

**International Conference on  
Recent Advances in Mechanical Engineering Research and Development  
(ICRAMERD-20)**

**Best Paper Award**

<b>Technical Session</b>	<b>Manuscript ID</b>	<b>Presenting Author</b>	<b>Paper Title</b>
TS-1	MS-006	Soumya Saswati Sarangi	Study of Young's Modulus of Metal Nanowires using Classical Molecular Dynamics Simulations
TS-2	MS-022	Viresh Kumar	Enhancement of Electrochemical properties of Carbon Solution Doped Bismuth Ferrite for Supercapacitor Application
TS-3	ME-008	Lalatendu Pattanayak	LNG cold energy utilization in a proposed method for performance enhancement of gas/steam turbine CCPP
TS-4	ME-021	Shailesh Kumar Sarangi	Effect of Tube Shape on Thermo-fluid Performance of a Winglet Supported Fin-and-tube heat Exchanger Having Staggered Tubes
TS-5	ME-037	Shubhamshree Avishek	Sensitivity Analysis of Critical Parameters Affecting the Efficacy of Microwave Thermal Ablation on Lungs
TS-6	ME-054	Digvijaya Panda	Detection of Inadequate Lubrication in ID Fan of a Super Thermal Power Plant Using Vibration Analysis
TS-7	ME-055	L. M. Satapathy	Performance analysis of various DC-DC converters in PV based micro grid environment
TS-8	ME-069	Alok Kumar	Hydrodynamic Behavior of Sawdust in a Pressurized Fluidized Bed
TS-9	MS-039	Krishna Chaitanya	Creep behavior of polycrystalline Al (metal)-Cu50Zr50 (metallic glass) cold welds
TS-10	ME-086	Abinash Mahapatro	Effect of specularity co-efficient on bed hydrodynamics and heat transfer characteristics of a PCFB riser

TS-11	MANU-011	Sudhansu Ranjan Das	Analysis on tool vibration in hard turning of AISI D3 steel using new-generation SiAlON ceramic cutting inserts
TS-12	MANU-024	Muvvala Gopinath	A study on the influence of cooling rate on evolution of microstructure in laser surface remelting of Inconel 718
TS-13	MANU-045	Debasmita Mishra	The effect of voids on physical and mechanical properties of hybrid polyester composites
TS-14	MANU-054	Rashmi Ray	Mechanical, Thermal, Moisture Absorption and Biodegradation Behaviour of Date Palm Reinforced PVA/ Starch Hybrid Composites
	MANU-055	K.K. Mahapatra,	Multi-objective optimization of EDM process parameters during machining of AISI P-20 tool steel
TS-15	MANU-059	Bibhu Kalyan Panda	2D thermal model of laser cladding process of Inconel 718