11th COPEN-2019 Schedule

Day 1: December 12, 2019 (Thursday)						
08:00-09:30	**Registration & Breakfast**					
09:30-10:15	**Technical Inauguration *(Formal Inauguration + Keynote Lecture-1)* (Venue-Chromium Building-105)**					
10:15-10:45	***Invited Talk- Mr. Harish Bajaj, Mitutoyo*** ***Title of the Talk- Future Solution in Micro and Nano Metrology***					
10:45-11:15	***Keynote Lecture-1* Dr. Satish T Bukkapatanam, Texas A and M University, USA.** **(Venue-Titanium Building-201)** ***Title of the Talk- Recent Advances in Data Science and AI for Industry 4.0***					
11:15-11:25	***Felicitation to the Sponsors***					
11:25-11:45	**High Tea**					
11:45-13:00	**Oral & Short Presentation (Parallel Sessions)**					
Venue	**Manganese-201**	**Manganese -202 (A)**	**Manganese -203**	**Manganese -204**	**Manganese – 202 (B)**	**Manganese - 205**
(Session-1)	**A-1** Materials Processing for Precision Engineering	**B-1** Multiscale Modelling and Manufacturing	**C-1** Precision Manufacturing	**D-1** Micro Mechatronics + Emerging Manufacturing Techniques	**S1- Short Presentations**	**S-2 Short Presentations**
13:15-14:15	**Lunch Break & Poster Session *(Parallel)***					
14:15-14:45	**Industry Talks *(3 no.) (10 min each)* (Venue-Titanium Building-201)**					
14:45-15:15	***Keynote Lecture-2* Prof. Natalia Resnina, St. Petersburg University, Russia** **(Venue-Titanium Building-201)** ***Title of the Talk- Shape Memory Alloys***					
15:15-15:45	***Keynote Lecture-3* Dr. Ritwik, Intel Corporation, USA** **(Venue-Chromium Building-105)** ***Title of the Talk- Evolution of Bump Metrology in Substrate Packaging***					
15:45-16:15	**High Tea**					
16:15-18:00	**Oral Presentation (Parallel Sessions)**					
Venue	**Manganese -201**	**Manganese -202 (A)**	**Manganese -203**	**Manganese -204**		
(Session-2)	**A-2** Materials Processing for Precision Engineering	**B-2** Multiscale Modelling and Manufacturing	**C-2** Precision Manufacturing	**D-2** Emerging Manufacturing Techniques		
18:00-18:30	**Break**					
18:30-19:00	**Outreach Talk:- Dr. Sendhil Raja, RRCAT (Venue-Titanium Building-201)** ***Title of the Talk- Ultra-precision Technology in Fundamental Sciences***					
19:30-21:30	**Conference Dinner**					

11th COPEN-2019 Schedule

Day 2: December 13, 2019 (Friday)						
08:00-09:00	**Registration & Breakfast**					
09:00-09:45	***Keynote Lecture-4* Dr. Ajit Parlikad,** **University of Cambridge (Venue-Titanium Building-201)** ***Title of the Talk- Asset Management in the Digital Age.***					
09:45-10:30	***Keynote Lecture-5* Prof. M. Okazaki, Nagaoka University of Technology, Tomioka, Nagaoka, Japan** **(Venue-Titanium Building-201)** ***Title of the Talk- Analysis of Fretting Fatigue Failure Behaviours of Ni-Base Superalloys and Titanium Alloy***					
10:30-10:45	**High Tea**					
10:45-12:30	**Oral & Short Presentation (Parallel Sessions)**					
Venue	**Manganese -201**	**Manganese -202 (A)**	**Manganese -203**	**Manganese -204**	**Manganese – 202 (B)**	**Manganese - 205**
(Session-3)	**A-3** Materials Processing for Precision Engineering	**B-3** Multiscale Modelling and Manufacturing	**C-3** Precision Manufacturing	**D-3** Smart Manufacturing or Industry 4.0	**S3- Short Presentations**	**S-4 Short Presentations**
12:45-14:00	**Lunch Break & Poster Session *(Parallel)***					
14:00-14:30	**Industry Talks *(3 no.) (10 min each)* (Venue-Titanium Building-201)**					
14:30-15:15	***Keynote Lecture-6* Prof. Daisuke Nakamura, Kyushu University, Fukuoka, Japan** **(Venue-Titanium Building-201)** ***Title of the Talk- Laser-assisted fabrication of semiconductor nano/micro crystals***					
15:15-16:00	***Keynote Lecture-7* Prof. Hiroshi Inokawa, Shizuoka University, Hamamatsu, Japan** **(Venue-Titanium Building-201)** ***Title of the Talk- Nanometer-Scale Photodetectors: Opportunities and Challenges***					
16:00-16:30	**High Tea**					
16:30-18:00	**Oral Presentation (Parallel Sessions)**					
Venue	**Manganese -201**	**Manganese -202 (A)**	**Manganese -203**	**Manganese -204**		
(Session-4)	**A-4** Materials Processing for Precision Engineering	**B-4** Multiscale Modelling and Manufacturing	**C-4** Precision Manufacturing	**D-4** Precision Manufacturing		
18:00-18:30	**Break**					
18:30-21:00	**Cultural Program**					
21:00-22:30	**Banquet Dinner**					

11th COPEN-2019 Schedule

Day 3: December 14, 2019 (Saturday)						
08:00-09:00	**Registration & Breakfast**					
09:00-09:45	***Keynote Lecture-8* Prof. Shyam S. Pandey, Kyushu Institute of Technology, Japan (Venue-Titanium Building-201)** ***Title of the Talk- Nanomolecular Self-Assembly Control of Organic Semiconductors & Their Visualization by 2D Positional Mapping***					
09:45-10:30	***Keynote Lecture-9* Prof. Takaki Manaka, Tokyo Institute of Technology, Tokyo, Japan (Venue-Titanium Building-201)** ***Title of the Talk- Spectroscopic Operand Measurements for Studying the Organic Semiconductor Devices and Materials***					
10:30-10:45	**High Tea**					
10:45-12:45	**Oral Presentation (Parallel Sessions)**					
Venue	**Manganese -201**	**Manganese -202 (A)**	**Manganese -203**	**Manganese -204**	**Manganese – 202 (B)**	**Manganese - 205**
(Session-5)	**A-5** Materials Processing for Precision Engineering + Emerging mfg. techniques	**B-5** Multiscale Mod. and Mfg. + Materials Proc. for Precision Engineering + Emerging mfg. techniques	**C-5** Precision manufacturing + Micro Mechatronics	**S-5 Short Presentations**	**S-6 Short Presentations**	**D-5 Reserved for late papers, late participants, late entries and/or special requests, and spot registrations**
13:00-14:00	**Lunch Break**					
14:00-15:00	**Panel Discussion**					
15:00-15:30	**Valedictory Function and Prize Distribution (Venue-Chromium Building-105)**					
15:30-16:00	**High Tea**					

Day 1: December 12, 2019 (Thursday)						
11:45-13:00	**Oral & Short Presentation (Parallel Sessions)**					
Venue	**Manganese Building-201**	**Manganese Building-202 (A)**	**Manganese Building-203**	**Manganese Building-204**	**Manganese Building-202 (B)**	**Manganese Building-205**
(Session-1)	**A-1** Materials Processing for Precision Engineering (07) 1560239099, 1560341817, 1560516859, 1560595155, 1560879702, 1568057289, 008	**B-1** Multiscale Modelling and Manufacturing (07) 1560437983, 1562179567, 1563184030, 1563189447, 1564984170, 1565416920, 1568980549	**C-1** Precision Manufacturing (07) 1558889909, 1559035937, 1560517684, 1560586301, 1560598388, 1560600179, 1560614935	**D-1** Micro Mechatronics (02) + Emerging Manufacturing Techniques (05) 1565594272, 1565873966, 1559279768, 1560342945, 1560518998, 1564403773, 1565427498	**S1- Short Presentations (10)** 1559717259, 1560094948, 1560245948, 1560368185, 1560531508, 1568092957, 1562776499, 1564652424, 1565628030, 1565847147	**S-2 Short Presentations (10)** 1557988539, 1562004094, 1562567801, 1564966373, 1565268564, 1565585664, 1565804586, 1565850691, 026, 029

16:15-18:00	**Oral Presentation (Parallel Sessions)**			
Venue	**Manganese Building-201**	**Manganese Building-202 (A)**	**Manganese Building-203**	**Manganese Building-204**
(Session-2)	**A-2** Materials Processing for Precision Engineering (08) 1565863824 (I), 1561022867, 1562485160, 1563422981, 1563208226, 1565855628, 1565328195, 1565863824 (II),	**B-2** Multiscale Modelling and Manufacturing (08) 1565724244, 1565764272, 1565766141, 1565783915, 1565857086, 1565865137, 1565873303, 1565784531	**C-2** Precision Manufacturing (08) 1560762919, 1561460788, 1563001681, 1563279172, 1564292956, 1564638047, 1565692392, 024	**D-2** Emerging Manufacturing Techniques (08) 1565696656, 1565875666, 1565902668, 1565937628, 1567499566, 1568045517, 1565427498 (I), 1565868234

Day 2: December 13, 2019 (Friday)						
10:45-12:30	**Oral & Short Presentation (Parallel Sessions)**					
Venue	**Manganese Building-201**	**Manganese Building-202 (A)**	**Manganese Building-203**	**Manganese Building-204**	**Manganese Building-202 (B)**	**Manganese Building-205**
(Session-3)	**A-3** Materials Processing for Precision Engineering (07) 1565699703, 1565812981, 1565856803, 1565860802, 1565865526, 1565867397, 1565886138	**B-3** Multiscale Modelling and Manufacturing (07) 1565882247, 1565889441, 1568023101, 1568040807, 1568050833, 1568115809, 1568127708	**C-3** Precision Manufacturing (07) 1565761052, 1565779133, 1565791195, 1565802249, 1565851032, 1565852538, 1565870315	**D-3** Smart Manufacturing or Industry 4.0 (10) 1560595001, 1561436167, 1561546947, 1563132403, 1565777566, 1567949584, 1567613475, 018, 030, 033	**S-3 Short Presentations (18)** 1565787344, 1565792699, 1565797952, 1565843105, 1565859193, 1565863824, 1565873723, 1565892142, 1568028464, 1568134211, 1559886879, 1563031417, 1565772922, 1565586848, 1569900661, 1565850574, 006, 025	**S-4 Short Presentations (20)** 1560301043, 1560322716, 1560615203, 1562164858, 1563285854, 1564582914, 1565791680, 1565797399, 1565805624, 1568113797, 1560337227, 1565774766, 1565788958, 1565792660, 1559015375, 1565712170, 1565871101, 1568054588 1566555414, 031

16:30-18:00	**Oral Presentation (Parallel Sessions)**			
Venue	**Manganese Building-201**	**Manganese Building-202 (A)**	**Manganese Building-203**	**Manganese Building-204**
(Session-4)	**A-4** Materials Processing for Precision Engineering (08) 1567765454, 1568006950, 1560620174, 1568109472, 1568122338, 1568130759, 1568139080, 1563711678	**B-4** Multiscale Modelling and Manufacturing (08) 1568131756, 1567684341, 1568132326, 1568654202, 1565713832, 1560444258, 007, 028	**C-4** Precision Manufacturing (08) 1565870342, 1565876836, 1565878696, 1565880173, 1565881646, 1565887558, 1565888361, 015	**D-4** Precision Manufacturing (08) 1568123303, 1565892527, 1565973574, 1566221228, 1566232321, 1567828690, 1568024637, 011

Day 3: December 14, 2019 (Saturday)						
10:45-12:45	**Oral Presentation (Parallel Sessions)**					
Venue	**Manganese Building-201**	**Manganese Building-202 (A)**	**Manganese Building-203**	**Manganese Building-204**	**Manganese Building-202 (B)**	**Manganese Building-205**
(Session-5)	**A-5** Materials Processing for Precision Engineering (07) + Emerging mfg. Techniques (03) 1565885110, 1563614870 (I), 1563711678 (I), 1565855628 (I), 002, 004, 036, 021, 022, 1565794430	**B-5** Multiscale Mod. and Mfg. (03) + Materials Proc. for Precision Engineering (06) + Emerging mfg. Techniques (02) 1562145065, 012, 020, 005, 009, 017, 1558672287, 019, 1560486623, 1565427498 (II), 1565427498 (III)	**C-5** Precision manufacturing (09) + Micro Mechatronics (04) 1568025362, 1568102780, 1568114828, 1568131604, 1568139096, 1568174689, 001, 014, 016, 032, 034, 034, 037	**S-3 Short Presentations (11)** 1567405139, 1568042717, 1560583894, 1568129412, 1568131369, 1568135774, 1568216306, 1568042373, 1560762919 (I), 003, 027	**S-3 Short Presentations (11)** 1565860214, 1565867900, 1566982971, 1568034853, 1568108100, 1568560424, 010, 013, 023, 1563614870, 1560144469,	**Reserved for late papers, late participants, late entries and/or special requests, and spot registrations**

Sr. No.	Paper ID	Name of Author	Paper Title	Status of the paper
2	COPEN11_1556013034	P.Umamaheswarrao	TOPSIS based Optimization of Process Parameters while Hard Turning of AISI 52100 Steel	Revision is recommended. Respective comments has been sent to author.
3	COPEN11_1557988539	Shweta Rajawat	MCF-7 cancer tumor growth inhibition by flavonoid and carbohydrate functionalized colloidal silver	Paper selected for Short presentation.
4	COPEN11_1558672287	Nikhil Rajendra Kadam	The effect of spray angle on the microstructural and mechanical properties of plasma sprayed 8YSZ TBCs	Paper selected for Oral presentation.
5	COPEN11_1558889909	Murali Sundaram	Simulation of Material Removal in a Chemothermal Micromachining Process	Paper selected for Oral presentation.
6	COPEN11_1559015375	Birendra Kumar barik	Enabling Elements of Smart Manufacturing	Paper selected for Short presentation.
7	COPEN11_1559035937	Abhilash P. M.	Effect of wire coating on the wire EDM performance characteristics during the machining of Inconel 718	Paper selected for Oral presentation.
8	COPEN11_1559279768	Jinoop A N	Effect of Scan Strategy on the Geometry of Laser Additive Manufactured Wall Structures	Paper selected for Oral presentation.
9	COPEN11_1559717259	Dr. Ketan Jagtap	Some Investigations on Specific Cutting Energy in Precision Machining of Co-Cr-Mo Biomaterial as a Perspective of Productivity	Paper selected for Short presentation.
11	COPEN11_1559886879	Sourav Chakraborty	Particle Swarm Optimisation based speed control of a Three Phase Induction Motor Driven Conveyor belt	Paper selected for Short presentation.
12	COPEN11_1560094948	Amrit Shiwani, Deepesh Rai	Parameter optimization in electro discharge drilling of Inconel718 superalloy	Paper selected for Short presentation.
13	COPEN11_1560144469	Kiran R More	Formability and Wall Thickness Distribution in Incremental Sheet Forming: A Review	Paper selected for Short presentation.
14	COPEN11_1560239099	JEBARAJ M	PERFORMANCE EVALUATION OF CO2 COOLANT IN THE MILLING OF DIN 1.2714 STEEL	Paper selected for Oral presentation.
15	COPEN11_1560245948	Dhinesh SK	Optimization of Dielectric Fluid Parameters in Wire Electro Discharge Machining of Aluminium Composite	Paper selected for Short presentation.
16	COPEN11_1560301043	GOKULA VIGNESH P	Experimental Investigation on machining characteristics of Al-Gr and Al-B4C MMC using µ-ED Milling	Paper selected for Short presentation.
17	COPEN11_1560322716	Akash Kewal More	Parametric Optimization of Magnetorheological Finishing by using Response Surface Methodology	Paper selected for Short presentation.
18	COPEN11_1560337227	Ranjeet Singh Rathore	EFFECT OF POWER BASED PARAMETERS ON ENERGY CHANNELIZATION DURING ECDM OF BOROSILICATE GLASS	Paper selected for Short presentation.
19	COPEN11_1560341817	Surendra Kumar Saini	Optimization of recast layer thickness in laser trepanning of ZTA plate	Paper selected for Oral presentation.
20	COPEN11_1560342945	Bipul Das	Artificial intelligence based defect formation tendency prediction in friction stir welding	Paper selected for Oral presentation.
21	COPEN11_1560368185	Dr. Mayuri Baruah	EXPERIMENTAL INVESTIGATION OF MICRO-TIG WELDING OF INCONEL 625	Paper selected for Short presentation.
22	COPEN11_1560437983	Sabana Azim	Evaluation of Chip Characteristics under Dry and Wet Environment using Coated and Uncoated Tools	Paper selected for Oral presentation.
23	COPEN11_1560444258	Ekansh Jain	Mechanical properties of multi-walled boron nitride nanotubes: Computational study	Paper selected for Oral presentation.
25	COPEN11_1560486623	ANGSHUMAN CHATTOPADHYAY	Laser welding of Ti and AISI 304 with Ni interlayer	Paper selected for Oral presentation.
26	COPEN11_1560516859	HIMANSHU KUMAR	Experimental investigation on stir casting of a metal matrix composite materials	Paper selected for Oral presentation.
27	COPEN11_1560517684	KARTHIK M S	STUDY ON EFFECT OF ABRASIVE FLOW POLISHI...	Paper selected for Oral presentation.
28	COPEN11_1560518998	Abhishek Kumar	In-Situ Laser Polishing of Cobalt Chrome Alloy by Selective Laser Melting Process	Paper selected for Oral presentation.
29	COPEN11_1560531508	Nikhil V.	Performance of Coated Carbide Inserts during Machining of Stainless Steels in Different Conditions	Paper selected for Short presentation.
31	COPEN11_1560583894	Umesh Sahebrao Patil	Metallurgical and Microstructure analysis of SMAW process for joining stainless 304 with Mild steel 1018	Paper selected for Short presentation.
32	COPEN11_1560586301	KALIMUTHU T	Experimental Investigation on Machining Characteristics of Shape Memory Alloy Nitinol in ECMM	Paper is selected for Oral presentation.
33	COPEN11_1560595001	Maharshi Dhada	Federated Learning for Collaborative Prognostics	Paper is selected for Oral presentation.
34	COPEN11_1560595155	Ganesh S. Kadam	Analysis of surface roughness in HSM of Inconel 718 using water vapour as green cutting fluid	Paper selected for Oral presentation.
35	COPEN11_1560596958	K.Ramchandra Raju	Synthesis Of Aluminium Metal Matrix And Enhancement Of Their Properties By Heat Treatment	Revision is recommended. Respective comments has been sent to author.
36	COPEN11_1560598388	Avinash N. Khadtare	Investigation of Micro-Holes Characteristic for Straight and Inclined drilling in Thermal Barrier Coated Inconel 718 Superalloy	Paper selected for Oral presentation.
37	COPEN11_1560600179	Saurabh Yadav	Handling of small particles using acoustic levitation	Paper selected for Oral presentation.
40	COPEN11_1560614069	Gururaja S	A Qualitative Study of Surface Finish Using Indigenously Developed One-Way Abrasive Flow Machining For Different Engineering Materials	Revision is recommended. Respective comments has been sent to author.
41	COPEN11_1560614935	Aniket Nagargoje	PREDICTION OF THICKNESS PROFILE OF AXISYMMETRIC CONICAL PART IN SINGLE POINT INCREMENTAL FORMING	Paper selected for Oral presentation.
42	COPEN11_1560615203	CHANDAN S T	Performance evaluation of the holes drilled in CFRP composites by conventional and abrasive water jet drilling	Paper selected for Short presentation.
44	COPEN11_1560620174	HARIPRASAD V	Electrical Discharge Machining of Al6061 alloy and Friction Stir Processed Al6061+WS2 Composite using GRA	Paper selected for Oral presentation.
45	COPEN11_1560762919	Geetha Priyadarshini B	Alkali Hydrothermal Etching induces Nano-structuring on Glass surfaces with improved light trapping	Paper selected for Oral presentation.
46	COPEN11_1560879702	Dr. M. Kumar	Effect of redmud and graphite reinforcements on the mechanical behavior of Al6061 surface composites	Paper selected for Oral presentation.
47	COPEN11_1561022867	Rashi Tyagi, Vijay Shankar Patel	Fabrication of brass + copper coating layer using electrical discharge process and its characterization	Paper selected for Oral presentation.
49	COPEN11_1561436167	Nikhil M Thoppil	Vibration signal analysis for the prognostics of computer numerical control (CNC) lathe spindle unit	Paper selected for Oral presentation.
50	COPEN11_1561460788	Sakshi Gupta	Material Removal Rate of Laminated Glass Through Abrasive Water Jet Machine	Paper selected for Oral presentation.
51	COPEN11_1561546947	Prakash D Pantawane	DESIGN AND TESTING OF ONLINE ACOUSTIC EMISSION AND VIBRATION MONITORING SYSTEM FOR MACHINING OPERATIONS	Paper selected for Oral presentation.
52	COPEN11_1561970196	Navnath Bhosale	OPTIMIZATION OF PROCESS PARAMETERS FOR POST WELD HEAT TREATMENT OF TIG WELDED AA6061-T6 ALLOY JOINTS	Revision is recommended. Respective comments has been sent to author.
53	COPEN11_1562004094	Vivek Adepu and Srimanta Pakhira	Transition Metal Dichalcogenides Efficient Electro-catalysts for Hydrogen Evolution Reaction	Paper selected for short presentation
54	COPEN11_1562145065	Shanmugavalli M	Stress analysis of micro coriolis mass flow meter	Paper selected for Oral presentation.
55	COPEN11_1562164858	Anirban Changdar	LASER FORMING OF ALUMINIUM TUBE USING A DIODE LASER	Paper selected for Short presentation.
56	COPEN11_1562304812	Dhanraj B. Waghmare, Sumit Bhatia	Study of low pressure die casting of AlSi9Cu1Mg Aluminium alloy to reduce casting defects	Revision is recommended. Respective comments has been sent to author.
57	COPEN11_1562485160	SURENDRA KUMAR PATEL	Microstructural and Wear Behavior of Dua...	Paper selected for Oral presentation.
58	COPEN11_1562567801	Dhanraj B. Waghmare	Finite element simulation and analysis of laser welding of thin stainless steel sheets	Paper selected for Short presentation.
63	COPEN11_1562776499	REDDY SREENIVASULU	Optimization of Machining parameters during CNC Turning of Aluminium 6351-T6 Alloy using Utility Based Taguchi Approach	Paper selected for Short presentation.
65	COPEN11_1563001681	Baburaj M	An intractive tool for the measurement of kerf width in micro wire electrical discharge machining	Paper selected for Oral presentation.
66	COPEN11_1563031417	R. K. Behra et al.	Experimental analysis of the theoretical designs of an 800cc petrol car converted to electric	Paper selected for Short presentation.
67	COPEN11_1563132403	Amit Kumar Jain	Influence of the imperfect prognostics on maintenance decision	Paper selected for Oral presentation.
68	COPEN11_1563179567	Dhiman Mallick	Design of Nonlinear MEMS Buckled Beam Structures for Low-threshold Mechanical Energy Harvesting	Paper selected for Oral presentation.
69	COPEN11_1563184030	Ankit Kumar	CFD Simulation on Drilling of Titanium Alloy	Paper selected for Oral presentation.
70	COPEN11_1563189447	Nilima Sinha and Dr. Srimanta Pakhira	A Computational Study of H2 Physisorption on Metal-Organic Frameworks Linkers	Paper selected for Oral presentation.
72	COPEN11_1563208226	Apurbba Kumar Sharma	On Microstructural and Mechanical Properties of 21-4-N Nitronic Steel Joint Developed using Microwave Energy	Paper selected for Oral presentation.
73	COPEN11_1563279172	Vyom Sharma	Investigations into Electrochemical Milling for the generation of 3D structures	Paper selected for Oral presentation.
74	COPEN11_1563285854	Jaldeep Soni	REVIEW PAPER ON PROBING SYSTEM OF CMM	Paper selected for Short presentation.
76	COPEN11_1563422981	ABHIJIT SADHU	A study on mitigation of cracks in multi...	Paper selected for Oral presentation.
77	COPEN11_1563614870	Suvradip Mullick	Development and analysis of electro-jet ...	Paper selected for Oral presentation.
78	COPEN11_1563711678	Gaurav Bartarya	EFFECT OF LASER PREHEATING ON RESIDUAL STRESSES DURING HARD TURNING OF EN31 STEEL	Paper selected for Oral presentation.
81	COPEN11_1564292956	Koushik Mishra	Issues arise in micro electrochemical milling of Ti6Al4V	Paper selected for Oral presentation.
83	COPEN11_1564403773	Sunil Yadav	Laser Additive Manufacturing using Directed Energy Deposition of Cu on SS304L	Paper selected for Oral presentation.
84	COPEN11_1564471844	Akash Subhash Awale	Multi-objective optimization of spray parameter of minimum quantity lubrication grinding for AISI H13 tool steel	Revision is recommended. Respective comments has been sent to author.
85	COPEN11_1564582914	GAUTAM KUMAR	Formability of Polymeric Sheet in Single…	Paper is selected for Short presentation & product demonstration
86	COPEN11_1564638047	DEEPAK KUMAR	Synthesis and Characterization of Zinc O...	Paper selected for Oral presentation.
87	COPEN11_1564652424	ASHISH KUMAR	Characterization of stainless steel wall...	Paper selected for Short presentation.

88	COPEN11_1565855628	SHAKTI KUMAR	Parametric Optimization on Machinability Aspect of MQL Hard Turning of EN31 Alloy Steel	Paper selected for Oral presentation.
90	COPEN11_1564966373	Alini Christ Paul	Parametric and Multi-Objective Analysis …	Paper selected for Short presentation.
91	COPEN11_1564984170	Vishwas Divse	FEM-based Modeling of Blunt Notch Streng...	Paper selected for Oral presentation.
93	COPEN11_1565268564	Subhadip Pradhan	Parametric optimization of hot abrasive jet machining of K-60 alumina ceramic using response surface methodology and genetic algorithm	Paper selected for Short presentation.
94	COPEN11_1565328195	Saurabh Sanghvi	EXPERIMENTAL INVESTIGATION ON THE DEPTH ...	Paper selected for Oral presentation.
95	COPEN11_1565416920	R. GANESH NARAYANAN	Modeling the effect of strain hardening ...	Paper selected for Oral presentation.
96	COPEN11_1565427498	Dr. Yuvraj K Madhukar	Design and Analysis of Converging-Diverging Supersonic Nozzle	Paper selected for Oral presentation.
98	COPEN11_1565585664	Lipsamayee Mishra	Optimization of parameters on pulsed Nd: YAG laser drilling of CNT/epoxy Nano composites using grey relational analysis	Paper selected for Short presentation.
99	COPEN11_1565586848	Neel Manish Sanghvi	Machining parameter optimization for End milling ofInconel 825 with a Microhardness perspective	Paper selected for Short presentation.
100	COPEN11_1565594272	Dr. Kishan Choudhuri	Fabrication and Experimental Investigation of a threefinger Robotic Gripper actuated by Micro Servos	Paper selected for Oral presentation.
101	COPEN11_1565628030	SANDEEP KUMAR PARAL	An experimental study on bulge test of commercially pure aluminium sheet metal	Paper selected for Short presentation.
103	COPEN11_1565692392	Dileep Kumar Mishra	Fabrication of uniform micro-tool electrodes by electrochemical micromachining	Paper selected for Oral presentation.
104	COPEN11_1565696656	Shirsendu Das	Investigation of the Impact of Bio-Dielectric on the Sustainable Electrical Discharge Machining of Ti6Al4V	Paper selected for Oral presentation.
105	COPEN11_1565699703	SUBRATA MONDAL	Surface Property Improvement of Low Carbon Steel [illegible]	Paper selected for Oral presentation.
106	COPEN11_1565712170	vaibhav subhash gaikwad	Development of Prediction model for ElectricDischarge Machining (EDM) Processes Parameters usingAdaptive Neuro Fuzzy Inference System (ANFIS)	Paper selected for Short presentation.
107	COPEN11_1565713832	Rajendra Kumar Arya	Prediction of Aspect Ratio of drilled micro holes during Pressurized Flow ECDM Process using ANFIS modelling	Paper selected for Oral presentation.
110	COPEN11_1565724244	SATYAM AGRAHARI	COMPUTATION OF CBN TOOL WEAR AND ITSEFFECT ON FORM ACCURACY OF ULTRAPRECISION MACHINED HEMI-SPHERICALSURFACE	Paper selected for Oral presentation.
111	COPEN11_1565761052	Karan Pawar	Geometrical characteristics and tool wear analysis during multipass microchannel formation in ECDM	Paper selected for Oral presentation.
112	COPEN11_1565764272	Kishor Shingare	Effect of size dependent properties on static and dynamic behavior of the graphene nanocomposite plate: Analytical approach	Paper selected for Oral presentation.
113	COPEN11_1565765551	Minaketan Behera	Characterization of micro-crystalline diamond toolssynthesized by HFCVD process with different seedingpowders	Revision is recommended. Respective comments has been sent to author.
114	COPEN11_1565766141	Vijay Kumar Choyal	Electromechanical properties of carbon-doped Boron Nitride nanosheets	Paper selected for Oral presentation.
116	COPEN11_1565772922	Sumit	ANALYSIS OF PID CONTROLLER GAIN FOR 2-DOF MASS-SPRING-DAMPER SYSTEM USING FINITE ELEMENT METHOD BASED PARTICLE SWARM OPTIMIZATION TECHNIQUE	Paper selected for Short Presentation
117	COPEN11_1565774766	Jitendra Kumar Sahu	Study on improvement in geometrical dimensionalaccuracy of 3D printed parts	Paper selected for Short Presentation
119	COPEN11_1565777566	SWAPNIL GUNDEWAR	Bearing Fault diagnosis using Artificial NeuralNetwork and Random Forest	Paper selected for Oral presentation.
120	COPEN11_1565779133	Puspen Mondal	Fabrication of microfluidic channel of Polydimethylsiloxane (PDMS) using X-ray Lithography andits surface nanostructuring	Paper selected for Oral presentation.
121	COPEN11_1565783915	Lokeswar Patnaik	Parametric optimization of machining parameters on surface quality and tool wear rate of biomedical grade stainless steel 316LVM against AlCrN coated tool	Paper selected for Oral presentation.
122	COPEN11_1565784531	Ravi shankar rai	Fabrication of ZnO nanostructures on woven carbon fiber via hydrothermal route and effect of synthesis conditions on morphology	Paper selected for Short presentation.
124	COPEN11_1565787344	Himanshu V. Patel	Permeability Study in VARTM Process	Paper selected for Short presentation.
126	COPEN11_1565788958	Ashish R. Prajapati	Enhancement of flame retardant properties of 3D printed ABS parts	Paper selected for Short presentation.
127	COPEN11_1565791195	Santosh Kumar	Generation of micro channel on Quartz by micro-USM process	Paper selected for Oral presentation.
128	COPEN11_1565791680	RAJU MAHADEORAO TAYADE	Generation of micro-groove on SS-304 using micro-WEDM and micro-WECM: a Sequential Electro Micro Machining (SEMM) approach	Paper selected for Short presentation.
129	COPEN11_1565792660	Brijesh H. Patel	Experimental and Simulation study on Tensile behavior of FDM printed parts	Paper is selected for Short presentation.
130	COPEN11_1565792699	Nilakantha Sahu	DISSIMILAR GTAW WELDING OF ALLOY 800 AND SS316L USING ACTIVATED FLUX	Paper is selected for Short presentation.
131	COPEN11_1565794430	ARNAB DAS	Fabrication of super-finished surfaces in high-speed turning and micro turning: A review	Paper selected for Short presentation.
132	COPEN11_1565797399	Shilpesh R Rajpurohit	Surface Roughness and Circularity Error Analysis of 3DPrinted Part	Paper selected for Short presentation.
133	COPEN11_1565797952	Ganesh Dhurde	Some Investigations into Wire Electro-DischargeMachining of 17-4 PH Stainless Steel	Paper selected for Short presentation.
134	COPEN11_1565802249	Vishnu Narayanan S	A computational model to predict surface finish in laser engraving with nanosecond pulsed laser	Paper accepted for Oral presentation
135	COPEN11_1565804586	ANIRBAN NASKAR	A COMPARATIVE STUDY OF CONVENTIONAL SICAND SUPERABRASIVE cBN GRINDING WHEEL ONTHE SURFACE INTEGRITY OF Ti-6Al-4V	Paper selected for Short presentation.
136	COPEN11_1565805624	Siddhartha Kar	Micro drilling of stainless steel by micro electrical discharge machining and its parametric optimization	Paper selected for Short presentation.
137	COPEN11_1565812981	Pavan Girish Pandit	Study on influence of process parameters on depth of cut, surface roughness and abrasive embodiment in the Abrasive Waterjet Cutting of Unleaded Brass	Paper accepted for Oral presentation
138	COPEN11_1565843105	CHANDRESHKUMAR KUMBHANI	Fabrication and Tensile Testing Of Jute and Flax FiberReinforced Composites Using VARTM Process	Paper selected for Short presentation.
139	COPEN11_1565847147	Rathod Roshan Ramesh	Experimental Investigation of Cutting Parameters in AL6061-T6 Turning Operation by MQL	Paper selected for Short presentation.
140	COPEN11_1565850691	Nitesh Kumar	Optimization of Weld Width in Nd: YVO4 Laser Welding of Two Transparent Polymers in Lap Joint Configuration	Paper selected for Short presentation & case study presentation.
141	COPEN11_1565850574	Mayur Gawari	EXPERIMENTAL INVESTIGATION OF MRR OF NITI ALLOY USING MICRO-WEDM	Paper selected for Short presentation.
143	COPEN11_1565851032	Divyansh Singh Patel	Fabrication and analysis of sharklet patterns through multi-electrodes electrochemical micro-machining	Paper accepted for Oral presentation
144	COPEN11_1565852538	Meinam Annebushan Singh	Ultra-thin silicon wafer fabrication using wire electrical discharge machining: Understanding the effect of process parameters using response surface methodology	Paper accepted for Oral presentation
145	COPEN11_1565856803	MOHIT PANDEY	Analysis of Fiber Laser Marking on Stainless Steel	Paper accepted for Oral presentation
146	COPEN11_1565857086	Rinku Kumat Mittal	DETERMINATION OF MODAL PARAMETERS OFMICRO END MILLS USING TAPERED BEAMTHEORY	Paper accepted for Oral presentation
147	COPEN11_1565859193	Angshuman Roy	Analysis of Bead-on-Plate Welding of Inconel 625 Superalloy using Nd: YAG Laser	Paper selected for Short presentation.
148	COPEN11_1565860802	ABHISHEK MANDAL	EFFECT ON WELD QUALITY OF FRICTION STIR WELDED ALUMINIUM-COPPER JOINTS BY VARYING TOOL TRAVEL SPEED	Paper accepted for Oral presentation
149	COPEN11_1565860802	SOVAN MAITY	Investigation on Multi-wire Electrochemical Machining assisted with Axial Flushing	Revision is recommended. Respective comments has been sent to author.
150	COPEN11_1565860214	DIPAYAN CHAKRABORTY	A Review on Fused Deposition Modeling Process	Paper selected for Short presentation.
151	COPEN11_1565863824	Dr. Harlal Singh Mali	Modeling and simulation techniques for loose abrasive based machining:A review	Paper selected for Short presentation.
153	COPEN11_1565865137		ELECTROMECHANICAL RESPONSE OF THE PIEZOELECTRIC VIBRATION ENERGY HARVESTER WITH POLYVINYLIDENE FLUORIDE	Paper selected for Oral presentation.
154	COPEN11_1565865526	Anupam Alok, Manas Das	Review on hard turning with coated carbide inser	Paper selected for Oral presentation.
156	COPEN11_1565867397	DEEPAK CHOUDHARY	COMPARATIVE STUDY OF CONVENTIONAL ANDHYBRID TURNING PROCESSES USING MODELINGAND EXPERIMENTAL TECHNIQUES	Paper selected for Oral presentation.
157	COPEN11_1565867900	Chinu Rathi	Parametric study of magnetorheological abrasive honing process for freeform surfaces	Paper selected for Short presentation.
158	COPEN11_1565868234	Pranesh Dutta	A finite element analysis of residual stress in Vibration Assisted Machining of AISI 52100 Steel at different frequencies	Paper selected for Oral presentation.
159	COPEN11_1565870315	Mukesh Kumar	The Synthesis, Characterization and performance of Piezoelectric P (VDF-TrFE) Electrospun Nanofibers	Paper selected for Oral presentation.
160	COPEN11_1565870342	Ankit Rathi	Micromechanical analysis of effective elastic properties of graphene reinforced PMMA nanocomposites	Paper selected for Oral presentation.
161	COPEN11_1565870531	D VIJAY PRAVEEN	Investigation on Hardness and Impact Energy of Nickel Coated Al2O3P Reinforced AA-7075 Metal Matrix Composites	Revision is recommended. Respective comments has been sent to author.
162	COPEN11_1565871101	Mohammad Faisal Noor	Barriers in implementing Industry 4.0 principles in small and medium industries in Indian perspective	Paper is selected for Short presentation
163	COPEN11_1565873303	Mainak Pal	Development of GUI and Comparison of Tool pathStrategies for Incremental Forming of PolycarbonateSheet	Paper selected for Oral presentation.
164	COPEN11_1565873966	Gaganpreet Singh	Automation in excimer laser for large area fabrication	Paper selected for Oral presentation.
165	COPEN11_1565873723	Prasad Karande	MACHINING OF SS304 USING COOLANT WITHZERO SENSIBLE HEAT	Paper is selected for Short presentation
166	COPEN11_1565875666	Manasi Chansouria	Effect of grinding induced changes on magneticresponse of material	Paper selected for Oral presentation.
167	COPEN11_1565876836	Ekta Tripathi	FABRICATION OF SPIRAL MICROMIXER USING MOLD MACHINED BY CO2 ASSISTED LASER MACHINE	Paper accepted for Oral presentation
168	COPEN11_1565877220	Salkapuram Vijay	Abrasive Wear Behavior of AA-SiC Functionally GradedMaterial (FGM) Fabricated by Powder Metallurgy	Revision is recommended. Respective comments has been sent to author.
169	COPEN11_1565878696	Varun Pratap Sharma	STUDY OF METAL ASSISTED CHEMICAL ETCHING AS AN ALTERNATIVE TO DRY ETCHING FOR THE DEVELOPMENT OF MEMS	Paper accepted for Oral presentation
170	COPEN11_1565880173	Varun Pratap Sharma	FABRICATION OF SU-8 MICRO-STRUCTURESUSING IN-HOUSE DEVELOPED 395 NM UV LEDFLOOD EXPOSURE SYSTEM FOR THEDEVELOPMENT OF MEMS	Paper accepted for Oral presentation
172	COPEN11_1565882247	NITIN DIXIT	Simulation analysis of electromagnetic surface with textured patterns	Paper selected for Oral presentation.
173	COPEN11_1565885110	MOHAN KUMAR	ANALYSIS OF TOP BURR FORMATION IN DOWN MILLING OPERATION	Paper is selected for Short presentation

174	COPEN11_1565881646	Ankit Awasthi	Laser Color Marking of Stainless Steel	Paper selected for Oral presentation.
175	COPEN11_1565887558	SUNNY KUMAR	SYNTHESIS AND ASSESSMENT OF SURFACE ROUGHNESS OF ELECTROLESS Ni-Co-P COATING ON COPPER SUBSTRATE THROUGH DESIGN OF EXPERIMENTS	Paper selected for Oral presentation.
176	COPEN11_1565888361	SUBRATA MAHATA	Experimental investigation during square micro-dimple pattern generation by Through Mask Electrochemical Micromachining (TMEMM)	Paper selected for Oral presentation.
177	COPEN11_1565889441	Pinal Rana	A numerical model to predict thermal damage in slicing of ultra-thin silicon wafers using wire-electrical discharge machining	Paper selected for Oral presentation.
178	COPEN11_1565886138	Aman Kotwani	Performance investigation of vegetable oils as a cutting fluid in MQL assisted CNC end milling of Al6061	Paper selected for Oral presentation.
179	COPEN11_1565892142	SANDEEP S. ANASANE	Experimental Investigation of Electrochemical	Paper is selected for Short presentation
180	COPEN11_1565892527	Basil Kuriachen	OPTIMIZATION OF EDM PARAMETERS TO EVALUATE WEAR BEHAVIOR OF THE PROCESS MACHINED Ti6Al4V SURFACES	Paper selected for Oral presentation.
183	COPEN11_1565902668	Srinivasa Rakesh Cheethirala	A Study on Topology Optimization of Novel Lattice Structures for Laser Additively Manufactured Biomedical Implants	Paper selected for Oral presentation.
184	COPEN11_1565937628	Abhishek Sen	Effects of Process Parameters on Fiber Laser MicroGrooving of 316L Stainless Steel	Paper selected for Oral presentation.
185	COPEN11_1565973574	Shanmuga Priyan V G	Optimization of Process Parameters in WEDM for Micro Channel Machining using Taguchi Method	Paper selected for Oral presentation.
186	COPEN11_1566221228	B MURALIDHARAN	Experimental Investigation of Rotational Abrasive Flow Finishing Process with Modular Design	Paper selected for Oral presentation.
187	COPEN11_1566232321	Mahavir Singh	Micro-dimples Array Fabrication on CylindricalSurfaces using Micro-EDM Process	Paper selected for Oral presentation.
188	COPEN11_1566452072	RUPALI BAGHEL	Experimental Investigation on Micro-EDM of TiN-Al2O3using SiC Powder Mixed Fluid	Revision is recommended. Respective comments has been sent to author.
189	COPEN11_1566555414	Duradundi Sawant Badkar	Development of 3D Models and Optimization of Bead Geometry of Laser Transformation Hardening of Commercially Pure Titanium Using Full Factorial Design and RSM	Paper is selected for Short presentation
190	COPEN11_1566982971	AMIT BANERJEE	Electron-optical Characterization of High-aspect-ratioSingle CNT Cold Field Emitters	Paper is selected for Short presentation
191	COPEN11_1567142430	Mukesh Tak	Suitability of electrolytes in dissolution behavior of 17-4PH stainless steel	Revision is recommended. Respective comments has been sent to author.
192	COPEN11_1567405139	Arun Rajput	Comparative cavitation erosion behavior of bainiticsteels made from a near eutectoid carbon steel	Paper is selected for Short presentation
193	COPEN11_1567499566	nikhil kumar	Effects of Welding Parameters in Nd: YVO4 Laser Welding of Two Transparent Polymers	Paper selected for Oral presentation.
194	COPEN11_1567613475	Vibhor Pandhare	Machine-event Based Cyber-twin Development forIndustry 4.0	Revision is recommended. Respective comments has been sent to author.
195	COPEN11_1567684341	Belure Akash Ravindra	Fabrication of super-smooth flat zerodur substrates forsynchrotron x-ray mirrors	Paper selected for Oral presentation.
197	COPEN11_1567765454	Ms Samadrita Chakraborty	Quality Control of Micron Size Reference Defects forNDT Application: A Comparative Study	Paper selected for Oral presentation.
198	COPEN11_1567828690	ASHISH KUMAR SAHU	Experimental Investigation of Taper And MRR ofMicrochannel Fabrication by Laser Micromilling	Paper selected for Oral presentation.
199	COPEN11_1567949584	Sandeep Kumar	Industry 4.0 readiness assessment for SMEs: A stateof-the-art literature review	Paper selected for Oral presentation.
200	COPEN11_1568006950	Arun Kumar Rouniyar	Study of Surface Crack Density of Aluminium 6061Alloy Machined by EDM with Mixed Powder andAssisted Magnetic Field	Paper is selected for Oral presentation.
201	COPEN11_1568023101	SUSHIL PATEL	Numerical Investigation of Melt Pool Characteristics in Conduction Mode Spot Laser Welding	Paper selected for Oral presentation.
202	COPEN11_1568024637	Vivek Garg	Freeform Fabrication of 3D Micro-Nanostructures with Focused Ion Beam	Paper selected for Oral presentation.
203	COPEN11_1568025362	KEVIN C PRAJAPATI	Error Identification and Mitigation Strategies in a Precision Linear Stage for Micromachining	Paper selected for Oral presentation.
204	COPEN11_1568028464	SURESH P. KADAM	Modeling of electrochemical deburring (ECD) forenhancing deburring effectiveness	Paper is selected for Short presentation.
205	COPEN11_1568031434	Mohamed Fazil	Dry Sliding Wear Behaviour Of Electroless NiP And NiP-Al2O3 Composite Coatings	Revision is recommended. Respective comments has been sent to author.
206	COPEN11_1568034853	RADHIKA SARAWAGI	DEVELOPMENT AND EXPERIMENTAL STUDY OF MAGNETIC ABRASIVE FINISHING (MAF) PROCESS	Paper is selected for Short presentation.
207	COPEN11_1568040807	CSIR-CMERI	Application of Artificial Neural Network in Prediction of Surface Roughnesswhile Turning of AISI 4340 Steel Using Zirconia Toughened Alumina Inserts	Paper is selected for Oral presentation.
208	COPEN11_1568042717	OZA ANKIT	Micro-Machining Characteristics of Quartz Using Travelling Wire-Electrochemical Discharge Machining (TW-ECDM) Process	Paper is selected for Short presentation.
209	COPEN11_1568045517	Saurav Kumar Nayak	Effect of Higher Layer Thickness on Track width during Laser Powder Bed Fusion of Ni-Cr-Nb-Mo Alloy.	Paper selected for Oral presentation.
210	COPEN11_1568050833	Jitender Kumar Chaurasia	An enthalpy based finite element approach to predict single track geometry during Laser Directed Energy Deposition of Inconel 718	Paper selected for Oral presentation.
211	COPEN11_1568054588	shubham	IMPACT OF BARRIERS ON INDUSTRY 4.0 TRANSFORMATION DIMENSIONS	Paper is selected for Short presentation.
212	COPEN11_1568057289	Nishad Nandkumar Ghode	MACHINABILITY ASSESSMENT OF AISI 52100 ALLOY STEEL IN TURNING USING WATER VAPOUR AS A COOLANT	Paper is selected for Oral presentation.
213	COPEN11_1568092957	Ajay Biswas	FABRICATION OF STIR CAST AA6063-BOROSILICATE GLASS POWDER METAL MATRIX COMPOSITE, ITS MECHANICAL CHARACTERIZATION AND PARAMETRIC OPTIMIZATION	Paper is selected for Short presentation.
214	COPEN11_1568092533	John George Simon	DESIGN AND DEVELOPMENT OF PERFORMANCE IMPROVED AND COST EFFECTIVE 3D PRINTER	Paper is selected for Short presentation.
215	COPEN11_1568102780	ARVIND KUMAR YADAV	An Experimental Investigation on Quartz Glass Machining through Electro-Chemical Spark Machining (ECSM) Process	Paper selected for Oral presentation.
216	COPEN11_1568108100	Deepak G Dilip	Roundness and Tool Wear Rate Investigations during Micro-EDM Drilling of Inconel 718	Paper selected for Short Presentation
217	COPEN11_1568109472	Akshay Chaudhari	Effect of surface-active media in micromachining of copper	Paper is selected for Oral presentation.
218	COPEN11_1568113797	K. RAJESH BABU	Prediction of cutting forces in micro end milling by including tool deflection aspect in its force model	Paper is selected for Short presentation.
219	COPEN11_1568114828	Arpit Srivastava	Experimental Investigation of Microchannels Fabrication on Quartz glass using Electrochemical Spark Machining process	Paper selected for Oral presentation.
220	COPEN11_1568115809	Ashish Kumar Mishra	IN-PLANE COMPRESSION BEHAVIOR OF BIO-INSPIRED HYBRID POLYMER HONEYCOMB STRUCTURES	Paper selected for Oral presentation.
221	COPEN11_1568122338	Dr Kamal Pal	A STUDY ON FRICTION STIR SPOT WELDING OFDISSIMILAR AL 6061-T6 TO S304 STAINLESSSTEEL	Paper selected for Oral presentation.
222	COPEN11_1568127708	Sumitkumar Santoshlal Rathor	Fabrication of Electrospun PCL-Ag-ZrComposite Nanofibers	Paper selected for Oral presentation.
223	COPEN11_1568129412	Subhashree Naik	Optimization of EDM Process Parameters for Al/10%SiC Metal Matrix Composite using GRA	Paper is selected for Short presentation.
224	COPEN11_1568123303	Danish Handa	COMPARISON OF CONVENTIONAL AND ECCENTRIC SLEEVE GRINDING OF UNIDIRECTIONAL CARBON-EPOXY COMPOSITE UNDER DRY AND WET CONDITIONS	Paper selected for Oral presentation.
225	COPEN11_1568130759	Harindra Kumar Kannojia	Experimental Investigation into the Void Growth at Cu-Cu3Sn Interface	Paper selected for Oral presentation.
226	COPEN11_1568131369	PRAVENDRA KUMAR	An Experimental Investigation on Processing of Al-TiB2-Al2O3 Hybrid Metal Matrix Composite by Electrical Discharge Drilling (EDD) Process	Paper is selected for Short presentation.
227	COPEN11_1568131604	Prakash Khatri	Effect of electric field on buckling analysis of boron nitride nanotubes	Paper selected for Oral presentation.
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229	COPEN11_1568132326	Abhishek	Numerical study on the effect of variation in laser spot diameter on the residual stress fieldinduced by laser shock peening on Ti-6Al-4V	Paper selected for Oral presentation.
230	COPEN11_1568134211	Anant W Nemade	Thermal Investigation of Disc Brake Fade During Long Braking	Paper is selected for Short presentation.
231	COPEN11_1568135774	Mohd Saif Siddiqui	Experimental Investigation of Wear Properties of Al 6082 Metal Matrix Composite Reinforced with Titanium Carbide (TiC) Particulate	paper selected for short presentation
232	COPEN11_1568139080	Deepak Patil	Experimental Investigation of reflectance characteristics of c-Si covered with gold nanoparticles (AuNPs) embedded polymer film	Paper selected for Oral presentation.
233	COPEN11_1568139096	singaravel	Micro textured cutting inserts with solid lubrication as alternative coolant to mineral oil based cutting fluid in turning operation	Paper selected for Oral presentation.
235	COPEN11_1568174689	Rahul Shukla, Gowtham Beera	Design and Fabrication of Electrostatic Micromotor by UV-SLIGA	Paper selected for Oral presentation.
236	COPEN11_1568216306	Prince Jeya Lal Lazar	Mechanical behaviour of perforated thin walled aluminiumhollow profiles subjected to quasi-static axial compression	Paper is selected for Short presentation.
237	COPEN11_1568560424	jitesh agrawal	Hydrothermal growth of ZnO nanostructures over the Al foil for the development of flexible UV photodetectors	Paper selected for Short presentation.
238	COPEN11_1568654202	Akash Tripathi	Solution-processed ultrawide bandgap CuOnanostrucuture	Paper selected for Oral presentation.
239	COPEN11_1568980549	Anil Yadav	Photochemical synthesis of Ag nanoparticles over ZnO nanorods for optoelectronic applications	Paper selected for Oral presentation.
243	COPEN11_1569900661	Shivraj Narayan Yeole	Evaluation of compressive strength of PLA specimens 3D printed as per ASTM D695 standard	Paper selected for Short presentation.
244	COPEN11_1568042373	Baburaj M.	Feasibility study on the reusability of dielectric fluid for wire electrical discharge machining	Paper selected for Short presentation.

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1	COPEN11_1565427498 (I)	Dr. Yuvraj K Madhukar	Finding the Emissivity of Tungsten Using Ratio Pyrometer	Paper selected for Oral Presentation
2	COPEN11_1565427498 (II)	Dr. Yuvraj K Madhukar	Development of Wire Arc Additive Manufacturing Setup, its Control and Manufacturing of Complex Parts	Paper selected for Oral Presentation
3	COPEN11_1565427498 (III)	Dr. Yuvraj K Madhukar	Effect of MOSFET pulsing on DC Power Output control: An approach towards control of temperature for manufacturing application	Paper selected for Oral Presentation

4	COPEN11_1560762919 (I)	Geetha Priyadarshini	Investigation of cutting force, temperature and chip morphology on dry machining of Ti-6Al-4V	Paper selected for Short Presentation
5	COPEN11_1563614870 (I)	Suvradip Mullick	Development and Demonstration of Water Assisted Underwater Direct Laser Welding Technique	Paper selected for Oral Presentation
6	COPEN11_1563711678 (I)	Gaurav Bartarya	Prediction of White Layer through Thermal Modeling of Finish Hard Turning of EN31 steel	Paper selected for Oral Presentation
7	COPEN11_1565863824 (I)	Dr. Harlal Singh Mali	Compressive mechanical behavior of monolithic and hybrid fabric polymer textile composites	Paper selected for Oral Presentation
8	COPEN11_1565863824 (II)	Dr. Harlal Singh Mali	Fabrication and Experimentations onsingle phase microchannel heat sink:Effect of variable pulsed flow condition	Paper selected for Oral Presentation
9	COPEN11_1565855628 (I)	SHAKTI KUMAR	The study of parametric effect on the clad properties and optimization in laser cladding of ti6al4v alloy	Paper selected for Oral Presentation

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Sr. No.	Paper ID	Name of Author	Paper Title	Status of the paper
1	COPEN11_001	Emmanuel Paneerselvam	Simultaneous laser doping and annealing to form lateral p-n junction diode structure on SiC films	Paper selected for Oral presentation.
2	COPEN11_002	Muralidharan B	Experimental investigation on laser cutting of Ni-Ti shape memory alloy	Paper is selected for Oral presentation.
3	COPEN11_003	R. Ganesh Narayanan	Case Studies on Friction Stir Welding of Aluminum and Steel Sheets with a Consumable	Paper selected for Short presentation.
4	COPEN11_004	Virendra Pratap Singh	Automotive multi-materials sheets joining through friction stir welding methods: An overview	Paper selected for Oral presentation.
5	COPEN11_005	Ashish K. Shukla	Investigations on Laser Assisted Forming of Pseudo-elastic Shape Memory Alloy NiTi Sheet for Intricate free-form Structures	Paper selected for Oral presentation.
6	COPEN11_006	Shrikrishna Pawar	Multiobjective optimization of FDM process for PC-ABS material	Paper selected for Short presentation.
7	COPEN11_007	Manas Das	A simulation study of different parameters for electrochemical micromachining	Paper selected for Oral presentation.
8	COPEN11_008	Manas Das	Material removal rate comparative study for medium pressure plasma processing of fused silica	Paper selected for Oral presentation.
9	COPEN11_009	G.L. Samuel	Investigation into the surface integrity during micro end milling of aluminium using coated and uncoated tool	Paper selected for Oral presentation.
10	COPEN11_010	D.Ananthapadmanaban	Taguchi Analysis of friction welding parameters during welding of Aluminium with Copper and Aluminium –Copper with Nickel interlayer	Paper selected for Short presentation.
11	COPEN11_011	Sooraj S	Understanding the mechanism of nanosecond and subnanosecond laser-assisted micro-scribing of Cu thin films in salt solution	Paper is selected for Oral presentation.
12	COPEN11_012	A Atulkar	Numerical model of Micro-Textured Compression Piston Ring for Improving performance of sliding pair	Paper is selected for Oral presentation.
13	COPEN11_013	V. Ezhilmaran	Laser surface texturing and hydrophobicity on Nickel-Aluminium-Bronze alloy	Paper selected for Short presentation.
14	COPEN11_014	Jayachandran S	Non-contact actuation of NiTi Shape memory alloy bimorph using continuous YAG laser	Paper selected for Oral presentation.
15	COPEN11_015	Balaji Nanda K	Development of positive laser textures on a cutting tool for its improved tool life	Paper selected for Oral presentation.
16	COPEN11_016	Shrikant B Thorat	Dip Photochemical Etching of Tubular Bioimplants	Paper selected for Oral presentation.
17	COPEN11_017	B. Anand Ronald	EVALUATION OF SURFACE FINISH OF Al 6061 AND SS 304 PIPES FINISHED USING MAGNETIC ABRASIVE FINISHING	Paper selected for Oral presentation.
18	COPEN11_018	Gaurav Mehta	A Diagnostics Approach for Additive Manufacturing Machine	Paper selected for Oral presentation.
19	COPEN11_019	Raza Sohaib	Discharge Gap Analysis of Controlled RC based µEDM Process	Paper selected for Oral presentation.
20	COPEN11_020	Manikandan M	DEVELOPMENT OF ZnO NANOCOMPOSITE BASED FLEXIBLE AND ECO-FRIENDLY PIEZOELECTRIC NANOGENERATOR	Paper selected for Oral presentation.
21	COPEN11_021	Simson D	Investigation on Mechanical Properties and Coefficient of Friction of Aluminium Reinforced PLA Composites Fabricated using FDM	Paper selected for Oral presentation.
22	COPEN11_022	Jinka Ranganayakulu	Experimental Investigations on the Effect of High Speed Helical Tool Diameter in Electrochemical Discharge Machining	Paper selected for Oral presentation.
23	COPEN11_023	Belyaev S.	Influence of heat treatment on the structure of the 5-layers NiTi sample produced by WAAM	Paper selected for Short presentation.
24	COPEN11_024	Murugesh Munaswamy	Synthesis and characterization of TiO2 and graphite nanoparticles by pulse laser ablation at solid-solid interface	Paper selected for Oral presentation.
25	COPEN11_025	Ram Singar Yadav	Hybrid Machining Processes on Hybrid Metal Matrix Composites: A review	Paper is selected for Short presentation.
26	COPEN11_026	Vinod Pare	Dynamic compression behavior and modeling of an aluminum alloy	Need to address the reviewer comments & Paper is selected for Short presentation.
27	COPEN11_027	Leeladhar Nagdeve	Preliminary Experimental investigations into Magnetic Abrasive Finishing of Aluminum Shaft	Paper is selected for Short presentation.
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29	COPEN11_029	Yashvardhan Singh Chouhan	Thermo-mechanical Analysis of Ventilated and Solid Disc Brake Pad Model	Paper is selected for Short presentation and case study Presentation.
30	COPEN11_030	Abhisar Chouhan	Artificial Neural Network Based Fault Diagnostics for Induction Motors in Different Machine Tool Applications	Need to address the reviewer comments & Paper is selected for Oral presentation.
31	COPEN11_031	S. Rakhecha	Friction and Wear Analysis of Tungsten Carbide-Cobalt Coating	Need to address the reviewer comments & Paper is selected for Short presentation.
32	COPEN11_032	S. S. Mani Prabu	Investigations on the Actuation Behaviour of Friction Stir Welded NiTi Shape Memory Alloy Using Continuous Fibre Laser	Paper selected for Oral presentation.
33	COPEN11_033	Ram S. Mohril	Fleet Maintenance Data Management Framework:A Novel Approach	Paper selected for Oral presentation.
34	COPEN11_034	Vincent L Dsouza	Development of a novel long-range Inchworm motor using piezo actuator and implementation of trajectory for motion planning	Paper selected for Oral presentation.
35	COPEN11_035	Muralidharan M	Shape Memory Alloy actuated Bio-inspired Jellyfish Robot	Paper selected for Oral presentation.
36	COPEN11_036	Kulkarni Achyuth Rao	Effect of open environment laser-nitriding on mechanical and fretting wear behavior of A356-alloy	Paper selected for Oral presentation.
37	COPEN11_037	Karthick S	Investigation on Electrical Actuation for Cu based Shape Memory Alloy Coated Optical Fiber	Paper selected for Oral presentation.