



# 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](mailto: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	2009

### 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. Smart Materials Revolutionizing Automotive Technology: Applications, Challenges, and Future Directions	International Journal of Engineering, Trends and Technology	August 2024
2. Applying Grey Fuzzy logic to Optimization the stir casting process parameters of Al7075-TiO <sub>2</sub> -BN-WC hybrid composite.	International Journal of Mechanical Engineering	Feb 2022
3. 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 <sub>2</sub> +Bn/Bn+Wc/Wc+TiO <sub>2</sub> .	International Journal of Mechanical Engineering,	Dec 2021.
4. Characterization of Al-707o5/Tio <sub>2</sub> /Bn/Wc Hybrid Composite fabricated by ultrasonic stir casting process.	Published in Bulletin Monumental,	2021
5. Design and fabrication of low cost ball milling machine for producing nanoparticles	international journal of engineering research	2019
6. 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
7. 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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