

## List of Best Papers of COPEN 2019

Category	Paper ID	Name	Title	Affiliation
Precision manufacturing	011	Sooraj S	UNDERSTANDING THE MECHANISM OF NANOSECOND AND SUBNANO SECOND LASER-ASSISTED MICRO-SCRIBING OF CU THIN FILMS IN SALT SOLUTION.	ENGINEERING DESIGN DEPARTMENT, IIT, MADRAS.
	1566232321	Mahavir Singh	MICRO-DIMPLES ARRAY FABRICATION ON CYLINDRICAL SURFACES USING MICRO-EDM PROCESS.	MECHANICAL ENGINEERING DEPARTMENT, IIT, KANPUR
Material processing for precision Engineering	1563208226	Apurbba Kumar Sharma	ON MICROSTRUCTURAL AND MECHANICAL PROPERTIES OF 21-4-N NITRONIC STEEL JOINT DEVELOPED USING MICROWAVE ENERGY	MECHANICAL ENGINEERING, IIT, ROORKEE.
	1568109472	Akshay Chaudhari	EFFECT OF SURFACE-ACTIVE MEDIA IN MICROMACHINING OF COPPER.	DEPARTMENT OF MECHANICAL ENGINEERING, NATIONAL UNIVERSITY OF SINGAPORE.
Emerging Manufacturing Technique	022	Jinka Ranganayakulu	EXPERIMENTAL INVESTIGATIONS ON THE EFFECT OF HIGH-SPEED HELICAL TOOL DIAMETER IN ELECTROCHEMICAL DISCHARGE MACHINING.	DEPARTMENT OF MECHANICAL ENGINEERING, RV COLLEGE OF ENGINEERING, BENGALURU.
	008	Enni Krishna	MATERIAL REMOVAL RATE COMPARATIVE STUDY FOR MEDIUM PRESSURE PLASMA PROCESSING OF FUSED SILICA.	DEPARTMENT OF MECHANICAL ENGINEERING, INDIAN INSTITUTE OF TECHNOLOGY, GUWAHATI.
Multiscale modelling and manufacturing	1564984170	Vishwas Divse	FEM-BASED MODELING OF BLUNT NOTCH STRENGTH OF GLARE 3/2-0.3 LAMINATE.	DEPARTMENT OF MECHANICAL ENGINEERING, INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY.
	1565857086	Kundan Singh	DETERMINATION OF MODAL PARAMETERS OF MICRO END MILLS USING TAPERED BEAM THEORY.	DEPARTMENT OF MECHANICAL ENGINEERING, BITS-PILANI, HYDERABAD CAMPUS.
Micro Mechatronics	1560342945	Bipul Das	ARTIFICIAL INTELLIGENCE BASED DEFECT FORMATION TENDENCY PREDICTION IN FRICTION STIR WELDING.	DEPARTMENT OF MECHANICAL ENGINEERING, NATIONAL INSTITUTE OF TECHNOLOGY, SILCHAR.

Smart Manufacturing	1563132403	Dr.Amit kumar jain	INFLUENCE OF THE IMPERFECT PROGNOSTICS ON MAINTENANCE DECISION.	DEPARTMENT OF ENGINEERING, INSTITUTE FOR MANUFACTURING, UNIVERSITY OF CAMBRIDGE.
Short presentation	1560583894	Umesh Sahebrao Patil	METALLURGICAL AND MICROSTRUCTURE ANALYSIS OF SMAW PROCESS FOR JOINING STAINLESS 304 WITH MILD STEEL 1018.	DEPARTMENT OF MECHANICAL ENGINEERING, DEOGIRI INSTITUTE OF ENGINEERING AND MANAGEMENT STUDIES, AURANGABAD.
	1565805624	Siddhartha Kar	MICRO DRILLING OF STAINLESS STEEL BY MICRO ELECTRICAL DISCHARGE MACHINING AND ITS PARAMETRIC OPTIMIZATION.	DEPARTMENT OF MECHANICAL ENGINEERING, NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR, ASSAM.
	026	Vinod Pare	DYNAMIC COMPRESSION BEHAVIOR AND MODELING OF AN ALUMINUM ALLOY.	SGSITS, INDORE
	013	V. Ezhilmaran1	LASER SURFACE TEXTURING AND HYDROPHOBICITY ON NICKEL-ALUMINIUM-BRONZE ALLOY.	DEPARTMENT OF MECHANICAL ENGINEERING, MEPCO SCHLENK ENGINEERING COLLEGE.
Best DEMO	IIT Bombay	Aniket Shashikant Adsule	CONDITION BASED MAINTENANCE LEARNING USING SMART ALGORITHM.	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY.
	Acropolis institute	Ashutosh pandey, Rhytham patel, Tejasvi soni, Amod joshi	ECO CART	ACROPOLIS INSTITUTE
	SGITS Indore	Devansh mangal, Abhijeet sinha & Team	EFFICYCLE	SGITS INDORE