



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 :	Lt N.DEEPTHI
DESIGNATION :	Assistant Professor
DEPARTMENT :	Mechanical Engineering
DATE OF BIRTH :	26-08-1989
DATE OF JOINING :	17-11-2012
EMAIL ID :	aits.med.nd@gmail.com
EMPLOYEE ID :	AITSO31019



• Academic Profile:

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

• Research Details:

1. Areas of Specialization	:	Process parameters Optimization
2. No. of Publications	:	05
3. Awards Received	:	Commissioned as a Lieutenant upon successful completion of pre-commission training with A Grade at OTA, Gwalior.
4. Research Guidance		
	No. of B.Tech Projects .Guided:	14
5. Details of Professional Membership:		IAENG
6. Subjects Taught	:	Engineering Metrology, Design of Machine Elements I & II, Automation & Robotics, Metrology & Measurements, Material science & Metallurgy , Management Science, Engineering Drawing

• Publication Details:

Title	Publisher	Published Year
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1. Optimization of Process Parameters in Wire–EDM on Stainless steel 304 Using Grey Relational Analysis	IOP publishing Journal of Physics	2024
2. Machining of brass and analysing the machining characteristics by fuzzy and Taguchi	Materials Today	2023
3. The investigation of mechanical and metallurgical properties on Al7075-TiC-SiC reinforced hybrid composites by stir casting	Int J Mech Prod Eng Res Dev (IJMPERD)	2019
4. Modelling and Analysis of Machining Characteristics of Metal Matrix Composites in Milling process	International Journal of Engineering & Technology	2016
5. Multiple response optimization of wire EDM on aluminium HE30 by using grey relational analysis	Materials Today	2015

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Title of Patent	Submitted/Published/Awarded
Device to Detect Emotions of a Neurological Patient	29/08/2024