

# International Conference on Recent Innovations & Developments in Mechanical Engineering

## November 8 – 10, 2018

### Best Oral Presentation Award (Session wise)

Paper ID	Title	Presenting Author
<b>Day - 1</b>		
1.1 FM 1		
<b>194</b>	A COUPLED LEVEL SET AND VOLUME-OF-FLUID METHOD FOR MODELLING TWO-PHASE FLOWS	Hiranya Deka
<b>203</b>	THE ROLE OF PARTICLE DIAMETER ON THE FLUIDIZATION BEHAVIOR IN A BUBBLING GAS-SOLID FLUIDIZED BED	Subrat Kotoky
1.1 MM 1		
<b>207</b>	A NUMERICAL STUDY OF THE EFFECT OF GROUSER SHAPES ON TRAFFICABILITY OF EXTREMELY SOFT SEABED SOILS	Sumith S
1.2 FM 2		
<b>277</b>	A STUDY ON THE WAKE REGIME CONTROL AND DRAG REDUCTION USING SINGLE SPLITTER PLATE FOR A FLOW PAST A SEMICIRCULAR CYLINDER	Sunil Manohar Dash
1.2 MM 2		
<b>349</b>	INDUCTION OF CONDITIONING AND ITS OPTIMIZATION IN NON-CONVENTIONAL PLASMA MACHINING PROCESS OF FUSED SILICA	Enni Krishna
<b>Day - 2</b>		
2.1 MM 3		

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Paper ID	Title	Presenting Author
<b>283</b>	ACHIEVING DESIRED MODULUS BY VARYING PORE PARAMETERS USING FINITE ELEMENT ANALYSIS	S. Datta
	2.1 RE SEA	
<b>186</b>	ENERGY SAVING POTENTIAL OF AN AIR-CONDITIONING SYSTEM WITH DESICCANT AND SOLAR ASSISTED VENTILATION	Gaurav Singh
	2.2 RE SEES	
<b>128</b>	COMPUTATIONAL ANALYSIS OF SENSIBLE ENERGY STORAGE FOR LOW TEMPERATURE APPLICATION	Sujit Roy
	2.2 VA	
<b>125</b>	EFFECT OF JOURNAL MISALIGNMENT AND COUPLED-STRESS LUBRICANT ON THE FILM PRESSURE OF A DOUBLE-LAYERED POROUS JOURNAL BEARING	Shitendu Some
	2.3 TE 1	
<b>364</b>	CFD BASED STUDY ON THERMAL AND FLUID FLOW DYNAMICS DUE TO MILLER TEETH SHAPED RIBS OVER ABSORBER PLATE OF SOLAR AIR COLLECTOR	P. J. Bezbaruah
	2.3 RM	
<b>202</b>	GEODESIC APPROACH FOR TRAJECTORY PLANNING OF MOBILE ROBOT MANIPULATORS	B. K. Balabantaray
	2.4 TE 2	
<b>166</b>	ANALYTICAL MODEL FOR TRI-DIMENSIONAL FOURIER BIOHEAT TRANSFER ENCOUNTERED IN REGIONAL HYPERTHERMIA	Jaideep Dutta

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Paper ID	Title	Presenting Author
Day - 3		
3.1 MMVA		
284	A STUDY OF EFFECT OF MICRO-ALLOYING OF TIN ON AGEING BEHAVIOUR OF 6XXX SERIES ALUMINIUM ALLOYS	Monoj Baruah
3.1 EATM		
286	COMPARATIVE STUDY OF STRESS ANALYSIS FOR THREE BLADED UNDERWATER VEHICLE PROPELLERS WITH TWO DIFFERENT COMPOSITE MATERIALS	P. Majumder
3.2 TE - 3		
307	SIMULATION OF EMISSION FROM COAL FIRED POWER PLANT	P. Nimalipuri
3.2 MM - 5		
126	PCA-GRA INTEGRATED MULTI RESPONSE OPTIMIZATION OF WIRE EDM PROCESS PARAMETERS ON SURFACE ROUGHNESS AND POWER CONSUMPTION OF TI-6AL-4V ALLOY FOR SUSTAINABLE PRODUCTION	D Devarasiddappa
3.3 RE&P		
225	STUDY OF LPG AND BIOGAS COMBUSTION IN A DOUBLE LAYER SIDEWAY FACED POROUS RADIANT BURNER (SFPRB)	Sangjukta Devi
18	EXERGY ANALYSIS OF A VARIABLE COMPRESSION RATIO ENGINE OPERATED ON DIESEL AND PINE SEED OIL BIODIESEL BLENDS	S. P. Singh

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Paper ID	Title	Presenting Author
	3.3 MM 6	
<b>296</b>	EFFECT OF $\mu$ EDM MILLING PROCESS PARAMETERS ON SURFACE ROUGHNESS DURING MACHINING TI-6AL-4V	Basil Kuriachen

### Best Poster Presentation Award (Day wise)

Paper ID	Title	Presenting Author
Day 1		
<b>270</b>	ANALYSIS ON HYDROGEN UPTAKE INTO STEEL FROM LUBRICATED SLIDING CONTACT USING IN-SITU MONITORING TECHNIQUE	K Sreeraj
Day 2		
<b>266</b>	THREE-DIMENSIONAL NUMERICAL MODELLING OF TEMPERATURE PROFILES ON THE WIRE ELECTRODE DURING WIRE ELECTRIC DISCHARGE MACHINING PROCESS	Sanghamitra Das
<b>347</b>	DEVELOPMENT OF A MAGNETIC FIELD ASSISTED FINISHING (MFAF) PROCESS FOR NANOFINISHING OF FERROMAGNETIC AIR COMPRESSOR CYLINDER	Ambrish Singh
Day 3		
<b>358</b>	COMPUTATIONAL STUDY OF SLOT JET IMPINGEMENT HEAT TRANSFER ON A COMBINED DIMPLED AND PROTRUDED CONCAVE SURFACE	Alankrita Singh