

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

S.NO	Manuscript Number	Author Names	Paper Title
1	TMPT-2024-0077R1	Anand Patel, Mayur Makhesana, Kaushik Patel, Yug Mevada, Krushan Jain, Arvind Sankhla	Experimental investigations and sustainability analysis on the performance of vegetable oil-based MQL drilling of SS316L
2	TMPT-2024-0101	Satadru Kashyap, Ashraf Ali, Sushen Kirtania	Mechanical testing such as tensile, flexural, impact testing was done to analyses the areca nut sheath fiber epoxy composite
3	TMPT-2024-0034	Kuldeep Kumar Saxena, Tejendra Singh Singhal, Jinesh Kumar Jain, Manoj Kumar	Comparative Investigation, Analysis, and Optimization of Weld Reinforcement During Powder-Fed Gas Metal Arc Welding of AISI 1023
4	TMPT-2024-0039	Yayat Iman Supriyatna, Ika Maria Ulfah, Widi Astuti, Slamet Sumardi, Lavita Indriani Br Ginting, Indra Pardede, Puspita Rani, Heni Fara Diba, Wahab Wahab, Himawan Tri Bayu Murti Petrus,	Optimization of TiO ₂ Synthesis from Ilmenite Sand and its Application in the Photocatalytic Process
5	TMPT-2024-0043R1	Mayurkumar Makhesana, Arvind Sankhla, Kaushik Patel, Jose Jaime Taha-Tijerina, Anand Patel, Prashant Bagga	Effects of Hot Extrusion on Compressive Strength and Densification of Aluminium-based Metal Matrix Composites
6	TMPT-2024-0055	Din Bandhu, H. Raghavendra Rao, Mehmet Şükrü Adin, KULDEEP KUMAR SAXENA, K. Madhava Reddy, G. Suresh Kumar, P. Harishankar	Enhancing the Mechanical Properties of Composite Films Adding Granite Powder for Sustainable Packaging Solutions
7	TMPT-2024-0062	K Saxena, Jaideep Sharma, Chitresh Nayak, Premanand S. Chauhan, R. K. Shukla,	Investigating the Effect of Zirconium Dioxide Micro & Nano Particles on the Mechanical Characteristics of Al-7075 Alloy

8	TMPT-2024-0070	Ajaya Bharti,,Devendra Prasad, Sunil B.D.Y,Kuldeep K. Saxena	Preparation, Characterization, Physical and Compression Testing of Sucrose Based Closed-Cell Aluminium Foam
9	TMPT-2024-0157	Nitin Kotkunde,Suswanth Poluru, Vrishan Ananth, Swadesh Kumar Singh, Ashustosh Panchal, Prabhu Gnanasambandam,	Flow Stress Behaviour Prediction of 92W-5Co-3Ni Alloy Using Various Machine Learning Models
10	TMPT-2024-0130	Devendrappa H,Vijaykumar S P, Suresh D S, Sapna Sharanappa, Ganesha H, Abdullah Ba Shbil	Aesthetic Synthesis and individuality of Graphitic Carbon Nitride in High Power Density Supercapacitors
11	TMPT-2024-0131	Devendrappa H,Sapna Sharanappa, Suresh D S, Vijaykumar S P, Ganesha H, Abdullah Ba Shbil,	Synthesis and characterization of tamarind seed husk derived carbon quantum dots incorporated polypyrrole nanosphere composite for energy storage applications
12	TMPT-2024-0135	Didier Talamona,Anel Zhumabekova, Asma Perveen	Mechanical Characterization of Additively Manufactured Ti-6Al-4V Lattice Structures for Biomedical Application
13	TMPT-2024-0125	SANJIB BANERJEE, RAKESH BHADRA, Arpan Kumar Mondal,SANJIB GOGOI, SWRANG MUSHAHARY, Priyam Roy	Processing, Experimental Characterization and Thermal Analysis for Friction Stir Welded Joint of 2219Al Alloy
14	TMPT-2024-0123	Nitin Kotkunde,Sandeep Pandre, Swadesh Kumar Singh, Uma Maheshwera Reddy Paturi	Hole Flangeability of Dual Phase Steel using Conventional and Two Stage Incremental Forming Processes
15	TMPT-2024-0122	Arnab Chanda,Gurpreet Singh	Liver Tissue Surrogates: Development and Biomechanical Characterization

16	TMPT-2024-0026R1	Amol Patil,S. H. Sarje	Shape Memory and Shape Recovery Characterization of Thermoplastic Urethane
17	TMPT-2024-0050R1	Santosh Kumar Sahu, Ph.D,P.S.Rama Sreekanth, Kuldeep K Saxena, Quanjin Ma	Effect of graphene reinforcement on the tensile and flexural properties of thermoplastic polyurethane nanocomposite using experimental and simulation approach
18	TMPT-2024-0074	Santosh Kumar Sahu, Ph.D,Ravi Kumar V,Prakash K R, ,Balasubramanya H S	Synthesis and Characterization of Carbon Nanofiber-Wrapped PANI and PPy Sensory Films in Polyester Resin for strain sensing
19	TMPT-2024-0088	Bharat Modi ,Ashish Gohil, Kaushik Patel	Ultrasonic vibration-assisted single point incremental forming of hemispherical shaped component using AA3003 material
20	TMPT-2024-0111	Uttam Acharya,Smrity Choudhury, Manisha Roy, Viresh Payak, Peter Omoniye, Stephen Akinlabi, Esther Akinlabi, Barnik Saha Roy	Producing Multilayer Laminated Composite of Aluminium/Copper by Friction Stir Additive Manufacturing Process
21	TMPT-2024-0112	Satadru Kashyap, Nilutpal Piku Deka, Krishna Prasad Hazarika, Nabaneet Upadhaya, Ashraf Ali, Sushen Kirtania, Sanjib Banerjee,	Effect of hybridization on the mechanical and weathering characteristics on jute-arecanut leaf-epoxy composites
22	TMPT-2024-0113	Shafeek M, ,V N Narayanan Namboothiri, C Raju	Investigation of the fracture behaviour and multi objective optimization of process parameters in multi-point incremental forming of titanium grade 2 sheets
23	TMPT-2024-0115	Dhaval B. Shah,Kautilya Patel, Vivek Mehtani,Shashikant Joshi, Kaushik Patel	Development and investigation of carbon fiber reinforced plastic waste composite using fused filament fabrication

24	TMPT-2024-0134R1	nalin somani,rohit rampal, arminder walia, tarun goyal, nitin gupta	Enhancing Precision Machining: Evaluation of Magneto-rheological Abrasive Finishing (MAF) for Brass and SS-304 material
25	TMPT-2024-0136	nalin somani,arminder walia, nitin gupta, anshuman das	Microstructural and mechanical properties of Al-Al ₂ O ₃ micro and nanocomposite fabricated by stir casting
26	TMPT-2024-0142	Sabitha Jannet,Rosari raja,lijin George,Rajesh S Ruban	Impact of Boron Nitride(H) reinforcement on the properties of 5.8% Copper-based Aluminum Alloy surface composite done by Friction Stir Processing
27	TMPT-2024-0143	Ashish Khinchi,Pankaj Sharma	Effect of Vibration on Mechanical Characteristics of Bi-directional Functionally Graded Beams under Moisture and Temperature
28	TMPT-2024-0157	Nitin Kotkunde,Suswanth Poluru,Vrishan Ananth,Swadesh Kumar Singh,Ashustosh Panchal, Prabhu Gnanasambandam,	Flow Stress Behaviour Prediction of 92W-5Co-3Ni Alloy Using Various Machine Learning Models
29	TMPT-2024-0129	Rasaq Kazeem,Tien-Chien Jen,Esther Akinlabi	Experimental Investigation of Machine Vibration Rate and Machine Sound Level in MQL Turning of AISI 1525 Steel Employing Mango Oil as Lubricant
30	TMPT-2024-0072R1	Ajaya Bharti,Hariom Tripathi,Rahul Dev,Akhilesh Kumar Chauhan,Kuldeep Kumar Saxena	Influence of Rotational Speed on the Microstructural, Mechanical and Wear Behaviour of FSPed cast AZ91 Magnesium Alloy