



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 : B. Santosh Kumar
DESIGNATION : Assistant Professor
DEPARTMENT : MECHANICAL
DATE OF BIRTH : 13-04-1978
DATE OF JOINING : 11-12-2008
EMAIL ID : aits.med.bsk@gmail.com
EMPLOYEE ID : AITS031011



Academic Profile:

Qualification	Name of the Board/University	YEAR
M.Tech (Refrigeration & Air conditioning)	JNTU, Ananthapuramu	2013
B.Tech (Mechanical Engineering)	Karnataka University, Dharwad	2000
Intermediate (MPC)	Board of Intermediate Education, Andhra Pradesh	1995
10 th	SSC Board	1993

Research Details:

1. Areas of Specialization	:	Thermal Engineering, Composite Materials
2. No. of Publications	:	07
3. Awards Received	:	-
4. Research Guidance		
	No. of PhD Guided:	-
	No. of M.Tech. Guided:	-
	No. of B.Tech. Guided:	15
5. Details of Professional Membership:		IAENG
6. Subjects Taught	:	Basic Thermodynamics, Thermal Engineering, IC Engines, Heat Transfer, Fluid Mechanics and Hydraulic Machinery, Refrigeration and Air conditioning, Industrial Management, Management science, Dynamics of Machinery, Python programming, Engineering Drawing.



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Publication Details:

Title	Publisher	Published Year
1. Experimental Investigation of Vapour compression refrigeration system with spiral shaped condenser	IJRME	2015
2. Thermodynamic Analysis of Solar Organic Rankine Cycle by using Working Fluid for Low Temperature Application	Blue Eyes Intelligence Engineering C Sciences	2019
3. Experimental Studies on Two Stroke SI Engine by Using Novel Piston and Gasoline Blends	Journal European des Systems Automatisés	2019
4. Performance Analysis of Four Stroke CI Engine using Bio-Diesel	Blue Eyes Intelligence Engineering C Sciences	2019
5. Effect of Nano fluid towards improvement of heat exchanger performance	IJFANS	2022
6. Developing Of Hybrid Composite of Al6068 and Al-7075 By Reinforcing TiO_2 / Bn by Stir Casting Process and Finding Mechanical and Wear Behaviour of The Hybrid Composition	European Chemical Bulletin	2023
7. Experimental Investigation and Analysis of Friction Stir Welding on Dissimilar Materials (Cu and Al-6063)	IJVSS	2025

Patent Details:

Title of Patent	Submitted/Published/Awarded
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