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BEST PAPER AWARD

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SELECTED BEST PAPERS IN RIPE 2017	
SESSION 1 – MACHINING	
Sl.No	TITLE OF MANUSCRIPT
1.	Machining Improvement of Aluminum-Steel Alloy through Optimization of Cutting Parameters <i>D. Srinivas Rao, Krishanaiah, Y. Krishna and Syed Adil</i>
2.	Influence of Process Parameters of Laser Beam Machining on Machining AISI 304 SS <i>Ravi Akash, Dilip Kumar R., Shravan K., Muthuramalingam T. and Vasanth S.</i>
3.	Experimental Investigation Of Tool Wear In High Speed Drilling Of Ti-6al-4v Alloy Under Different Lubricating Conditions <i>S.Hari Chealvan, Selvarajan V.Krishnaraj Vijayen</i>
4.	Study on Thrust Force and Torque in High Speed Drilling of Titanium Alloy <i>S Krithikraj, K S Divya Prakash, R Dhivakar, S Gowrimanoharan, V Krishnaraj, S Hari Chealvan</i>
SESSION 2 – METAL MATRIX COMPOSITES	
1	Influence of melt temperature on the formation of in-situ TiB ₂ particle in Al/TiB ₂ composite by aluminothermic reduction process <i>A.S.Vivekananda, S. Balasivanandha Prabu, R. Paskaramoorthy</i>
SESSION 3 – POLYMER MATRIX COMPOSITES	
1.	Scope Of Sterculia Foetida In Composites <i>V.P.Vignesh , M. Omkumar , S. Anandakumar</i>
2.	Fabrication and Study of Mechanical Characteristics of Polycarbonate/Acrylonitrile Butadiene Styrene Composite Reinforced with Graphite Powders <i>A. Inbaoli, P. K. Palani</i>
3.	Effect of 0.5 wt. % AMWCNTs addition on the Fracture Behaviour of Epoxy and Epoxy-Carbon Fiber-Reinforced Composites <i>K. Chandra Shekar, B. Anjaneya Prasad and N. Eswara Prasad</i>
4.	Tribological Analysis Of Graphene Oxide Reinforced Hybrid Polyamide Bearings Under Radial Loading Conditions In Dry Rolling Contact Behaviour <i>Geetha Rajamani, Jawahar Paulraj</i>
SESSION 4A - MODELLING AND SIMULATION	
1.	Modeling and Implementation of 3 Degree-of-Freedom Customized Haptic Device for Skin Surgical Simulation <i>Sabique P.V, R. Sivaramakrishnan, P.Karthikeyan</i>
2.	Numerical Modeling Of Temperature Distribution And Material Removal Rate In Electric Discharge Machining <i>Kathiravan S , Pradeep kumar J</i>

3.	Simulation of vertical and inclined loading of a plywood platform on soft soil <i>T.Chowdhury, D.Sathianarayanan, S.B.Pranesh, K.N.V.V.Murthy, K.V.Reshma, S.Ramesh, G.A.Ramadass</i>
SESSION 4B&C - MATERIALS – THERMAL STUDIES & PRODUCTION MANAGEMENT	
1.	Synthesis and Experimental Analysis of Novel TiO ₂ -Nanographene Nano Fluids for Thermal Enhancement in Flat Plate Heat Pipes <i>P.Pandiyaraj, A.Gnanavelbabu, P.Saravanan</i>
SESSION 5 - METAL JOINING	
1.	<i>Investigations on joint interfaces of dissimilar friction stir spot welded Al/Cu joints</i> <i>S. Siddharth, T. Senthilkumar</i>
2.	On the Issues of Surface Strain in Friction Stir Welding of AA6061-T6 <i>Krishnapada Sinha, Tanmoy Medhi, Barnik Saha Roy, Subhash Chandra Saha</i>
3.	Scale down approach to solve distortion problem in case of wind turbine tower fabrication <i>M. Sarfudeen, R. Pradnyesh Prabhu and S. Muthukumaran</i>
4.	Effect of Friction Stir Processing on Microstructure and Dry Sliding Wear Behaviour of Al/TiO ₂ Composite <i>V. K. S. Jain, S.Muthukumaran</i>

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