

ANPhaniDeepthi



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

Education

Ph.D(pursuing)

Annamalai University, Chidambaram, Tamilnadu

M.Tech(Thermal Engineering)

2012, Jawaharlal Nehru Technological University, Kakinada

B.Tech(Mechanical Engineering)

2007, Jawaharlal Nehru Technological University, Hyderabad

Experience

Period	Designation	Institution/Organization	Key Responsibilities
2025 – Till Date	Sr. Assistant Professor	Siddhartha Academy of Higher Education (Deemed to be University)	Teaching, UG/PG guidance, research publications, academic leadership, NBA/NAAC criteria coordination, Admissions Incharge.
2013- 2025	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Teaching, UG/PG guidance, research publications, academic leadership, NBA/NAAC criteria coordination, Admissions Incharge.

Research Interests

Broad Area of Research:

Automotive Emission Technologies.
Sustainable Energy Utilization & Impact on Environment

Courses Taught

S.No	CourseName	Level (UG/PG)
1	AI Tools and Applications	UG
2	Programming in 'C'	UG
3	Engineering Mechanics	UG
4	Basics of Mechanical Engineering	UG
5	Innovation, IPR and Entrepreneurship	UG
6	Engineering Economics and Management	UG
7	Research Methodology	PG

Research Profile

Publications

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

Google Scholar	https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=CC7INoIAAAAJ
Scopus	ScopusID:59312743800
ORCID	https://orcid.org/0000-0003-4885-8375
LinkedIn	www.linkedin.com/in/a-n-phani-deepthi-assistant-professor-me-department-470a7a217

Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.	Funded	Thermal Management	On-Going	Siddhartha Academy of Higher Education	1.5L	2 Years

Administrative Roles

SNo.	Role	Institution	Durati on	Responsibilities
1	Admissions-Incharge	Siddhartha Academy of Higher Education, Kanuru	2011-2025 (Till Date)	Application Verification, Collection of Originals for UG-First year, UG-LE, PG
2	Exam Cell Incharge			Collecting Question Papers, Distribution of Pads, Helping other Exam Incharges for smooth conduction.
3	Internships Co-ordinator			Guide students in applying for Internships, schedule Reviews conducting reviews, co-ordinating certificate collection, Posting Attendance and marks.
4	Mini Project-II Co-ordinator			Guide students in applying for projects, schedule Internal Reviews, conducting reviews, co-ordinating certificate collection, Posting Attendance and marks.
5	Major Project Co-ordinator			Guide students in applying for Projects, schedule Reviews conducting reviews, co-ordinating certificate collection, Posting Attendance and marks.
6	IV/IVB. Tech Student Counsellor			Maintaining Counselling Records, calling parents giving updates about students about attendance and marks, fee reminders, re-exam permission checking genuity of medical certificates, posting marks and attendance every month who have <65% and <75%, Guiding students, Motivating Students for student participation for training.
7	Handling Department files	ME Dept	2011-2025 (Till Date)	ISO Vison, Mission and Department goals. Internship Files (from AY 2023-24) Major Project (from AY 2023-24) Parent-Teacher Meeting Admission File
8	NBA-Criteria-9 Incharge	ME Dept		Collection of Data & Documentation

9	NAAC-Criteria 1 Incharge	ME Dept		Collection of Data & Documentation
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Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Air Pollution and Control	NPTEL	Jan-Apr	2025
2.	Programming in Python	NPTEL	Jan-Apr	2024
3	IC Engines and Gas Turbines	NPTEL	Jul-Oct	2023
4	The Joy of computing using Python	NPTEL	Jul-Oct	2022
5	Solar Energy and Technology	NPTEL	Jul-Oct	2021
6	Air Pollution	Course era	Jan-April	2020
7	Mechanics of Materials	Course era	Jan-April	2020

Patents

S.No	Title	Status	Application No.	Year
1	A METHOD OF PREPARATION OF BIOFUEL	Hearing	202241032373	2022
2	SEMI-AUTOMATED SPOT AND GRAB HARVESTING ARM	Published	202341041075	2023
3	OBJECT DETECTION IN EXTREME DARK CONDITIONS	Published	202441050219	2024

Books

S.No	Title	Status	ASIN No	Month & Year
1	MECHANICAL	Published	B0D7TQWLB3	22 nd June 2024

	ENGINEERS AS GRIEVINGHEIRS IN INDIA	on AMAZON		
2	AICATALYST-REVITALIZING MECHANICAL ENGINEERING FOR A REVOLUTIONARY ERA	Published on AMAZON	B0F3CH9NYK	1 st April 2025

Professional Service/Reviewer

- Reviewer in Sigma Journal of Engineering and Science, Scopus Indexed, Reviewed about 10 journals in the field of IC engines.

Professional Development Activities-Participations

Faculty Development and Training Programmes (at least 5 Days)	13
International/National Level Seminars	06/02
International/National Level Conferences	04/02
Workshops	15
Instructor Led/Self-Paced Courses	-
Webinars	10

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	LM106095/2015	ISTE Life Member

(AN Phani Deepthi)
