



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 Bhupalam Venkatesh
DESIGNATION : Associate Professor
DEPARTMENT : Mechanical Engineering
DATE OF BIRTH : 19/06/1988
DATE OF JOINING : 10/06/2011
EMAIL ID : bhupalam.venkatesh2005@gmail.com
EMPLOYEE ID : AITS031017



Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph.D	JNTUACE	2020
M.Tech	JNTUACE	2011
B.Tech	Madina Engineering College/ JNTUA	2009

Research Details:

1. Areas of Specialization	:	Thermal engineering
2. No. of Publications	:	06
3. Awards Received	:	01
4. Research Guidance		
	No. of PhD Guided:	01 (pursing)
	No. of M.Tech. Guided:	00
	No. of B.Tech. Guided:	15
5. Details of Professional Membership:		IE(I)
6. Subjects Taught	:	Heat Transfer, Applied Thermodynamics, Non-Conventional Sources of energy, Automobile Engineering, Engineering Drawing, Universal Human Values, Environmental Science, Instrumentation and Measurements, Basic Thermodynamics



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Publication Details:

Title	Publisher	Published Year
1. Performance optimization for an optimal operating condition for a Shell and Heat Exchanger Using a Multi-Objective Genetic Algorithm Approach	Plos one	2024
2. Influence of performance and emission of diesel engine with alumina nano material-based catalyst biodiesel using IoT	International Journal of Power and Energy Conversion	2024
3. Hybrid optimization algorithm for enhanced performance and security of counter-flow shell and tube heat exchangers	Plos one	2023
4. Design and implementation of a wireless communication-based sprinkler irrigation system with seed sowing functionality	SN Applied Sciences	2023
5. Design Optimization of Counter-Flow Double-Pipe Heat Exchanger Using Hybrid Optimization Algorithm	Processes	2023
6. Influences of Aqueous Nanofluid Emulsion on Diesel Engine Performance, Combustion, and Emission: IoT (Emission Monitoring System).	Advances in Materials Science and Engineering	2022