

Poster Session_07-09-2023 - Day_2 (Thursday)_Time - 16:00-17:30

ABS ID	Poster Title	Presenter Name	Institution/Affiliation	City
2	Cladding deposited by: Gas Tungsten Arc Welding (GTAW)	Suraj Anil Suryawanshi	Indian Institute of Technology	Bhubaneswar
23	Mechanical behaviour of fruit waste fillers based epoxy composites	Hitesh Sharma	NIT Uttarakhand	Srinagar Garhwal
25	Numerical Investigation of Heat transfer improvement Forced Convection Applications using PCM	S Bala Mohan	JNTUA CEA	Anantapuramu
30	Compatibilizing Effects for Improving Mechanical Properties of Biodegradable Poly(Lactic Acid), Acrylonitrile-Butadiene-Styrene (ABS) and Polypropylene Blends	Ramanadha Reddy S	Jntu Ananthapuram Rajampeta	Rajampeta
31	Laser Powder Bed Fusion Followed by Efficient Post-processing Method	Sai Kumar Balla	National Institute of Technology Warangal	Hanumkonda
32	Study on Flexural Properties of Hybrid Composite Fabricated by VARTM Process for Automotive Components	Sai Kumar Balla	National Institute of Technology Warangal	Hanumkonda
77	Magnesium Metal Matrix Composites for Biomedical Application: A Review	Rawad Yaqoub Aljabr	National Institute of Technology Warangal	Warangal
89	Parametric Optimization and Performance Analysis during WEDM of P91 Steel	Vishwajeet Kumar	Indian Institute of Technology (BHU)	Varanasi
92	Transformer Based Memes Generation Using Text and Image	Rishabh Jain	University of Petroleum and Energy Studies	Gohana
96	A review on Non-Invasive Diagnostic Tools for strength Analysis of soft tissue of a muscle to assist physiotherapist.	Vaibhav Pralhad Kulkarni	Walchand Institute of Technology,Solapur	Solapur
117	Simulation and experimental analysis of uniaxial tensile test of fused deposiiton modelling printed acrylonitrile-butadiene-styrene	Mallikarjuna B	National Institute of Technology Tiruchirappalli	Tiruchirappalli
156	Agro-Waste into value added Concrete	Amit Venanand Dewase	Laxminarayan Narayan Institute of Technology	Nagpur
158	Advancements in Quadcopter Technology: Developing a CAAD Model and Mathematical Model for Amphibious Operation	Shambhavi A S	Nitte Meenakshi Institute of Technology	Bangalore
162	Finite Element Analysis on the Biomechanical Stability of TPMS Based Scaffolds for Large Segmental Femur Bone Defect	Raj Kumar	Indian Institute of Technology Kanpur	
163	A Comprehensive Design and Analysis Study of Agricultural Hybrid Drones	Sanath Kumar Naik L	Nitte Meenakshi Institute of Technology Bangalore	Bangalore
173	A Comprehensive Survey of Speaker Diarization: Techniques, Challenges, and Future Directions	Peddabuddi Uma Devi	GITAM	Vishakapatnam

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174	Synthesis of AZ91 Mg composite with reinforcement of SiC particles through liquid stir casting method.	Mayur Kumar Rajak	National Institute Of Technology, Srinagar	
181	Design and development of suspension system for the prayogan rover	Akula Deepchander	JNTUHUCEJ	Jagital
182	Review on challenges and methods for habitat construction on Mars	Nitin Gotiya	Indian Institute of Technology Madras	Chennai
184	Novel Burr Measurement Technique	Prince Anand	Indian Institute of Technology (ISM)	Dhanbad
190	Nanotechnology and Additive manufacturing, an integration: A review	Rishi Dhar Gandhi	Indian Institute of Technology Madras	Chennai
191	Simulation of Metal-Oxide Nanostructured CFRP Composites	Abhipsa Kar	Indian Institute of Technology (ISM)	Dhanbad
200	Review on design, optimization, challenges and application of additive manufacturing of bio inspired cellular structure	Pabitra Kumar Sahu	Indian Institute of Technology Madras	Chennai
204	Effect of cold rolling and heat treatment on the microstructure evolution of Titanium alloy grade 2	Sandeep Mahore	Malaviya National Institute of Technology	Jaipur
216	Effect of Cooling Media on Mechanical Properties of Sn-Cu Solder Alloy	Channaveera Swamy JM	Rao Bahadur Y Mahabaleswarappa Engineering College	Bellary
217	Mechanical and Tribological Characterisation of Used Jute fibre and SiC Hybrid composite material	K. Manohar Reddy	PVKK Institute of Technology	Anantapur
295	Analysis on the machinability of Ti6Al4V during dry turning process	Rajesh J V	Vellore Institute of Technology (VIT)	Chennai
324	Slurry Erosive Wear Behavior of TiO ₂ -Inconel718 Composite coatings Plasma Sprayed on Mild Steel Substrate	G. Giridhara	B.M.S. College of Engineering, Bengaluru	Bengaluru
352	Comparitive Analysis and Fabrication of Regenerative Braking System using Matlab	Avdhut Shelar	Fr. C. Rodrigues Institute of Technology	Navi Mumbai
368	Design and flow analysis of injection Mould for Car Indoor Bezel using Simulation software	Kartikey Mishra	Rajkiya Engineering College	Manipuri
381	Investigation of Die sinking EDM on SS316 material with Various Tool Electrode for Enhanced Machining Performance- A Review	Satish Kumar Verma	Gujarat Technological University	Gujarat
396	Processing and fabrication of PVDF sensors as a dynamic pressure sensor	Enoos Dange	CSIR - National Aerospace Laboratories	Bangalore
397	Exploration of carbon fiber composite for drive shaft on light vehicles	P. Viswanth	K. Ramakrishnan College of Technology	Trichy