



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. Suresh Babu G
DESIGNATION : Assistant Professor & Head
DEPARTMENT : Mechanical Engineering
DATE OF BIRTH : 08/06/1984
DATE OF JOINING : 11/09/2012
EMAIL ID : gsb@aitsrajampet.ac.in
EMPLOYEE ID : AITS031014



Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph.D.	Visvesvaraya Technological University, Jnana Sangama, Belagavi.	2023
M. Tech	Jawaharlal Nehru Technological University, Hyderabad (JNTUH)	2013
B. Tech	Jawaharlal Nehru Technological University, Anantapur (JNTUA)	2006

Research Details:

1. Areas of Specialization	:	Advanced Manufacturing Systems, Reconfigurable Manufacturing Systems
2. No. of Publications	:	09
3. Awards Received	:	01
4. Research Guidance		
	No. of PhD Guided:	NIL
	No. of M.Tech. Guided:	01
	No. of B.Tech. Guided:	15
5. Details of Professional Membership:		IEI – MIE (Institute of Engineers India)
6. Subjects Taught	:	1. Engineering Drawing 2. Engineering Graphics 3. Engineering Graphics & Design 4. Engineering Mechanics Statics 5. Production Technology



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	6. Manufacturing Technology 7. Machine Drawing 8. Dynamics of Machinery 9. Instrumentation & Control Systems 10. Unconventional Machining Process 11. Modern Machining Processes 12. Production & Operations Management 13. Total Quality Management 14. Human Resource Management 15. Universal Human Values
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Publication Details:

Title	Publisher	Published Year
1. Synthesis and characteristic analysis of an inorganic composite phase change materials for medium-temperature thermal storage.	Powder Technology	2024
2. Review on Characterization and Analytical Measurements for Various Edible and Non-Edible Raw Oil and Biodiesel	International Journal of Vehicle Structures and Systems	2023
3. Waste Heat Recovery from Condenser by using Phase Change Material	International Journal of Vehicle Structures and Systems	2023
4. Performance Optimization of Reconfigurable Manufacturing System Using Dual Step Metaheuristic Approach	TEST Engineering & Management	2022
5. Optimization Of EDM Process Parameters by Using Hybrid Methods	RDMPMC20 & AIJR Publisher	2021
6. Evolutionary Algorithm Technique to Optimize Configurational Cost in Reconfigurable Manufacturing System	International Journal of Recent Technology and Engineering (IJRTE)	2020
7. Optimization of Diesel Engine Performance by Bio Diesel Using Taguchi and Grey Relational Analysis	Mukt Shabd Journal	2019
8. Investigation of Optimum Cutting Parameters for End Milling of H13 Die Steel using Taguchi based Grey Relational Analysis	International Journal of Research in Advent Technology	2018

Patent Details:

Title of Patent	Submitted/Published/Awarded
1. Reconfigurable Manufacturing System Using Dual Step Metaheuristic Approach	Australian Official Journal of Patents