

LIST OF SELECTED PAPERS FOR COPE-2016

| <u>Sr. No.</u> | <u>Paper ID.</u> | <u>Title</u> | <u>Tentative schedule</u> |
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| 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 |
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| 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 |