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	D Tvagaraja, T. Millerda, Tradeep Kullar and Mit Maykullar
PA0310	Irreversibility Nonlinear Mixed Convective Time-Based Flow Analysis of Casson-
	Williamson Nanofluid Accelerated by Curved Melting Stretching Surface with
	Higher Order Slip
	Felicita A, Nagaraja B, Pradeep Kumar and Ajaykumar AR
<u>PA0311</u>	Numerical study of heat and mass transfer to micropolar fluids over a curved
	stretching sheet with double stratification
	VIDHYA REDDY
PA0312	Electrification of alumina nanoparticles experiencing haphazard motion and
PA0512	thermophoresis: Dynamics of water-based nanofluid on a vertical surface
	Ashok Misra, Aditya Kumar Pati and Saroj Kumar Mishra
PA0313	Entropy generation analysis in radiative and dissipative Casson hybrid ferrofluid past
	a thin needle
	MD. Shamshuddin and S.O. Salawu
PA0315	Exploration of the Fluid Flow in the Unsteady Lid-Driven Cavity Problem with
	Magnetic Field Under the Influence of Internal Obstacles
	Dalmalka Praveen Kumar,O. Anil Kumar
<u>PA0316</u>	Runup Flow of Couple Stress Fluid Through Parallel Plates Due to Sudden Stoppage
	of Pressure Gradient
DA0217	D. Anjali, J.V. Ramana Murthy and Naresh Reddimalla Numerical Investigation on Hydro-thermal Characteristics of Microchannel Heat
<u>PA0317</u>	Sinks with PCM Inserts for Effective Thermal Management Applications
	Naga Ramesh K, Karthikeya Sharma T, Amba Prasad Rao G
PA0318	Ultrasonic Waveguide Sensors for Fluid level Sensing and Temperature
1 40510	Measurements using L, T, F Wave modes
	Suresh Periyannan, and Abhishek Kumar
PA0319	CFD Analysis of Turbulent Flow Characteristics of Charge Inside the Combustion
	Chamber of a Dual–Fuel HCCI Engine under varying Swirl ratios
	A Navanth, T Karthikeya Sharma and G. Amba Prasad Rao
PA0320	Effects of the Piston Bowl Re-entrant Angle on the Performance, In-cylinder Fluid
	Flow and Emissions of Dual Fuel HCCI Engines
	Ch. Mohana Simhadri Apparao, T. Karthikeya Sharma, G. Amba Prasad Rao
<u>PA0321</u>	Transport Phenomenon Analysis to Enhance Peristaltic Motion for Hybrid Nanofluid in Curved Microchannel
040222	Srivally Adurthy, Amalendu Rana, Motahar Reza Flow of couple stress fluid in partially filled porous medium through the annular
<u>PA0322</u>	region of coaxial cylinders
	Shaik Shafi , Ramana Murthy J.V, and Ram Prakash Sharma
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<b>PA0010</b>	Response Analysis of a Rectangular Raft Foundation under Vertical Load using FE-
	BE Coupling Approach
	Tapabrata Roy, Dr. Subhasish Roy Chowdhury and Dr. Jagat Jyoti Mandal
PA0012	Vacuum Assisted Resin Transfer Moulding (VARTM) based Modelling and Testing
	to predict the bending performance omega beams
	RAHUL VENKATESAN Rafath Abdul Nasser
PA0017	Fractional Cattaneo-type telegraph equation in axisymmetric and central symmetric
	with time-harmonic source and associated thermal stresses
	Sagar Ningonda Sankeshwari and Vinayak S. Kulkarni
PA0019	Eigenfrequency analysis of cutouts Exponential FGM plate
140015	Kushal Jana1, Salil Haldar
PA0025	Resonant pull-in condition of microbeam with electrostatic force actuation using
<u>FA0025</u>	couple stress theor
	Gyana Ranjan Saw, Goutam Chakraborth
<b>DA0020</b>	Biomechanical Analysis of Human Postural Control with an Aid of Auditory Stimuli
<u>PA0039</u>	K. Adalarasu, M. Jagannath, Abhenay Shree
	K. Adalarasu, W. sagainani, Aohonay Shree
	Use of Locknut for Prevention of Loosening Phenomenon in Bolted Joints
<u>PA0045</u>	Sandeep D. Borawake, Sachin S. Naik
	Sandeep D. Dorawake, Saenin S. Naik
<b>DA004</b> C	Structural Design and Analysis of Airframes for High Speed Aerothermal loads with
<u>PA0046</u>	different Material options
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	Mohammad Abdul Basheer, Mohammed Khizer Mohiuddin Siddiqui, G. Jayanthi and Syed Adil
<b>D</b> 4 0 0 5 0	The Influence Of Contact Pressure And Load On Metallic Wear On Both Smooth
<u>PA0050</u>	And Rough Surfaces
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<b>DA0053</b>	Reflection phenomena and nonlocal effect on phase velocity of plane wave in an
<u>PA0053</u>	initially stressed triclinic half space at stress free boundary interface.
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DAGOEC	Experimental validation of composite ogival structures of aerospace vehicles
<u>PA0056</u>	Gopikrishna R, Ramalingam T, Nagendranath A, Seetharaman S, Varadanam M
	Gopikrisinia K, Kamanigani T, Nagendranati A, Seemaraman S, Varadanani M
	Effects of anow fillet on the static and buckling properties of adhesively handed
<u>PA0060</u>	Effects of spew fillet on the static and buckling properties of adhesively bonded
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	Brian Aldrin Lopez and Shashank Vadlamani
<u>PA0067</u>	Free vibration of laminated composite and sandwich plate with eccentric circular
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<b>PA0080</b>	Non-linear oscillation of a neo-Hookean material hyperelastic incompressible tube
	using the Lie-point symmetry
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PA0082         Thermodynamically consistent modified Lord-Shulman generalized thermoelasticity with strain-rate Indrail) Sarkar & Gaurav Singh           PA0092         Analysis of fractional Cauchy reaction-diffusion equations using an efficient method DEEPAK UMRAO SARWE Kulkarni Vinayak           PA0103         Boundary Characteristic Orthogonal Polynomials for free Vibration of Eulerã@Bernoulli Nanobcam exposed to Hygro-Magnetic Environment Embedded in Elastic Foundation SUBRAT KUMAR JENA           PA0111         Erosion Behavior of Natural Fiber Reinforced Polymer Composites: A Taguchi Approach Neha Baraya, MB Gowrishankar, Babar Pasha Mahammod, Chittibabu Golla and R.N. Rao           PA0115         Effect of Axial Load on Static and Figenvalue Characteristics of MEMS with Compliant Support Umesh M. Khot , Amar K. Gaonkar           PA0118         In-plane energy absorption characteristics of a modified re-entrant auxetic structure Kaustav Moni Bora, Bijaya Bikram Samal, Shailendra Kumar Varshney and Cheruvu Siva Kumar           PA0132         Model Order Reduction Using Modified Component Mode Synthesis Method Lokesh B. Jogi and Amar K. Gaonkar           PA0144         Low Frequency NMR Relaxometry Studies of Elastomeric Thermal Insulation Liners for Aerospace Structures Ramesh Babu Da, Kuchipudi Srinivas, R Narasimha Rao, A Madhusudhana Rao, Ch. Sri Chaitanya           PA0147         Design and Development of a Hybrid Model for Impact Analysis on Underwater Vehicles Pankaj Meena and R. Sharma           PA0146         Nonlinear wave propagation through a nonideal dusty gas with mixed nonlinearity Sagar Lahanu Khairnar, Madhumita Gangopadhyay	-	
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