



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 :	K NAGAMANI
DESIGNATION :	ASSISTANT PROFESSOR
DEPARTMENT :	MECHANICAL ENGINEERING
DATE OF BIRTH :	13/05/1983
DATE OF JOINING :	01/10/2007
EMAIL ID :	aits.med.knm@gmail.com
EMPLOYEE ID :	AITSO30



• Academic Profile:

Qualification	Name of the Board/University	YEAR
M.Tech	Jawaharlal Nehru Technological University, Anantapur (JNTUA)	2009
B.Tech	Jawaharlal Nehru Technological University, Hyderabad(JNTUH)	2006

• Research Details:

1. Areas of Specialization :	welding
2. No. of Publications :	04
3. Awards Received :	NIL
4. Research Guidance	
	No. of PhD Guided: NIL
	No. of M.Tech. Guided: 01
	No. of B.Tech. Guided: 18
5. Details of Professional membership:	IEI – MIE (Institute of Engineers India)
6. Subjects Taught :	1. FEM 2. ENGINEERING DRAWING 3. CAD/CAM 4. MACHINE TOOLS 5. FLUID MECHANICS AND HYDRAULIC MACHINES 6. UNCONVENTIONAL MACHINING PROCESS 7. INDUSTRIAL ROBOTICS 8. NON CONVENTIONAL SOURCES OF ENERGY SOURCES



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	9. MMS 10. C PROGRAMMING 11. PYTHON 12. MANAGEMENT SCIENCE 13. HRM 14. CIM 15. OPTIMIZATION TECHNIQUES 16. OPERATIONS RESEARCH 17. MECHATRONICS
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• Publication Details:

Title	Publisher	Published Year
1. Optimization and Analysis of Parameters for Multi performance characteristics in drilling of AL6061 by taguchi grey relational analysis and anova analysis”	International Journal of Technology & Engineering Science(IJTES)	2013
2. Quantification of Execution and Emission Efficiency of a fuelled diesel engine with Biodiesel/Diesel blends cotton oil		2020
3. “Design Analysis and Effect of Process Parameters on „Fsbw” of Al (2618a)-SIC Alloy’	IJITEE,	2020
3. “Optimization of Process Parameters In Wire-Edm for Stainless steel -304 By Using Grey-Relational Analysis”	,Journal of Physics: Conference Series	2024

• Conferences Details:

Title	Year
➤ Research & Advanced Innovations in Technology and science”(R&AITS-2021) Augus 2021.	2021
➤ International Conference on Advancements in Sustainable Energy, Materials & Manufacturing Technology (ICASMMT 2024) OF TITLE “Friction stir Welding of Two Dissimilar Materials by Adding Reinforcement to improve Mechanical Properties”	2024