

**Note: As per the Jurnal Policy the Paper wear published and indexed in**

S.NO	Manuscript Number	Author Names	Paper Title
1	IJDM-D-24-00628R1	ABHAY GUPTA,	Nonlinear dynamic response and damping performance of the viscoelastic composite core-based sandwich plates subjected to blast load
2	IJDM-D-24-00611R1	Santosh Kumar Sahu,Varun Krishna V.R.,P.S.Rama Sreekanth,Sidharth Menon,Quanjin Ma,Y P Deepthi	Modeling and finite element simulation of sustainable coronary stent with a variation in unit cell design
3	IJDM-D-24-00526R1	Sunil Kumar,Ahijith Kumar PV,,Lokeswar Patnaik,Kiran Bharati, Venkatesh V.S.S.	Investigating Tool Wear Rate and Surface Quality of Hardened Tool Steel: A Fuzzy-MARCOS Analysis and Response Surface Methodology Study
4	IJDM-D-24-00637	Gianender Kajal, PhD. (P),M.R. Tyagi,Gulshan Kumar,	Finite Element Analysis and Experimental Investigation in Incremental Sheet Metal Forming of Composite Matrix of Grade-V Titanium
5	IJDM-D-24-00588R1	Sarada Prasad Parida, Ph.D,Basana Bidisha Bal,Sarada Prasad Parida,Rajiv Lochan Padhy,Pankaj Charan Jena,	Effect of chemical treatment on the thermo-mechanical properties of the natural fiber-reinforced composites
6	IJDM-D-24-00532R1	Lokeswar Patnaik,Sunil Kumar,Abhijit Kumar P V, Kiran Bharati, Saikat Ranjan Maity,Magdalena Łępicka	Coating Material Selection for Bulk Metal Forming Dies: A MEREC-integrated Approach with Multiple MCDM Techniques
7	IJDM-D-24-00580R2	Satyanarayana Kosaraju,Prasanna B,Vaishnavi B,Kavya Ch,Vinolika M,Murahari kolli,	TAGUCHI OPTIMIZATION STUDY ON FRICTION STIR WELD PARAMETERS FOR ENHANCING DISSIMILAR JOINT STRENGTH OF AA8011 AND AA5052

8	IJDM-D-24-00547R1	Sarada Prasad Parida,Abhijit Mohanty,Sarada Prasad Parida,Ratiranjan Dash	Modal response of sandwich plate having carbon-epoxy faceplate with different honeycomb core material and geometry considerations
9	IJDM-D-24-00521R1	Vishal Bhise,Bhagwan F. Jogi,	Multi-Response Optimization and Effect of Process Parameters during Machining of Inconel X-750 using Grey Relational Analysis and Analysis of Variance
10	IJDM-D-24-00516R1	VIVEK S AYAR ,Himanshu Khandelwal,Sambit Kumar Parida,Maulik. J. Shah, Akash V. Vyas,Ravi P. Barot,Mayurkumar P. Sutaria	Design and Development of IoT Enabled Modular Melting, Pouring, and, Stirring System for Casting of Non-Ferrous Alloys and sustainable Aluminum Matrix Composites (AMCs)
11	IJDM-D-24-00652R1	KAUSHIK KUMAR ,Jeenendra Kumar Shiv, Chikesh Ranjan,	Flight of Inspiration: Mimicking Nature's Mastery in Micro Air Vehicle Design
12	IJDM-D-24-00615R1	Anand Mohan Murmu,Sambit Kumar Parida,Hari Vemireddy,Vivek S Ayar,Ratnakar Das	Effect of functional grading on adhesion failure propagation in adhesive bonded single lap joint with curved adherends
13	IJDM-D-24-00543R1	Imhade Princess Okokpujie,Lagouge K. Tartibu,Sylvia E. Kelechi,Rasaq A. Kazeem,Esther T. Akinlabi	Interaction and Optimization Study of the Influence of Calcium-Carbide-Waste, Crumb Rubber, and Fly-Ash on the Mechanical Properties of a Developed Self-Compacting-Rubberized Concrete for Sustainable Manufacturing Processes
14	IJDM-D-24-00800	Dhaval B Shah,Devwrat Upadhyay,Viraj Mujadia,Rushil Daruwala,Absar Lakdawala	Investigation on performance of composite phase change material based thermal management of electrical battery

15	IJDM-D-24-00744	Peter Omoniyi,Kobe Hassan Ibrahim,Mathew Sunday Abolarin,Asipita Salawu Abdulrahman,Rasheedat Modupe Mahamood,Tien-Chien Jen,Esther Akinlabi	Structural Simulation of Ti-Ha-CaCO3 Biocomposites using Finite Element Analysis (FEA) for Biomechanical Stability of Hip Implant
16	IJDM-D-24-00627	ANSHUMAN KUMAR,TEJAVATH Gopi	A Hybrid Multi-Optimization cutting rate and surface roughness using PCA-based Improved-GWO in Precise CNC turning of AA2014
17	IJDM-D-24-00624	Krishna Kumar TS,Kaviti Ajay Kumar,	An advanced study on the application of artificial neural networks in the abrasive waterjet machining of titanium nanocomposites.
18	IJDM-D-24-00626	Prince Jeya Lal LAZAR,Bakkiyaraj M,Elango Natarajan,Wei Hong Lim,Jeyanthi S,Vinoth Kumar S,Ramesh S	Application of metaheuristics to evaluate energy absorption and damage tolerance in GFRP-Epoxy nanocomposite laminates
19	IJDM-D-24-00590	Din Bandhu ,Kushal Patel,Dhruv Chauhan, Priyanka Mishra,Jagat Jyoti Rath,Kuldeep K Saxena,K. S. Rajendra Prasad,	Design and Development of a Modular Hydroponic Tower with Topology Optimization
20	IJDM-D-24-00582	SANJIB BANERJEE,Rakesh Bhadra,Arpan Kumar Mondal, Sushen Kirtania,Satadru Kashyap,Sanjib Gogoi, Swrang Mushahary,Priyam Roy	Numerical Modeling of Dynamic Heat Flow Behaviour during Friction Stir Welding of Al-Cu Alloy
21	IJDM-D-24-00519R1	Sanjiv Kumar Tiwari,Anshu Anand,Ved Prakash,,Ritesh Kumar Singh,Kaushik Kumar,	Optimizing Stir Casting Parameters for Aluminum Metal Matrix Composite Fabrication: A Hybrid Approach
22	IJDM-D-24-00788	Santosh Kumar Sahu, Ph.D	AI-Based Machine Learning Prediction of Electroless Copper Coating on Graphite Powder for Green Composite Fabrication

23	IJDM-D-24-00798	Piyush P Gohil, Ph.D.	Experimental Investigations on High speed drilling of uni directional GFRP composites (HSD-UDGFRPC)
24	IJDM-D-24-00778	Ashok Pandarinath Tadamalle, Ph. D.	Selection, Optimization and Analysis of Core and Face Material for Wind Turbine Composite Blade
25	IJDM-D-24-00780	Ratnakar Das, Ph.D.	A Study on Drilling Performance of Fabricated Sabai Fiber (Eulaliopsis binata) /Epoxy Composite
26	IJDM-D-24-00671R1	Vishwanath Kumar Panangipalli,Saraswathi Hallika Pindiprolu,Jitendra Singh	Advancements in Lightweight Two-Wheeler Rim Design: A Finite Element Analysis Approach with Diverse Materials
27	IJDM-D-24-00602	Dr. Pankaj Charan Jena	Study of damage progression due to impact of solid bodies on laminated composite plates in water
28	IJDM-D-24-00535R1	sabitha jannet	Investigations on the impact of process parameters of Fused Deposit Modelling on the Mechanical and Tribological properties of glass fiber reinforced and carbon fiber reinforced as-built and annealed pa6 composites
29	IJDM-D-24-00835	KK. Guduru,Srinivasu Gangi Setti	3D printed Carbon fiber reinforced PLA composite using fused deposition modeling by Taguchi's optimization: Influence of printing parameters