

LIST OF SELECTED PAPERS FOR COPE-2016

<u>Sr. No.</u>	<u>Paper ID.</u>	<u>Title</u>	<u>Tentative schedule</u>
1.	COPE-05_2016	EFFECT OF ABRASIVE (Fe ₃ O ₄) PARTICLE SIZE ON THE SURFACE ROUGHNESS OF ALUMINIUM (A6063) PIPE USING MAGNETIC ASSISTED FINISHING	8 th October, 2016 Session -1
2.	COPE-07_2016	Rapid Prototyping Techniques for fabrication of Open Cell Porous Metallic Structures and their strength enhancement A Review	8 th October, 2016 Session -1
3.	COPE-09_2016	Study the Effect of Abrasives (Al ₂ O ₃ & SiC) in Ultrasonic Machining of Plain Glass	7 th October, 2016 Session -1
4.	COPE-10_2016	Influence of Cryogenic Treatment on toughness (CVN) and Hardness of Hot Die Steel (AISI-H11)	7 th October, 2016 Session -1
5.	COPE-11_2016	Hardness Testing of Friction Stir Welded AA1200 Aluminium Alloy	—————
6.	COPE-12_2016	ENHANCEMENT of MACHINING PERFORMANCE WITH CRYO-TREATED HSS TOOL	8 th October, 2016 Session -1
7.	COPE-13_2016	EXPERIMENTAL INVESTIGATION TO EVALUATE THE DIAMETERAL COMPRESSIVE STRENGTH OF GREEN SPECIMEN	7 th October, 2016 Session -1
8.	COPE-14_2016	Enhancement of Material Removal Rate by Using Cryogenically Treated Wire in Wire EDM Process	8 th October, 2016 Session -1
9.	COPE-15_2016	Effect of Cryogenically Treated Wire on Surface Roughness in Wire EDM Process	8 th October, 2016 Session -1
10.	COPE-16_2016	A Study on Natural Fiber Polymer Composite	7 th October, 2016 Session -2
11.	COPE-17_2016	PROCESS IMPROVEMENT AND SETUP TIME REDUCTION IN MANUFACTURING INDUSTRY A CASE STUDY	7 th October, 2016 Session -2
12.	COPE-18_2016	Evaluation of Slurry Erosion Wear of HVOF Sprayed WC-12Co Coatings	8 th October, 2016 Session -3
13.	COPE-19_2016	Enigma of Quality Control Tools in Manufacturing Industry of Northern India-A Case Study	7 th October, 2016 Session -2
14.	COPE-23_2016	Experimental Investigation for Shore Hardness of ABS Replicas Fabricated by Fused Deposition Modelling and Vapor Smoothing Process	7 th October, 2016 Session -1
15.	COPE-24_2016	Effect of process parameters on Ra of FDM fabricated and Vapor Smoothed ABS Replicas	7 th October, 2016 Session -1
16.	COPE-28_2016	Comparison of post processing techniques for improving surface roughness of ABS replicas developed on FDM	—————
17.	COPE-29_2016	Effect of annealing on surface roughness of additively manufactured plastic parts a case study	8 th October, 2016 Session -3
18.	COPE-30_2016	Multi-response optimization using grey-fuzzy methodology for pure titanium in finish cut WEDM	—————
19.	COPE-41_2016	ABRASIVE WEAR BEHAVIOR OF PLASMA NITRIDED EN-31 STEEL	8 th October, 2016 Session -2
20.	COPE-42_2016	EXPERIMENTAL INVESTIGATION ON MODELLING OF GREEN MANUFACTURING GRINDING PROCESS	8 th October, 2016 Session -1
21.	COPE-45_2016	Some Investigations into Metal Matrix Composite Leaf Spring	7 th October, 2016 Session -2
22.	COPE-46_2016	Development of Natural Fiber Reinforced Fully Biodegradable Composite Rod	7 th October, 2016 Session -2

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23.	COPE-47_2016	Experimental Studies in Fine Finishing of Balls	7 th October, 2016 Session -1
24.	COPE-48_2016	Non-destructive Techniques for Corrosion Monitoring in RC structural members	8 th October, 2016 Session -2
25.	COPE-49_2016	INFLUENCE OF MINIMUM QUANTITY LUBRICATION ON CUTTING TEMPERATURE IN DRILLING OF PLAIN CARBON STEEL (EN8 STEEL)	8 th October, 2016 Session -2
26.	COPE-50_2016	Assessment of lean tools implementations in Auto Parts Industries of Ludhiana	8 th October, 2016 Session -2
27.	COPE-51_2016	Development and Characterization of Natural Fiber Reinforced Composites	8 th October, 2016 Session -2
28.	COPE-52_2016	EXPERIMENTAL INVESTIGATION OF THE EFFECT OF ENVIRONMENTAL CONDITIONS DURING HARD TURNING OF AISI 4340 STEEL WITH CBN INSERTS	8 th October, 2016 Session -2
29.	COPE-53_2016	Influence of Cutting Parameters on Surface Roughness in turning of Inconel 718 with Coated carbide tools	8 th October, 2016 Session -2
30.	COPE-54_2016	MINIMUM QUANTITY LUBRICATION (MQL) MILLING OF STAINLESS STEEL 304 USING COATED CARBIDE TOOL INSERTS	_____
31.	COPE-55_2016	High Temperature Erosion of Thermal Spraying Processes on AISI-310 Boiler Steel Substrate	7 th October, 2016 Session -2
32.	COPE-56_2016	EFFECT OF FIBRE VOLUME FRACTION ON DYNAMIC PROPERTIES OF GLASS FIBRE REINFORCED POLYMER (GFRP) COMPOSITE MATERIAL	7 th October, 2016 Session -1
33.	COPE-57_2016	Automated Maintenance Plan for Thermal Power Plant: A Case Study	7 th October, 2016 Session -2
34.	COPE-58_2016	Investigations for tensile strength of biocompatible FDM feedstock filament	8 th October, 2016 Session -1
35.	COPE-59_2016	Effect of reinforcement on thermal and mechanical behaviour of recycled HDPE	8 th October, 2016 Session -1
36.	COPE-60_2016	Experimental investigation for mechanical properties of polyvinyl chloride feed stock filament prepared with twin-screw extruder	8 th October, 2016 Session -3
37.	COPE-61_2016	A framework for welding of dissimilar polymers by using metallic fillers	8 th October, 2016 Session -3
38.	COPE-62_2016	Thermal characterisation of recycled HDPE reinforced with Al ₂ O ₃	7 th October, 2016 Session -2
39.	COPE-63_2016	Study the Machining Performance of EN 36 Steel under Different Cutting Conditions	8 th October, 2016 Session -2
40.	COPE-64_2016	Surface Roughness Evaluation In Turning Of En31 Steels By Using Different Cooling Methods	8 th October, 2016 Session -3