



# ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

An **AUTONOMOUS** Institution

Approved by AICTE, Permanently Affiliated to JNTUK, Accredited by NBA & NAAC with A+ Grade  
Recognized by UGC under Sections 2(f) and 12(B) of UGC Act, 1956  
Aditya Nagar, ADB Road, Surampalem, Kakinada District - 533 437, A.P.  
Ph: 99591 76665, Email: office@acet.ac.in, www.acet.ac.in

## DEPARTMENT OF MECHANICAL ENGINEERING

### List of Conference Papers

AY:2024-25

Date: 12 – 11- 2024

S. No.	Name of the faculty	Title of the Conference paper	Name of the conference	Organized by College with location	National / International
1	Mr. Abdul Arif	Study the Fabrication of Hybrid Composite of Glass Fiber & Jute Flex with Epoxy Resin & Graphite Powder	International Conference on Recent Advances in Design and Manufacturing	NATIONAL INSTITUTE OF TECHNOLOGY PATNA	International
2	Mr. Abdul Arif	Mechanical Characterization of Tungsten Inert Gas (TIG) welding of Titanium Alloy (Ti6Al4V)	International Conference on Recent Advances in Design and Manufacturing	NATIONAL INSTITUTE OF TECHNOLOGY PATNA	International
3	Dr.K.Siva Satya Mohan	ANALYSIS OF INFLUENCE OF EXHAUST GAS RECIRCULATION ON A CRDI ENGINE POWERED BY DIESEL-BIODIESEL BLENDS	Recent Advancement in Chemical Sciences: A Sustainable Approach-2024(RACSSA-2024)	GIET University, Gunupur	International
4	Dr DVSSSV Prasad	Investigation of tempered AISI 420 SS under dry slided conditions for sustainable applications	"16th International Conference on Materials Processing and Characterization"	Nirma University, Ahmedabad, India.	International

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5	Dr DVSSSV Prasad	Kinetics of Stainless-Steel Material by Plasma nitriding Process for sustainable applications	"16th International Conference on Materials Processing and Characterization"	Nirma University, Ahmedabad, India.	International
6	Dr Marxim Rahula Bharathi B	Hardness and Compressive Properties on Metal Matrix Composites with Influence of Nano-Ceramic Particles Through Powder Metallurgy Process	ICMECH-REC 23: International Conference on Mechanical Engineering: Researches and Evolutionary Challenges	National Institute of Technology Warangal	International
7	Mr. Yadluri Ravi Kishore	A Fusion of SVR and Fully Connected Networks for Improved RUL Prediction of Lithium-Ion Batteries	GCITC-2024		International

  
R&D Coordinator

  
Head of the Department  
Dept. of ME  
Aditya College of Engineering  
& Technology  
SURAT