

225	Random forest and L1/L2 regularized logistic regression for feature selection	Adnan Hafeez, Kamran Ali	Faculty Member, Department of Electrical Engineering, MUII Institute of Technology, Hyderabad, Telangana, India	M.Tech. Electrical Engineering	2020	2020/2021	4	913607330000779
180	A review of design and optimization of thermal insulated roof panel for climate adaptation	Arshad Ali, Tariq Ali	Department of Mechanical Engineering, MUII Institute of Technology, Hyderabad, Telangana, India	M.Tech. Mechanical Engineering	2020	2020/2021	4	913607330000779
177	Environmental investigation on 4-wire and 3-wire energy metering systems	Kamran Ali, Arshad Ali, Tariq Ali	Department of Mechanical Engineering, MUII Institute of Technology, Hyderabad, Telangana, India	M.Tech. Electrical Engineering	2021	2021/2022	4	913607330000779
138	A comparison review of performance and architectural characteristics of smart energy metering protocols: ZigBee, LoRa, and NB-IoT	Adnan Hafeez, Kamran Ali	Department of Electrical Engineering, MUII Institute of Technology, Hyderabad, Telangana, India	Ph.D.	2021	2021/2022	11	913607330000779
130	Characterization of CO <sub>2</sub> gas adsorption capacity of hybrid sorption sorbent for carbon capture pre-combustion	Prasad K. Kamran Ali, Adnan Hafeez, Tariq Ali	Department of Mechanical Engineering, MUII Institute of Technology, Hyderabad, Telangana, India	Master's thesis: Mechanical Engineering	2021	2021/2022	4	913607330000779
104	Thermal analysis of an inverted piezoelectric actuator	Arshad Ali, Kamran Ali, Tariq Ali	Department of Mechanical Engineering, MUII Institute of Technology, Hyderabad, Telangana, India	M.Tech. Mechanical Engineering	2020	2020/2021	4	913607330000779
101	Experimental evaluation of optimal energy storage material selection for smart buildings	Kamran Ali, Arshad Ali, Tariq Ali	Department of Mechanical Engineering, MUII Institute of Technology, Hyderabad, Telangana, India	Master's thesis: Mechanical Engineering	2021	2021/2022	4	913607330000779
102	The Role of Building and Fire Safety in the Design of Smart Buildings	Arshad Ali, Kamran Ali, Tariq Ali	Department of Mechanical Engineering, MUII Institute of Technology, Hyderabad, Telangana, India	Master's thesis: Mechanical Engineering	2021	2021/2022	4	913607330000779



PRINCIPAL

**MLR Institute of Technology**  
Laxman Reddy Avenue, Dundigal,  
Guntur, Hyderabad-43.

147	Design analysis and simulation of electric drive A 3 phase induction motor	Reddy M.V., Kumar B.S., Kumar P.P., Nuthan T.V., Sarada N.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	APJ Centre for Research	2021	14042018	0	1414011404000
148	Theoretical and practical simulation of electric drive	Reddy M., Prasad S.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	APJ Centre for Research	2021	14042018	0	1414011404000
149	Programming, modelling and simulation of a three phase drive	Prasad L., Reddy B.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	APJ Centre for Research	2021	14042018	0	1414011404000
150	Real time implementation of the fully fed bridge with different the parameters by using MATLAB	Kumar A., Prasad H.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	APJ Centre for Research	2021	14042018	0	1414011404000
151	Block and simulation on characteristics of electric drive system	Karimkhanlou M., Reddy M.V., Prasad S.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	APJ Centre for Research	2021	14042018	0	1414011404000
152	Experimental investigation of variable speed motor with frequency converter (VFD)	Reddy A.S., Reddy S.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	APJ Centre for Research	2021	14042018	1	1414011404000
153	Real time analysis of three phase pump by using MATLAB (with hardware lab using board kit)	Reddy G.C. M., Reddy M.S.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	APJ Centre for Research	2021	14042018	0	1414011404000
154	Theoretical analysis of full and half bridge choppers for regenerative braking using MATLAB software	Reddy V.S.M., Karimkhanlou M., Prasad L., Kumar A.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	APJ Centre for Research	2021	14042018	0	1414011404000



**PRINCIPAL**  
**MLR Institute of Technology**  
 Laxman Reddy Avenue, Dundigal,  
 Outhbulpapur, Hyderabad-43.

141	Modeling and CFD simulation of the flow characteristics of the flow over a bluff body.	141 P.A.D. Kumar E.A.	Department of Mechanical Engineering, M.E.T Institute of Technology, Chittoor, Chittoor, India	M.Tech Guidance	2021	2022	0	0	01/08/2022
142	Flow analysis and optimization of a hydrofoil shape using CFD.	142 P.H. Sankar, P.H. Sankar	Department of Mechanical Engineering, M.E.T Institute of Technology, Chittoor, India	M.Tech Guidance	2021	2022	0	0	01/08/2022
143	Effect of Reynolds number on the flow characteristics of a bluff body using CFD.	143 K.R. Sankar, P.H. Sankar, V.S.R. Sankar	Department of Mechanical Engineering, M.E.T Institute of Technology, Chittoor, India	M.Tech Guidance	2021	2022	0	0	01/08/2022
144	Analysis and optimization of a hydrofoil shape using CFD.	144 P.H. Sankar, P.H. Sankar	Department of Mechanical Engineering, M.E.T Institute of Technology, Chittoor, India	M.Tech Guidance	2021	2022	0	0	01/08/2022
145	Modeling and CFD simulation of the flow over a bluff body using CFD.	145 P.H. Sankar, P.H. Sankar	Department of Mechanical Engineering, M.E.T Institute of Technology, Chittoor, India	M.Tech Guidance	2021	2022	0	0	01/08/2022
146	Experimental investigation of performance and optimization of a hydrofoil shape using CFD.	146 K.R. Sankar, P.H. Sankar, V.S.R. Sankar	Department of Mechanical Engineering, M.E.T Institute of Technology, Chittoor, India	M.Tech Guidance	2021	2022	0	0	01/08/2022

106	Structural analysis of an aircraft air	Pragathi B, Komaravalli G.S., Siva Murali S.O.S, Uthappa P., Venkatesh R., Subbaraj S.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India; Department of Mechanical, Thiruvalluvar College of Engineering, Tirupattur, Rajasthan, India	2023	MLR2023	9	
107	Experimental evaluation of supercapacitor as energy storage for electric vehicle	Rishabh K S, Hemanth K, Anand S, S, Anand P, S.	Mechanical Engineering Department, MLR Institute of Technology, Hyderabad, India; Department of Mechanical, Thiruvalluvar College of Engineering, Tirupattur, Rajasthan, India; Department of Mechanical Engineering, JSS College of Engineering and Technology, Mysuru, Karnataka, India	2023	2712023	9	10.1016/j.sbspro.2023.11.010
108	The Structural Modeling and Stress Analysis of Plate Beam Elements of a Composite Spar Cap	Pragathi B, Komaravalli G.S., Siva Murali S.O.S, Uthappa P., Venkatesh R., Subbaraj S.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India; Department of Mechanical, Thiruvalluvar College of Engineering, Tirupattur, Rajasthan, India; Department of Mechanical Engineering, JSS College of Engineering and Technology, Mysuru, Karnataka, India	2023	1010010	9	10.1002/eqe.4171
109	A Review on Graph Theory in Structural and Artificial Intelligence	Shreevatsa Kumaravel, P, Pragathi B, Venkatesh R.	Department for 2nd Semester, Thiruvalluvar College of Engineering, Tirupattur, Rajasthan, India; Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India; Department of Mechanical and Manufacturing Engineering, JSS College of Engineering and Technology, Mysuru, Karnataka, India	2023	1902020A	9	10.1002/eqe.4172
110	Effect of soil on water intake in mechanical and electrical properties of soils on ground surface	Kishor B, Prasad B, Kumar P.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India; Department of Mechanical, Thiruvalluvar College of Engineering, Tirupattur, Rajasthan, India; Department of Mechanical Engineering, JSS College of Engineering and Technology, Mysuru, Karnataka, India	2023	0642023	9	10.1002/eqe.4173



118	Experimental investigation of bonded and non-bonded lap-jointed gusset in C/S composite	Mulla, A. S., Kulkarni, J.	Department of Mechanical Engineering, MDR Institute of Technology, Tadipatri, India	APJ Knowledge Framework	2011	00004376	1	01 0001 01 0001 01
119	Finite element analysis of tubular beam joints for varying number of tubular rings (CFRP tubular)	Mulla, A. S., Mulla, M. R.	Department of Mechanical Engineering, MDR Institute of Technology, Tadipatri, India	APJ Knowledge Framework	2011	00004378	4	01 0001 01 0001 01
120	Thermal analysis of steel and steel fiber reinforced concrete for varying fiber content using numerical analysis	Mulla, M. R., Reddy, S. S., Kumar, N. V.	Department of Mechanical Engineering, MDR Institute of Technology, Tadipatri, India	APJ Knowledge Framework	2011	00004379	11	01 0001 01 0001 01
121	A review on design and optimization of bonded and non-bonded lap-joint for various applications	Yadav, R. K., Singh, S. P.	Department of Mechanical Engineering, MDR Institute of Technology, Tadipatri, India	APJ Knowledge Framework	2011	00004380	6	01 0001 01 0001 01
122	Experimental investigation on tensile properties of carbon fiber reinforced polymer	Kumar, P. K., Prasad, B. C., Singh, C.	Department of Mechanical Engineering, MDR Institute of Technology, Tadipatri, India	APJ Knowledge Framework	2011	00004381	9	01 0001 01 0001 01
123	A comparative review of performance and economic characteristics of steel fiber using various fiber reinforced concrete	Aligapan, V., Marudhan, S.	Department of Mechanical Engineering, MDR Institute of Technology, Tadipatri, India	APJ Knowledge Framework	2011	00004382	11	01 0001 01 0001 01
124	Characterization of AFRP in axial and shear and shear failure response (flexural) by stress-strain curve plotting	Prasad, B., Kumar, N. V., Mulla, M. R., Kumar, P. K., Singh, P. K., Yadav, S., Reddy, S.	Department of Mechanical Engineering, MDR Institute of Technology, Tadipatri, India	APJ Knowledge Framework	2011	00004383	1	01 0001 01 0001 01

PRINCIPAL

MLR Institute of Technology,  
Laxman Reddy Avenue, Dundigal,  
Outhullapur, Hyderabad-43.

19	Analysis of A/D Ng for a multi-component	Shiva V V P., Malla Sathya	Department of Mechanical Engineering, MLR Institute of Technology, COE, Hyderabad, Hyderabad, Telangana, India	A/P-Continuous Knowledge	2021	0000240E	0	16-10003-000190
20	Modeling and finite element analysis of composite propeller blades for aircraft	Ramesh L., Anand G R S	Department of Mechanical Engineering, MLR Institute of Technology (COE, Hyderabad), Hyderabad, Telangana, India	A/P-Continuous Knowledge	2021	0000240E	1	16-10003-000190
21	Experimental investigation of performance and emission characteristics of diesel engine using pine oil blend	Mani C D R., Venkatesh Kumar C H., Rishi D N., Ravindra V S R	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Hyderabad, Telangana, India	A/P-Continuous Knowledge	2021	0000240E	1	16-10003-000190
22	Design analysis and fabrication of flywheel - A limited number of blades	Rishi M V., Kumar D R., Kumar P P., Venkatesh V S., Ravindra S	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	A/P-Continuous Knowledge	2021	0000240E	0	16-10003-000190
23	Theoretical and CFD simulation of rotor blades at different incidence	Sandeep M., Pradeep A	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	A/P-Continuous Knowledge	2021	0000240E	0	16-10003-000190
24	Designing, assembling and 3D printing of a four cylinder engine	Prerna S., Anand E	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	A/P-Continuous Knowledge	2021	0000240E	0	16-10003-000190
25	Applied investigation of flywheel composite with different the parameters by using FEA analysis	Ravi A., Pradeep R	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	A/P-Continuous Knowledge	2021	0000240E	0	16-10003-000190
26	Structural characterization via finite element method of various open lattice	Karthikashri M., Rishi M V., Prerna S	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	A/P-Continuous Knowledge	2021	0000240E	0	16-10003-000190



PRINCIPAL

**MLR Institute of Technology**  
Laxman Reddy Avenue, Dundigal,  
Quthbullapur, Hyderabad-43.



107	An Investigation on Utilizing Biogas Apparatus for Energy Production in BSEs	Harsh D.L., Ran H., Arav V.	Electronics and Communication Engineering, School of Engineering, O. J. S. Group of Institutions, Durgam Cheruvu, Hyderabad, India	Energy Storage in Micro Grids and Systems	2022	24573136	0	10.1007/978-981-16-4488-4_40
108	Efficient DSS Design for Smart Grids Using AI and Cloud Computing	Vardha R. B., Anitha M., Chakraborty S., Sita V., Arav V., Raj K.	Research Area Management, O. J. S. Group of Institutions, School of Engineering, O. J. S. Group of Institutions, Durgam Cheruvu, Hyderabad, India	Energy Storage in Micro Grids and Systems	2022	24573135	0	10.1007/978-981-16-4488-4_38
109	Deep Reinforcement Learning for Smart Grid Energy Management	Srinivasulu G., Thirumala S., Sujatha N., Vamsi Krishna K.	Department of ECE, O. J. S. Group of Institutions, School of Engineering, O. J. S. Group of Institutions, Durgam Cheruvu, Hyderabad, India	Energy Storage in Micro Grids and Systems	2022	24573134	0	10.1007/978-981-16-4488-4_37
110	Analysis on the effect of solar radiation on the performance of a solar panel using AI and Cloud Computing	Harsh D.L., Prasad K.S., Arav V., Raj K., Sita V.	WIT Tech Group, O. J. S. Group of Institutions, School of Engineering, O. J. S. Group of Institutions, Durgam Cheruvu, Hyderabad, India	International Journal of Ambient Energy	2022	1444750	4	10.1007/978-981-16-4488-4_104
111	Investigation on the effect of solar radiation on the performance of a solar panel using AI and Cloud Computing	Harsh D.L., Prasad K.S., Arav V., Raj K., Sita V.	WIT Tech Group, O. J. S. Group of Institutions, School of Engineering, O. J. S. Group of Institutions, Durgam Cheruvu, Hyderabad, India	AIJ Environment Research	2023	10041118	0	10.1007/978-981-16-4488-4_105



88	Master Thesis Assessment Using IIT	Deepa Sharda's, Gurdeep Prasad Y., Sachin Kumar, Harshita V.	Department of Information Technology, MCA, Institute of Technology, Nanded (MS)	Current Thesis in Mechanical and Systems	2022	23/07/20	0	01 14207201001-14207201001
89	A Novel Analysis of Ethanol Fermentation in CIP-400000	Amey V. Kulkarni (H), Amey G. G.	Department of Instrumentation and Control Engineering, MCA, Institute of Technology, Dnyanesh (Maharashtra, India)	Current Thesis in Mechanical and Systems	2022	23/07/20	0	01 14207201001-14207201001
90	Design and Implementation of The Low Power IoT-based Temperature Monitoring System for Remote Applications	Amey M. K., Harshita V.	Department of Information and Communication Technology, MCA, Institute of Technology, Nanded (MS)	Current Thesis in Mechanical and Systems	2022	23/07/20	0	01 14207201001-14207201001
91	Smart Analysis of Vehicles in Classroom	Ameyam S., Harshita M.	Department of Electronics and Communication Engineering, MCA, Institute of Technology, Nanded (MS)	Current Thesis in Mechanical and Systems	2022	23/07/20	0	01 14207201001-14207201001
92	Food-chain Prediction System Using ImageJ with Genetic Feature Extraction	Ameyam S., Harshita M., Amey G. G., Pratik S.	Department of Information Technology, MCA, Institute of Technology, Nanded (MS), Department of Information and Communication Engineering, MCA, Institute of Technology, Dnyanesh (Maharashtra, India)	Current Thesis in Mechanical and Systems	2022	23/07/20	0	01 14207201001-14207201001
93	Smart Video Sharing to Smart Using Computerized Approach	Ameyam S., Harshita M., Amey G. G.	Department of Information Technology, MCA, Institute of Technology, Nanded (MS)	Current Thesis in Mechanical and Systems	2022	23/07/20	0	01 14207201001-14207201001
94	Approximation Method for Low Power Embedded Digital Filter and Approximation Compression	Ameyam S., Harshita M., Amey G. G.	Department of Information and Communication Engineering, MCA, Institute of Technology, Nanded (MS)	Current Thesis in Mechanical and Systems	2022	23/07/20	0	01 14207201001-14207201001
95	Mobile (Android) Using MATLAB and Embedded System	Ameyam S., Harshita M., Amey G. G., Pratik S., Pratik S.	Department of Electronics and Communication Engineering, MCA, Institute of Technology, Nanded (MS), Department of Computer Science and Engineering, School of Engineering, K. J. Somaiya Institute of Technology and Information, Vashi (Maharashtra, India)	Current Thesis in Mechanical and Systems	2022	23/07/20	0	01 14207201001-14207201001



PRINCIPAL

**MLR Institute of Technology**  
 Laxman Reddy Avenue, Dundigal,  
 Guntur, Andhra Pradesh-524 002,  
 TELANGANA, INDIA.

81	An Integrated Approach for Using Virtual Approaches for a Pump Supplier's Solution Problem	Prof A.V.A.R.R. Chaitanya A.R., Subhash Y. Rajgopal P., Anandkiran	Department of Mechanical Engineering, Post Graduate Engineering College, Vijayawada, A.P, India, Department of Mechanical Engineering, ORE College of Engineering and Technology, Ongal, 521 212, India, Department of Mechanical Engineering, MDR Institute of Technology, Hyderabad, India, Department of Mechanical Engineering, Vignans Viswa Institute of Technology and Science, Nellore, A.P, India	Control Systems in Mechanical Engineering	2022	20230326	0	10.1007/978-981-16-4422-2_20
82	Historical Staff Register (Uploaded as an Image) Submitted as a Paper for IJERT 11th Issue	Nandamuri B.R., Anandkiran A., Prabhakar C.S., Prasad M., Anandkiran V.	Research Area Management, I.I.T. Credit/Value 15, United States, Department of Electronic and Communication Engineering, Institute of Aeronautical Engineering, Dhulapally, 501515, India, Department of Therapeutic and Communication Engineering, MDR Institute of Technology -Hyderabad, 501001, India, Department of Electronic and Communication Engineering, Vignans Viswa Institute of Technology and Science, Nellore, District, A.P, India	Control Systems in Mechanical and Systems	2022	20230329	0	10.1007/978-981-16-4422-2_19
83	Design of Lateral Inverted Pendulum Control for Compensational Applications	Prakash V., Anand V.	Department of Electronic and Communication Engineering, MDR Institute of Technology, Hyderabad, India	Control Systems in Mechanical and Systems	2022	20230329	0	10.1007/978-981-16-4422-2_21
84	Intelligent Search and Optimization Method for Genetic	Rajawade M., Anandkiran B.	Department of Electronic and Communication Engineering, MDR Institute of Technology, Hyderabad, India	Control Systems in Mechanical and Systems	2022	20230326	0	10.1007/978-981-16-4422-2_18
85	An Approach for Dimensional Error Reduction Using Deep Convolutional Neural Network	Vidyalakshmi P., Anandkiran B.	Department of Electronic and Communication Engineering, MDR Institute of Technology, Hyderabad, India	Control Systems in Mechanical and Systems	2022	20230329	0	10.1007/978-981-16-4422-2_23
86	World Smart Classification System for Information Retrieval in Image Language	Rajashree H., Prabhakar Kumar J., Anandkiran B.S.K., Anandkiran V.	Department of Information Technology, MDR Institute of Technology (Hyderabad), Telangana, India, Department of Computer Science and Engineering, MDR Institute of Technology (Hyderabad), Telangana, India	Control Systems in Mechanical and Systems	2022	20230326	0	10.1007/978-981-16-4422-2_14
87	A Novel Adaptive 2008 Adaptive Lateral Force Control for a 2-DOF System	Anandkiran V., Anandkiran B.	Department of E.C.S., MDR Institute of Technology, Hyderabad, Telangana, India	Control Systems in Mechanical and Systems	2022	20230326	0	10.1007/978-981-16-4422-2_15
88	Recognition of Moving Objects From an Image Through the Use of Support Vector Machine (SVM) and Ada Boosting	Prabhakar P., Anandkiran V.S.C.S., Anandkiran V.S.P.	Department of Electronic and Communication Engineering, MDR Institute of Technology, Hyderabad, India	Control Systems in Mechanical and Systems	2022	20230326	0	10.1007/978-981-16-4422-2_16

  
**PRINCIPAL**  
**MLR Institute of Technology**  
 Laxman Reddy Avenue, Dundigal,  
 Outhullapur, Hyderabad-43.



79	IoT Based Smart Building for Smart Cities using Blockchain Technology	Srinivasan T.V., Chinnemsetty P., Prabhakar K., Subrahmanya D., Ravi A., Aravindhan S.	MR Institute of Technology, Department of Computer Science and Engineering, Hyderabad, India. SRMIST Institute of Engineering and Technology, Department of Electronics and Communication Engineering, Guntur, India.	2022			1	10.1109/ICEE51959.2022.9749094
80	IoT Based Smart Home Based for Smart Cities	Chinnemsetty T.V., Prabhakar K., Subrahmanya D., Ravi A., Aravindhan S.	MR Institute of Technology, Department of Computer Science and Engineering, Hyderabad, India. SRMIST Institute of Engineering and Technology, Department of Electronics and Communication Engineering, Guntur, India.	2022			2	10.1109/ICEE51959.2022.9749095
81	Hardware analysis of various platforms	Priya U.S., Vaidyanath S.K., Sri V., Abhishek K., Chinnemsetty T.	Department of Electronics and Communication Engineering, MRIT Institute of Technology, Hyderabad, India. Institute of Technology, Sri Sairam Institute of Technology, Hyderabad, India. SRMIST Institute of Engineering and Technology, Department of Electronics and Communication Engineering, Guntur, India.	2022	ETET		3	10.1109/ICEE51959.2022.9749096
82	Experimental characteristics of various electro-chemical polymer composites	Sahay C., Suman Priya D., Sri V., Sri V., Sri V.	Department of Mechanical Engineering, Maulana Azad Institute of Technology, Hyderabad, India. Department of Mechanical Engineering, UJCE/AVRDC College of Engineering and Technology (UJCE/AVRDC), Tatyasaheb Kore Campus, Chhatrapati, India. Department of Automobile Engineering, New Thyagar College of Engg., Hyderabad, India.	2022	ETET		4	10.1109/ICEE51959.2022.9749120
83	Analysis of Building Behavior on the Three-Storey Concrete Column	Uday SURESH, Subrahmanya D.V.S.	Department of Instrumentation Engineering, MRIT Institute of Technology, Hyderabad, India.	2022	ETET		5	10.1109/ICEE51959.2022.9749121
84	REVIEW ON MECHANICAL PROPERTIES OF TWO WAXES (MIBO) PART II: RECRYSTALLIZATION FORMATION OF CUMPHENES	Uma A.S., Abhinav A., Sri V., Sri V., Sri V.	New Horizon College of Engineering, Bangalore, India. Government College of Engineering, Bellary, India. Department of Mechanical Engineering, SRMIST Institute of Engineering and Technology, Hyderabad, India. Sri Sairam Institute of Technology, Hyderabad, India. School of Automobile and Mechanical Engineering, Kalyanagar Academy of Technical Education, Visakhapatnam Dist., Tirunelveli, India.	2022	ETET		1	10.1109/ICEE51959.2022.9749122
85	Process Optimizing with Modified Grey Wolf Optimization over Big Data Using Hybrid GA-ACO	Sri V., Sri V., Sri V., Sri V., Sri V.	Department of Electronics and Communication Engineering, MRIT Institute of Technology, Hyderabad, India.	2022	ETET		1	10.1109/ICEE51959.2022.9749123
86	Optimization of Green Fuel Conversion for Automobile Applications	Sudha M., Suresh A.S.	Department of Electronics and Communication Engineering, MRIT Institute of Technology, Hyderabad, India.	2022	ETET		1	10.1109/ICEE51959.2022.9749124



**PRINCIPAL**  
**MLR Institute of Technology**  
 Laxman Reddy Avenue, Dundigal,  
 Gouthbullapur, Hyderabad-42.



11	Analysis and Design for Finite Element Method	Sanjay D., Chaitanya P., Manoj D., Jayashree M., Sri H.C.P.M., Madhusai A.	Madhav Engineering College, Department of Computer Science and Engineering, Madhav, Nellore. NRI Institute of Technology, Department of Computer Science and Engineering, Nellore. Sri Sreenivas Engineering College, Department of Information Technology, Tenali. Sri Sangeetha College of Engineering, Department of Computer Science and Engineering, Chittoor. Sri. Subhadra College of Technology, Department of Computer Science and Engineering, Nellore. Sri Mahesh Institute of Engineering and Technology, Department of Electrical and	2022 International Conference on Computer Communication and Information, ICCCCI 2022	2022	0	0011000113230705-2022-07440462
12	A Study of RTI and its Application in Administration and education in Government	Anjanika P. J., Anurag K., Praveen L., Harshada V.R., Pooja P., A.S.S.	NRI Institute of Technology, Department of Computer Science and Engineering, Madhav, Nellore. NRI Institute of Technology, Department of Information Technology, Tenali. Sri Sreenivas Engineering College, Department of Information Technology, Chittoor. Sri. Subhadra College of Technology, Department of Computer Science and Engineering, Chittoor. Sri Mahesh Institute of Engineering and Technology, Department of Electrical and	2022 International Conference on Computer Communication and Information, ICCCCI 2022	2022	0	0011000113230705-2022-07440462
13	Report of Enders on the Globalisation Status in the context of Regional, Global and the Indian as a Operational Institutions	Shalika K., Priya E. R., M.S.S.K., Madhu M., Madhusai A.	NRI Institute of Technology, Department of Computer Science and Engineering, Madhav, Nellore. NRI Institute of Technology, Department of Information Technology, Tenali. Sri Sreenivas Engineering College, Department of Information Technology, Chittoor. Sri. Subhadra College of Technology, Department of Computer Science and Engineering, Chittoor. Sri Mahesh Institute of Engineering and Technology, Department of Electrical and	2022 International Conference on Computer Communication and Information, ICCCCI 2022	2022	0	0011000113230705-2022-07440462
14	Role of Artificial Intelligence in Financial Management	Vijaya L. R., Ravi S. S.S.S., Vijayapriya V., Ravi V.R., M.S.S.S.	NRI Institute of Technology, Department of Computer Science and Engineering, Madhav, Nellore. NRI Institute of Technology, Department of Information Technology, Tenali. Sri Sreenivas Engineering College, Department of Information Technology, Chittoor. Sri. Subhadra College of Technology, Department of Computer Science and Engineering, Chittoor. Sri Mahesh Institute of Engineering and Technology, Department of Electrical and	2022 International Conference on Computer Communication and Information, ICCCCI 2022	2022	0	0011000113230705-2022-07440462
15	An Approach to Design of PCB layout for CT Scan Image using CAD/MATLAB	Prasad K. S., Prasad A., Chaitanya P., Madhusai A.	NRI Institute of Technology, Department of Computer Science and Engineering, Madhav, Nellore. NRI Institute of Technology, Department of Information Technology, Tenali. Sri Sreenivas Engineering College, Department of Information Technology, Chittoor. Sri. Subhadra College of Technology, Department of Computer Science and Engineering, Chittoor. Sri Mahesh Institute of Engineering and Technology, Department of Electrical and	2022 International Conference on Computer Communication and Information, ICCCCI 2022	2022	0	0011000113230705-2022-07440462
16	An Automated Framework for Dynamic Web Application Security (Using Deep Learning)	Ranjitha K. M., Anurag D., Madhusai A., Chaitanya P., Madhusai A., Madhusai A.	NRI Institute of Technology, Department of Computer Science and Engineering, Madhav, Nellore. NRI Institute of Technology, Department of Information Technology, Tenali. Sri Sreenivas Engineering College, Department of Information Technology, Chittoor. Sri. Subhadra College of Technology, Department of Computer Science and Engineering, Chittoor. Sri Mahesh Institute of Engineering and Technology, Department of Electrical and	2022 International Conference on Computer Communication and Information, ICCCCI 2022	2022	0	0011000113230705-2022-07440462
17	A Study of Deep Learning Approach for Image Classification from Supervised system	Praveen L., Anurag A., Aditya V.	NRI Institute of Technology, Department of Computer Science and Engineering, Madhav, Nellore. NRI Institute of Technology, Department of Information Technology, Tenali. Sri Sreenivas Engineering College, Department of Information Technology, Chittoor. Sri. Subhadra College of Technology, Department of Computer Science and Engineering, Chittoor. Sri Mahesh Institute of Engineering and Technology, Department of Electrical and	2022 International Conference on Computer Communication and Information, ICCCCI 2022	2022	0	0011000113230705-2022-07440462
18	Data Mining using Data Stream Algorithm using RDD API	Anurag E., Anurag S. S. S. S., Anurag P., Anurag R., Chaitanya P., Madhusai A.	NRI Institute of Technology, Department of Computer Science and Engineering, Madhav, Nellore. NRI Institute of Technology, Department of Information Technology, Tenali. Sri Sreenivas Engineering College, Department of Information Technology, Chittoor. Sri. Subhadra College of Technology, Department of Computer Science and Engineering, Chittoor. Sri Mahesh Institute of Engineering and Technology, Department of Electrical and	2022 International Conference on Computer Communication and Information, ICCCCI 2022	2022	0	0011000113230705-2022-07440462

  
**PRINCIPAL**  
**MLR Institute of Technology**  
 Lakshmi Reddy Avenue, Dunderdigi  
 Dunderdigi, TELANGANA, INDIA.

63	Decision of random process to find blood amount using drug therapy	Subramaniam A., Subramanian M., Lakshmi M.	Department of Information Technology, MLR Institute of Technology, Hyderabad, ANAVI, India. Department of Computer Science and Engineering, Vignans Institute of Technology and Studies, Hyderabad, 502002, India. Department of Computer Science and Engineering, Vignans Bharathi Engineering College, Hyderabad, 501015, India.	2022	22107003	1	16-10-2022
64	Smart detection method of abnormal temperature using Numpy approach	Karthikreddy S., Rajitha Choudhary S., Vidya Raju Dhanu J., Akshay Suresh Kumar K., Vinay Kumar K.	Department of Automobile Engineering, Tatyasaheb Kore Institute of Higher Education, Kambhatla, 502002, India. Department of Information Technology, Vignans Institute of Technology and Studies, Hyderabad, 502002, India. Department of Information Technology, MLR Institute of Technology, Hyderabad, Hyderabad, India.	2022	22107007	6	17-10-2022
65	Algorithm for solving process parameter prediction using predictive modeling techniques	Chavan Pooja Pooja J., Anand Suresh Kumar K., Lavanya K., Lavanya H.	Department of Automobile Engineering, Sreevasthi Group of Higher Education, Kambhatla, 502006, India. Department of Automobile Engineering, Murali Maheshwari Institute of Management Education, Kambhatla, 502006, India. Department of Information Technology, MLR Institute of Technology, Hyderabad, Hyderabad, India.	2022	22107001	9	16-10-2022
66	COVID-19 vaccine prediction analysis using public opinion on Twitter	Chinnayyan F., Anand S., Rajeshkumar K., Subramanian M. S., Anandhan Raju K., Akshay Subramanian M.	Department of Computer Science and Engineering, MLR Institute of Technology, Hyderabad, India. Department of Computer Science and Engineering, DR. J. J. Reddy Institute of Engineering, Hyderabad, India. Department of Information Technology, Vignans Institute of Technology and Studies, Hyderabad, 502002, India. Department of Information Technology, MLR Institute of Technology, Hyderabad, India. Department of Information Technology, MLR Institute of Technology, Hyderabad, India.	2022	22107004	9	16-10-2022
67	Hybrid heuristic techniques-based approach for regression modeling	Praveen K., Rajitha K. P., Suresh Kumar M., Vinayak P.	Venkatesh College of Engineering, Tadipatri, Hyderabad, India. CMR Institute of Technology, Tadipatri, Hyderabad, India. Anand Institute of Science and Technology, Tadipatri, Hyderabad, India. MLR Institute of Technology, Tadipatri, Hyderabad, India.	2022	22107018	9	16-10-2022
68	Design of color printed metal water pump for irrigation technology in low water level	Kumar K., Lakshmi Devi V., Rajitha Suresh Kumar M.	Dept. of EEE, JYV College of Engineering, Tadipatri, India. Dept. of EEE, MLR Institute of Technology, Hyderabad, India.	2022	22107011	9	16-10-2022
69	Spine Optimization Advancements of optimization in pharmaceutical industry. Application software for low and medium waterfalls testing	Naga Lakshmi S., Rajitha K., Anandhan T., Vinayak S., Praveen Kumar M.	Department of Science and Technology, MLR Institute of Technology, Hyderabad, India. Department of Bio Science & Humanities, Madhavaiah Mah College of Engineering and Technology, Tadipatri, India. Department of Science & Humanities, Vignans Institute of Technology and Studies, Hyderabad, India. Department of Science & Humanities, MLR Institute of Technology, Hyderabad, India.	2022	22107010	9	16-10-2022
70	A Mathematical Model of COVID-19 in India Based on an Epidemic Disease	Praveen K., Anandhan M., Lakshmi M., Subramanian K., Anandhan S.	Venkatesh College of Engineering, Hyderabad, Hyderabad, India. Murali Maheshwari Institute of Management Education and Research, Kambhatla, Hyderabad, India.	2022	2022	9	16-10-2022



PRINCIPAL

**MLR Institute of Technology**  
Laxman Reddy Avenue, Dundigal,  
Gouthallapur, Hyderabad-43.

38	Trade Survey table cover requires	Prof Y. A. Bharathi, Dr. Manu Rajendran, Dr. Anu M.	Department of Information and Communication Technology, Aditya Sahasra (Open School), Aditya Sahasra, Hyderabad, Telangana, Hyderabad, India	Advanced Table Knowledge	2022	2217980	0	01/01/2022 to 30/06/2022
39	Advanced Table requires knowledge for I.T.I.T	Dr. Manu Rajendran, Dr. Anu M.	Department of Information and Communication Technology, Aditya Sahasra (Open School), Aditya Sahasra, Hyderabad, Telangana, Hyderabad, India	Advanced Table Knowledge	2022	2217980	0	01/01/2022 to 30/06/2022
40	As a participant in the field of parameters of the process of field operations involving an industrial organization	Dr. Manu Rajendran, Dr. Anu M.	Department of Information and Communication Technology, Aditya Sahasra (Open School), Aditya Sahasra, Hyderabad, Telangana, Hyderabad, India	Advanced Table Knowledge	2022	2217980	0	01/01/2022 to 30/06/2022
41	Analysis Survey based on knowledge about products	Dr. Manu Rajendran, Dr. Anu M.	Department of Information and Communication Technology, Aditya Sahasra (Open School), Aditya Sahasra, Hyderabad, Telangana, Hyderabad, India	Advanced Table Knowledge	2022	2217980	0	01/01/2022 to 30/06/2022
42	Study of the process of field operations involving an industrial organization	Dr. Manu Rajendran, Dr. Anu M.	Department of Information and Communication Technology, Aditya Sahasra (Open School), Aditya Sahasra, Hyderabad, Telangana, Hyderabad, India	Advanced Table Knowledge	2022	2217980	0	01/01/2022 to 30/06/2022
43	Study of the process of field operations involving an industrial organization	Dr. Manu Rajendran, Dr. Anu M.	Department of Information and Communication Technology, Aditya Sahasra (Open School), Aditya Sahasra, Hyderabad, Telangana, Hyderabad, India	Advanced Table Knowledge	2022	2217980	0	01/01/2022 to 30/06/2022





47	Mathematical analysis of CT scan data	Sudhakar P., Subrahmanyan G., Anand K. R., Lakshmanan S., Uma Rajasekharan R.	Department of Aeronautical Engineering, Bharath Institute of Technology, Sakleshwaram, 504011, India; Department of Mechanical Engineering, Bharath Institute of Technology, Sakleshwaram, 504011, India; Department of Aeronautical Engineering, Bharath Institute of Technology, Sakleshwaram, 504011, India; Department of Aeronautical Engineering, Bharath Institute of Technology, Sakleshwaram, 504011, India	Abstract Topic: Proceedings	2022	221-47620	0	01-01-2022
48	Experimental study on the effect of different parameters on the performance of a microfluidic device	Ashwin Kumar, Anand K. R., Subrahmanyan G., Anand K. R., Lakshmanan S., Uma Rajasekharan R.	Department of Mechanical Engineering, Bharath Institute of Technology, Sakleshwaram, 504011, India; Department of Mechanical Engineering, Bharath Institute of Technology, Sakleshwaram, 504011, India; Department of Mechanical Engineering, Bharath Institute of Technology, Sakleshwaram, 504011, India; Department of Mechanical Engineering, Bharath Institute of Technology, Sakleshwaram, 504011, India	Abstract Topic: Proceedings	2022	221-47619	0	01-01-2022
49	An effective numerical solution of heat conduction problem using finite difference method	K. S. S. P. S., Dr. S. K. Kulkarni, Sushant V. Anand K. R.	Department of Computer Science & Engineering, Sree College of Technology, Tirunelveli, India; Department of Information Technology, Bharath Institute of Technology, Sakleshwaram, 504011, India; Department of Computer Science & Engineering, Sree College of Technology, Tirunelveli, India	Abstract Topic: Proceedings	2022	221-47621	0	01-01-2022
50	Optimization of heat transfer coefficient using genetic algorithm	M. S. S. P. S., S. K. Kulkarni, Sushant V. Anand K. R.	Department of Mechanical Engineering, Bharath Institute of Technology, Tirunelveli, India; Department of Information Technology, Bharath Institute of Technology, Sakleshwaram, 504011, India; Department of Mechanical Engineering, Bharath Institute of Technology, Tirunelveli, India	Abstract Topic: Proceedings	2022	221-47622	0	01-01-2022
51	Non-linear finite element analysis of a cantilever beam under a point load	Srinivasan K. S., Anand K. R., Lakshmanan S., Uma Rajasekharan R., Anand K. R.	M. E. Institute of Technology, Tirunelveli, India; M. E. Institute of Technology, Tirunelveli, India; Department of Aeronautical Engineering, Bharath Institute of Technology, Sakleshwaram, 504011, India; Department of Aeronautical Engineering, Bharath Institute of Technology, Sakleshwaram, 504011, India	Abstract Topic: Proceedings	2022	221-47623	0	01-01-2022
52	Analysis of stress intensity factor using finite element method	Prasad K. R., Anand K. R., Lakshmanan S., Uma Rajasekharan R., Anand K. R.	Department of Mechanical Engineering, VIT-VEIT, Vellore, India; Department of Computer Science and Engineering, M. E. Institute of Technology, Tirunelveli, India	Abstract Topic: Proceedings	2022	221-47624	0	01-01-2022
53	Non-linear finite element analysis of a cantilever beam under a point load	K. S. S. P. S., S. K. Kulkarni, Sushant V. Anand K. R.	Department of Mechanical Engineering, Bharath Institute of Technology, Tirunelveli, India; Department of Information Technology, Bharath Institute of Technology, Sakleshwaram, 504011, India; Department of Mechanical Engineering, Bharath Institute of Technology, Tirunelveli, India	Abstract Topic: Proceedings	2022	221-47625	0	01-01-2022
54	Finite element analysis of a cantilever beam under a point load	M. S. S. P. S., S. K. Kulkarni, Sushant V. Anand K. R.	Department of Mechanical Engineering, Bharath Institute of Technology, Tirunelveli, India; Department of Information Technology, Bharath Institute of Technology, Sakleshwaram, 504011, India; Department of Mechanical Engineering, Bharath Institute of Technology, Tirunelveli, India	Abstract Topic: Proceedings	2022	221-47626	0	01-01-2022



**PRINCIPAL**  
**MLR Institute of Technology**  
 Laxman Reddy Avenue, Dundigal,  
 Quthbullapur, Hyderabad-43.





61	Researching the influence of artificial intelligence on the future of work. This paper explores the potential of AI in various industries and its impact on the workforce.	Aradhana G., Anurag K., Pragathi K., Anurag V., Pragathi M.	Department of Mechanical Engineering, Secunderabad Institute of Technology, Secunderabad, India.	Maths: Trigonometry	2022	22147901	9	60-01161-ecmpg-2022-01-100
62	Exploring the impact of artificial intelligence on the future of work. This paper explores the potential of AI in various industries and its impact on the workforce.	Dr. Kiran H., Dr. J. S. V. Srinivasulu Reddy, Dr. J. S. V. Srinivasulu Reddy	Department of IT, Vignans Foundation for Science, Technology and Business (Vignans VIT) - Hyderabad, India.	Maths: Trigonometry	2022	22147901	9	60-01161-ecmpg-2022-01-100
63	Effect of artificial intelligence on the future of work. This paper explores the potential of AI in various industries and its impact on the workforce.	Dr. Kiran H., Dr. J. S. V. Srinivasulu Reddy, Dr. J. S. V. Srinivasulu Reddy	Department of IT, Vignans Foundation for Science, Technology and Business (Vignans VIT) - Hyderabad, India.	Maths: Trigonometry	2022	22147901	9	60-01161-ecmpg-2022-01-100
64	Effect of artificial intelligence on the future of work. This paper explores the potential of AI in various industries and its impact on the workforce.	Dr. Kiran H., Dr. J. S. V. Srinivasulu Reddy, Dr. J. S. V. Srinivasulu Reddy	Department of IT, Vignans Foundation for Science, Technology and Business (Vignans VIT) - Hyderabad, India.	Maths: Trigonometry	2022	22147901	9	60-01161-ecmpg-2022-01-100
65	Effect of artificial intelligence on the future of work. This paper explores the potential of AI in various industries and its impact on the workforce.	Dr. Kiran H., Dr. J. S. V. Srinivasulu Reddy, Dr. J. S. V. Srinivasulu Reddy	Department of IT, Vignans Foundation for Science, Technology and Business (Vignans VIT) - Hyderabad, India.	Maths: Trigonometry	2022	22147901	9	60-01161-ecmpg-2022-01-100
66	Effect of artificial intelligence on the future of work. This paper explores the potential of AI in various industries and its impact on the workforce.	Dr. Kiran H., Dr. J. S. V. Srinivasulu Reddy, Dr. J. S. V. Srinivasulu Reddy	Department of IT, Vignans Foundation for Science, Technology and Business (Vignans VIT) - Hyderabad, India.	Maths: Trigonometry	2022	22147901	9	60-01161-ecmpg-2022-01-100
67	Effect of artificial intelligence on the future of work. This paper explores the potential of AI in various industries and its impact on the workforce.	Dr. Kiran H., Dr. J. S. V. Srinivasulu Reddy, Dr. J. S. V. Srinivasulu Reddy	Department of IT, Vignans Foundation for Science, Technology and Business (Vignans VIT) - Hyderabad, India.	Maths: Trigonometry	2022	22147901	9	60-01161-ecmpg-2022-01-100
68	Effect of artificial intelligence on the future of work. This paper explores the potential of AI in various industries and its impact on the workforce.	Dr. Kiran H., Dr. J. S. V. Srinivasulu Reddy, Dr. J. S. V. Srinivasulu Reddy	Department of IT, Vignans Foundation for Science, Technology and Business (Vignans VIT) - Hyderabad, India.	Maths: Trigonometry	2022	22147901	9	60-01161-ecmpg-2022-01-100

  
**PRINCIPAL**





11	Modeling Learning based Customization of MIT Decision on Data Analytics for IIS	Kavitha S., Karanmachi V.R., Rajarajeev P.S., Joshi V.C., Rao S.H., Karthika M.	Faculty of Information Technology, Department of Computer Science and Engineering, Technological Education Institute, VIT-AP Institute of Technology, Department of Information and Communication Technology, Department of English, Vellore Institute of Technology, India.	Proceedings - International Conference on Applied Artificial Intelligence and Computing, IC/AIIC-2022	2022		9		10.1101/2022.03.22.481774
12	The prediction of LCO performance at the field scale using reservoir simulation	Pillai S., Vinayakumar S., Venkatesh V.R., Rao S.S., Jeyapriya, Vignesh R.	Department of Chemical Engineering, Indian Institute of Technology, Madras, India. School of Chemical Engineering, MIT Institute of Technology, Vellore, India. School of Chemical Engineering, MIT Institute of Technology, Vellore, India. School of Chemical Engineering, MIT Institute of Technology, Vellore, India. School of Chemical Engineering, MIT Institute of Technology, Vellore, India.	International Conference on Applied Artificial Intelligence and Computing, IC/AIIC-2022	2022	22147910	9		10.1101/2022.03.22.481774
13	Forecasting the effect of CO2 on stability performance for the advanced high speed train	Yadav R.K., Puri S., Singh Gaurav S., Kumar M.C., Singh R.K., Shrivastava S.	Department of Mechanical Engineering, Indian Institute of Technology, Madras, India. School of Mechanical Engineering, MIT Institute of Technology, Vellore, India. School of Mechanical Engineering, MIT Institute of Technology, Vellore, India. School of Mechanical Engineering, MIT Institute of Technology, Vellore, India.	International Conference on Applied Artificial Intelligence and Computing, IC/AIIC-2022	2022	22147911	9		10.1101/2022.03.22.481774
14	Optical detection and stable motion of high temperature and compressive states signal optical detection for high speed train	Santhosh V., Anand Kumar S., Kumar S.	Department of Information and Business Analytics, VIT-AP Institute of Technology, Vellore, India. School of Information and Business Analytics, MIT Institute of Technology, Vellore, India. School of Information and Business Analytics, MIT Institute of Technology, Vellore, India.	International Conference on Applied Artificial Intelligence and Computing, IC/AIIC-2022	2022	22147912	9		10.1101/2022.03.22.481774
15	Preparation and characterization of poly(ethylene glycol) hydrogel for drug delivery	Subash S., Anand Kumar S., Kumar S., Kumar S., Kumar S., Kumar S.	Department of Information and Business Analytics, VIT-AP Institute of Technology, Vellore, India. School of Information and Business Analytics, MIT Institute of Technology, Vellore, India. School of Information and Business Analytics, MIT Institute of Technology, Vellore, India.	International Conference on Applied Artificial Intelligence and Computing, IC/AIIC-2022	2022	22147913	9		10.1101/2022.03.22.481774
16	Optimizing ESR process parameters using RSM and genetic algorithm for stable and accurate detection results	Prasad S., Anand Kumar S., Kumar S., Kumar S., Kumar S., Kumar S.	Department of Information and Business Analytics, VIT-AP Institute of Technology, Vellore, India. School of Information and Business Analytics, MIT Institute of Technology, Vellore, India. School of Information and Business Analytics, MIT Institute of Technology, Vellore, India.	International Conference on Applied Artificial Intelligence and Computing, IC/AIIC-2022	2022	22147914	9		10.1101/2022.03.22.481774
17	Design optimization using RSM and genetic algorithm for stable and accurate detection results	Prasad S., Anand Kumar S., Kumar S., Kumar S., Kumar S., Kumar S.	Department of Information and Business Analytics, VIT-AP Institute of Technology, Vellore, India. School of Information and Business Analytics, MIT Institute of Technology, Vellore, India. School of Information and Business Analytics, MIT Institute of Technology, Vellore, India.	International Conference on Applied Artificial Intelligence and Computing, IC/AIIC-2022	2022	22147915	9		10.1101/2022.03.22.481774
18	High speed train (HST) performance using RSM and genetic algorithm for stable and accurate detection results	Prasad S., Anand Kumar S., Kumar S., Kumar S., Kumar S., Kumar S.	Department of Information and Business Analytics, VIT-AP Institute of Technology, Vellore, India. School of Information and Business Analytics, MIT Institute of Technology, Vellore, India. School of Information and Business Analytics, MIT Institute of Technology, Vellore, India.	International Conference on Applied Artificial Intelligence and Computing, IC/AIIC-2022	2022	22147916	9		10.1101/2022.03.22.481774





3.4.5 Bibliometrics of the publications during the last five years in Scopus/ Web of Science/ PubMed

Sl. No.	Title of paper	Name of the authors	Department of the author	Name of Journal	Year of publication	ISSN	Check No.	Link to the registration in IOC members of the Journal/ Digital Object Identifier (DOI number)
1	Energy storage, biomass and photovoltaic power generation coupled with hydrogen production: A review	Pradyumn K. Mishra, Anand Kumar S. Venkatesh, V. Sathya	Department of Chemical & Biomaterials Engineering, Indian Institute of Technology (IIT) Kharagpur, India. Email: pradyumn@iitkgp.ac.in, anandk@iitkgp.ac.in, sathya@iitkgp.ac.in	Journal of Environmental Management	2022	0950-4230	10.1016/j.jenvman.2022.116614	
2	Energy storage of ERG based on a novel chemical reaction	M. R. G. G. G. G.	Department of Mathematics, M. V. J. College of Engineering, Technology and Management, Hyderabad, India.	Int. Journal	2022	2688-4140	10.1016/j.ijm.2022.100349	
3	Characterization of porous hydrogel sponges coupled with hydrogen production	Dr. V. S. S.	Department of Mathematics, Bhabha Atomic Research Centre, Hyderabad, India.	Journal of Chemistry and Physics	2022	0021-9640	10.1063/1.5061174	
4	Review on the role of hydrogen in energy storage and production	Dr. V. S. S.	Department of Mathematics, Bhabha Atomic Research Centre, Hyderabad, India.	Journal of Chemistry and Physics	2022	0021-9640	10.1063/1.5061174	
5	REVIEW OF THE ROLE OF HYDROGEN IN ENERGY STORAGE AND PRODUCTION	Dr. V. S. S.	Department of Mathematics, Bhabha Atomic Research Centre, Hyderabad, India.	Journal of Chemistry and Physics	2022	0021-9640	10.1063/1.5061174	
6	Review on the role of hydrogen in energy storage and production	Dr. V. S. S.	Department of Mathematics, Bhabha Atomic Research Centre, Hyderabad, India.	Journal of Chemistry and Physics	2022	0021-9640	10.1063/1.5061174	
7	Review on the role of hydrogen in energy storage and production	Dr. V. S. S.	Department of Mathematics, Bhabha Atomic Research Centre, Hyderabad, India.	Journal of Chemistry and Physics	2022	0021-9640	10.1063/1.5061174	


**PRINCIPAL**  
**MLR Institute of Technology**  
 Laxman Reddy Avenue, Dundigal,  
 Quthbullapur, Hyderabad-43.



3.4.5 Bibliometrics of the publications during the last five years based on average Citation index in Scopus/ Web of Science/ PubMed

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN	cited by
1	Effect of Higher Transition Foundation on Dynamic Stability Boundaries of Simply Supported Beam	Subbaraman B., Jagann R.R., Jena S.P., Gupta M.S.	Department of Mechanical Engineering, Vardhaman College of Engineering, Hyderabad, Shashabud, Telangana, 501 218, India; Aesi Services LLP, Telangana, Hyderabad, India; Department of Mechanical Engineering, Vardhaman College of Engineering, Shashabud, Telangana, Hyderabad, 501 218, India; Department of Aeronautical Engineering, MLR Institute of Technology, Telangana, Hyderabad, India	IOP Conference Series: Materials Science and Engineering	2020-21	17578981	0
2	Effect of multi-groove reinforcement strategy on CuSiC surface composite fabricated by friction stir processing	Kumar H., Prasad R., Kumar P.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India; Department of Mechanical Engineering, Indian Institute of Technology (IITM), Varanasi, India	Materials Chemistry and Physics	2020-21	2540584	3
3	Design and development of portable spirometer with an embedded web server	Kadali A., Vuyyuru A., Venkata Surya Prasad S.	MLR Institute of Technology, Telangana, Dundigal, Hyderabad, 500043, India	AIP Conference Proceedings	2020-21	0094243X	0
4	Cryogenic heat treatment process for D2 steel & M2 steel	Prabhu Kishore N., Shank T., Hanugireesh Ch., Durga Prasad K.G., Alekhy N.	Department of Mechanical Engineering, MLR Institute of Technology, Dundigal, Telangana, India; Department of Mechanical Engineering, G.V.P School of Engineering, Vishakhapatnam, 530045, India; Department of Aeronautical Engineering, MLR Institute of Technology, Dundigal, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
5	Smart green farming management system using IoT	Vinod M., Rajendra K., Venkata Surya Prasad S.	MLR Institute of Technology, Telangana, Dundigal, Hyderabad, 500043, India	AIP Conference Proceedings	2020-21	0094243X	0
6	Soldier tracking and health monitoring system	Pulamanadi B., Nareesh Kumar D., Prasad S.V.S.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, Telangana, 500 043, India	AIP Conference Proceedings	2020-21	0094243X	0
7	Surface functionalized porous nanomaterials for thermotics	Arigaon C., Pisan C., Yunnam S., Singh A., Tang G.	Department of Sciences and Humanities, MLR Institute of Technology, Hyderabad, TS, 500043, India; Department of Chemistry, Zingang University, Hangzhou, 310028, China	AIP Conference Proceedings	2020-21	0094243X	0
8	Design and development of object detection and separation mechanism using raspberry PI	Paraneesh V., Shrawan Kumar G., Venkata Surya Prasad S.	MLR Institute of Technology, Dundigal, Hyderabad, Telangana, 500043, India	AIP Conference Proceedings	2020-21	0094243X	0
9	Vegetable assisted synthesis of gold nanostructures and its molecular optical properties	Erasmuni R., Jyothi L., Nanyana Rao D.	Department of Science and Humanities, MLR Institute of Technology, Dundigal, Hyderabad, Telangana, 500043, India; School of Physics, University of Hyderabad, Gachibowli, Hyderabad, Telangana, 500046, India	AIP Conference Proceedings	2020-21	0094243X	0



PRINCIPAL

10	IoT and GPS based women safety system using ARM7 controller	Shranya V., Prasad S.V.S.	Department of ECE, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
11	Free convection in a vertical slit micro-channel with super-hydrophobic slip and temperature jump conditions	Ramanuja M., Krishna G.G., Sree H.K., Rashika V.N.	Department of Mathematics, Mari Laxman Reddy Institute of Technology & Management, Dandigal, Hyderabad, 500043, India; Department of Mathematics, GITAM Institute of Technology and Management, Bangalore, Karnataka, 561203, India; Department of H & S, Mari Laxman Reddy Institute of Technology, Dandigal, Hyderabad, 500043, India	International Journal of Heat and Technology	2020-21	3928764	0
12	Automatic prediction of silent heart attacks using neural networks based hybrid classification system	Madhuvant B., Gadipati S.S., Sowjanya P.	Department of Computer Science and Engineering, MLR Institute of Technology, Dandigal, Hyderabad, Telangana, India; Department of Computer Science and Engineering, School of Technology, GITAM (DEEMED TO BE UNIVERSITY), Hyderabad, Telangana, India	International Journal of Advanced Trends in Computer Science and Engineering	2020-21	22783091	0
13	Solvent-Assisted [(Glycine)-(Mg-SiO <sub>2</sub> NPs)] Aggregate for Drug Loading and Cancer Therapy	Angotha C., Sarthosa R., Malvarth T., Singh A., Murali B., Tang G.	Department of Chemistry, Zhejiang University, Hangzhou, 310028, China; School of Chemistry, University of Hyderabad, Hyderabad, 500046, India; Department of Biochemistry and Molecular Biology, Tel Aviv University, Israel; Department of Humanities and Sciences, MLR Institute of Technology, Hyderabad, 500043, India	ChemistrySelect	2020-21	23656549	0
14	One-Pot, Rapid and Facile Synthesis of Thiolglycolic Acid capped CdSe quantum dots: Tuning of Properties, Mechanistic Investigations by Cyclic Voltammetry and Cytotoxicity Studies	Singh A., Yunnam S., Kumar A., Tripathi V.S., Neogy S., Rathi M.C.	Department of Science & Humanities, MLR Institute of Technology, Dandigal, Hyderabad, 500043, India; Radiation and Photochemistry Division, Bhabha Atomic Research Centre, Mumbai, 400085, India; Materials Science Division, Bhabha Atomic Research Centre, Mumbai, 400085, India	ChemistrySelect	2020-21	23656549	1
15	Human Position Tracking and Detection Using Geometric Active Contours	Arunamth T.S., Manjula B., Baskar M.	MLR Institute of Technology, Department of Electronics and Communication Engineering, Hyderabad, Telangana 43, India; Embedded Systems, MLR Institute of Technology, Hyderabad, Telangana, 43, India; SRM Institute of Science and Technology, Department of Computer Science and Engineering, Chennai, India	Proceedings of the 2nd International Conference on Inventive Research in Computing Applications, ICIRCA 2020	2020-21	97,81,72,81,53,742,00	0
16	Support vector machine based intelligent driver drowsiness monitoring system	Ganeshwari K., Reddicherla V.R., Bhattacharjee R.	Department of IT, MLR Institute of Technology, Hyderabad, India; Department of IT, MLR Institute of Technology, Hyderabad, India; Department of CSE, SCTT, Manipal University Jaipur, Jaipur, India	International Journal of Advanced Trends in Computer Science and Engineering	2020-21	22783091	

PRIMPAC



17	Retraction notice to <i>MLR</i> Combined effect of composite inductive and combustion chamber modification to adapt waste plastic oil as fuel on a diesel engine.	Brijesh P., Parthasarathy P., Geetha N.K.	Department of Mechanical Engineering, St. Peter's Institute of Higher Education and Research, Chennai, 60 0 034, India; Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, 50 0 043, India; Department of Science and Humanities, Sri Krishna College of Engineering and Technology, Coimbatore, 641008, India	Journal of the Taiwan Institute of Chemical Engineers	2020-21	18761070	0
18	Study on ultrasound velocities and elastic properties of sodium diboro-vanadate glasses	Harithanalsaree N., Reddy S., Narayana Reddy C.	Ranard Center, Bharathiar University, Coimbatore, 641046, India; Department of Science and Humanities, MLR Institute of Technology, Hyderabad, 500043, India; Department of Physics, School of Engineering, Presidency University, Bangalore, 560064, India; Department of Physics, PES University, Bangalore, 560085, India	Journal of Physics: Conference Series	2020-21	17426588	0
19	Retraction notice to Combined Effect of Composite Additive and Combustion Chamber Modification to Adapt Waste Plastic Oil as Fuel on a Diesel Engine	Brijesh P., Parthasarathy P., Geetha N.K.	Department of Mechanical Engineering, St. Peter's Institute of Higher Education and Research, Chennai, 60 0 034, India; Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, 50 0 043, India; Department of Science and Humanities, Sri Krishna College of Engineering and Technology, Coimbatore, 641008, India	Journal of the Taiwan Institute of Chemical Engineers	2020-21	18761070	0
20	Electronic tuning square-wave generators with improved linearity using operational transresistance amplifier	Shaker P.C., Srinivasulu A.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, 500043, India; Department of Electronics and Communication Engineering, JECRC University, Jaipur, 303905, India	Journal of Low Power Electronics and Applications	2020-21	20799268	0
21	Detection of Atrial Fibrillation from Single Lead ECG Signal Using Multirate Cosine Filter Bank and Deep Neural Network	Grioth S.K., Tripathy R.K., Paternina M.R.A., Arrieta J.J., Zamora-Mendez A., Naik G.R.	MLR Institute of Technology, Hyderabad, India; Birla Institute of Technology and Science Pilani, Hyderabad, India; National Autonomous University of Mexico (UNAM), Mexico City, Mex. 04510, Mexico; Sanatorio G'Saernes, Buenos Aires, 01188, Argentina; Michoacan University of Saint Nicholas of Hidalgo (UMSNH), Mich. Morelia, 58030, Mexico; Biomedical Engineering and Neuroorphic Systems (BENS) Research Group, MARCS Institute, Western Sydney University, Penrith, NSW, Australia	Journal of Medical Systems	2020-21	1485598	11
22	Improvement of heat transfer through fins: A brief review of Eminent developments	Maji A., Choudhary G.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India; Department of Mechanical Engineering, Institute of Infrastructure Technology Research and Management (IITRAM), Alimadabad, Gujarat, India	Heat Transfer	2020-21	26884534	0

PRINCIPAL

MLR Institute of Technology

Laxman Reddy Avenue, Durgam Cheruvu  
Gouthallapur, Hyderabad-43,  
TELANGANA, INDIA.

23	Advanced and Effective Classification of Parkinson's Disease Using Enhanced Neural Networks	Kumar K.K., Babu P.V., Gopi S.C., Arifa Z.	Vignan's Foundation for Science Technology and Research University, CSE Department, Vallamudi, Andhra Pradesh, India; MLRIT, CSE Department, Hyderabad, Telangana, India	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2020	2020-21	97,81,72,81,48,762.00	1
24	Enhanced Computerized Brain Tumor Detection with the Features Extracted from SIFT	Prasada N.R., Jakkula P., Arifa Z.	MLR Institute of Technology, Department of Information Technology, Hyderabad, India; SBCE, Department of CSE, Khannamanu, Telangana, India	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2020	2020-21	97,81,72,81,48,762.00	0
25	Novel synthesis and study of nonlinear adsorption and surface-enhanced Raman scattering of carbon nanotubes decorated with silver nanoparticles	Saad N.A., Ramya E., Sakthian V., Narahariseety S.R.G., Narayana Ran D.	School of Physics, University of Hyderabad, Hyderabad, 500046, India; D of Science and Humanities, MLR Institute of Technology, Hyderabad, Telangana 500043, India; Institute of Science, GITAM, Visakhapatnam, 530045, India	Chemical Physics	2020-21	3010104	1
26	Results on quotient B $\ell$ -algebras via interval valued fuzzy dual ideals	Ramesh D., Kumar M.S., Srinivasarajana N., Devanildam D., Sanyasurajana B.	Department of Mathematics, Koneru Akshayak Education Foundation, Guntur, A.P 522502, India; MLR Institute of Technology, Dandigal, Hyderabad, Telangana, India; Department of Mathematics, DAR College, Krishna (DR), Nuzvid, A.P, India; Department of Mathematics, Acharya Nagarjuna University, Guntur, A.P 522510, India	International Journal of Advanced Science and Technology	2020-21	20054238	3
27	Performance analysis of Inductive feature subset selection algorithm for effective intrusion detection	Chandra Sekhar Reddy N., Vermini P.C.R., Govardhan A.	Computer Science and Engineering, MLR Institute of Technology, Hyderabad, India; Computer Science and Engineering, JNTU, Hyderabad, India	International Journal of Advanced Science and Technology	2020-21	20054238	2
28	Use of big data to measure attentiveness of the student	Sowmya G., Srisitha N., Jyothi G.D.	Department of Computer Science and Engineering, MLR Institute of Technology, Hyderabad, India	International Journal of Advanced Trends in Computer Science and Engineering	2020-21	22783091	0
29	Mitigating voltage sag in secondary distribution line using DVR with single DC source	Srivardhan Kumar C., Ramu T.B., Sreenivasa Reddy M.	Department of Electrical and Electronics Engineering, MLR Institute of Technology, Dandigal/Telangana 500043, India	International Journal of Scientific and Technology Research	2020-21	22778616	0
30	A survey on fake news detection in social media using deep neural networks	Alekya L., Lakshmi L., Susmitha G., Hemanti S.	MLR Institute of Technology, Hyderabad, India; BVVRIT Hyderabad College of Engineering for Women, Hyderabad, India	International Journal of Scientific and Technology Research	2020-21	22778616	2

PRINCIPAL

MLR Institute of Technology

Laxman Reddy Avenue, Dandigal  
Quthbullapur, Hyderabad-43,  
TELANGANA, INDIA.



31	OPTIMUM FORCE SYSTEM for EN-MASSE RETRACTION OF SIX MAXILLARY ANTERIOR TEETH in LABIAL ORTHODONTICS	Thote A.M., Uddanwariker R.V., Sharma K., Srivastava S., Roddy V.	School of Mechanical Engineering, MIT-World Peace University, Pune, Maharashtra, India; Department of Mechanical Engineering, Visvesvaraya National Institute of Technology, Nagpur, Maharashtra, India; Private Practice, Toothart Clinic, Nagpur, Maharashtra, India; Department of Orthodontics, Sharda Pawar Dental College, Wardha, Maharashtra, India; Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India	Journal of Mechanics in Medicine and Biology	2020-21	2195194	3
32	Combimaterial rough neutrosophic multi attribute decision making approach for selection of waste plastic oil - Diesel blends	Geetha N.K., Bridgesth P.	Department of Science and Humanities, Sri Krishna College of Engineering and Technology, Coimbatore, India; Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	Materials Today: Proceedings	2020-21	22147853	1
33	Transforming engineering education in India in terms of quality standards	Seepurani V., Kalyan J., Lakshmi Prasanna V.	MLR Institute of Technology, Dandigal, Hyderabad, India	Journal of Engineering Education Transformations	2020-21	23492473	0
34	Innovation and designing as per industry need a survey on evaluation criteria of curriculum	Surya Narayana K., Narasimha Rao M.V.	MELKIT, India	Journal of Engineering Education Transformations	2020-21	23492473	1
35	PCA Based Dimensional Data Reduction and Segmentation for DICOM Images	Avelanuth T.S., Balaji L., Baskar M., Anbarasu V., Rao K.S.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, Telangana 500 043, India; Department of Electronics and Communication Engineering, Veda Tech Kangariganj Dr. Sagarbaba R&D Institute of Science and Technology, Avadi, Chennai, Tamilnadu 600 062, India; Department of Computer Science and Engineering, School of Computing, SRM Institute of Science and Technology, Kattankulathur, Kanchipuram, Chennai, Tamilnadu 603 203, India; Department of Computer Science and Engineering, MLR Institute of Technology, Hyderabad, Telangana 500 043, India	Neural Processing Letters	2020-21	13704621	16
36	Harmonic minimisation in direct torque controlled induction motor using neural network controller	Anbarapu S., Vijaya Kumar M.	EEE Department, Marri Laxman Reddy Institute of Technology, Hyderabad, Telangana, India; Electrical Engineering Department, JNTUA, Anantapuram, Andhra Pradesh, India	International Journal of Energy Technology and Policy	2020-21	14728923	0
37	A Comparative Study on LSB Replacement Steganography	Satish C., Bachtu S.	Gurunank Institutions Technical Campus, Hyderabad, India; MELKIT, Hyderabad, India	Lecture Notes in Networks and Systems	2020-21	23673370	0

PRINCIPAL

**MLR Institute of Technology**  
Laxman Reddy Avenue, Dandigal  
Outhbulpur, Hyderabad-43,  
TELANGANA, INDIA.

38	Blended learning: Exploring new models for effective teaching and learning	Radhika Devi V., Lavrinimuth N., Lavanya Y.	Department of Science and Humanities, MLR Institute of Technology, An Autonomous Institution, Affiliated to JNTUH, Hyderabad, T.S., India	Journal of Engineering Education Transformations	2020-21	23492473	0
39	Embracing disruption in engineering education	Ram Mohan Rao P., Kiran Kumar G., Radhika Devi V., Ramu Chandra Reddy A.	Spoorthy Engineering College, Hyderabad, 501510, India; MLR Institute of Technology, Hyderabad, 500043, India	Proceedia Computer Science	2020-21	18770509	1
40	Development of themes and sub-themes using text-extraction	Pooerajna M.S., Navveen Kumar N.S., Varanasi M., Bhargavi M.M., Pooerajna R., Babu S.	Amrita Vishwa Vidyapeetham, Bangalore, Karnataka, 560035, India; MLR Institute of Technology, Hyderabad, Telangana, 500043, India; Lovely Professional University, Phagwara, Punjab, 144411, India; Amrita Vishwa Vidyapeetham, Bangalore, Karnataka, 560035, India	Proceedings of the International Conference on Industrial Engineering and Operations Management	2020-21	21698767	0
41	Evaluation for tools and techniques for text-extraction	Navveen Kumar N.S., Pooerajna M.S., Varanasi M., Bhargavi M.M., Pooerajna R., Babu S.	Amrita Vishwa Vidyapeetham, Bangalore, Karnataka, 560035, India; MLR Institute of Technology, Hyderabad, Telangana, 500043, India; Lovely Professional University, Phagwara, Punjab, 144411, India; Amrita Vishwa Vidyapeetham, Bangalore, Karnataka, 560035, India	Proceedings of the International Conference on Industrial Engineering and Operations Management	2020-21	21698767	0
42	Effective course and curriculum design of MLR institute of technology an autonomous institution for a case study.	Arulnambh T.S., Ellappan S., Naga Raju J.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, Telangana 43, India; Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana 43, India	Journal of Engineering Education Transformations	2020-21	23492473	0
43	Advancement of solar selective DLC coating using ecpvd for solar thermal applications	Sanjeev A., Archana K., Ellappan S., Malleshani D.	MLR Institute of Technology, Hyderabad, 500043, India	Journal of Thermal Engineering	2020-21	21487847	1
44	Blade motor based eak converter using model predictive controller for low power applications	Ramu T.B., Kumar C.S., Rao A.S.	Department of Electrical And Electronics Engineering, MLR Institute of Technology, Dandigal, Telangana 500043, India	International Journal of Advanced Trends in Computer Science and Engineering	2020-21	22783091	0
45	Addition of diethyl ether on the LHR engine characteristics using bio diesel-ethyl ether blend	Ellappan S., Rajeshwar S.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India; Department of Mechanical Engineering, J.K.K. Nairia College of Engineering and Technology, Narsakal, Tirunelveli, India	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2020-21	15567036	0
46	A novel scheme for security of unstructured and semi-structured big data outsourced to cloud	Reddy P.A., Reddy P.B., Ramesh O.	Department of Information Technology, MLR Institute of Technology, Telangana, India; Department of Electrical and Electronics Engineering, Holy Mary Institute of Technology & Science, Telangana, India; Department of Computer Science and Engineering, MLR Institute of Technology, Telangana, India	International Journal on Emerging Technologies	2020-21	9758364	0

  
PRINCIPAL



47	Advanced strategy of personal health record for cloud computing applications	Jyothi E.V.N., Rao V.P.C.	Department of Computer Science and Engineering, Sri Jagadishwara Jhaladral Thiruvalla University, India; Department of Computer Science and Engineering, MLRIT, Hyderabad, India	International Journal of Control and Automation	2020-21	20054297	0
48	Word sense disambiguation in telugu language using knowledge-based approach	Kooppula N., Rani B.P., Srinivas Rao K.	Department of CSE, MLR Institute of Technology, Hyderabad, India; Department of CSE, JNTUCEH, Hyderabad, India	Advances in Intelligent Systems and Computing	2020-21	21945357	1
49	Implementation of children activity tracking system based on internet of things	Naga Sivarani M., Ghosh S.K.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, 500043, India	Advances in Intelligent Systems and Computing	2020-21	21945357	0
50	Data Analytics in Steganography	Vijetha T., Ravinder T.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, India	Lecture Notes on Data Engineering and Communications Technologies	2020-21	23674512	0
51	An efficient and lightweight security scheme for big data	Srinsha N., Kiran K.V.D.	Department of Computer Science and Engineering, Koneru Lakshmaiah Education Foundation, Vadlavaram, Andhra Pradesh, India; Department of Computer Science and Engineering, MLR Institute of Technology, Dandigal, Hyderabad, India	International Journal on Emerging Technologies	2020-21	9758364	0
52	A two-phase simulated annealing algorithm to minimise the completion time variance of jobs in Flowshops	Krishnaraj J., Thiagarajan S.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana, 500 043, India; School of Mechanical Engineering, VIT University, Vellore, Tamilnadu, 632 014, India	International Journal of Process Management and Benchmarking	2020-21	14606739	1
53	Assessment of students learning capability adapting activity based learning thru STAD	Brilijeshpappula, Narayanasankaranathan G.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India; Department of Science and Humanities, Sri Krishna College of Engineering and Technology, Coimbatore, India	International Journal of Psychosocial Rehabilitation	2020-21	14757192	0
54	Approaches for Efficient Query Optimization Using Semantic Web Technologies	Mukkanna R., Parma Chandra Rao V.	Research Scholar, Dravidian University, Asst. Professor, NICMAR, Hyderabad, India; Professor, MLRIT, Hyderabad, India	Lecture Notes in Networks and Systems	2020-21	23673370	0
55	A Hybrid Approach for Protecting Mobile Agents Against Malicious Hosts	Kumar K.P., Parma Chandra Rao V.	Research Scholar, Department of Computer Science, Dravidian University, Koppam, Andhra Pradesh, India; CSE, MLR Institute of Technology, Hyderabad, India	Lecture Notes in Networks and Systems	2020-21	23673370	0
56	Patient data hiding into ECG signal using watermarking in transform domain	Saniwagan P.V., Rajesh K.N.V.P.S., Reddy N.V.R., Reddy N.C.S.	MLR Institute of Technology, Hyderabad, Telangana, India; Department of Electronics and Communication Engineering, Gayatri Vidya Parishad College of Engineering, Visakhapatnam, Andhra Pradesh, India	Australasian Physical and Engineering Sciences in Medicine	2020-21	1589938	10



PRINCIPAL

MLR Institute of Technology

Laxman Reddy Avenue, Dandigal

Outhullapur, Hyderabad-43.

TELANGANA, INDIA.

57	Optimizing Vertical Air Gap Location Inside the Wall for Energy Efficient Building Envelope Design Based on Unsteady Heat Transfer Characteristics	Shak S., Nagaraju S., Rizvan S.M., Coaranta K.K.	School of Mechanical Engineering, Vellore Institute of Technology, Vellore, Tamilnadu 632014, India; Mechanical Engineering Department, MLR Institute of Technology, Hyderabad, Telangana 500043, India; Mechanical Engineering Department, SVR Engineering College, Nandyal, Andhra Pradesh 518503, India; Mechanical Engineering Department, National Institute of Technology Karnataka, Surathkal, Mangalore, Karnataka 575025, India	Advances in Intelligent Systems and Computing	2020-21	21945357	1
58	Analysis of Wave Shaping Circuits in Remote Lab	Narasimhanurthy K.C., Sai Kumar E., Likhitha K., Navya Chowdhary N., Shilpa B., Lavani Sowmya N., Saiya A.	Siddaganga Institute of Technology, Tumkur, India; MILMT, Hyderabad, India	Lecture Notes in Networks and Systems	2020-21	23673370	0
59	Extenable Airborne Similarity Data Mining for Categorical Data Streams in Web Usage Framework	Puspalatha N., Sai Sathywanayana Reddy S., Subhash Chandra N.	Mani Lakshman Reddy Institute of Technology and Management, Hyderabad, India; Veethanani College of Engineering, Hyderabad, India; Holy Mary Institute of Technology, Hyderabad, India	Advances in Intelligent Systems and Computing	2020-21	21945357	0
60	Filler Dispersion and Unidirectional Sliding Characteristics of As-Cast and Multi-Pass Friction Stir Processed ZrB <sub>2</sub> /AA7075 In-Situ Composites	Harikishor Kumar	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad 500043, India	Journal of Tribology	2020-21	7424787	2
61	Correction to: Experimental investigation of blunt cone model at hypersonic Mach number 7.25 (Journal of the Brazilian Society of Mechanical Sciences and Engineering, (2021), 43, 4, (Z16), 10.1007/s40430-021-02934-9)	Sajrakshani Mani	Department of Aerospace Engineering, MLR Institute	Journal of Materials Engineering and Performance	2020-21	16785878	0
62	Microstructural, Mechanical and Tribological Characterization of Friction Stir Welded A7075/ZrB <sub>2</sub> In Situ Composites	Harikishor Kumar	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad 500043, India	Journal of Materials Engineering and Performance	2020-21	10599495	1
63	Threshold estimation from software metrics by using evolutionary techniques and its proposed algorithms, models	Padhy N., Panigrahi R., Neeraja K.	MLR Institute of Technology, Hyderabad, India	Evolutionary Intelligence	2020-21	18645909	7
64	Rain water harvesting for smart water management using IoT	Rani K.P., Srida K., Jyothiravitha A., Ashwini M., Manjula L., Rajesh G.	MLR Institute of Technology, Department of Computer Science and Engineering, Hyderabad, India	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICECCS 2021	2020-21	97,81,66,54,12,728,00	0

**PRINCIPAL**

**MLR Institute of Technology**

Laxman Reddy Avenue, Dandigal

Guthbaliapur, Hyderabad-43,

TELANGANA, INDIA.



65	Smart secure student bag pack	Krishnasrija R., Ravi K.P., Kiran P.S., Dharam P., Goud B.S.C., Sushantha V.	MLR Institute of Technology, Department of Computer Science and Engineering, Hyderabad, India	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728.00	0
66	Skin cancer predictor by image processing using big data techniques	Peseti P.S., Sri A.R., Krishna U.M.G., Alekha M., Manikandan G.	MLR Institute of Technology, Department of Computer Science and Engineering, Hyderabad, India	Proceedings - 9th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728.00	0
67	Satellite imagery for deforestation prediction using deep learning	Chitra N.T., Anusha R., Kumar S.H., Chandana D.S., Harika C., Kumar V.U.	MLR Institute of Technology, Department of Computer Science and Engineering, Hyderabad, India; MLR Institute of Technology, Department of Computer Science, Hyderabad, India	Proceedings - 9th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728.00	0
68	Convolution neural network based enhanced computerized technique for brain tumour detection	Chandana B.H., Rao B.H., Rajesh K.	Marri Laxman Reddy Institute of Technology, Department of EEE, Hyderabad, Telangana, India	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728.00	0
69	Design of medical data monitoring system	Rao K.N., Prasad S.V.S., Lavanya E., Soudartha E.	MLR Institute of Technology, Department of Electronics and Communication Engineering, Hyderabad, India	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728.00	0
70	Approximate multiplier design with encoded partial products	Narajun P.B., Vysnawi K.V.S.S.	MLR Institute of Technology, Dept of Electronics and Communication Engineering, Hyderabad, India	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728.00	0
71	Performance analysis of fuzzy and neural controller implementation in permanent magnet synchronous motor	Reddy M.S., Subrahmanyam V.S.R., Prakash C.S., Shankar G.V.S.U.	MLR Institute of Technology, Department of Electrical and Electronics Engineering, Hyderabad, T.S. India; MLR Institute of Technology, Department of Electronics and Communication Engineering, Hyderabad, T.S. India; Aditya Engineering College, Department of Electrical and Electronics Engineering, Serampalem, A.P., India	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728.00	0
72	AI medical diagnosis application	Sethukhina, Sushita M., Goud B.Y., Nikhil M., Reddy G.S.K.	MLR Institute of Technology, Department of Computer Science and Engineering, Hyderabad, India	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728.00	0
73	Effect of Various Parameters on Minimum Mean Square Error and Adaptive Antenna Beamforming using LMS Algorithm	Arjaneyulu P., Rao P.V.D.S., Sudhira D.	MLR Institute of Technology, Eee Dept., Hyderabad, India; Janak, College of Engineering, Eee Dept., Hyderabad, India	2021 6th International Conference for Convergence in Technology, 12CT 2021	2020-21	97,81,72,81,88,768.00	0

PRINCIPAL

74	Experimental investigation of blunt nose model at hypersonic Mach number 7.25	Mani S., Senthilkumar C., Sunil G.K., Rampratap S.P., Shanmugam V., Balu G.	Department of Aerospace Engineering, MLR Institute of Technology, Hyderabad, India; Department of Aerospace Engineering, MIT Campus, Anna University, Chennai, 600044, India; Directorate of Aerodynamics, Defence Research and Development Laboratory, Hyderabad, 500058, India	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2020-21	16785878	0
75	Evaluation of low power consumption network on chip routing architecture	T.S.A., M.B., S.M.U.S., Thinganjan R., G.A.D., Rajeshwari P.R., Kumar A.S., A.S.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, Telangana 500043, India; Department of Computer Science and Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, School of Computing, Kattankulathur, Chengalpattu, Tamil Nadu 603203, India; Department of Computer Science and Engineering, Prathyusha Engineering College, Chennai, Tamil Nadu 602025, India; Department of Computer Science and Engineering, Princeton Institute of Engineering and Technology for Women, Korramla, Hyderabad, Telangana 500088, India; Department of Electronics and Communication Engineering, National Institute of Technology, Warangal, Telangana 506004, India	Microprocessors and Microsystems	2020-21	1419331	5
76	Fully Smart fire detection and prevention in the authorized forests	Karanamchi V.R., Raju S.H., Kavitha S., Lakshmi Lalitha V., Vijaya Krishna S.	MLR Institute of Technology, Dundigal Police Station Road, Dept. of Eee, Hyderabad, Telangana, 500043, India; Koseera Lakshmana Education Foundation, Department of Computer Science and Engineering, Vaddeswaram Gurur, Andhra Pradesh, India	Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICANS 2021	2020-21	97,81,72,81,95,377,00	0
77	A Review on Graph Theory in Network and Artificial Intelligence	Naryaman Kannayyan G., Pappula B., Veerabonnu R.	Department of Mathematics, Deyasanda Sagar College of Engineering, Bangalore, 560068, India; Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, 500043, India; Department of Science and Humanities, Sri Krishna College of Engineering and Technology, Coimbatore, 641008, India	Journal of Physics Conference Series	2020-21	17426588	0
78	Investigation of Slender Bodies at Hypersonic Mach Numbers	Saiprakash M., Senthilkumar C., Kadum sunil G., Rampratap S.P., Shanmugam V., Balu G.	Department of Aerospace Engineering, MLR Institute of Technology, Telangana, India; Department of Aerospace Engineering, MIT Campus, Anna University, Chennai, 600044, India; Directorate of Aerodynamics, Defence Research & Development Laboratory, Hyderabad, 500058, India	Fluid Dynamics	2020-21	154628	0



79	Effect of tool pin eccentricity on microstructural and mechanical properties of friction stir processed copper	Kumar H., Prasad R., Kumar T.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana 500043, India; Department of Mechanical Engineering, Indian Institute of Technology (BHU), Varanasi, 221005, India; Department of Mechanical Engineering, Government College of Engineering and Technology, Jammu, India	Vacuum	2020-21	00942207X	0
80	Security enhancement in video based on gaborface technique for copyright protection	Sreelax B., Symbabu V.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, India	Multimedia Tools and Applications	2020-21	13807501	1
81	Fabrication of aluminum metal matrix composite with carbon nanoparticles via stir casting.	Sowale A., Reddy K.H.V., Poonamhane K., Kamur P.S.D.	Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
82	Modeling and CFD simulation of fin-pin heat exchanger with different nano fluids	Tega F.A.B., Kumar E.S.	Department of Mechanical Engineering, MLR Institute of Technology, Dundigal, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
83	Flow field analysis of radiator in CFD	Kumar A.S., Shrivakele M., Srilekha L., Smiti B.	Aeronautical Department, MLR Institute of Technology, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
84	Heat transfer analysis for two-wheeler engine cooling fins by using CFD	Prasad J.L., Prasad N.E.C., Srinivas B.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
85	A review on the usage of green composite	Arunkumar, Amreen, Yesuhasvi, Phaneendra, Vinod	Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
86	Effect of diphenylamine nano additive with pine oil biodiesel on performance and emission characteristics of CI engine	Kiran C.H.R., Reddy G.C.M., Krishna V.S.R., Hussain S.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India; Department of Mechanical Engineering, VNRVITET, Hyderabad, Telangana, India; Department of Mechanical Engineering, Malla Reddy Engineering College, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
87	Analysis of drill jig for a missile component	Babu V.V.P., Siddiqi M.D.A.	Department of Mechanical Engineering, MLR Institute of Technology, LICC Autonomous, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
88	Design and analysis of numerous long range FPV plane	Shankar K.S., Mourika A., Kavva C.H., Yesuwanth G., Murali C.	Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
89	CFD analysis on various cross sectioned fins to determine the heat transfer rate	Kartick J.S., Ravindra A.	Department of Mechanical Engineering, Mami Laxman Reddy Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	1
90	Modeling and finite element analysis of composite propeller blade for aircraft	Praveen L., Anoop M.S.	Department of Mechanical Engineering, MLR Institute of Technology (UGC Autonomous), Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0

PRINCIPAL

MLR Institute of Technology

Laxman Reddy Avenue, Dundigal

Quthbullapur, Hyderabad-43.

TEL: 8000 0000 101-13



91	Experimental investigation of performance and emission characteristics of diesel engine using pure oil blends	Kiran C.H.R., Venka Ramana C.H., Reddy B.N., Krishna V.S.R.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India; Department of Mechanical Engineering, VNRVJIET, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
92	Design, analysis and fabrication of off-the-cycle: A hybrid indpole vehicle	Reddy M.V., Kumar B.R., Kumar P.P., Vardhan Y.V., Ravindra A.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
93	Design and fabrication of customery class unmanned air vehicle	Mishra N.K., Japally L.K., Sandhya K., Prasad N.S., Babu R.S.	Department of Aeronautical Engineering, MLR Institute of Technology Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
94	Thermal and CFD simulation of steam boiler at different velocities	Sandeep M., Pasha S.L.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
95	Designing, assembling and 3D-printing of a fume extractor device	Praveen L., Swamy K.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
96	Wetting and corrosion studies on SS304 material surfaces	Deepika A.U., Abheendra B., Harish C.V., Surendra N., Megharath G.	Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
97	Analytical investigation of fin tube evaporator with different fin geometries by using FEA technique	Koer A., Pappula B.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
98	Energy efficiency assessment in silulation affected hydroelectric dams	Bhargwaj R.R., Chitrangevi C., Gupta M.S., Seetharaman B.	School of Mechanical Engineering, Vellore Institute of Technology, Vellore, 632014, TN, India; Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad, 5000043, TS, India; Department of Mechanical Engineering, Vardhaman College of Engineering, Shaniashabad, Hyderabad, 501218, TS, India	AIP Conference Proceedings	2020-21	0094243X	0
99	Mechanical characterization on delamination effect of carbon epoxy laminate	Kandimaniathi M., Reddy M.V., Praveen L.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
100	Investigation of elliptical crack geometry in a thin plate	Goud N.L.R., Basidary A., Harish C.H.V., Megharath G.	Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
101	Conceptual design of UAV using modular approach	Kumar A.S., Harsh L.G., Kumar D.K., Rameya B., John T.	Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
102	Design, modelling and fabrication of 4-wheeler electric short commuter	Babu V.V.P., Reddy K.S., Jadhav L.V., Bhavana L., Sridhar G., Reddy M.S.	Department of Mechanical Engineering, MLR INSTITUTE of TECHNOLOGY, Durgam, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
103	Design and implementation of a smart reader for blind and visually impaired people	Paruthi A., Manish G., Sumathi M.S., Vinay A., Karthik R., Jyothi K.	Computer Science and Technology, MLR Institute of Technology, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
104	Experimental investigation of toroidal piston bowl with tangential grooves on CI engine	Reddy A.S., Krishnaraj J.	Department of Mechanical Engineering, MLR Institute of Technology, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0



105	Study the effect process of parameters on friction welding of dissimilar metals AISI 304 steel and AA 2219 aluminium	Rao G.A., Kumar B.R., Kumar G.N., Mahender P., Kumar T.U.	MLR Institute of Technology, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
106	A review on the usage of green composite with other composites	Deepika A.U., Esmail S., Rao B.M., Thivedi V.K.	Aeronautical Department, MLR Institute of Technology, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
107	Paragragh summarization based on word frequency using MLP techniques	Kumar G.K., Rani D.M.	Department of Information Technology, MLR Institute of Technology, Hyderabad, India; Department of Electronics and Communications Engineering, Mami Laxman Reddy Institute of Technology and Management, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	2
108	Fabrication and compression of AA7005/SiC-Al <sub>2</sub> O <sub>3</sub> and other composite materials using different methods	Gajjala M.S., Akhila G., Redhana V., Laxmi P.H., Jawahar J.	Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
109	Fluid flow analysis of boiler feed pump by varying number of blades using CFD technique	Reddy G.C.M., Ullah M.R.	Department of Mechanical Engineering, MLR Institute of Technology, IGC Autonomous, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
110	Thermal analysis of shell and tube heat exchangers for improving heat transfer rate using nanofluid mixtures	Reddy M.M., Reddymanjupati@gmail.com, Praveen L., Srinivas A.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
111	Smart garbage segregation for the smart city management systems	Anuramth T.S., Baskar M., Sree R.D., Tqia P.S., Kumar T.S.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, Telangana, 43, India; Department of Computer Science and Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai; Tamilnadu, 603203, India	AIP Conference Proceedings	2020-21	0094243X	0
112	Transient thermal and CFD analysis of catalytic converter for emission reduction	Kishore N.P., Kumar R.V.	Associate Professor, Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
113	A review on design and optimization of forced air-cooled cold plate for avionics application	Velamuri K., Teja S.H.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
114	Experimental investigation on 4 stroke petrol engine using modified piston	Kumar P.K., Prasad N.E.C., Ajay C.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
115	Optimization Analysis of Cooperative Spectrum Sensing System over Generalized $\alpha$ - $\mu$ and $\nu$ - $\mu$ - $\sigma$ Fading Channels	Balsan S.K., Siddiqui P., Nallagona S.	Department of Electronics and Communication Engineering, University College of Engineering & Technology, Acharya Nagarjuna University, Guntur, A.P, India; Department of Electronics and Communication Engineering, Mami Laxman Reddy Institute of Technology and Management, Dandigal, Hyderabad, T.S, India	Wireless Personal Communications	2020-21	9296212	0

PRINCIPAL

9296212

116	Role of Artificial Intelligence in Logistics and Supply Chain	Niranjan K., Narayana K.S., Rao M.V.A.L.N.	Muri Laxman Reddy Institute of Technology and Management, Mbu Department, Hyderabad, India; Mlr Institute of Technology, Mbu Department, Dundigai, Hyderabad, India; KI Business School, Mbu Department, Vaddeswaram, Taur, India	2021 International Conference on Computer Communication and Informatics, ICCCI 2021	2020-21	97,81,72,81,58,754.00	0
117	DIGOS Attack Identification using Machine Learning Techniques	Peneti S., Hemalatha	Mlr Institute of Technology, Department of Computer Science and Engineering, Hyderabad, India; Jawaharal Nehru Technological University, Department of Computer Science and Engineering, Hyderabad, India	2021 International Conference on Computer Communication and Informatics, ICCCI 2021	2020-21	97,81,72,81,58,754.00	2
118	A comparative review of performance and emission characteristics of diesel engine using eucalyptus-biodiesel blend	Ellaraju S., Rajendran S.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India; Department of Mechanical Engineering, J.K.K. Naraja College of Engineering and Technology, Kumarapalayam, India	Fuel	2020-21	162361	7
119	Structural analysis of air powered car	Pappala B., Kamayam G.N., Siva Naga Sai G.N., Uthaha P., Varigala R., Nalendra J.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India; Department of Mathematics, Dayanand Sagar College of Engineering, Bengaluru, India	CEUR Workshop Proceedings	2020-21	16130073	0
120	Experimental research of hybrid fibers based Geo-polymer concrete	Krishna T.J., Nanditha M., Lavanya B., Goud J.N.	Civil Department, Muri Laxman Reddy Institute of Technology and Management, Hyderabad, Dundigai, Telangana, India	Materials Today: Proceedings	2020-21	22147853	0
121	Experimental evaluation of Impact energy on corkbeek material (non-Newtonian fluid)	Krishna V.S.R., Hussain S., Kiran C.H.R., Kumar K.V.	Mechanical Engineering Department, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, Telangana, 500090, India; Mechanical Engineering Department, Malra Reddy Engineering College, Hyderabad, Telangana, 500090, India; Mechanical Engineering Department, MLR Institute of Technology, Hyderabad, Telangana, 500090, India; Mechanical Engineering Department, Jawaharal Nehru Technological University, Hyderabad, Telangana, 500072, India	Materials Today: Proceedings	2020-21	22147853	0
122	Modified Transaction Against Double-Spending Attack Using Blockchain to Secure Smart Cities	Ramkumar J., Baskar M., Suresh A., Anubharath T. S., Amartha B.	Department of Computer Science and Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai, Tamilnadu, India; Professor, Department of Electronics and Communication and Engineering, MLR Institute of Technology, Hyderabad, Telangana, India	Advanced Sciences and Technologies for Security Applications	2020-21	16135113	0

PRINCIPAL

MLR Institute of Technology

Laxman Reddy Avenue, Dundigai  
Outhbullapur, Hyderabad-43,  
TELANGANA, INDIA.



123	On Numerical Modeling and Flow Analysis of Piston Bowl Geometry of a Compression Ignition Engine	Pappula B., Kamayyan G.N., Tamba S.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, 500043, India; Department of Science and Humanities, Sri Krishna College of Engineering and Technology, Coimbatore, 641008, India; Department of Mechanical Engineering, QIS College of Engineering and Technology, Ongole, 521272, India	Lecture Notes in Mechanical Engineering	2020-21	21954356	0
124	BDN-GWMMN: Internet of Things (IoT) Enabled Secure Smart City Applications	Pereni S., Sunil Kumar M., Kaliam S., Patan R., Bhaskar V., Ramachandran M.	Department of CSE, MLR Institute of Technology, Hyderabad, Telangana, India; Department of CSE, Sri Vidya Lakshmi Engineering College (Autonomous), Tirupati, Andhra Pradesh 517102, India; Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh 520007, India; Department of Electrical and Computer Engineering, San Francisco State University, San Francisco, CA 94132, United States; School of Computing, SASTRA Deemed University, Thanjavur, India	Wireless Personal Communications	2020-21	9296212	0
125	A WAVELET BASED COPYRIGHT MARKING ON IMAGE UNDER SUB-BANDS STACKING TECHNIQUE	SRIDHAR B.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, 500043, India	Latin American Applied Research	2020-21	3270793	0
126	Low rate DDoS mitigation using real-time multi threshold traffic monitoring system	Bhaskar M., Ramkumar J., Karthikeyan C., Anithan V., Balaji A., Arulazhagan T.S.	Department of Computer Science and Engineering, School of Computing, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, Chengalpattu, Tamilnadu 603 203, India; Department of Computer Science and Engineering, Kooera Lakshmaiah Education Foundation, Deemed To Be University, Vadde-swaram, Guntur, Andhra Pradesh, India; Department of Computer Science and Engineering, KCG College of Technology, Karapakkam, Chennai, 600 097, India; Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, Telangana 500 043, India	Journal of Ambient Intelligence and Humanized Computing	2020-21	18685137	15
127	Multi-Face Recognition Using CNN for Attendance System	Saravangam P.V.	Department of Computer Science and Engineering, MLR Institute of Technology, Hyderabad, Telangana, India	Lecture Notes in Networks and Systems	2020-21	23673370	0

PRINCIPAL

MLR Institute of Technology

Laxman Reddy Avenue, Dundigal

Outbulapur, Hyderabad-43

TELANGANA, INDIA

3.4.5 Bibliometrics of the publications during the last five years based on average Citation index in Scopus/ Web of Science/ PubMed

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN	cited by
1	Effect of Higher Transition Foundation on Dynamic Stability Boundaries of Simply Supported Beams	Sukbaraman B., Jalagam R.R., Jena S.P., Gupta M.S.	Department of Mechanical Engineering, Vardhaman College of Engineering, Hyderabad Shashabadi, Telangana, 501 218, India; Aes Services Llp, Telangana, Hyderabad, India; Department of Mechanical Engineering, Vardhaman College of Engineering, Shashabadi, Telangana, Hyderabad, 501 218, India; Department of Aeronautical Engineering, Mlr Institute of Technology, Telangana, Hyderabad, India	IOP Conference Series: Materials Science and Engineering	2020-21	17578981	0
2	Effect of multi-groove reinforcement strategy on Cu/SiC surface composite fabricated by friction stir processing	Kumar H., Prasad R., Kumar P.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India; Department of Mechanical Engineering, Indian Institute of Technology (IIT), Varanasi, India	Materials Chemistry and Physics	2020-21	2540584	3
3	Design and development of portable spirometer with an embedded web server	Kaduri A., Vayyura A., Venkata Surya Prasad S.	MLR Institute of Technology, Telangana, Dundigal, Hyderabad, 500043, India	AIP Conference Proceedings	2020-21	0094243X	0
4	Cryogenic heat treatment process for D2 steel & M2 steel	Prabhu Kishore N., Shaik T., Himangireesh Ch., Durga Prasad K.G., Aladkya N.	Department of Mechanical Engineering, MLR Institute of Technology, Dundigal, Telangana, India; Department of Mechanical Engineering, G.V.P School of Engineering, Vishakhapatnam, 530045, India; Department of Aeronautical Engineering, MLR Institute of Technology, Dundigal, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
5	Smart green farming management system using IoT	Vinod M., Rajendra K., Venkata Surya Prasad S.	MLR Institute of Technology, Telangana, Dundigal, Hyderabad, 500043, India	AIP Conference Proceedings	2020-21	0094243X	0
6	Soldier tracking and health monitoring system	Pallamraji B., Naresh Kumar D., Prasad S.V.S.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, Telangana, 500 043, India	AIP Conference Proceedings	2020-21	0094243X	0
7	Surface functionalized porous nanomaterials for thermostics	Amgoth C., Phan C., Yammam S., Singh A., Tang Q.	Department of Sciences and Humanities, MLR Institute of Technology, Hyderabad, TS, 500043, India; Department of Chemistry, Zhejiang University, Hangzhou, 310028, China	AIP Conference Proceedings	2020-21	0094243X	0
8	Design and development of object detection and separation mechanism using raspberry Pi	Parathuru V., Shrawan Kumar G., Venkata Surya Prasad S.	MLR Institute of Technology, Dundigal, Hyderabad, Telangana, 500043, India	AIP Conference Proceedings	2020-21	0094243X	0
9	Vegetable assisted synthesis of gold nanostructures and its nonlinear optical properties	Emusani R., Jyothi L., Narayana Rao D.	Department of Science and Humanities, MLR Institute of Technology, Dundigal, Hyderabad, Telangana, 500043, India; School of Physics, University of Hyderabad, Gachibowli, Hyderabad, Telangana, 500046, India	AIP Conference Proceedings	2020-21	0094243X	0

PRINCIPAL





10	IoT and GPS based woman safety system using ARM7 controller	Sharmaya V., Prasad S.V.S.	Department of ECE, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
11	Free convection in a vertical slit micro-channel with super-hydrophobic slip and temperature jump conditions	Ramamurthy M., Krishna G.G., Sree H.K., Radhika V.N.	Department of Mathematics, Mari Laxman Reddy Institute of Technology & Management, Dundigal, Hyderabad, 500043, India; Department of Mathematics, GITAM Institute of Technology and Management, Bangalore, Karnataka, 561203, India; Department of H & S, Mari Laxman Reddy Institute of Technology, Dundigal, Hyderabad, 500043, India	International Journal of Heat and Technology	2020-21	3928764	0
12	Automatic prediction of silent heart attacks using neural networks based hybrid classification system	Madhurarani B., Godipati S.S., Sowjanya P.	Department of Computer Science and Engineering, MLR Institute of Technology, Dundigal, Hyderabad, Telangana, India; Department of Computer Science and Engineering, School of Technology, GITAM (DEEMED TO BE UNIVERSITY), Hyderabad, Telangana, India	International Journal of Advanced Trends in Computer Science and Engineering	2020-21	22783091	0
13	Solvent-Assisted [(Glycine)-MIP-SiO <sub>2</sub> (NPs)] Aggregate for Drug Loading and Cancer Therapy	Angogh C., Santhosh R., Malvarath T., Singh A., Murali B., Tang G.	Department of Chemistry, Zhejiang University, Hangzhou, 310028, China; School of Chemistry, University of Hyderabad, Hyderabad, 500046, India; Department of Biochemistry and Molecular Biology, Tel Aviv University, Israel; Department of Humanities and Sciences, MLR Institute of Technology, Hyderabad, 500043, India	Chemistry Select	2020-21	23656549	0
14	One-Pot, Rapid and Facile Synthesis of Thioglycolic Acid capped CdSe quantum dots: Tuning of Properties, Mechanistic Investigations by Cyclic Voltammetry and Cytotoxicity Studies	Singh A., Yunnann S., Kumarwar A., Tripathi V.S., Neogy S., Rath M.C.	Department of Science & Humanities, MLR Institute of Technology, Dundigal, Hyderabad, 500043, India; Radiation and Photochemistry Division, Bhabha Atomic Research Centre, Mumbai, 400085, India; Materials Science Division, Bhabha Atomic Research Centre, Mumbai, 400085, India	Chemistry Select	2020-21	23656549	1
15	Human Position Tracking and Detection Using Geometric Active Contours	Anubharath T.S., Manjula B., Baskar M.	MLR Institute of Technology, Department of Electronics and Communication Engineering, Hyderabad, Telangana 43, India; Embedded Systems, MLR Institute of Technology, Hyderabad, Telangana, 43, India; SRM Institute of Science and Technology, Department of Computer Science and Engineering, Chennai, India	Proceedings of the 2nd International Conference on Innovative Research in Computing Applications, ICIRCA 2020	2020-21	97,81,72,81,53,742,00	0
16	Support vector machine based intelligent driver drowsiness monitoring system	Gandhuvathi K., Reddibetha V.R., Bhadrnagar R.	Department of IT, MLR Institute of Technology, Hyderabad, India; Department of IT, MLR Institute of Technology, Hyderabad, India; Department of CSE, SCIT, Manipal University Jaipur, Jaipur, India	International Journal of Advanced Trends in Computer Science and Engineering	2020-21	22783091	

PRINCIPAL

MLR Institute of Technology

Laxman Reddy Avenue, Dundigal  
Quthbullapur, Hyderabad-43,  
TELANGANA, INDIA.

17	Retraction notice to hMfC combined effect of composite additive and combustion chamber modification to adapt waste plastic oil as fuel on a diesel engine <sup>do</sup> .	Brijesh P., Peryasamy P., Geetha N.K.	Department of Mechanical Engineering, St. Peter's Institute of Higher Education and Research, Chennai, 60 0 054, India; Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, 50 0 043, India; Department of Science and Humanities, Sri Krishna College of Engineering and Technology, Coimbatore, 641008, India	Journal of the Taiwan Institute of Chemical Engineers	2020-21	18761070	0
18	Study on ultrasound velocities and elastic properties of sodium diboro-vanadate glasses	Hanumantharee N., Reddy S., Narayana Reddy C.	RanRD Center, Bharathiar University, Coimbatore, 641046, India; Department of Science and Humanities, MLR Institute of Technology, Hyderabad, 500043, India; Department of Physics, School of Engineering, Presidency University, Bangalore, 560064, India; Department of Physics, PES University, Bangalore, 560085, India	Journal of Physics Conference Series	2020-21	17426588	0
19	Retraction notice to Combined Effect of Composite Additive and Combustion Chamber Modification to Adapt Waste Plastic Oil as Fuel on a Diesel Engine	Brijesh P., Peryasamy P., Geetha N.K.	Department of Mechanical Engineering, St. Peter's Institute of Higher Education and Research, Chennai, 60 0 054, India; Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, 50 0 043, India; Department of Science and Humanities, Sri Krishna College of Engineering and Technology, Coimbatore, 641008, India	Journal of the Taiwan Institute of Chemical Engineers	2020-21	18761070	0
20	Electronic tuning square-wave generators with improved linearity using operational transresistance amplifier	Shaker P.C., Srinivasulu A.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, 500043, India; Department of Electronics and Communication Engineering, JECRC University, Jaipur, 303905, India	Journal of Low Power Electronics and Applications	2020-21	20799268	0
21	Detection of Atrial Fibrillation from Single Lead ECG Signal Using Multiscale Cosine Filter Bank and Deep Neural Network	Ghosh S.K., Tripathy R.K., Patenrina M.R.A., Arrieta J.J., Zamora-Mendez A., Naik G.R.	MLR Institute of Technology, Hyderabad, India; Birla Institute of Technology and Science Pilani, Hyderabad, India; National Autonomous University of Mexico (UNAM), Mexico City, Mex. 04510, Mexico; Sanatorio G' Suarez, Buenos Aires, 01388, Argentina; Michoacan University of Saint Nicholas of Hidalgo (UMSNH), Mich. Morelia, 58030, Mexico; Biomedical Engineering and Neuroanaphic Systems (BENS) Research Group, MARCS Institute, Western Sydney University, Penrith, NSW, Australia	Journal of Medical Systems	2020-21	1485598	11
22	Improvement of heat transfer through fin: A brief review of Eminent developments	Maji A., Choubey G.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India; Department of Mechanical Engineering, Institute of Infrastructure Technology Research and Management (IITRAM), Ahmedabad, Gujarat, India	Heat Transfer	2020-21	26884534	0

PRINCIPAL

MLR Institute of Technology

Laxman Reddy Avenue, Durrudoi  
Guthbulpur, Hyderabad-43,  
TELANGANA, INDIA.



23	Advanced and Effective Classification of Parkinson's Disease Using Enhanced Neural Networks	Kumar K.K., Babu P.V., Gopi S.C., Arifa Z.	Vignam's Foundation for Science Technology and Research University, CSE Department, Valluruthi, Andhra Pradesh, India; MLRTI, CSE Department, Hyderabad, Telangana, India	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2020	2020-21	97,81,72,81,48,762.00	1
24	Enhanced Computerized Brain Tumor Detection with the Features Extracted from SIFT	Pranfa N.R., Jakka P., Arifa Z.	MLR Institute of Technology, Department of Information Technology, Hyderabad, India; SBCE, Department of CSE, Khimma, Telangana, India	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2020	2020-21	97,81,72,81,48,762.00	0
25	Novel synthesis and study of nonlinear absorption and surface-enhanced Raman scattering of carbon nanotubes decorated with silver nanoparticles	Saad N.A., Ramya E., Sakthar V., Narasimethy S.R.G., Narayana Rao D.	School of Physics, University of Hyderabad, Hyderabad, 500046, India; D of Science and Humanities, MLR Institute of Technology, Hyderabad, Telangana 500043, India; Institute of Science, GITAM, Visakhapatnam, 530045, India	Chemical Physics	2020-21	3010104	1
26	Results on quotient Bf-algebras via interval valued fuzzy dual ideals	Ramesh D., Kumar M.S., Semanarajana N., Devanulam D., Satyanarayana B.	Department of Mathematics, Koneru Lakshmaiah Education Foundation, Guntur, A.P 522502, India; MLR Institute of Technology, Dundigal, Hyderabad, Telangana, India; Department of Mathematics, DAR College, Krishna (D.A. Nurvid, A.P, India; Department of Mathematics, Acharya Nagarjuna University, Guntur, A.P 522510, India	International Journal of Advanced Science and Technology	2020-21	20054238	3
27	Performance analysis of Inductive feature subset selection algorithm for effective intrusion detection	Chandra Sekhar Reddy N., Vemuri P.C.R., Govardhan A.	Computer Science and Engineering, MLR Institute of Technology, JNTU, Hyderabad, India	International Journal of Advanced Science and Technology	2020-21	20054238	2
28	Use of big data to measure alertiveness of the student	Sowmya G., Sirisha N., Jyothi G.D.	Department of Computer Science and Engineering, MLR Institute of Technology, Hyderabad, India	International Journal of Advanced Trends in Computer Science and Engineering	2020-21	22783091	0
29	Mitigating voltage sag in secondary distribution line using DVR with single DC source	Sriwardhan Kumar C., Ramu T.B., Sreenivasa Reddy M.	Department of Electrical and Electronics Engineering, MLR Institute of Technology, Dandigal Telangana 500043, India	International Journal of Scientific and Technology Research	2020-21	22778616	0
30	A survey on fake news detection in social media using deep neural networks	Akshya L., Lakshmi L., Susenitha G., Hemant S.	MLR Institute of Technology, Hyderabad, India; BVVIT Hyderabad College of Engineering for Women, Hyderabad, India	International Journal of Scientific and Technology Research	2020-21	22778616	2

PRINCIPAL

MLR Institute of Technology

Laxman Reddy Avenue, Dundigal,  
Gouthullapur, Hyderabad-43,  
TELANGANA, INDIA.

31	OPTIMUM FORCE SYSTEM for EN-MASSE RETRACTION of SIX MAXILLARY ANTERIOR TEETH in LABIAL ORTHODONTICS	Thota A.M., Uddharwadhkar R.V., Sharma K., Shivashiva S., Reddy V.	School of Mechanical Engineering, MIT World Peace University, Pune, Maharashtra, India; Department of Mechanical Engineering, Visvesvaraya National Institute of Technology, Nagpur, Maharashtra, India; Private Practice, Toothart Clinic, Nagpur, Maharashtra, India; Department of Orthodontics, Sharda Power Dental College, Wardha, Maharashtra, India; Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India	Journal of Mechanics in Medicine and Biology	2020-21	2195194	3
32	Combinatorial rough neurosophic multi attribute decision making approach for selection of waste plastic oil - Diesel blends	Geetha N.K., Bridgish P.	Department of Science and Humanities, Sri Krishna College of Engineering and Technology, Coimbatore, India; Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	Materials Today: Proceedings	2020-21	22147853	1
33	Transforming engineering education in India in terms of quality standards	Sreevani V., Kalyani J., Lakshmi Prasanna V.	MLR Institute of Technology, Dundigal, Hyderabad, India	Journal of Engineering Education Transformations	2020-21	23492473	0
34	Innovation and designing as per industry need a survey on evaluation criteria of curriculum	Surya Narayana K., Narasimha Rao M.V.	MLRIT, India	Journal of Engineering Education Transformations	2020-21	23492473	1
35	PCA Based Dimensional Data Reduction and Segmentation for DICOM Images	Ambanathi T.S., Balaji L., Basakar M., Anbeswar V., Rao K.S.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, Telangana 500 043, India; Department of Electrodes and Communication Engineering, Veda Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, Tamilnadu 600 062, India; Department of Computer Science and Engineering, School of Computing, SRM Institute of Science and Technology, Kattankulathur, Kanchipuram, Chennai, Tamilnadu 603 203, India; Department of Computer Science and Engineering, MLR Institute of Technology, Hyderabad, Telangana 500 043, India	Neural Processing Letters	2020-21	13704621	16
36	Hamronic minimisation in direct torque controlled induction motor using neural network controller	Amburapu S., Vijaya Kumar M.	EEE Department, Muri Laxman Reddy Institute of Technology, Hyderabad, Telangana, India; Electrical Engineering Department, JNTUA, Anantapuram, Andhra Pradesh, India	International Journal of Energy Technology and Policy	2020-21	14728923	0
37	A Comparative Study on LSB Replacement Steganography	Sailaja C., Barchu S.	Gururam Institutions Technical Campus, Hyderabad, India; MLRIT, Hyderabad, India	Lecture Notes in Networks and Systems	2020-21	23673370	0

PRINCIPAL

**MLR Institute of Technology**  
Laxman Reddy Avenue, Dundigal  
Outhullapur, Hyderabad-43,  
TELANGANA, INDIA.



38	Blended learning: Exploring new models for effective teaching and learning	Radhika Devi V., Lavrinmath N., Lavanya Y.	Department of Science and Humanities, MLR Institute of Technology, An Autonomous Institution, Affiliated to JNTUH, Hyderabad, T.S., India	Journal of Engineering Education Transformations	2020-21	23492473	0
39	Embracing disruption in engineering education	Ram Mohan Rao P., Kiran Kumar G., Radhika Devi V., Ramu Chandra Reddy A.	Spoorthy Engineering College, Hyderabad, 501510, India; MLR Institute of Technology, Hyderabad, 500043, India	Procedia Computer Science	2020-21	18770509	1
40	Development of themes and sub-themes using text-extraction	Poorvija M.S., Navreen Kumar N.S., Varanasi M., Bhargavi M.M., Boorugu R., Babu S.	Amrita Vishwa Vidyapeetham, Bangalore, Karnataka, 560035, India; M.L.R. Institute of Technology, Hyderabad, Telangana, 500043, India; Lovely Professional University, Phagwara, Punjab, 144411, India; Amrita Vishwa Vidyapeetham, Bangalore, Karnataka, 560035, India	Proceedings of the International Conference on Industrial Engineering and Operations Management	2020-21	21698767	0
41	Evaluation for tools and techniques for text-extraction	Navreen Kumar N.S., Poorvija M.S., Varanasi M., Bhargavi M.M., Boorugu R., Babu S.	Amrita Vishwa Vidyapeetham, Bangalore, Karnataka, 560035, India; M.L.R. Institute of Technology, Hyderabad, Telangana, 500043, India; Lovely Professional University, Phagwara, Punjab, 144411, India; Amrita Vishwa Vidyapeetham, Bangalore, Karnataka, 560035, India	Proceedings of the International Conference on Industrial Engineering and Operations Management	2020-21	21698767	0
42	Effective course and curriculum design of MLR institute of technology an autonomous institution add a case study	Avulnath T.S., Ellappan S., Naga Raju J.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, Telangana 43, India; Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana 43, India	Journal of Engineering Education Transformations	2020-21	23492473	0
43	Advancement of solar selective DLC coating using capvd for solar thermal applications	Sandeep A., Archana K., Ellappan S., Malleshani D.	MLR Institute of Technology, Hyderabad, 500043, India	Journal of Thermal Engineering	2020-21	21487847	1
44	Bidirectional based cuk converter using model predictive controller for low power applications	Ramu T.B., Kumar C.S., Rao A.S.	Department Of Electrical And Electronics Engineering, MLR Institute of Technology, Dundigal, Telangana 500043, India	International Journal of Advanced Trends in Computer Science and Engineering	2020-21	22783091	0
45	Addition of diethyl ether on the LHR engine characteristics using biodiesel-ethanol blends	Ellappan S., Rajendran S.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India; Department of Mechanical Engineering, J.K.K. Nertreja College of Engineering and Technology, Nannakal, TamilNadu, India	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2020-21	15567036	0
46	A novel scheme for security of unstructured and semi-structured big data outsourced to cloud	Reddy P.A., Reddy P.B., Ramesh O.	Department of Information Technology, MLR Institute of Technology, Telangana, India; Department of Electrical and Electronics Engineering, Holy Mary Institute of Technology & Science, Telangana, India; Department of Computer Science and Engineering, MLR Institute of Technology, Telangana, India	International Journal on Emerging Technologies	2020-21	9758364	0

PRINCIPAL

MLR Institute of Technology

Laxman Reddy Avenue, Dundigal  
Outhullapur, Hyderabad-43,  
INDIA

47	Advanced strategy of personal health record for cloud computing applications	Jyothi E.V.N., Rao V.P.C.	Department of Computer Science and Engineering, Sri Jagadishprasad Jhalajurnal Thiruvethala University, India; Department of Computer Science and Engineering, MLRIT, Hyderabad, India	International Journal of Control and Automation	2020-21	20054297	0
48	Word sense disambiguation in telugu language using knowledge-based approach	Koppala N., Rani B.P., Srinivas Rao K.	Department of CSE, MLR Institute of Technology, Hyderabad, India; Department of CSE, JNTUCEH, Hyderabad, India	Advances in Intelligent Systems and Computing	2020-21	21945357	1
49	Implementation of children activity tracking system based on internet of things	Niraja Srivani M., Ghosh S.K.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, 500043, India	Advances in Intelligent Systems and Computing	2020-21	21945357	0
50	Data Analytics in Steganography	Vijetha T., Ravinder T.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, India	Lecture Notes on Data Engineering and Communications Technologies	2020-21	23674512	0
51	An efficient and lightweight security scheme for big data	Srinsha N., Kiran K.V.D.	Department of Computer Science and Engineering, Konda Lakshmaiah Education Foundation, Vaddeswaram, Andhra Pradesh, India; Department of Computer Science and Engineering, MLR Institute of Technology, Dandigal, Hyderabad, India	International Journal on Emerging Technologies	2020-21	9758364	0
52	A two-phase simulated annealing algorithm to minimize the completion time variance of jobs in flowshops	Krishnaraj J., Thiagarajan S.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana, 500 043, India; School of Mechanical Engineering, VIT University, Vellore, Tamilnada, 632 014, India	International Journal of Process Management and Benchmarking	2020-21	14606739	1
53	Assessment of students learning capability adapting activity based learning 800 STAD	Brijeshpappala, Narayanankannayyan G.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India; Department of Science and Humanities, Sri Krishna College of Engineering and Technology, Coimbatore, India	International Journal of Psychosocial Rehabilitation	2020-21	14757192	0
54	Approaches for Efficient Query Optimization Using Semantic Web Technologies	Mukkamalla R., Purma Chandra Rao V.	Research Scholar, Dravidian University, Asst. Professor, NICMAR, Hyderabad, India; Professor, MLRIT, Hyderabad, India	Lecture Notes in Networks and Systems	2020-21	23673370	0
55	A Hybrid Approach for Protecting Mobile Agents Against Malicious Hosts	Kumar K.P., Purma Chandra Rao V.	Research Scholar, Department of Computer Science, Dravidian University, Koppam, Andhra Pradesh, India; CSE, MLR Institute of Technology, Hyderabad, India	Lecture Notes in Networks and Systems	2020-21	23673370	0
56	Patient data hiding into ECG signal using watermarking in transform domain	Saivimpe P.V., Rajesh K.N.V.P.S., Reddy N.V.R., Reddy N.C.S.	MLR Institute of Technology, Hyderabad, Telangana, India; Department of Electronics and Communication Engineering, Gayatri Vidya Parishad College of Engineering, Visakhapatnam, Andhra Pradesh, India	Australasian Physical and Engineering Sciences in Medicine	2020-21	1589938	10



PRINCIPAL

MLR Institute of Technology

Laxman Reddy Avenue, Dandigal

Quthbullapuri, Hyderabad-43.

TELANGANA, INDIA.



57	Optimizing Vertical Air Cap Location Inside the Wall for Energy Efficient Building Enclosure Design Based on Unsteady Heat Transfer Characteristics	Shank S., Nagaraju S., Rizwan S.M., Goruntla K.K.	School of Mechanical Engineering, Vellore Institute of Technology, Vellore, Tamilnadu 632014, India; Mechanical Engineering Department, MLR Institute of Technology, Hyderabad, Telangana 500043, India; Mechanical Engineering Department, SVR Engineering College, Nandyal, Andhra Pradesh 518503, India; Mechanical Engineering Department, National Institute of Technology Karnataka, Surathkal, Mangalore, Karnataka 575025, India	Advances in Intelligent Systems and Computing	2020-21	21945357	1
58	Analysis of Wave Shaping Circuits in Remote Lab	Narasimhanurthy K.C., Sai Kumar E., Likhitha K., Navya Chowdary N., Shilpa B., Lavoni Somayya N., Shiva A.	Siddaganga Institute of Technology, Tumkur, India; MLRIT, Hyderabad, India	Lecture Notes in Networks and Systems	2020-21	23673370	0
59	Extensible Attribute Similarity Data Mining for Categorical Data Streams in Web Usage Framework	Pudhupathu N., Sai Savyanarayana Reddy S., Subhash Chandra N.	Merri Lakshman Reddy Institute of Technology and Management, Hyderabad, India; Vardhaman College of Engineering, Hyderabad, India; Holy Mary Institute of Technology, Hyderabad, India	Advances in Intelligent Systems and Computing	2020-21	21945357	0
60	Filler Dispersion and Undirectional Sliding Characteristics of As-Cast and Multi-Pass Friction Stir Processed ZrB2/AA7075 In-Situ Composites	Harikrishna Kumar	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad 500043, India	Journal of Tribology	2020-21	7424787	2
61	Correction to: Experimental investigation of blunt cone model at hypersonic Mach number 7.25 (Journal of the Brazilian Society of Mechanical Sciences and Engineering, (2021), 43, 4, (216), 10.1007/s40430-021-02934-5)	Saiprakash Mani	Department of Aerospace Engineering, MLR Institute	Journal of Materials Engineering and Performance	2020-21	16785878	0
62	Microstructural, Mechanical and Tribological Characterization of Friction Stir Welded A7075/ZrB2 In Situ Composites	Harikrishna Kumar	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad 500043, India	Journal of Materials Engineering and Performance	2020-21	10599495	1
63	Threshold estimation from software metrics by using evolutionary techniques and its proposed algorithms, models	Padhy N., Panigrahi R., Neeraja K.	MLR Institute of Technology, Hyderabad, India	Evolutionary Intelligence	2020-21	18645909	7
64	Rain water harvesting for smart water management using IoT	Rani K.P., Sofia K., Jayashivitha A., Ashwari M., Manjuba L., Rajesh G.	MLR Institute of Technology, Department of Computer Science and Engineering, Hyderabad, India	Proceedings - 54th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728,00	0

PRINCIPAL

MLR Institute of Technology

Laxman Reddy Avenue, Dandigal  
Outhullapur, Hyderabad-43,  
TELANGANA, INDIA.

65	Smart secure student bag pack	Krishnasrija R., Rani K.P., Kiran P.S., Dharami P., Goud B.S.C., Susanthika V.	MLR Institute of Technology, Department of Computer Science and Engineering, Hyderabad, India	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728.00	0
66	Skin cancer predictor by image processing using big data techniques	Peneti P.S., Sri A.R., Krishna U.M.G., Akshya M., Manikambhara G.	MLR Institute of Technology, Department of Computer Science and Engineering, Hyderabad, India	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728.00	0
67	Satellite imagery for deforestation prediction using deep learning	Chitra N.T., Anusha R., Kumar S.H., Chandana D.S., Harika C., Kumar V.U.	MLR Institute of Technology, Department of Computer Science and Engineering, Hyderabad, India; MLR Institute of Technology, Department of Computer Science, Hyderabad, India	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728.00	0
68	Convolution neural network based enhanced computerized technique for brain tumour detection	Chandana B.H., Rao B.H., Rajesh K.	Marri Laxman Reddy Institute of Technology, Department of EEE, Hyderabad, Telangana, India	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728.00	0
69	Design of medical data monitoring system	Rao K.N., Prasad S.V.S., Lavanya E., Socharitha E.	MLR Institute of Technology, Department of Electronics and Communication Engineering, Hyderabad, India	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728.00	0
70	Approximate multiplier design with encoded partial products	Narajan P.B., Vyskavati K.V.S.S.	MLR Institute of Technology, Dept of Electronics and Communication Engineering, Hyderabad, India	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728.00	0
71	Performance analysis of fuzzy and neural controller implementation in permanent magnet synchronous motor	Reddy M.S., Subrahmanyam V.S.R., Prakash C.S., Shankar G.V.S.U.	MLR Institute of Technology, Department of Electrical and Electronics Engineering, Hyderabad, T.S. India; MLR Institute of Technology, Department of Electronics and Communication Engineering, Hyderabad, T.S. India; Aditya Engineering College, Department of Electrical and Electronics Engineering Surampalem, A.P, India	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728.00	0
72	AI medical diagnosis application	Subashini, Susama M., Goud B.Y., Nikhil M., Reddy G.S.K.	MLR Institute of Technology, Department of Computer Science and Engineering, Hyderabad, India	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	2020-21	97,81,66,54,12,728.00	0
73	Effect of Various Parameters on Minimum Mean Square Error and Adaptive Antenna Beamforming using LMS Algorithm	Arjanyulu P., Rao P.V.D.S., Sumedh D.	MLR Institute of Technology, Ece Dept., Hyderabad, India; Jaiiah, College of Engineering, Ece Dept., Hyderabad, India	2021 6th International Conference for Convergence in Technology, ICT 2021	2020-21	97,81,72,81,88,768.00	0

PRINCIPAL

MLR Institute of Technology

Laxman Reddy Avenue, Dundigal

Guthubullapur, Hyderabad-43

TELANGANA, INDIA



74	Experimental investigation of blunt cone model at hypersonic Mach number 7.25	Mani S., Senthilkumar C., Sunil G.K., Rampratap S.P., Shanmugam V., Balu G.	Department of Aerospace Engineering, MLR Institute of Technology, Hyderabad, India; Department of Aerospace Engineering, MIT Campus, Anna University, Chennai, 600094, India; Directorate of Aerodynamics, Defence Research and Development Laboratory, Hyderabad, 500058, India	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2020-21	16785878	0
75	Evaluation of low power consumption network on chip routing architecture	T S A., M.B., S.M.U.S., Thiagarajan R., G.A.D., Rajeshwari P.R., Kumar A.S., A.S.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, Telangana 500043, India; Department of Computer Science and Engineering, College of Science and Technology, SRM Institute of Science and Technology, School of Computing, Kattankulathur, Chengalpattu, Tamil Nadu 603203, India; Department of Computer Science and Engineering, Prathyusha Engineering College, Chennai, Tamil Nadu 602025, India; Department of Computer Science and Engineering, Princeton Institute of Engineering and Technology for Women, Korvenala, Hyderabad, Telangana 500088, India; Department of Electronics and Communication Engineering, National Institute of Technology, Warangal, Telangana 506004, India	Microprocessors and Microsystems	2020-21	1419331	5
76	Fully Smart fire detection and prevention in the authorized forests	Karunanathi V.R., Raju S.H., Kavitha S., Lakshmi Lalitha V., Vijaya Krishna S.	MLR Institute of Technology, Dundigal Police Station Road, Dept. of Ece, Hyderabad, Telangana, 500043, India; Koneru Lakshmaiah Education Foundation, Department of Computer Science and Engineering, Vaddeswaram Guntur, Andhra Pradesh, India	Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021	2020-21	97,81,72,81,95,377.00	0
77	A Review on Graph Theory in Network and Artificial Intelligence	Narayanan Kannaiyan G., Pappula B., Veerubommu R.	Department of Mathematics, IDyaswanda Sagar College of Engineering, Bangalore, 560068, India; Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, 500043, India; Department of Science and Humanities, Sri Krishna College of Engineering and Technology, Coimbatore, 641008, India	Journal of Physics Conference Series	2020-21	17426588	0
78	Investigation of Slender Bodies at Hypersonic Mach Numbers	Saikiranash M., Senthilkumar C., Kadam sunil G., Rampratap S.P., Shanmugam V., Balu G.	Department of Aerospace Engineering, MLR Institute of Technology, Telangana, India; Department of Aerospace Engineering, MIT Campus, Anna University, Chennai, 600094, India; Directorate of Aerodynamics, Defence Research & Development Laboratory, Hyderabad, 500058, India	Fluid Dynamics	2020-21	154628	0



PRINCIPAL

79	Effect of tool pin eccentricity on microstructural and mechanical properties of friction stir processed copper	Kumar H., Prasad R., Kumar P.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana 500043, India; Department of Mechanical Engineering, Indian Institute of Technology (BHU), Varanasi, 221005, India; Department of Mechanical Engineering, Government College of Engineering and Technology, Jammu, India	Vacuum	2020-21	00942207X	0
80	Security enhancement in video based on galefold technique for copyright protection	Sridhar B., Syamkaba V.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, India	Multimedia Tools and Applications	2020-21	13807501	1
81	Fabrication of aluminum metal matrix composite with carbon nanoparticles via stir casting	Sawale A., Reddy K.H.V., Poonamshree K., Kumar P.S.D.	Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
82	Modeling and CFD simulation of hair pin heat exchanger with different nano fluids	Telja P.A.B., Kumar E.S.	Department of Mechanical Engineering, MLR Institute of Technology, Dundigal, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
83	Flow field analysis of rudder in CFD	Kumar A.S., Shivakoba M., Sriletha L., Srihith B.	Aeronautical Department, MLR Institute of Technology, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
84	Heat transfer analysis for two-wheeler engine cooling fans by using CFD	Prasad J.L., Prasad N.E.C., Srinivas B.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
85	A review on the usage of green composite	Anankumar, Amreen, Yashawal, Phanendra, Vinod	Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
86	Effect of diphenylamine nano additive with pine oil biodiesel on performance and emission characteristics of CI engine	Kirant C.H.R., Reddy G.C.M., Krishna V.S.R., Hussain S.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India; Department of Mechanical Engineering, VNRVJERT, Hyderabad, Telangana, India; Department of Mechanical Engineering, Malra Reddy Engineering College, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
87	Analysis of drill jig for a missile component	Babu V.V.P., Siddiqui M.D.A.	Department of Mechanical Engineering, MLR Institute of Technology, UGC Autonomous, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
88	Design and analysis of nitrobus long range FPV plane	Shankar K.S., Mounika A., Kavya C.H., Yeshwarth G., Murall C.	Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
89	CFD analysis on various cross sectioned fins to determine the heat transfer rate	Kartick J.S., Ravindra A.	Department of Mechanical Engineering, Murr Laxman Reddy Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	1
90	Modeling and finite element analysis of composite propeller blade for aircraft	Praveen L., Anoop M.S.	Department of Mechanical Engineering, MLR Institute of Technology (UGC Autonomous), Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0

PRINCIPAL

MLR Institute of Technology

Laxman Reddy Avenue, Dundigal

Quthbullapur, Hyderabad-43.

Tel: 08454455114



91	Experimental investigation of performance and emission characteristics of diesel engine using pure oil blends	Karan C.H.R., Venkat Ramana C.H., Reddy B.N., Krishna V.S.R.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India; Department of Mechanical Engineering, VNRVJIET, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
92	Design, analysis and fabrication of e-fine-cycle: A hybrid tadpole vehicle	Reddy M.V., Kumar B.R., Kumar P.P., Vardhan Y.V., Revindha A.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
93	Design and fabrication of customary class unmanned air vehicle	Mishra N.K., Jyapally L.K., Sandhya K., Prasad N.S., Babu R.S.	Department of Aeronautical Engineering, MLR Institute of Technology Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
94	Thermal and CFD simulation of steam boiler at different velocities	Sandeep M., Pasha S.L.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
95	Designing, assembling and 3D-printing of a flame extractor device	Praveen L., Swaraj K.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
96	Wetting and corrosion studies on SS304 material surfaces	Deepika A.U., Ashwendra B., Harish C.V., Surendra N., Meghanath G.	Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
97	Analytical investigation of fin tube evaporator with different fin geometries by using FEA technique	Kore A., Pappula B.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
98	Energy efficiency assessment in situation affected hydroelectric dams	Bhargavji R.R., Chiranjeevi C., Gupta M.S., Subbaratnam B.	School of Mechanical Engineering, Vellore Institute of Technology, Vellore, 632014, TN, India; Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad, 5000043, TS, India; Department of Mechanical Engineering, Vardhaman College of Engineering, Shamshabad, Hyderabad, 501218, TS, India	AIP Conference Proceedings	2020-21	0094243X	0
99	Mechanical characterization on delamination effect of carbon epoxy laminate	Karthiknathan M., Reddy M.V., Praveen L.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
100	Investigation of elliptical crack geometry in a thin plate	Goad N.U.R., Bandary A., Harish C.H.V., Meghanath G.	Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
101	Conceptual design of UAV using modular approach	Kumar A.S., Hardik L.G., Kumar D.K., Ranvya B., John T.	Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
102	Design, modelling and fabrication of 4-wheeler electric sport car	Babu V.V.P., Reddy K.S., Jadhav L.V., Bhavani L., Siddhar G., Reddy M.S.	Department of Mechanical Engineering, MLR INSTITUTE of TECHNOLOGY, Durgam, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
103	Design and implementation of a smart reader for blind and visually impaired people	Panith A., Manish G., Samanth M.S., Vinay A., Karthik R., Jyothi K.	Computer Science and Technology, MLR Institute of Technology, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
104	Experimental investigation of toroidal piston bowl with tangential grooves on CI engine	Reddy A.S., Keshavraj J.	Department of Mechanical Engineering, MLR Institute of Technology, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0



105	Study the effect process of parameters on friction welding of dissimilar metals AISI 304 steel and AA 2219 aluminium	Rao G.A., Kumar B.J., Kumar G.N., Mahender P., Kumar T.U.	MLR Institute of Technology, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
106	A review on the usage of green composite with other composites	Deepika A.U., Esmail S., Rao B.M., Thivedi V.K.	Aeronautical Department, MLR Institute of Technology, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
107	Paragraph summarization based on word frequency using NLP techniques	Kumar G.K., Rani D.M.	Department of Information Technology, MLR Institute of Technology, Hyderabad, India; Department of Electronics and Communications Engineering, Marri Laxman Reddy Institute of Technology and Management, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	2
108	Fabrication and comparison of AA7005/SiC-Al <sub>2</sub> O <sub>3</sub> and other composite materials using different methods	Gangtha M.S., Akhli G., Redhana V., Laxmi P.H., Jawahar J.	Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
109	Fluid flow analysis of boiler feed pump by varying number of blades using CFD technique	Reddy G.C.M., Ullah M.R.	Department of Mechanical Engineering, MLR Institute of Technology, UGC Autonomous, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
110	Thermal analysis of shell and tube heat exchangers for improving heat transfer rate using nanofluid mixtures	Reddy M.M., Reddy.mudhuganti@gmail.com, Praveen L., Srinivas A.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
111	Smart garbage segregation for the smart city management systems	Arulmani T.S., Baskar M., Sree R.D., Teja P.S., Kumar T.S.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, Telangana, 43, India; Department of Computer Science and Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai, Tamilnadu, 603203, India	AIP Conference Proceedings	2020-21	0094243X	0
112	Transient thermal and CFD analysis of catalytic converter for emission reduction	Kishore N.P., Kumar R.V.	Associate Professor, Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
113	A review on design and optimization of forced air-cooled cold plate for avionics application	Vedantam K., Teja S.H.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, Telangana, India	AIP Conference Proceedings	2020-21	0094243X	0
114	Experimental investigation on 4 stroke petrol engine using modified piston	Kumar P.K., Prasad N.E.C., Ajay C.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India	AIP Conference Proceedings	2020-21	0094243X	0
115	Optimization Analysis of Cooperative Spectrum Sensing System over Generalized $\alpha$ - $\mu$ and $\chi$ - $\mu$ Fading Channels	Balaji S.K., Siddhath P., Nallagouda S.	Department of Electronics and Communication Engineering, University College of Engineering & Technology, Acharya Nagarjuna University, Guntur, A.P., India; Department of Electronics and Communication Engineering, Marri Laxman Reddy Institute of Technology and Management, Doodigal, Hyderabad, T.S, India	Wireless Personal Communications	2020-21	9296212	0



PRINCIPAL

**MLR Institute of Technology**  
Laxman Reddy Avenue, Dundigal  
Outhubillapur, Hyderabad-43,  
T.P.1 50NCANA INDIA



116	Role of Artificial Intelligence in Logistics and Supply Chain	Niranjan K., Narayana K.S., Rao M.V., A.L.N.	Mammi Laxman Reddy Institute of Technology and Management, Mba Department, Hyderabad, India; Mba Institute of Technology, Mba Department, Dundigal, Hyderabad, India; KI Business School, Mba Department, Vaddeswaram, Gunter, India	2021 International Conference on Computer Communication and Informatics, ICCCI 2021	2020-21	97,81,72,81,58,754.00	0
117	DDoS Attack Identification using Machine Learning Techniques	Peneti S., Hemalatha	Mlr Institute of Technology, Department of Computer Science and Engineering, Hyderabad, India; Jawaharlal Nehru Technological University, Department of Computer Science and Engineering, Hyderabad, India	2021 International Conference on Computer Communication and Informatics, ICCCI 2021	2020-21	97,81,72,81,58,754.00	2
118	A comparative review of performance and emission characteristics of diesel engine using eucalyptus-biodiesel blend	Ellappan S., Rajendran S.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India; Department of Mechanical Engineering, J.K.K. Natiraja College of Engineering and Technology, Kamurupalyam, India	Fuel	2020-21	162361	7
119	Structural analysis of air powered car	Pappula B., Kannayyan G.N., Siva Naga Sai G.N., Udaya P., Vanigala R., Nanditha J.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, India; Department of Mathematics, Dayanand Sagar College of Engineering, Bengaluru, India	CEUR Workshop Proceedings	2020-21	16130073	0
120	Experimental research of hybrid fibers based Geo-polymer concrete	Krishna T.J., Nanditha M., Lavanya B., Goud J.N.	Civil Department, Mammi Laxman Reddy Institute of Technology and Management, Hyderabad, Dundigal, Telangana, India	Materials Today: Proceedings	2020-21	22147853	0
121	Experimental evaluation of impact energy on coolbeck material (non-Newtonian fluid)	Krishna V.S.R., Hussain S., Kiran C.H.R., Kumar K.V.	Mechanical Engineering Department, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, Telangana, 500090, India; Mechanical Engineering Department, Malra Reddy Engineering College, Hyderabad, Telangana, 500090, India; Mechanical Engineering Department, MLR Institute of Technology, Hyderabad, Telangana, 500090, India; Mechanical Engineering Department, Jawaharlal Nehru Technological University, Hyderabad, Telangana, 500072, India	Materials Today: Proceedings	2020-21	22147853	0
122	Modified Transaction Against Double-Spending Attack Using Blockchain to Secure Smart Cities	Ramkumar J., Basak M., Suresh A., Arulnanthi T. S., Anuraha B.	Department of Computer Science and Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai, Tamilnadu, India; Professor, Department of Electronics and Communication and Engineering, MLR Institute of Technology, Hyderabad, Telangana, India	Advanced Sciences and Technologies for Security Applications	2020-21	16135113	0



PRINCIPAL

**MLR Institute of Technology**  
Laxman Reddy Avenue, Dundigal  
Outhbullapur, Hyderabad-43,  
TELANGANA, INDIA.

123	On Numerical Modeling and Flow Analysis of Piston Bowl Geometry of a Compression Ignition Engine	Pappula B., Kannayyan G.N., Turaka S.	Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, 500043, India; Department of Science and Humanities, Sri Krishna College of Engineering and Technology, Colihure, 641008, India; Department of Mechanical Engineering, QIS College of Engineering and Technology, Ongole, 523272, India	Lecture Notes in Mechanical Engineering	2020-21	21954356	0
124	BDN-GWANN: Internet of Things (IoT) Enabled Secure Smart City Applications	Pereti S., Sunil Kumar M., Kallan S., Patan R., Bhaskar V., Ramachandran M.	Department of CSE, MLR Institute of Technology, Hyderabad, Telangana, India; Department of CSE, Sree Vidyanikethan Engineering College (Autonomous), Tirupati, Andhra Pradesh 517102, India; Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh 520007, India; Department of Electrical and Computer Engineering, San Francisco State University, San Francisco, CA 94132, United States; School of Computing, SASTRA Deemed University, Thanjavur, India	Wireless Personal Communications	2020-21	9296212	0
125	A WAVELET BASED COPYRIGHT MARKING ON IMAGE UNDER SUB-BANDS STACKING TECHNIQUE	SRIDHAR B.	Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, 500043, India	Latin American Applied Research	2020-21	3270793	0
126	Low rate DDoS mitigation using real-time multi-threshold traffic monitoring system	Bhaskar M., Ramkumar J., Karthikeyan C., Anbarasu V., Basaji A., Arulmaniath T.S.	Department of Computer Science and Engineering, School of Computing, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, Chengamattu, Tamilnadu 603 203, India; Department of Computer Science and Engineering, Koneru Lakshmaiah Education Foundation, Deemed To Be University, Vallabswaram, Guntur, Andhra Pradesh, India; Department of Computer Science and Engineering, KCG College of Technology, Karapakkam, Chennai, 600 097, India; Department of Electronics and Communication Engineering, MLR Institute of Technology, Hyderabad, Telangana 500 043, India	Journal of Ambient Intelligence and Humanized Computing	2020-21	18685137	15
127	Multi-Face Recognition Using CNN for Attendance System	Santvampou P.V.	Department of Computer Science and Engineering, MLR Institute of Technology, Hyderabad, Telangana, India	Lecture Notes in Networks and Systems	2020-21	23673370	0

PRINCIPAL

MLR Institute of Technology  
Laxman Reddy Avenue, Dundigal  
Outhbullapur, Hyderabad-43  
TELANGANA, INDIA