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IJIDEM (International Journal on Interactive Design and Manufacturing)

S.NO	Manuscript Number	Author Names	Affiliation	Paper Title	Registered Status
1	IJDM-D-22-00571R1	Martin Murithi, James N Keraita, Japheth Oirere Obiko, Fredrick Madaraka Mwema, Job Maveke Wambua, Tien-Chien Jen,	University of Johannesburg SOUTH AFRICA	Optimisation of the Swinging Jaw Design for a Single Toggle Jaw Crusher using finite element analysis	Un Registered

2	IJDM-D-22-00600R1	Temitayo M Azeez, Lateef O. Mudashiru, Omolayo Michael Ikumapayi, Tesleem B Asafa, Adeyinka S Yusuff, Esther T Akinlabi,	Afe Babalola University Ado Ekiti, NIGERIA	Effects of temperature, die angle and number of passes on the extrusion of 6063 aluminium alloy: Experimental and Numerical Study	Un Registered
3	IJDM-D-22-00627R2	Sachin Manohar Shinde, Mohit Diwan, Ramendra Singh Niranjana, Shubhagi Vaikole, Ramesh Raju,	Datta Meghe College of Engineering NAVI MUMBAI, MAHARASHTRA INDIA	Geometric Optimization of Compressor Head Fin Body for Effective Heat Transfer by Finite Element Method	Un Registered
4	IJDM-D-22-00624R1	Arpan Kumar, Apurba Kumar Roy, KAUSHIK KUMAR	Birla Institute of Technology Ringgold ID 28698 Ranchi, Jharkhand INDIA	Heat Conduction in an Orthotropic Material – Numerical Analysis using Python	Un Registered
5	IJDM-D-22-00575R1	Dharmender Singh Saini, S. P. S. Matharu,	NIT Raipur: National Institute of Technology Raipur	Developing a mathematical model and an optimal artificial neural network to predict the thermal conductivity of zirconium oxide nanolubricant by comparing experimental and numerical data	Registered
6	IJDM-D-22-00539R2	Manish Chaturvedi	RTU: Rajasthan Technical University	Vibration Analysis of EFGM beam using GDQ method	Registered

7	IJDM-D-22-00552R1	S Chandrika, Hemanth Kumar, Vishwas Mahesh	Siddaganga Institute of Technology INDIA	Physio-Mechanical Characterization of Kenaf/Saw Dust Reinforced Polymer Matrix Composite and Selection of Optimal Configuration Using MADM-VIKOR Approach	Registered
8	IJDM-D-22-00582R1	Santosh Kumar Sahu, P. S. Rama Sreekanth	Vellore Institute of Technology - Amaravati Campus: VIT-AP CampusRinggold ID 542655 Amaravati, Andhra Pradesh INDIA	Multiscale RVE modeling for assessing effective elastic modulus of HDPE based polymer matrix nanocomposite reinforced with nanodiamond	Registered
9	IJDM-D-22-00719	Praveen Kumar Gandla, Sandeep Pandre, Vamshi Sammeta, Satyanarayana Kosaraju	Gokaraju Rangaraju Institute of Engineering and Technology Ringgold ID 207739 INDIA	Stretch Flangeability Analysis of Heat Treated Dual Phase Steel Alloy Sheet	Un Registered
10	IJDM-D-22-00652R1	Shafi Khurieshi Mohammed, Mathias Hauan Arbo, Lars Tingelstad	Norwegian University of Science and Technology: Norges teknisk-naturvitenskapelige universitet Trondheim, NORWAY	Using Semantic Geometric Dimensioning and Tolerancing (GD&T) Information from STEP AP242 Neutral Exchange Files for Robotic Applications	Un Registered

AMM (Archives of Metallurgy and Materials)

S.NO	AMM ID	Author Names	Affiliation	Paper Title	Registered Status
1	AMM-00175-2022-02	Shalok Bhartia, Nilesh D. Ghetiyaa*, Kaushik M. Patela	Department of Mechanical Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat-382481- India	A study on the influence of reinforcement volume on AA5083/(SiC-Gr) hybrid surface composite developed by friction stir processing	Registered
2	AMM-00250-2022-01	V.S.S Venkatesh, Ashish B Deoghare	Department of Mechanical Engineering, National Institute of Technology Silchar, Assam, India	Susceptor-assisted rapid microwave sintering of Al- kaolin composite in a single-mode cavity	Registered
3	AMM-00179-2022-02	Rahul Chandra Pradhan, Diptikanta Das*, Barada Prasanna Sahoo, Chiranjeeb Rout, Akash Panda, Evangelin Barla	School of Mechanical Engineering, KIIT Deemed to be University, Bhubaneswar-751024, India	Machining investigations of squeeze cast TIB2/Al 7075 composites through EDM: regression modelling and weighted principal component analysis	Registered
4	AMM-00205-2022-01	Akash Sharmaa,b*, Vijay Kumar Dwivedic ,Yesh Pal Singhd	Ph.D Scholar-Department of Mechanical Engineering, GLA University Mathura, India	The Effect of Different Conditions on the Tensile Properties of AA7075-T6 During the Friction Stir Welding Process	Registered
5	AMM-00171-2022-02	P. O. Omoniyi1,5*, R. M. Mahamood2,5, S. A. Akinlabi3, and E. T. Akinlabi4,5	Department of Mechanical Engineering Science, University of Johannesburg Johannesburg, South Africa.	TIG Welding of Ti6Al4V: Effect of Ti6Al4V ELI as Filler Metal	Un Registered

6	AMM-00217-2022-01	Jayahari Lade a,Baloji Dharavatha,Anand Badrishb ,Satyanrayana Kosarajuc ,Swadesh Kumar Singh c	Department of Mechanical Engineering, KG Reddy College of Engineering & Technology, Hyderabad 500075, India	Evolution and Characterization of Zirconium 702 alloy at various temperatures	Registered
7	AMM-00201-2022-02	Rajesh Purohit1, M.M.U. Qureshi2, Ashish Kumar Bhaskar2, Abhishek Mishra3 and R. S. Rana4	Professor, Mechanical Engineering Department, MANIT, Bhopal, India-462003	Fabrication and Characterization of Al6061-Nano Al2O3 Composites by Ultrasonic Assisted Stir Casting followed by Heat Treatment and Hot Forging	Registered
8	AMM-00154-2022-02	V.S.S Venkatesh, Ashish B Deoghare	Department of Mechanical Engineering, National Institute of Technology Silchar, Assam, India	Characterization of Microwave Sintered Aluminium composite reinforced with Hydroxyapatite derived from Labeo rohita fish scales	Registered
9	AMM-00200-2022-02	Anurag Namdeva*, Rajesh Purohitb, Amit Telange & Ashish Kumard	Research scholar, Department of Mechanical Engineering, Maulana Azad National Institute of Technology, Bhopal, Madhya Pradesh, India.	Fabrication and different Characterization of Graphene reinforced epoxy nano composites	Registered
10	AMM-00198-2022-02	Ashish Kumara*, Ravindra Singh Ranab, Rajesh Purohitc & Anurag Namdevd	Research scholar, Department of Mechanical Engineering, Maulana Azad National Institute of Technology, Bhopal, Madhya Pradesh, India	Optimization of T-6 cycle and Characterization of Si3N4 reinforced high strength AA7068 metal matrix composites	Registered