



ICRAMERD - 22

IN VIRTUAL MODE

Best Paper Award – ICRAMERD 2022

Paper ID	Paper Title	Authors	Presenting Author	Affiliation of Corresponding Author
ICRAMERD22_5681	Numerical investigation on the effect of inclination angle of the wall fin on the hydrogen - air micro-combustion	K A Srinivasa Raghavan, E Rajesh, V R K Raju and S Srinivasa Rao	K A Srinivasa Raghavan	NIT Warangal
ICRAMERD22_4329	Green synthesis and characterization of CeO ₂ and Ni-doped CeO ₂ nanoparticles and its dielectric properties	Sthitiprajna Muduli and Tapas Ranjan Sahoo	Sthitiprajna Muduli	Department of Chemistry, School of Applied Sciences, KIIT Deemed to be University, Bhubaneswar, Odisha
ICRAMERD22_7060	Fault Detection of a Li-ion Battery using SVM based Machine Learning and Unscented Kalman Filter	S Chatterjee, R K Gatla, P Sinha, C Jena, S Kundu, B panda, L Nanda and A Pradhan	Chitralkha Jena	KIIT University
ICRAMERD22_1581	Experimental investigations on corrosion performance of heated-treated AZ91 Mg alloy	Sambeet Sahu, Nirmal Kund and Pabak Mohapatra	Pabak Mohapatra	Department of Production Engineering, VSS University of Technology, Burla 768018, India
ICRAMERD22_3409	Experimental study of Al ₂ O ₃ -H ₂ O nanofluid in a square natural convection cavity	Debashis Dey, Abhilash Kanungo and Sukanta Kumar Dash	Debashis Dey	Department of Mechanical Engineering, ITER, Siksha 'O' Anusandhan (Deemed to be University)
ICRAMERD22_4091	MECHANICAL PROPERTIES AND MORPHOLOGY BEHAVIOR OF BANANA FIBER/ RICE HUSK/ EPOXY RESIN HYBRID COMPOSITES	Deepan S, Jeyakumar R, Mohankumar V and Manojkumar A	Deepan S	Department of Mechanical Engineering, KPR Institute of Engineering and Technology, Coimbatore 641407
ICRAMERD22_5330	Mathematical Investigation on Circularity Error of FDM built parts	Dipabrata Banerjee, Omkar Mohanty, Debarghya Mallik, Swayam Bikash Mishra and Basanta Kumar Nanda	Dipabrata Banerjee	KIIT University
ICRAMERD22_7012	PERFORMANCE ANALYSIS OF 700 kw SOLAR PV GRID CONNECTED SYSTEM: AN EMPIRICAL STUDY	Gnanasekaran Sasikumar, Sivasangari Ayyappan , U.Sudhakar	Gnanasekaran Sasikumar	Department of Mechanical Engineering, GMR Institute of Technology, Srikakulam-532127, Andhra Pradesh, India.
ICRAMERD22_2194	A study on the selection of electrode materials for hepatic radiofrequency ablation: a numerical approach	Shubhamshree Avishek, Sikata Samantaray	Shubhamshree Avishek, Ayushman	Department of Mechanical Engineering, ITER, Siksha 'O' Anusandhan (Deemed to be University)

ICRAMERD22_0845	Numerical study of pressure drop calculation for Newtonian slurry through a multi-segmented HDPE pipeline517	Sai Swapnesh Mishra, Sibajyoti Danapriya Sahoo, Amrit Sagar Khuntia, Ashish Kumar Parida, Shrutam Saha, Sambit Kumar Mohanty, Dhirendranath Thatoi and Namballa Dharma Rao	Sai Swapnesh Mishra	Department of Mechanical Engineering, ITER, Siksha 'O' Anusandhan (Deemed to be University)
ICRAMERD22_8686	Effect in Mechanical and Physical Properties of Bricks due to Addition of Waste Polyethylene Terephthalatein	Anurag Wahane, Shivendra Dwivedi and Divya Bajaj	Anurag Wahane	CSVTU, Newai, Bhilai-491107
ICRAMERD22_3225	Experimental Investigations on Mechanical and Water Absorption Properties of Epoxy Resin Matrix Sugarcane and Tamarind Shell Powder Reinforced Bio-Composites	Jayaraman R, Viknesh M and Girimurugan R	Jayaraman R	Department of Mechanical Engineering, Vinayaka Mission's Kirupananda Variyar Engineering College, Vinayaka Mission's Research Foundation (Deemed to be University), Salem 636308, Tamilnadu, India

Organised by,



S'O'A University

In Collaboration with,



IIIE Odisha Chapter

Department of Mechanical Engineering
Institute of Technical Education and Research

Siksha 'O' Anusandhan

(Deemed to be University)

Bhubaneswar, Odisha, India

Tel: 9778331433

Email - icramerd22@soa.ac.in