


FACULTY PROFILE

Name of the Faculty:		Dr. A. Praveen				
Designation:		Assistant Professor				
Department:		Mechanical Engineering				
Date of Birth:		25-08-1984				
AICTE – ID:		1-2191919650				
Education		<ul style="list-style-type: none"> B.Tech in Mechanical Engineering from PBRVITS, Kavali in 2006 M.Tech in Refrigeration and Air conditioning Specialization from JNTU University, Ananthapur in 2009 PhD in Thermal Engineering specialization from JNTU University, Kakinada in 2020. 				
Experience		Teaching: 15 Years	Industry: Nil	Total: 15 Years		
		Research: Nil	Others: Nil			
Research Specialization		IC Engines, Alternative fuels, Nano Technology.				
Courses taught		<ol style="list-style-type: none"> 1. Python Programming 2. Basic Thermodynamics 3. Applied Thermodynamics 4. IC Engines and Gas Turbines 5. Heat Transfer 6. Engineering Drawing 7. Prime Movers and Pumps 8. Refrigeration and Air Conditioning 9. Automobile Engineering 10. Instrumentation and Control systems 				
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing SCI/WoS/ SCOPUS, Google scholar)
1.	A Comparison of Coated and Uncoated Diesel Engine Performance and Emission	SAE International	2022	2022-28-0021		copus

	Characteristics Powered by Chlorella Vulgaris Biodiesel Blend with an Assistance of Alumina Nano Additive					
2.	Optimization of Operational Parameters on Engine Performance and Emissions of a Diesel Engine Powered with Mimusops Elengi Methyl Ester with Doped TiO ₂ Nanoparticle with Varying Injection Pressure	SAE International	2022	2022-28-0574		Scopus
3.	Dispersion effect of Al ₂ O ₃ nanoparticles in diesel and hemp biodiesel blend on the engine parameters of a diesel engine	AIP Conference Proceedings	2022	2648		Scopus
4.	Comparative assessment of MWCNTs and alumina nanoparticles dispersion in biodiesel blend on the engine characteristics of an unmodified DI diesel engine	Materials Today: Proceedings	2023	Vol-68 (5)	1241-1251	Scopus
5.	Combined effect of hydrogen and with Julifora biodiesel blend (JFB20) on the combustion, performance and emission characteristics of a directinjection diesel engine	Materials Today: Proceedings	2023	---	----	Scopus

Books published

S. No.	Title of the book	Publisher	year
1	NIL		

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	year
1	NIL			

Details of Patents (Filed & Granted)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1	NIL			

Details of Conferences/FDPs/STTPs/webinars/Workshops Organized

S.No.	Name of the event	Role	Dates
1	ICMEET-2023	Co-ordinator	3-4 th March 2023

2	ICMEET-2022	Co-Coordinator	April 22-23, 2022
3	Three day National Level Workshop on "Outcome Based Education and Examination Reforms" (OBE & ER-2022)	Member	3rd – 5th August 2022

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S.No.	Name of the event	Organized by	Dates
1	3rd International Virtual Conference on Recent Trends in Clean Technologies for Sustainable Environment (CTSE-2022)	SSN Engineering College, Chennai.	15-16 September 2022
2	Second International Conference On Advances In Mechanical Engineering and Material science (ICAMEMS-2023)	VIT University, Amaravathi, A.P.	20-22 April 2023

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	Best Paper Award	JNTU, Kakinada	2016

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration
	NIL				

Consultancy contribution

S.No.	Year	Amount	Details
1	NIL		

Student Project/research guidance

S.No	Level	Total number	
1	UG	Completed: 10	Ongoing: 01
2	PG	Completed: 1	Ongoing: 0
3	PhD	Completed: 0	Ongoing: 0

Administrative experience

S.No.	Role	Duration (From – to)
1	IC Engines Lab Faculty In-charge	from July 2018 to till date.
2	Fuels and Oil testing lab In-charge	from August 2013 to June 2018.
3	Event Co-ordinator for BECTOGON, conducted by BEC, Bapatla	2022, 2019, 2016, 2014
4	Worked as a H.O.D of Mechanical Engineering, BVSR Engineering College, Chimakurthy	from July 2012 to July 2013.
5	Installation and demonstration of various lab equipments of Mechanical Engineering.	

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.co.in/citations?user=ZtwB3iwAAAA&hl=en
SCOPUS	57195475912
Web of Science	rid40014
Vidwan ID	324092

Dr. A. Praveen
14/09/2023