

Sno.	PAPER NUMBER	ARTICLE TITLE	AUTHORS	CORRESPONDING AUTHOR's FIRST NAME	CORRESPONDING AUTHORs SURNAME	CORRESPONDING AUTHOR AFFILIATION (NAME ONLY)	REGISTRATION STATUS
1	10	Design And Contact Analysis Of Geneva Mechanism With Different Materials For Automatic Stamping By Using FEA Simulation	Keshav Saini, Paras Patel, Raj Bjapai, Summit Shoor	Summit	Shoor	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
2	14	Multi-Objective Optimization of Glass-Epoxy Composite Laminated Pin Joint for Structural Application	Akash Gupta, Manjeet Singh, Yogesh Attri, Kalyan Basnet, Mahmud Jami Fahim	Manjeet	Singh	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
3	15	Combating Parasite Drug Resistance by Utilizing Insilco Approaches from Traditional Plant Sources	Anish Kumar, Achala Singh, Anjali, Gojja Pushkara	Anish	Kumar	Lovely Professional University, Phagwara, Punjab, India	REGISTERED
4	18	Sol-gel Synthesis and Spin coating of Ag-Doped Titania Thin Films on the Glass Substrates for Photochromic and Hydrophilic Applications	Francis Luther King M, G. Robert Singh, Venkatesh Yepuri	Venkatesh	Yepuri	Department of Electrical and Electronics Engineering, Swarnandhra College of Engineering and Technology, Seetharampuram, Narsapur, Andhra Pradesh, India-534280	REGISTERED
5	19	Design and material analysis of wall climbing welding bot	Rameshwar Cambow, Deepak Kumar, Abhishek, Ishank Taluja, and Ugen Lhendup Lachenpa	Deepak	Kumar	Department of School of Mechanical Engineering Lovely Professional University, Jalandhar-Delhi, G.T. Road, Phagwara-144401, Punjab, India	REGISTERED
6	20	Material Analysis of Ladder Frame Chassis for Heavy Vehicle: A Brief Review	Buddu Bhupathi, Janga Shivashekar, Damarlapally Vamshi, Anil Baliram Ghubade	Buddu	Bhupathi	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
7	21	Analysis of Strategies to implement Lean Six Sigma in Indian Small Manufacturing Enterprises	Mahipal Singh, Vikas Gulati, Md Masum Billah, Shivam Raghav, Somit Singh and Haroon Mandozai	Mahipal	Singh	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
8	23	A thorough investigation into the behavior of several materials using finite element method for impact absorber used in automobiles	Amit Thakan, Prashun Das Gupta, Yogesh Prasad Patel,	Prashun Das	Gupta	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
9	24	Prioritization of enablers for Industry 4.0 adoption in manufacturing industries using MCDM approach	Mahipal Singh, Jasvinder Singh, Vishawjeet Bhagat, Jay kumar, Pallab Sarkar, Yogesh Prasad Patel, and Aakash	Mahipal	Singh	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
10	25	Prioritization of enablers for kaizen implementation in Indian manufacturing industries	Jasvinder Singh, Mahipal Singh, Abin Aymon, Kandru Abraham	Mahipal	Singh	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
11	26	Design and fabrication of hybrid steam oven cooking system: a review	Abhinav Singh, Abhishek Thakur Navpreet Singh, Pritam Ghosh, Sanjeev Kumar	Abhinav	Singh	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
12	27	Properties of hemp fiber reinforced composite – A review	Chittanoor Nagaraja Goutham, Janga Shiva Shekar, Navpreet Singh, Rangeesh Siva Sundaram S, Sayantan Bhattacharya, Sumit Kanchan	Sayantan	Bhattacharya	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED

13	28	Material Testing Of TIG Welded Zone Of Different Steel: A Brief Review	Rupesh Kumar Mahato, Rajat Yadav, Aakash, Sachin, Keshav Saini, Sayantan Bhattacharya	Rupesh Kumar	Mahato	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
14	29	Design and Material Analysis of Stairs Climbing Military Bot	Hitesh Arora, Deepak Kumar, Abhishek, Ishank Taluja, Ugen Lhendup Lachenpa and Prashun Das Gupta	Deepak	Kumar	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
15	31	CFD Study on Multi-Inlet Coolant Circulation For Colling Lithium-Ion Battery	Dipankar Dutta, Srujan Reddy Baddam, Mani Kumar akshai varma, Dr. Ravindar Jilte	Dipankar	Dutta	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
16	36	Advances in Computational Fluid Dynamics for Electronics Cooling: A Comprehensive Review	Bhaskar Reddy Challapureddy, Mahesh Paleti, Prithvi raj L, Vivek Buri, Ravindra Jilte	Bhaskar Reddy	Challapureddy	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
17	37	Performance Evaluation and Property Improvement of The Engine Coolant Using Al ₂ O ₃ Nanoparticles	Ibrar Khan, Raj bajpai, Gopal verma, Vikesh kumar yadav, Vishal Singh Rajput, Gaurav vyas	Raj	bajpai	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
18	38	A Review on Comprehensive Characterization of Nanoparticles for Biomedical Application	Gopal Verma, Sayanth C, Ajith M, Mayukh Sarkar, Ravinder Pal Singh	Sayanth	C	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
19	40	Determination of Sun Protection Factor in Herbal Extracts and Oils	Ruby Verma, Manoj Kumar	Manoj	Kumar	Department of Chemistry, UIS, Chandigarh University Mohali	REGISTERED
20	42	A short review on the study on wear behaviour of aluminium alloys and composites	Aman Kumar Pandey, Sayantan Bhattacharya, Abhishek Thakur, Satyam Pandey, Siddharth Krishna Yadav	Sayantan	Bhattacharya	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
21	43	CFD Analysis of Liquid Cooling of Multi-Channel Entry Of Lithium-Ion Battery Pack Used In Electric Vehicle	B srujan reddy, Gaurav vyas	B srujan	reddy	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
22	44	A short review on the microstructure analysis of different sheet metal welds	Enagandula Sai Ajay, Kasam Akhil Reddy, Allu Venkat Sai Vivek, Sayantan Bhattacharya	Sayantan	Bhattacharya	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
23	48	A State of the Art on Honeycomb Cellular Solids: Structures, Properties, Applications	Karthik Reddy Thatipelli and Harshavardhan Kalathur	Karthik Reddy	Thatipelli	Doctoral Scholar, Ecole Centrale School of Engineering, Mahindra University, India-500043	REGISTERED
24	49	A Fraud Detection System for Quick Prevention of Credit Card	Maguluri Adinarayana, GodaMahesh, Garimineni Ajay, Lakkakula Praveen Thumati Ajay Kumar, Pushpendra Kumar Pateriva	Maguluri	Adinarayana	Lovely Professional University, Phagwara, Punjab, India	REGISTERED
25	50	Vacuum Brazed Joint Strength Evaluation of SS304 and Pure Titanium Combination Using Pd-Cu-Ag and Ti-Cu-Ag Filler Alloys	Vishal Bhaskar, Swati Sharma, Abhishek Upadhyay, Sandeep Kumar, Pal Dinesh Kumar, Arun Agarwal	Vishal	Bhaskar	Terminal Ballistics Research Laboratory, Sec-30, Chandigarh, 160030, India	REGISTERED
26	51	Flight Price Prediction Using Machine Learning Techniques	Yarlagadda Surya, Charan Chowdary, Pooja Rana	Pooja	Rana	School of computer science engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED

27	54	Effects of MBTS in Combination with Different Accelerators on Cure Characteristics of RR/SBR/NR Rubber Blends	Bongani Tinashe Gomba, Prabhask Kumar, Dharmendra Singh Tomar	Bongani Tinashe	Gomba	Department of Chemical Engineering and Physical Sciences Lovely Professional University Phagwara, 144402, Punjab, India	REGISTERED
28	56	Review On Degradation of Pesticides Through Different Techniques in Different Conditions	Sai Teja K, Manoj Kumar	Sai	Teja K	Department Of Chemistry, University Institute of Sciences, Chandigarh University Mohali, Punjab, INDIA, 140413	REGISTERED
29	57	Role of 3D Printing in Planning and Performing of Jaw Surgeries	Gaurav Dod, Pramod Walke, Rahul Jibkarte, Nilesh Nirwan	Gaurav	Dod	Mechanical Engineering Department, G H Raisoni College of Engineering, Nagpur	REGISTERED
30	58	Design Of Powertrain for Rear Wheel Drive	Chittanoor Nagaraja Goutham, T.G. Sashank Asish Sharma, Milind. M, Ravinder Pal Singh	Ravinder Pal	Singh	School of Mechanical Engineering, Lovely Professional University, Phagwara, Punjab, India	REGISTERED
31	59	Role of Carbon Nanotube for Water Purification	Tamanna Saharan, Manoj Kumar	Manoj	Kumar	Department of Chemistry, UIS, Chandigarh University Mohali	REGISTERED
32	60	Stress Analysis of Circular Inclusion Coated with Functionally Graded Material in a Finite Panel	Pushpa Rani, Manjeet Jakhar, Gyander Ghangas	Gyander	Ghangas	Department of Mechanical Engineering, SRM Institute of Science and Technology, Delhi NCR Campus, Modinagar, Uttar Pradesh, India, 201204	REGISTERED
33	63	Design and Optimization of Pump Storage Hydropower (PSH) and Hydrogenerator Stator Frame to Withstand High Radial and Tangential Stress	Yejvander Thakur, Anil Singh Yadav, and Vipin Shrivastava	Yejvander	Thakur	Department of Mechanical Engineering, IES University, Bhopal, India	REGISTERED
34	64	Historical Survey on Hirota's bilinear method and soliton solutions: Application on Manufacturing Processes	Susmita Das, Amit Kumar Rahul, Sandip Saha, Manoj Kumar Singh, Vikash Kumar, Shahul Hameed, and Saksham Gupta	Sandip	Saha	Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology Chennai, Chennai, Tamilnadu, India	REGISTERED
35	65	Revolutionizing Portable Power Generation: Unleashing the Potential of Advanced Materials through Automobile Exhaust Exploitation	Shashi Kumar M. E., Mohan Kumar S and Ravi Kumar V	Shashi	Kumar M. E	Department of Mechanical Engineering, Amrita School of Engineering, Bengaluru, Amrita Vishwa Vidyapeetham, India	REGISTERED
36	66	Study on effect of process parameters in milling of mild steel by design of experiments	Ulhas K. Annigeri, and T Srinivas Rao, Mohan Kumar S	Ulhas K.	Annigeri	Department of Mechanical Engineering, Amrita School of Engineering, Bengaluru, Amrita Vishwa Vidyapeetham, India	REGISTERED
37	68	Blade Guide in Hidden Tilt Rod Window Louver for Unplasticized Polyvinyl Chloride (UPVC) Material	Joy Ashok Job, Santosh Jaju, Vednath Kalbande	Joy Ashok	Job	Dept. of Mechanical Engineering, G.H Raisoni College of Engineering, Nagpur, India	REGISTERED
38	69	Design And Modification of Automatic Feeding of Rubber Material in Existing Press Machine	Shashank Someshwar Nanhe, Sachin Untawale and Santosh Jajuc	Shashank Someshwar	Nanhe	G.H Raisoni College of Engineering Nagpur, India	REGISTERED
39	70	Application of Lot Size Techniques to Inventory of Gear Box Manufacturing Industry	Anand S. Shivade and Sagar U. Sapkal	Anand S.	Shivade	Department of Mechanical Engineering, Walchand College of Engineering, Sangli, Maharashtra, India, 416415	REGISTERED

40	75	On Dynamic Response of Polarized Shear (SH) Waves in Self-Reinforced Material	Manoj Kumar Singh, Amit Kumar Rahul, Ravi tiwari, Sourabh paul, Vikash Kumar, and Saurabh Chandra Maurya, and Sandip Saha	Sandip	Saha	Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology Chennai, Chennai-600127, Tamil Nadu, India	REGISTERED
41	77	Maximizing Material Efficiency in CPU Back Panel Design: A Sustainable Approach	Vaibhav Raut, A. M. Khalatkar, P. V. Walke	Vaibhav	Raut	Department of Mechanical Engineering, G H Raisoni College of Engineering, Nagpur 440016, India	REGISTERED
42	79	A Supply Chain Study of Managing Multiple Routes thru Simulated Annealing	Jupudi Raghuram and Srinivas Rao Tatavarthy	Srinivas Rao	Tatavarthy	Department of Mechanical Engineering, Amrita School of Engineering, Amrita Vishwa Vidyanetham, Bangalore, India	REGISTERED
43	81	Study & Analysis of Impact of Clustering of Machines on Performance of Automated Storage and Retrieval System	Vivekanand S Gogi, C K Nagendra Gupta	Vivekanand	S Gogi	Dept of IEM, RV College of Engineering, Bangalore, Karnataka, India	REGISTERED
44	90	Comparative Study on the Workability and Strength Properties of Metakaolin Concrete Reinforced with Basalt Fiber	Nihar Ranjan Mohanta, Suresh Kumar Paul, Subhadarshani Satapathy, Dibyajyoti Dash, Abinash Das	Nihar Ranjan	Mohanta	NIT Raipur, Chhattisgarh, India	REGISTERED
45	92	Nano-Additives and Resin in 3-D Printing: A Review	Fazar Sheikh, Parth Darange, Rahul Jibhkate, Yogesh Nandanwar, Nilesh Nirwan	Fazar	Sheikh	Department of Mechanical Engineering, G H Raisoni College of Engineering, Nagpur 440016, India	REGISTERED
46	NIT,C	Thermally curled g-CN fibers for the simultaneous Removal of Rhodamine B, Methylene Blue, and Methyl Orange from the ternary dye mixture	Shalini Viswanathan, Swathi A.C, Anooj Anil Pallikkara, Fermil Muhammed, Majji Kavya Sri, Aparna K	Aparna K	NA	Materials Science and Environment Sustainability Group Department of chemical engineering, National Institute of Technology Calicut India	REGISTERED
47	SLIET	Multi-objective optimization of Machining Parameters using GRA while performing Electric Discharge Machining of Inconel- 800	Prashant Tripathi and Shankar Singh	Prashant	Tripathi	Department of Mechanical Engineering, Sant Longowal Institute of Engineering & Technology, Punjab, India	REGISTERED
48	1	A comparative study of X-ray and CT images to using Imaging and Deep Learning to detect the COVID19 virus	Rahul Chauhan, Hemant Pokhariya, Prateek Negi, Chandradeepbhatt, Rakesh Kumar and Gaurav Dhiman	Rahul	Chauhan	Department of Computer Science Engineering, Graphic Era Hill University Dehradun, India	NOT-REGISTERED
49	2	Cardiovascular Disease Prediction: Performance Analysis and Comparison of Various Supervised Machine Learning Algorithms	Ritika Garg, Pradeepta Kumar Sarangi, Ved Prakash Dubey, Jayant Jha, Dinesh Chandra Dobhal, Rakesh Kumar and Gaurav Dhiman	Ritika	Garg	Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, India	NOT-REGISTERED
50	3	Authentication of Login Details using Security Questions and Its Strength	Sartaj Khan, Ashok Kumar Sahoo, Pradeepta Kumar Sarangi, Kamlesh Chandra Purohit, Rakesh Kumar and Gaurav Dhiman	Sartaj	Khan	Shivalik College of Engineering, Dehradun, India	NOT-REGISTERED
51	4	An Ensemble Learning for Sentiment Analysis on Twitter	Chandradeep Bhatt, Rahul Chauhan, Bhupendra Singh, Hemant Pokhariya, Rakesh Kumar and Gaurav Dhiman	Chandradeep	Bhatt	Department of Computer Science and Engineering, Graphic Era Hill University Dehradun Uttarakhand, India	NOT-REGISTERED
52	5	A Machine Learning based System to detect Driver's Drowsiness	Sushil Chandra Dimri, Rahul Chauhan, Vishal Ansari, Chandradeep Bhatt, Ashish Singh Negi, Rakesh Kumar and Gaurav Dhiman	Sushil Chandra	Dimri	Department of Computer Science & Engineering, Graphic Era Deemed to be University Dehradun, Uttarakhand-248002	NOT-REGISTERED

53	6	Distribution of Engineering Properties of Soils Used in Highway Construction	Ankit Negi, Keerat Kumar Gupta, Rakesh Kumar and Gaurav Dhiman	Rakesh	Kumar	Department of Mathematics, Lovely Professional University, Phagwara-144411, Punjab, India	NOT-REGISTERED
54	7	Investigating the Influence of Shredded Macadamia Shell and Polyethylene Terephthalate as Substitutes for Sharp Debris in Epoxy	Anoop Bahuguna, Kishan Singh Rawat, Rakesh Kumar and Gaurav Dhiman	Rakesh	Kumar	Department of Mathematics, Lovely Professional University, Phagwara-144411, Punjab, India	NOT-REGISTERED
55	8	E-Waste Presents a Fresh Problem for India's Garbage Management	Avnish Chauhan, Rakesh Singh, Aleem Ali, Muneesh Sethid, Rakesh Kumar, and Gaurav Dhiman	Avnish	Chauhan	Department of Environmental Science, Graphic Era Hill University, Dehradun, Uttarakhand, India. 248002	NOT-REGISTERED
56	9	Imperfections Recognition on a Transmission Line of a Power System Utilising Neural Network	Nitin Kumar, Noor Mohd, Rakesh Kumar, and Gaurav Dhiman	Gaurav	Dhiman	Division of Research and Development, Lovely Professional University, India	NOT-REGISTERED
57	10	Home Control Switch Automation Using GSM Communication	Prabhat Kumar, Noor Mohd, Rakesh Kumar and Gaurav Dhiman	Gaurav	Dhiman	Division of Research and Development, Lovely Professional University, India	NOT-REGISTERED
58	11	Mouse control using hand gestures	Deepa Joshi, Shubham Verma, Pranshu, Vidyanand Mishra, Gunjan Chhabra, Teekam Singh, Rakesh Kumar and Gaurav Dhiman	Deepa	Joshi	School of Computer Science University of Petroleum and Energy Studies (UPES) Dehradun, INDIA	NOT-REGISTERED
59	12	Next day Bitcoin Price Prediction: Performance Comparison of Various Statistical and Machine Learning Algorithms	Lubna Noor Ahmad, Pradeepta Kumar Sarangi, Merry Saxena, Prateek Srivastava, Shiv Ashish Dhondiyal, Amandeep Singh, Rakesh Kumar, and Gaurav Dhiman	Lubna Noor	Ahmad	Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, India	NOT-REGISTERED
60	13	Improving Soil Stabilisation by Optimising and Modelling Rice Husk Ash-Clay Blend	Ajay Kumar Singh, Amit Kumar Sharma, Rakesh Kumar and Gaurav Dhiman	Ajay Kumar	Singh	Department of Civil Engineering, Graphic Era Deemed to be University, Dehradun, Uttarakhand, India. 248002	NOT-REGISTERED
61	14	The Performance Analysis of Piezoelectric Energy Harvesting Devices	Ishita Uniyal, Ved Prakash Dubey, Shiv Ashish Dhondiyal, Rakesh Kumar and Gaurav Dhiman	Ishita	Uniyal	Dept. of Electrical engineering Graphic Era Hill University Dehradun, India	NOT-REGISTERED
62	15	Reliability Analysis of Optimally Designed Reinforced Concrete Frames	Ankit Nainwal, Shashank Kothari, Rakesh Kumar and Gaurav Dhiman	Ankit	Nainwal	Department of Civil Engineering, Graphic Era Hill University, Dehradun, Uttarakhand, India, 248002	NOT-REGISTERED
63	16	Role of Artificial Intelligence in Hospitality Management Education	Ashish Dhyani, Shiv Ashish Dhondiyal, Akash Chauhan, Sumeshwar Singh, Chandradeep Bhatt, Rakesh Kumar and Gaurav Dhiman	Ashish	Dhyani	Dept. of Hospitality Graphic Era Deemed to be University Dehradun, India.	NOT-REGISTERED
64	17	Security Vulnerabilities Arise Due to Practical Information-Sharing Architecture in the Automotive Sector	Noor Mohd, Yuvraj Singh Raj purohit, Somendra Singh, Saumitra Chattopadhyay Rakesh Kumar and Gaurav Dhiman	Saumitra	Chattopadhyay	Department of Computer Science & Engineering, Graphic Era Deemed to be University, Dehradun, India	NOT-REGISTERED
65	18	Tele-alarming Smoke Detecting Devices using GSM	Shivangi Barthwell, Deepak Chauhan, Rakesh Kumar, and Gaurav Dhiman	Shivangi	Barthwell	Department of Electronics & Communication Engineering, Graphic Era Deemed to be University, Dehradun, Uttarakhand, India.	NOT-REGISTERED
66	19	Traffic Analysis of a Mobile Switching Center	Neeraj Panwar, Sushil Chandra Dimri, Rakesh Kumar, and Gaurav Dhiman	Gaurav	Dhiman	Division of Research and Development, Lovely Professional University, India	NOT-REGISTERED

67	20	Mobile Application for Health Care Analytics	Jyoti Parsola, Durgaprasad Gangodkar, Rakesh Kumar and Gaurav Dhiman	Rakesh	Kumar	Department of Mathematics, Lovely Professional University, Phagwara-144411, Punjab, India	NOT-REGISTERED
68	DTU	Supply Chain Management and its Role in Rail Transport	Manoj Kumar, Vipin, Ashish Agarwal	Manoj	Kumar	Department of Mechanical Engineering, Delhi Technological University, Delhi, India	REGISTERED
69	OPINDAL	Productivity Improvement of the Rolling Mill in the Steel Plant by Implementing Lean Manufacturing Tools	Sardar Singh Rathi, Mithilesh Kumar Sahu , Sanjeev Kumar	Sardar Singh	Rathi	Department of Mechanical Engineering, OP Jindal University, Raigarh Chhattisgarh-496001, India	REGISTERED
70	GHRAISONI	Near Dry Machining Methods and Effects of Process Parameters on Performance Parameters: A Comprehensive Review	Prabhakar M. Chopade, Anil R. Shahu, Mahendra U. Gaikwad	Prabhakar M.	Chopade	Department of Mechanical Engineering, G.H. Raisoni College of Engineering and Reserach, Wagholi, Pune, Maharashtra, India	REGISTERED
71	ADGITM	Stabilization of Soil with Lime for rural roads	Kavita Verma	Kavita	Verma	Department of Civil Engineering, Dr. Akhilesh Das Gupta Institute of Technology and Management, Shastri Park, Shahdara, New Delhi, India	REGISTERED