings	64		793-798	2022
135	Anbucheziyan G., Saravanan R., Pugazhenthi R., Karunakaran K., Venkateswar Reddy M.	performance by nano-alumina particles enriched waste coconut oil Nano fluid in electric motor shaft manufacturing	Materials Today: Proceedings	64		765-770	2022
136	Kanakadurga Devi P., Naidu Girma Tafesse V.G., Manjula K., Renuka Devi R.L.V.	Computational method for 1-D one phase problem	Materials Today: Proceedings	64		702-705	2022
137	Anbucheziyan G., Saravanan R., Pugazhenthi R., Rathinam V., Nagireddy M.	Reconnoitering the influence of nanofluid of Nano-alumina particles enriched waste coconut oil in Machining SAE 1045 shaft on modification Surface finish	Materials Today: Proceedings	64		661-666	2022
138	Sri Kavya N., shilpa T., Veeranjaneyulu N., Divya Priya D.	Detecting Covid19 and pneumonia from chest X-ray images using deep convolutional neural networks	Materials Today: Proceedings	64		737-743	2022

139	Mageshkumar N., Vijayaraj A., Arunpriya N., Sangeetha A.	Efficient spam filtering through intelligent text modification detection using machine learning	Materials Today: Proceedings	64		848-858	2022
140	Sobiyya P., Jayareka K.S., Maheshkumar K., Naveena S., Rao K.S.	Paddy disease classification using machine learning technique	Materials Today: Proceedings	64		883-887	2022
141	koundinya V., Phani Babu Vemuri V., Sai Kumar A., Venkata Rambabu G., Ganesh M.	Field study of remote controlled Agrobot	Materials Today: Proceedings	64		865-869	2022
142	Sriya Ambati S., Ambatipudi R.	Effect of infill density and infill pattern on the mechanical properties of 3D printed PLA parts	Materials Today: Proceedings	64		804-807	2022
143	Saravanan R., Anbucbezhiyan G., Pugazhenth R., Sura S.	Experimental investigation on tool wear reduction by nano- alumina particles enriched waste coconut oil nano-fluid for machining SAE 1045 shaft	Materials Today: Proceedings	64		781-786	2022
144	Praveen Kumar K., Phani Kumar S V., Lokesh Kumar S.K.	Analysis of Indian and American poetry using topic modeling and Deep learning	Materials Today: Proceedings	64		787-792	2022
145	Sivapriya G., Praveen V., Gowri P., Saranya S., Sweetha S., Shekar K.	Segmentation of Hard exudates for the detection of Diabetic Retinopathy with RNN based semantic features using fundus images	Materials Today: Proceedings	64		693-701	2022
146	Praveen V., Keerthika D.P., Sivapriya G., Sarankumar A., Bhasker B.	Vehicle Routing Optimization Problem: A Study on Capacitated Vehicle Routing Problem	Materials Today: Proceedings	64		670-674	2022
147	Sai Saran O., Prudhvidhar Reddy A., Chaturya L., Pavan Kumar M.	3D printing of composite materials: A short review	Materials Today: Proceedings	64		615-619	2022
148	Saha A.	Nonlinear optical properties of chalcone derivatives-a short review	Materials Today: Proceedings	64		605-610	2022
149	Peram S.R., Sri Lekha M., Sai Sri Jyothsna K., Lakshmi Pallavi K., Hema V.	Vehicle count prediction using machine learning	Materials Today: Proceedings	64		706-712	2022
150	Sreeram D., Pugazhenth R., Anbucbezhiyan G., Saravanan R., Veeranjaneyulu K.	An investigation of the effects of hot rolling on the microstructure and mechanical behavior of nano-sized SiC particulates reinforced Al6063 alloy composites	Materials Today: Proceedings	64		731-736	2022
151	Shah V.K., Ateeb K., Razzaq M., Varun C., Avinash B.	Determination of the optimum nose cone geometrical shape for supersonic missile	Materials Today: Proceedings	64		749-754	2022
152	Karunakaran K., Pugazhenth R., Anbucbezhiyan G., Saravanan R., Venkateswar Reddy M.	Experimental investigations on synthesis and characterization of tamarind seed powder reinforced Bio- composites	Materials Today: Proceedings	64		760-764	2022

153	Vadivelu P., Senthilkumar G., Sivaraj G., Lakshmanan D., Uday Ranjan Goud N.	Performance analysis of CD nozzle particles enriched waste coconut oil effects in cutting zone temperature reduction in motor shaft manufacturing process	Materials Today: Proceedings	64		620-631	2022
154	Anbuchezhiyan G., Saravanan R., Pugazhenthi R., Rathinam V., Nagireddy M.	An effective automatic detection of tooth cavity using machine cum deep learning concepts and ICDAS measurement	Materials Today: Proceedings	64		744-748	2022
155	K S J., P S., Dr.A.C.Kaladevi, Vinodhini.V, Suman B.	Ergonomic assessment of handloom silk saree workers	Materials Today: Proceedings	64		542-548	2022
156	Muthukumar K., Sundaramahalingam A., Amirtham K., Manideep B.	Stress analysis of corrugated plate fuselage under different loading conditions	Materials Today: Proceedings	64		771-780	2022
157	Veeranjaneyulu K., Sravanti G., kumar Chaturvedi S., Joshi S., Surya Kiran K.	Analysis of image security by triple DES	Materials Today: Proceedings	64		531-537	2022
158	Peram S.R., Harsha vardhan G., Neeraj M., Anand Kumar B.	Analytical approach on Indian bentonites from Rajasthan: Structural and physical characterization	Materials Today: Proceedings	64		808-813	2022
159	Muthukumar K., Amirtham K., Sundaramahalingam A., Kumar Mishra N.	Fabrication of natural fibre based industrial safety helmet	Materials Today: Proceedings	64		549-553	2022
160	Raj V.A., Rao P.N., Prasanna Alagokulesh R., Jeeva M.	Trash Sweep Medi-waste separator	Materials Today: Proceedings	64		720-724	2022
161	Arun Raj V., Patil S., Bhamini A.	Automated target regression framework for LACP	Materials Today: Proceedings	64		655-660	2022
162	Priyanka T., Ambatipudi R., Laxmi Prasad J.	An investigation on the effect of parameters of the process in fused deposition modeling on mechanical characteristics	Materials Today: Proceedings	64		570-577	2022
163	Chinnasamy P., Arun Kumar S., Navya V., Lakshmi Priya K., Sruthi Boddu S.	Machine learning based cardiovascular disease prediction	Materials Today: Proceedings	64		452-454	2022
164	S C.P., Jose R., Vijay A., P V., K V.S.	Tuning thermoelectric properties of Nb and Ta co-doped SrTiO ₃ ceramics	Materials Today: Proceedings	64		459-463	2022
165	Yazir S.M., Dhas J.E.R., Darwins A.K., Lewise K.A.S., Gupta M.S.	Modelling of weld residual stress parameters by SVR approach	Materials Today: Proceedings	64		464-467	2022
166						338-344	2022

167	Vijay A., Jose R., Prasanth S C., P V., Venkata Saravanan K.	Effect of Lanthanum doping on the thermoelectric power factor of CaMnO ₃	Materials Today: Proceedings	64		431-434	2022
168	Kumarasamy K., Sudandara Doss M.V., Vivek Anand A.	Evaluation of thermo mechanical and corrosion properties of uniaxially pressed refractory blocks used in the transition zone of cement rotary kilns	Materials Today: Proceedings	64		455-458	2022
169	Balaram A., Silparaj M., Gajula R.	Detection of malaria parasite in thick blood smears using deep learning	Materials Today: Proceedings	64		511-516	2022
170	Kirubakaran J., Robin Divahar S., Edwin Raja Dhas J., Anton Savio Lewise K., Vivek Anand A.	Wear behavior analysis of aluminium composites using Taguchi approach	Materials Today: Proceedings	64		345-351	2022
171	Edwin Raja Dhas J., Anton Savio Lewise K., Laxmi G.	Submerged arc welding process parameter prediction using predictive modeling techniques	Materials Today: Proceedings	64		402-409	2022
172	Chinnasamy P., Suresh V., Ramprathap K., Jebamani B.J.A., Srinivas Rao K., Shiva Kranthi M.	COVID-19 vaccine sentiment analysis using public opinions on Twitter	Materials Today: Proceedings	64		448-451	2022
173	Ramesh A., Reddy K.P., Sreenivas M., Upendar P.	Feature Selection Technique-Based Approach for Suggestion Mining	Smart Innovation, Systems and Technologies	267		541-549	2022
174	Kumar K., Lakshmi Devi V., Dilip Kumar M.	Design of solar powered smart water pump for moisture controller in agriculture sector	Materials Today: Proceedings	64		130-140	2022
175	Naga Gayatri S., Palle K., Susmitha T., Yumnam S., Phani Kumar N.	Spectrofluorimetric determination of ondansetron in pharmaceutical tablets: Applicability to human urine and content uniformity testing	Materials Today: Proceedings	64		79-82	2022
176	Mahesh P., Ankitha N., Tarakesh M., Dharavath K., Amarnath G.	A Simulation Study of COVID-19 Out Break as an Epidemic Disease	2022 International Conference on Computer Communication and Informatics, ICCCI 2022			-	2022
177	Saranya D., Chinnasamy P., Nalinipriya G., Jeipratha P.N., Wise D.C.J.W., Kalaiarasi A.	Adaptive Intelligence System based on the Internet of Things for Patient Monitoring in Remote Area	2022 International Conference on Computer Communication and Informatics, ICCCI 2022			-	2022
178	Ranganath P.T., Srivatsa K., Niranjan K., Narayana K.S., Rao M.V.A.L.N.	A Study of IOT and its Applications on Automation and Attendance Monitoring System	2022 International Conference on Computer Communication and Informatics, ICCCI 2022			-	2022
179	Shreesha S., Priya T.S., Ali S.S., Shankar M., Veeraiah K.	Empirical Evidence from the Indian Banking Sector on the Impact of Organizational Culture and Job Satisfaction on Organizational Performance	2022 International Conference on Computer Communication and Informatics, ICCCI 2022			-	2022
180	Veeraiah K., Raju S.V.S.S.S., Vangaveti Y., Kumar V.V., Ali S.S.	Role of Artificial Intelligence in Financial Management	2022 International Conference on Computer Communication and Informatics, ICCCI 2022			-	2022

181	Prasad K.S., Pasupathy S., Chinnasamy P., Kalaiarasi A.	An Approach to Detect COVID-19 Disease from CT Scan Images using CNN - VGG16 Model	2022 International Conference on Computer Communication and Informatics, ICCCI 2022			-	2022
182	Ramalingam M., Saranya D., Shankaram R., Chinnasamy P., Ramprathap K., Kalaiarasi A.	An Automated Framework For Dynamic Web Information Retrieval Using Deep Learning	2022 International Conference on Computer Communication and Informatics, ICCCI 2022			-	2022
183	Dharavath K., Gaini A., Adla V.	A Parallel Deep Learning Approach for Age Invariant Face Recognition system	2022 International Conference on Computer Communication and Informatics, ICCCI 2022			-	2022
184	Hanumann T., Swamy N.V.V.S.N., Gowtham P., Sumathi R., Chinnasamy P., Kalaiarasi A.	Plant Monitoring System Cum Smart Irrigation using Bolt IOT	2022 International Conference on Computer Communication and Informatics, ICCCI 2022			-	2022
185	Rajarajeswari T.S., Chinnasamy P., Pushparani K., Thulasichitra N., Rani N.S., Sivaprakasam T.	IoT based Smart Gardening for Smart Cities using Blockchain Technology	2022 International Conference on Computer Communication and Informatics, ICCCI 2022			-	2022
186	Chinnasamy P., Rajarajeswari T.S., Subhasini P., Naik S.K.L., Ashwini A., Sivaprakasam T.	IoT Based Smart Notice Board for Smart Cities	2022 International Conference on Computer Communication and Informatics, ICCCI 2022			-	2022
187	kalangi C., Antony Prabu D., Sujin Jose A., Jani S.P.	Experimental characterization of banana fiber reinforced polyester composites	Materials Today: Proceedings	60		2236-2239	2022
188	Goud N.U.R., Swethabala M.N.V.S.	Analysis of Buckling Behavior on the Thin-Walled Circular Cylinder	Lecture Notes in Mechanical Engineering			253-264	2022
189	Jose A.S., Athijayamani A., Jani S.P., Stalany V.M., Khan M.A.	INVESTIGATIONS ON MECHANICAL PROPERTIES OF BIO-WASTE MICRO PARTICLES REINFORCED PHENOL FORMALDEHYDE COMPOSITES	Archives of Metallurgy and Materials	67	1	377-384	2022
190	Vucha M., Siridhara A.L.	Optimized Lower Part Constant-OR Adder for Multimedia Applications	Lecture Notes on Data Engineering and Communications Technologies	93		269-277	2022
191	Kavitha S., Raju S.H., Karumanchi V.R., Rao D.S., Rajeswari T.S.	Smart Customized Charging of Portable Devices Through an Authorized App	Lecture Notes on Data Engineering and Communications Technologies	93		665-678	2022
192	Chinnasamy P., Deepalakshmi P., Dutta A.K., You J., Joshi G.P.	Ciphertext-policy attribute-based encryption for cloud storage: Toward data privacy and authentication in ai-enabled iot system	Mathematics	10	1	-	2022
193	Dasari K., Anjaneyulu L., Nadimikeri J.	Application of C-band sentinel-1A SAR data as proxies for detecting oil spills of Chennai, East Coast of India	Marine Pollution Bulletin	174		-	2022
194	Rao A.V.A.R.D., Chaitanya A.K., Seshaiah T., Bridjesh P., Sivakrishna	An Integrated Approach by Using Various Approaches for a Green Supplier Selection Problem	Lecture Notes in Mechanical Engineering			909-919	2022

195	Vallabhuni R.R., Sravana J., Pittala C.S., Divya M., Rani B.M.S., Vijay V.	Universal Shift Register Designed at Low Supply Voltages in 20 nm FinFET Using Multiplexer	Lecture Notes in Networks and Systems	213		203-212	2022
196	Pittala C., Vijay V.	Design of 1-Bit FinFET Sum Circuit for Computational Applications	Lecture Notes in Networks and Systems	292		590-596	2022
197	Rajunaik M., Amareswer E.	Intelligent Drunk and Drive Alert System (ADAS)	Lecture Notes in Networks and Systems	292		463-473	2022
198	Yakaiah P., Naveen K.	An Approach for Ultrasound Image Enhancement Using Deep Convolutional Neural Network	Lecture Notes in Networks and Systems	292		86-92	2022
199	Koppula N., Pradeep Kumar J., Srinivas Rao K., Kiran Kumar G.	Word Sense Disambiguation System for Information Retrieval in Telugu Language	Lecture Notes in Networks and Systems	292		233-242	2022
200	Kumar C.A., Haribabu K.	A Great Adaptive SNR Assumed Low Power LDPC Decoder	Lecture Notes in Networks and Systems	292		443-451	2022
201	Thottempudi P., Dasari V.S.C.B., Sista V.S.P.	Recognition of Moving Human Targets by Through the Wall Imaging RADAR Using RAMA and SIA Algorithms	Lecture Notes in Networks and Systems	292		544-563	2022
202	Khaja Shareef S., Lakshmi Prasanna Y., Sai Lakshmi Haritha I.V.	Smart Health Assistance Using IOT	Lecture Notes in Networks and Systems	292		498-507	2022
203	Arun V., Reddy D.L., Rao K.N.	A Novel Analysis of Efficient Energy Architecture in Cryptography	Lecture Notes in Networks and Systems	292		339-345	2022
204	Jangam N.R., Natarajan P.B.	Design and Implementation of Ultra Low Power Operational Trans-conductance Amplifier (OTA) for Biomedical Applications	Lecture Notes in Networks and Systems	292		479-488	2022
205	Amareswer E., Raju Naik M.	Smart Erobern of Vehicles on Crosswalks	Lecture Notes in Networks and Systems	292		489-497	2022
206	Kumar G.K., Rani D.M., Neeraja K., Philip J.	Food Calorie Estimation System Using ImageAI with RetinaNet Feature Extraction	Lecture Notes in Networks and Systems	292		93-102	2022
207	Kumar J.P., Rao P.N., koppula N.	Secure Data Sharing in Images Using Cryptographic Approach	Lecture Notes in Networks and Systems	292		356-364	2022
208	Natrajan P.B., Subrahmanyam V.S.R., Vyshnavi K.V.S.S.S.	Approximate Multiplier with Low Power Encoded Partial Products and Approximate Compressors	Lecture Notes in Networks and Systems	292		452-462	2022

209	Arulananth T.S., Baskar M., Thrishma K., Srilekha N., supraja S., Ravalika C.	Pothole Detection Using Arduino and Ultrasonic Sensors	Lecture Notes in Networks and Systems	292		435-442	2022
210	Reddy D.L., Rao N., Arun V.	An Investigation on Collecting Based Augmented Routing Proprieties in WSN	Lecture Notes in Networks and Systems	292		474-478	2022
211	Vallabhuni R.R., Saritha M., Chikkapally S., Vijay V., Pittala C.S., Shaik S.	Universal Shift Register Designed at Low Supply Voltages in 15 nm CNTFET Using Multiplexer	Lecture Notes in Networks and Systems	292		597-605	2022
212	Sreenivasulu G., Thulasi Chitra N., Sujatha B., Venu Madhav K.	Text Summarization Using Natural Language Processing	Lecture Notes in Networks and Systems	191		653-663	2022
213	Babu J.M., Prasad K.S., Ganji P.R., Ravikiran C., Velu R.	Analysis on the effect of pilot injection strategies on combustion and emission characteristics of palm-munja biodiesel/diesel blend on CRDI diesel engine	International Journal of Ambient Energy	43	1	618-621	2022