



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

Informa on:

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 Prof le:**



Qualif cat on	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 Specializat on	: Thermal engineering
2. No. of Publicat ons	: 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-Convent onal Sources of energy, Automobile Engineering, Engineering Drawing, Universal Human Values, Environmental Science, Instrumentat on and Measurements, Basic Thermodynamics



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Publicat on Details:

Title	Publisher	Published Year
1. Performance opt mizat on for an opt mal operat ng condit on for a Shell and Heat Exchanger Using a Mult -Object ve Genet c Algorithm Approach	Plos one	2024
2. Inf uence of performance and emission of diesel engine with alumina nano materialbased catalyst biodiesel using IoT	Internat onal Journal of Power and Energy Conversion	2024
3. Hybrid opt mizat on algorithm for enhanced performance and security of counter-f ow shell and tube heat exchangers	Plos one	2023
4. Design and implementat on of a wireless communicat on-based sprinkler irrigat on system with seed sowing funct onality	SN Applied Sciences	2023
5. Design Opt mizat on of Counter-Flow DoublePipe Heat Exchanger Using Hybrid Opt mizat on Algorithm	Processes	2023
6. Inf uences of Aqueous Nanof uid Emulsion on Diesel Engine Performance, Combust on, and Emission: IoT (Emission Monitoring System).	Advances in Materials Science and Engineering	2022

