



**International Conference on Futuristic Trends in Materials & Manufacturing 2018  
( ICFTMM-2018 )**



Organized by  
Department of Mechanical & Automation  
Delhi Technical Campus, Greater Noida

<b>Programme Schedule</b>		<b>26th October ( Friday )</b>	<b>Venue</b>
9:30 A.M. - 10:00 A.M.	<b>Registration</b>		Reception Desk
10:00 A.M. - 11:00 A.M.	<b>Inaugration ceremony</b>		Auditorium
11:00 A.M. - 11:30 A.M.	<b>High Tea</b>		
11:35 P.M. - 12:05 P.M.	<b>Plenary Talk-1 by Dr. Asanga Ratnaweera, Professor, Mechanical Engineering Department, University of Prudenia, Srilanka</b>		Auditorium
12:10p.m - 12:45 p.m.	<b>Plenary Talk-2 by Dr. Inderdeep Singh, Professor, Mechanical &amp; Industrial Engineering Department, IIT Roorkee, India</b>		Auditorium
12:50 P.M. - 01:30 P.M.	<b>LUNCH</b>		Seminar Hall
1:30 P.M. - 3:30 P.M.	ME 05 Optimization Related Studies on the Operational Parameters of Friction Stir Welding: An Overview ME 06 THERMAL MODELLING OF BERYLLIUM COPPER ALLOY C-17200 FOR ELECTRIC DISCHARGE ME 07 Experimental and Numerical Procedure for studying effect of ultrasonic spot weld parameters on metal joints for electronic components ME 08 Current Research Issue, Trend & Applications of Mg Matrix composite: A Review ME 10 Micro Electrical Discharge Machining for Machining Mi-cro Holes ME 15 Comparative Study of Particulate-Erosion Phenomena between Elbow and Target Tee in Pipe Flow ME 16 Fracture Toughness of Symmetric and Asymmetric Layup GFRP Laminates by Numerical Methods ME 17 Nd: YVO4 Laser Welding of Two Transparent Polymers in Lap Joint Configuration ME 19 Optimization Related Studies of Metal Matrix Composites during Electrical Discharge Machining: A State of the Art Review ME 21 Tribological performances of woven carbon fabric/epoxy composites under dry and oil lubrication condition: An Experimental Investigation ME 22 Investigation of Mechanical Properties of A6082-SiC-ZrO2 Hybrid Composite by Stir and Squeeze Casting ME 23 Effect of stacking sequence and fiber volume fraction on the static mechanical properties of woven GFRP composites ME 41 Natural convection heat transfer from circular finned helical coil heat exchanger in air ME 42 AN INVESTIGATION OF RESPONSIVENESS IMPACT ON PRODUCTIVITY IMPROVEMENT IN INDIAN MSME ME 44 [ZnX4]2- [R]2+ Hybrid Materials: Structural and Optical Studies ME 46 Friction Stir Welding of AA 8011: Mechanical and Microstructure behavior ME 47 SUPPLIER SELECTION USING Fuzzy-AHP: A CASE STUDY ME 48 Study the effects of input process parameters in V-bending die on springback/go for different aluminium alloys using Taguchi approach ME 37 Effect of filler parameters on the mechanical properties of wheat husk filled polystyrene composite ME 35 Numerical Simulation of GFRP Laminate under Low Velocity Impact at Different Edge Constrained Boundary Conditions ME 49 APPLICATION OF MULTI-CRITERIA DECISION MAKING TECHNIQUES ON REAL PRACTICAL PROBLEMS- A REVIEW		Auditorium
3:30 P.M. - 4:00 P.M.	<b>High Tea</b>		
<b>Programme Schedule</b>		<b>27th October (Saturday)</b>	
9:30 A.M. - 10:00 A.M.	<b>Registration</b>		Reception Desk
10:00 - 10:30 A.M	<b>Plenary Talk-3 by Prof. Dharam Buddhi, Vice Chancellor, Suresh Gyan Vihar University, Jaipur</b>		Auditorium
10:40 - 11:20 A.M	<b>Plenary Talk- 4 by Dr. Parmendra K. Bajpai, Associate Professor, Manufacturing &amp; Automation Engineering Division, NSIT, Delhi University</b>		
11:30 P.M - 12:00 P.M	<b>High Tea</b>		
12:00 p.m. - 1:30 p.m.	ME 01 Dry sliding wear behaviour of Aluminium metal Matrix Based Functionally Graded Materials Reinforced with Alumina Particles ME 20 Wear characteristics of untreated and alkali treated rice husk-epoxy bio-composite ME 24, Effect of Span-to-Depth Ratio on the Flexural Properties of Woven Neat Epoxy/Glass Fiber-Reinforced Polymer ME 25, Dehumidification of Maize in Desiccant dryer using Thermal Imaging ME 26, Thermo-mechanical modelling of friction stir welding of high strength Aluminium alloy 7075 T651 ME 30, Full Factorial Design Approach on Parametric Optimization and Modeling of Car Suspension System ME 31, Green-machining characteristics study and comparisons in meso-scale end-milling of AISI-1055 & AISI-4340 steels ME 33, Experimental Investigation and Optimization of EDM Process Parameters in Machining of Stainless Steel s-32760 using Taguchi Method ME 34, Influence of oblique impact on glass fiber reinforced polymer composites: A numerical approach ME 39, By Pass Flow Meter for Sloped Pipelines ME 43 Effect of filler parameters on the mechanical properties of wheat husk filled polystyrene composite ME 40, Numerical Simulation of GFRP Laminate under Low Velocity Impact at Different Edge Constrained Boundary Conditions		Auditorium
1:30 P.M. - 2:00 P.M.	<b>Lunch</b>		Seminar Hall
2:00 P.M - 3:00 P.M.	<b>Valedictory</b>		Auditorium