

Dr. Vemuloori Vasu



Designation : Assistant Professor
E-Mail ID : vvasu@vrsiddhartha.ac.in
Contact at : Department of Mechanical Engineering,
Velagapudi Ramakrishna Siddhartha School of Engineering,
Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Mechanical Engineering)

2025, National Institute of Technology Warangal (NITW)

M.Tech (Refrigeration & Air Conditioning)

2013, Jawaharlal Nehru Technological University, Anantapuramu (JNTUA)

B.Tech (Mechanical Engineering)

2008, Sri Venkateswara University, Titupati (SVU)

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2015-2025	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	UG/PG guidance, research publications, academic leadership, NBA/NAAC coordination.
2013-2015	Junior Engineer	Green Tech Industries, Naidupeta	Quality Control section, CMM
2008-2011	Assistant Professor	Pridarshini Institute of Technology, Nellore	UG/PG guidance, research publications, academic leadership, NBA/NAAC coordination.

Research Interests

Broad Area of Research :

Refrigeration & Air Conditioning, Fuel cell Technology

Honors and Awards

Awarded the Sri Ram Gopala Krishnaiah (S.G.K) Award for securing the highest marks in S.S.C among all Government School students in Nellore, a distinction that recognizes academic excellence at the district level

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Engineering Graphics	UG
2	Engineering Mechanics	UG
3	Hybrid electric vehicles	UG
4	Energy conversion systems	UG
5	Basic Mechanical Engineering	UG
6	Engineering Graphics using Auto Cad	UG
7	Thermodynamics	UG
8	Energy Resources and Utilization	UG

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.com/citations?user=9nz_HS8AAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=21735607700
ORCID	https://orcid.org/0000-0002-3050-9591
dblp	https://dblp.uni-trier.de/pers/hd/u/U:Prabu
Publons	https://www.webofscience.com/wos/author/record/ABS-9790-2022
Research Gate	https://www.researchgate.net/profile/Vemuloori-Vasu
LinkedIn	https://www.linkedin.com/in/vasu-vemuloori-1742b447/

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
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1	NAAC	VRSEC	2025-Present	4 th criteria In charge
2	Counsellor	VRSEC	2021- Present	Student counselling
3	Student feedback on faculty teaching monitoring	VRSEC	2017-Present	Student Feedback for entire department monitoring and filing for
4	Remedial classes	VRSEC	2019-Present	Poor student's identification and monitoring through remedial classes for entire department.
5	Content Beyond syllabus	VRSEC	2020 -Present	Monitoring and maintaining CBS for all core subjects in the departmental level
6	Lab in charge	VRSEC	2025-Present	Marinating Advanced thermal engineering lab up-to-date
7	Time table Coordinator	VRSEC	2020-Present	Planning Time tables for academic, examination and external labs in departmental level and maintaining individual faculty time table file.
8	Placement co coordinator	VRSEC	2019-2023	Departmental level placement activities in coordination with placement cell
9	SAE Co-ordinator	VRSEC	2024-2025	Conducting events and filing as per format of IQAC

Professional Service / Reviewer

- Reviewer in Fuel, SCIE

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	10
International / National Level Seminars	06 / 02
International / National Level Conferences	02 / 06
Workshops	10
Instructor Led / Self-Paced Courses	00
Webinars	10

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	7240410307	Society of Automotive Engineers India (SAE-INDIA)

Vemuloori Vasu/15.09.2025

(Your Name & Signature with Date)
