



ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY
(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)
Rajampet, Annamayya District, A.P – 516126, INDIA

Faculty Profile

Basic Information:

NAME : Dr. Kishore Kumar Nandyala
DESIGNATION : Assistant Professor
DEPARTMENT: Mechanical Engineering
DATE OF BIRTH : 10/06/1988
DATE OF JOINING : 11/07/2013
EMAIL ID : nkk@aitsrajampet.ac.in
EMPLOYEE ID: AITS031021



Academic Profile:

Qualification	Name of the Board/University	YEAR
P.hD	Visvesvaraya Technological University	2023
M.Tech	JNTUA	2013
B.Tech	JNTUA	200G

Research Details:

1. Areas of Specialization	:	Material Science
2. No. of Publications	:	07
3. Awards Received	:	NIL
4. Research Guidance		
	No. of PhD Guided:	NA
	No. of M.Tech. Guided:	02
	No. of B.Tech. Guided:	15
5. Details of Professional Membership:		NIL
6. Subjects Taught	:	Engineering drawing, Engineering mechanics, Mechanic tools, cad/cam, Operation research, Engineering metrology, Engineering materials, Disaster management, Computer aided process planning,



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Publication Details:

Title	Publisher	Published Year
1.Effect of TiO ₂ , BN, and WC Nano-Reinforcement on the Mechanical and Tribological Performance Al7075 Hybrid Composites	E3S Web of Conferences	2026
2. Microstructural Characteristics of Friction Stir Welded AZ91 and AZ31B Magnesium Alloys.	International Journal of Vehicle Structures & Systems (IJVSS)	2025
3. Smart Materials for Crashworthiness and Structural Integrity in Electric Vehicles	International Journal of Engineering Trends and Technology	2025
4. Smart Materials Revolutionizing Automotive Technology: Applications, Challenges, and Future Directions	International Journal of Engineering, Trends and Technology	August 2024
5. Applying Grey Fuzzy logic to Optimization the stir casting process parameters of Al7075-TiO ₂ -BN-WC hybrid composite.	International Journal of Mechanical Engineering	Feb 2022
6. Optimization of Process Parameters of Stir casting Process Using Gray Relation Analysis and ANOVA and studying the Mechanical Properties of Al-75075 by Alloy Reinforced the TiO ₂ +Bn/Bn+Wc/Wc+TiO ₂ .	International Journal of Mechanical Engineering,	Dec 2021.
7. Characterization of Al-707o5/Tio2/Bn/Wc Hybrid Composite fabricated by ultrasonic stir casting process.	Published in Bulletin Monumental,	2021
8. Design and fabrication of low cost ball milling machine for producing nanoparticles	international journal of engineering research	2019
9. Fabrication of Aluminum alloy 2219 by using Stir Casting Process and Comparison of Micro structural and Mechanical Properties of Alloy 2219 with the Industrial based fabricated Alloy	International Journal of Advance Research and Innovative Ideas in education entitled	2019
10. Modeling and Analysis of Human Liver by Using Finite Element Analysis	International Journal of Science and Research	2013

Patent Details:

Title of Patent	Submitted/Published/Awarded
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