



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 : S. Nagendra
DESIGNATION : Assistant Professor
DEPARTMENT : Mechanical Engineering
DATE OF BIRTH : 16-05-1982
DATE OF JOINING : 23-06-2014
EMAIL ID : aits.med.sn@gmail.com
EMPLOYEE ID : AITS031024



Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph.d in Thermal Eng	Annamacharya University, Rajampet	Pursuing (2024-2028)
M.Tech (SSS) in Mechanical, Thermal Engg	J.N.T.U. University, Hyderabad	2008-10
B.E in Mechanical	Anna University, Chennai.	2003-06
Diploma in Mechanical	State Board of Technical Education. C Training . A.P	1997-00
SSC	Board of Secondary Education. A.P Secondary	1996- 97

Research Details:

1. Areas of Specialization	:	Thermal Engineering
2. No. of Publications	:	8
3. Awards Received	:	-
4. Research Guidance		
	No. of PhD Guided:	No
	No. of M.Tech. Guided:	No
	No. of B.Tech. Guided:	11
5. Details of Professional Membership:		1. International Association of Engineers (IAENG) (Member No: 195072)



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	2. International Society for Research and Development (ISRD) (Member No: SM3140906187)
6. Subjects Taught :	• Machine Drawing • Power Plant Engineering • Automobile Engineering • Non-Conventional Energy Sources • Instrumentation and Control System • Disaster Management • Applied Thermodynamics-III • Electrical and Mechanical Technology • Basic Civil and Mechanical Engineering • Engineering Drawing • Management Science

Publication Details:

Title	Publisher	Published Year
1. Performance of Diesel Engine Fueled with Biodiesel (Coconut Oil and Cotton Seed Oil Blended with Diesel) and Analysis of Combustion Products	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)	May - June 2017
2. Experimental Studies on Two Stroke SI Engine by Using Novel Piston and Gasoline Blends	International Information and Engineering Technology Association (IIETA)	February-2019
3. Performance Analysis of Four Stroke CI Engine using Bio-Diesel	International Journal of Engineering and Advanced Technology (IJEAT)	June 2019
4. Quantification of execution and emission efficiency of a Fuelled Diesel Engine with Biodiesel/Diesel Blends Cotton Seed Oil	Journal of Xidian University	June 17, 2020
5. EXPERIMENTAL INVESTIGATIONS ON TWO STROKE SI ENGINE WITH PISTON COATINGS AND GASOLINE BLENDS	i-manager's Journal on Mechanical Engineering,	August - October 2020
6. Control of Exhaust Emissions Using Piston Coating on Two-Stroke SI Engines with Gasoline Blends	JOURNAL OF ENGINEERING SCIENCES	June 21, 2021
7. Effect of Nano fluid towards improvement of heat exchanger performance	IJFANS International Journal of Food and Nutritional Sciences	2022
8. WIRELESS COMMUNICATION-BASED SPRINKLER IRRIGATION SYSTEM WITH SEED SAWING ROBOT	Mukt Shabd Journal	APRIL-2023