



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 :	N.KEERTHI
DESIGNATION :	ASSISTANT PROFESSOR
DEPARTMENT :	MECHANICAL ENGINEERING
DATE OF BIRTH :	30-07-1990
DATE OF JOINING :	25-10-2012
EMAIL ID :	aits.med.nk@gmail.com
EMPLOYEE ID :	AITSO31018



• Academic Profile:

Qualification	Name of the Board/University	YEAR
MTech	Jawaharlal Nehru Technological University , Anantapur	2013
B.Tech	Jawaharlal Nehru Technological University , Anantapur	2011

• Research Details:

1. Areas of Specialization :	ADVANCED MATERIALS ENGINEERING
2. No. of Publications :	6
3. Awards Received :	
4. Research Guidance	
	No. of PhD Guided:
	No. of M.Tech. Guided: 3
	No. of B.Tech. Guided: 10
5. Details of Professional Membership:	IAENG, NITTSD
6. Subjects Taught :	Mechanics Of Solids, Industrial Management ,Management Science ,Unconventional Machining Process, Power Plant Engineering, Advanced Mechanics Of Solids ,Mechanical Vibrations ,Engineering Drawing, Design Of Machine Elements.



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- **Publication Details:**

Title	Publisher	Published Year
1. Thermomechanical Buckling Response of Homogeneous and Functionally Graded Aluminium Beams Using Reddy's Higher-Order Theory	Journal of Mines, Metals and Fuels	2025
2. Optimization Of Process Parameters In Wire-Edm For Stainless Steel-304 By Using Grey-Relational Analysis	Journal of physics :	2024
3. Machining Of Brass And Analysing The Machining Characteristics By Fuzzy And Taguchi	Materials today proceedings	2023
4. Design And Structural Analysis Of Missile Nose Cone	AENSI	2017
5. Design Modification And Analysis Of Flywheel Using In Thresher Machine	IJET	2016
6. Modelling And Analysis Of Machining Characteristics Of Metal Matrix Composite In Milling Process	IJET	2016
6.Design And Fabrication Of Solar Powered Automatic Headlight Brightness Controller.	i-Manager	2015
7..Modelling And Analysis Of Machining Characteristics Of En-8 Steel In Drilling Process	IJERT	2013

- **Patent Details:**

Title of Patent	Submitted/Published/Awarded
1.	
2.	
3.	