

Paper ID	Author(s)	Title
3	Prayag Raj Chanda and Agnimitra Biswas	INVESTIGATION OF GREENHOUSE SOLAR DRYER IN PASSIVE MODE
6	Abhimanyu Chaudhari, Ashwani Sharma, Mohd Zaheer Khan Yusufzai and Meghanshu Vashista	APPLICATION OF MICROMAGNETIC METHOD IN ULTRASONIC VIBRATION ASSISTED GRINDING TO ESTIMATE THE SURFACE INTEGRITY OF TOOL STEEL
7	Pohor Patric Debbarma, Manas Mohan Mahapatra and Bipul Das	ESTIMATION OF ULTIMATE TENSILE STRENGTH AND PERCENTAGE OF ELONGATION IN FRICTION STIR WELD JOINTS OF CRYO-ROLLED AL-MG-SI ALLOYS
11	Jagdish Paikaray, Alon Rongphar, Subhankur Dutta and Dr. Amit Kumar Singh	OPTIMIZATION OF PARAMETERS IN ELECTROCHEMICAL MACHINING BY APPLYING VIKOR
12	L Bongpai Konyak, Longshibemo Jami, Subhankur Dutta and Dr. Amit Kumar Singh	OPTIMIZING PARAMETERS OF ULTRASONIC MACHINING USING TOPSIS METHOD
14	Sarvesh Vartak, Sagar Vaze and Rishabh Melwanki	CFD ANALYSIS OF CACTUS AND INVERTED TRAPEZOIDAL SHAPE FIN PROFILE FOR FOUR STROKE IC ENGINE
15	Nirbhay Sharma and Somesh Sharma	ROLE OF MULTI-AGENT TECHNOLOGY IN PREVENTING BREAKDOWN PROBABILITIES: EXPLORING RESEARCH DOMAIN FROM LITERATURE REVIEW
20	Ashwani Kumar, Ravikiran Kadoli and Sharnappa Joladarashi	THE SECTOR FINITE ELEMENT FOR THERMAL BUCKLING ANALYSIS OF ISOTROPIC ANNULAR DISC
23	Parthasarathi Deb and Abhishek Paul	EVALUATION OF PERFORMANCE, COMBUSTION AND EMISSION CHARACTERISTICS OF A CI ENGINE USING DIESEL-PROPANOL-DIETHYL ETHER TERNARY BLENDS
30	Mehdi Mehtab Mirad, Saka Abhijeet Rajendra, Jasper Ramon and Bipul Das	HARMONIC ANALYSIS OF ULTRASONIC MACHINING TOOL THROUGH FINITE ELEMENT METHOD
31	Prodipti Dutta, Paragmoni Kalita and Partha Pratim Dutta	NUMERICAL INVESTIGATIONS ON THE THERMAL PERFORMANCE OF A SINGLE CYLINDER S.I ENGINE
34	Shatarupa Biswas, Yogesh Singh and Manidipto Mukherjee	OPTIMIZATION OF MRR AND KW OF SS 316 IN WIRE EDM BY RSM TECHNIQUE
36	Anandakumar S, Sujatha Chandramohan and Suryanarayana Prasad	ANALYTICAL MODEL FOR COMBINED RIDE AND HANDLING IN COMMERCIAL VEHICLE
41	Geetakshi Teli and Sumit Bhowmik	INFLUENCE OF FILLER CONTENT ON THE MECHANICAL AND WEAR PROPERTIES OF HEMP FILLER REINFORCED POLYMER MATRIX COMPOSITES
42	Abir Saha, Santosh Kumar, Kshounish Brahma and Dr. Sumit Bhowmik	NUMERICAL ANALYSIS OF HEMP FIBER REINFORCED EPOXY COMPOSITES FOR EVALUATING MICRO-MECHANICAL CHARACTERISTICS
43	Rajdeep Paul, Vijay Kumar Mahakur and Sumit Bhowmik	INFLUENCE OF FILLER SUPPORT AND APPLIED LOAD ON THE WEAR CHARACTERISTICS OF THE BAMBOO POWDER SUPPORTED POLYMER COMPOSITE
51	Nagiredla Suryarao, Joladarashi Sharnappa and Kumar Hemantha	PASSIVE AND ACTIVE VIBRATION CONTROL OF HYBRID COMPOSITE SANDWICH BEAM
54	Sudhir Kumar and Rajeev Nayan Gupta	A REVIEW ON FABRICATION AND PROPERTIES OF MAGNESIUM METAL MATRIX COMPOSITE MATERIALS
55	Bidisha Chetia and Prasanta Kumar Choudhury	PROCESS OPTIMISATION FOR CI ENGINE CHARACTERISTICS WITH WASTE COOKING OIL BIODIESEL
58	Amit Kumar and Lalta Prasad	EXPERIMENTAL STUDY ON A SOLAR PHOTOVOLTAIC THERMAL MODULE INTEGRATED WITH PHASE CHANGE MATERIAL
60	Jitendra Kumar, Vishal Mishra and Sushant Negi	AN OVERVIEW OF RESEARCH ON FFF BASED ADDITIVE MANUFACTURING OF POLYMER COMPOSITE
61	Anik Banerjee, Amit Roy Chowdhury and Subrata Saha	COMPARATIVE STUDY OF A PATIENT-SPECIFIC TMJ IMPLANT – FINITE ELEMENT ANALYSIS APPROACH

Paper ID	Author(s)	Title
63	Gs Biradar, Sumit Bankey, Majid Hasan Khan, Ganapati Joshi and Amit Agrawal	SEPARATED FLOW AROUND DRAGONFLY INSPIRED CORRUGATED AIRFOIL AT LARGE ANGLE OF ATTACK IN FREE STREAM TURBULENCE
65	Karthik C B, Vaishali Gupta and Sudip Dey	STOCHASTIC DEFLECTION ANALYSIS OF LAMINATED COMPOSITE SHELLS
67	Subrata Bhowmik, Abhishek Paul and Rajsekhar Panua	HYBRID ANN-MOGA-II-AHP BASED PERFORMANCE-EMISSION OPTIMIZATION OF DIESEL-ETHANOL FUELED CRDI ENGINE
69	Devendra Kumar Sonkar, Subhankar Saha, Kritesh Kumar Gupta, Saikat Ranjan Maity and Sudip Dey	MACHINE LEARNING BASED UNCERTAIN MACHINING TIME MAPPING IN WEDM OF NAB ALLOY
70	Syed Mohammad Shafi, Saikat Ranjan Maity and Lokeswar Patnaik	COMPARATIVE STUDY ON THE STRUCTURAL MAKE-UP, PHYSICAL AND ANTIBACTERIAL BEHAVIOR OF NITRIDE BASED AND SILICON DOPED COATINGS
71	Vivek Kumar Mishra, Subrata Bhowmik and Rajsekhar Panua	ANN MODELING OF PERFORMANCE EXHAUST EMISSIONS OF CRDI ENGINE UNDER DIESEL-BUTANOL BLENDS
72	Suraj Suresh Patil, Mohith S., Navin Karanth P. and S. M. Kulkarni	A DEVELOPMENT OF MICROPUMP BASED ON COOLING SYSTEM FOR LAPTOPS
73	Bidesh Roy, Rahul Dev Misra, Krishna Murari Pandey and Anupam Debnath	CFD INVESTIGATION OF 180O SHROUDED INTAKE VALVE FOR ASSESSMENT OF PRESSURE VARIATION ON ITS SHROUD SURFACE
74	Pallab Sarmah and Promod Kumar Patowari	FABRICATION OF AL AND MG-BASED METAL MATRIX COMPOSITES WITH SIC REINFORCEMENT PARTICLES
75	Sunny Saurabh and Dr. Yogesh Singh	DESIGN AND DEVELOPMENT OF NI-TI ALLOY (SMA) BASED COMPLAINT LINEAR ACTUATOR
76	Animesh Goswami and T.K. Gogoi	PERFORMANCE ANALYSIS OF A REGENERATIVE RANKINE CYCLE WITH EMPHASIS ON COMPONENT LEVEL DESIGN
78	K Krishna Murthy	INVESTIGATIONS ON HYDRO-THERMAL PERFORMANCE OF A MICROCHANNEL HEAT EXCHANGER USING MICROCHAMBERS WITH RIBS
85	Mahesh Naik and Ravi Bhatt	NUMERICAL INVESTIGATION ON EFFECT OF TOOL GEOMETRY AND PROCESS PARAMETERS ON FORCES DURING BACKWARD FLOW FORMING PROCESS
88	Jnanaranjan Acharya, Aishik Dinda, Dr. Dipankar Bhanja and Prof. Rahul Dev Misra	EFFECT OF EXTERNAL STEP HEATING IN BIOLOGICAL TISSUE USING DUAL PHASE LAG BIOHEAT TRANSFER MODEL : A NUMERICAL APPROCH
89	Aishik Dinda, Jnanaranjan Acharya and Dr. Dipankar Bhanja	HEAT TRANSFER ANALYSIS IN HUMAN SKIN DURING HYPERTHERMIA TREATMENT USING DUAL PHASE LAG MODEL: A FINITE DIFFERENCE APPROACH
92	Sudhanwa Kulkarni, Vemu Priyal, Kiran Mali and Dhananjay Kulkarni	EFFECT OF *IMPERFECTION AND VARIOUS CONTACT ALGORITHMS ON THE SIMULATION OF QUASI-STATIC COLLAPSE OF THIN-WALLED ENERGY ABSORBERS USING ABAQUS/EXPLICIT
94	Supreme Das, Agnimitra Biswas and Biplab Das	THERMAL ANALYSIS OF A NOVEL JET IMPINGEMENT SOLAR AIR HEATER DESIGN USING OPTIMAL TRAINING FUNCTION IN AN ARTIFICIAL NEURAL NETWORK
95	Shashi Kumar, Anwesha Pal, Anuja Roy and Atanu Sahu	PARAMETRIC STUDIES ON VIBRATION RESPONSE OF FG SHELL PANELS
96	Bhavyashree N, Ashish Singh, Shashi Kumar, Anwesha Pal, Sourav Chandra, Anuja Roy and Atanu Sahu	VIBRATION CONTROL OF COMPOSITE SHELL PANELS BY SPRING -MASS RESONATORS IN THERMAL ENVIRONMENT
97	Sumit Rai, Bhaskar Ranjan Tamuli and Dr. Sujit Nath	NUMERICAL ANALYSIS OF FLOW OVER SLITTED CYLINDER UNDER HIGH BLOCKAGE
98	Lav Dhar Dubey, Kalugotla Vijaya Raju, Rajat Gupta and Anal Ranjan Sengupta	EXPERIMENTAL AND COMPUTATIONAL ANALYSIS OF SYMMETRICAL AND UNSYMMETRICAL NACA PROFILES
99	Bikashjyoti Das, Sarthak Dwivedi, Abhishek Kumar, Vishwash Singh and Sujit Kumar Pattanayak	COMPARATIVE STUDY OF MOODIE YOUNG'S METHOD AND LARGEST CANDIDATE RULE IN ASSEMBLY LINE BALANCING

<b>Paper ID</b>	<b>Author(s)</b>	<b>Title</b>
100	Lakshi Nandan Borah, Chandrangith K P and Sudipta Halder	THERMAL CHARACTERIZATION OF POLYDOPAMINE (PD) BASED VITRIMER POLYMER COMPOSITES
101	Mithlesh Kumar Mahto, Adarsh Kumar, Meghanshu Vashista and Mohd Zaheer Khan Yusufzai	ASSESSMENT OF WELD IMPERFECTIONS OCCURRING DURING FRICTION STIR CLADDING OF COPPER ON ALUMINIUM