

Ponnaganti Gopinadh Chowdary



Designation : Assistant Professor
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Velagapudi Ramakrishna Siddhartha School of Engineering,
Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

(Ph. D) (Mechanical Engineering)

2020, National Institute of Technology, Warangal

M.Tech (Machine Design)

2014, Indian Institute of Technology, Madras

B.Tech (Mechanical Engineering)

2008, Lakireddy Balireddy College of Engineering, Mylavaram

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2014-2025	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	PG /UG guidance, research publications, Patents
2010-2012	Operation Engineer	GENTING LANCO	Operation and Monitoring of Combined Cycle Power Plant
2008-2010	Assistant Professor	SSIET, Nuzvid	

Research Interests

Broad Area of Research :

Composite Materials, NDT, Fracture and Fatigue, Tribology

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Engineering Mechanics 1	UG
2	Engineering Mechanics 2	UG
3	Design of Machine Elements 1 and 2	UG
4	Design of Automobile Components	UG
5	Mechanics of Materilas	UG
6	Mechanical Vibrations	UG
7	Basics of Mechanical Engineering	UG
8	Engineering Graphics	UG
9	Graphics using Autocad	UG
10	Managerial Economics	UG

Research Profile

Publications

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

Google Scholar	https://scholar.google.com/?authuser=2#d=gs_hdr_drw
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57209658349
ORCID	https://orcid.org/0000-0001-6164-5329

Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.	Funded	Analysis and Fabrication of a Bracket of a space Vehicle using FRP composite material	Completed	DST	8,90,000-00	2 Years

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Transport Co-Ordinator	VRSEC	2024- Till Date	University Transport Management

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Concepts of Thermodynamics	NPTEL	8 Weeks	2019

Consultancy / Industry Projects

Completed	01
On-going	00
Applied	01

Patents

S.No.	Title	Status	Application No.	Year
1.	Portable Solar powered reverse osmosis system	Published	202541061949	2025
2.	Portable Table top Groundnut Shell Removal Machine	Published	202541071170	2025
3.	IOT Based Manhole Detection and Monitoring System	Published	202541077988	2025
4.	Semi Automated Farming Structure	Published	374905-001	2022
5.	Safety Air Bags For Motorcycles	Published	374908-001	2022

Invited Talks

No. of Invited Talks	02
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Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	6
International / National Level Seminars	02 / 03
International / National Level Conferences	02 / 05
Workshops	5
Instructor Led / Self-Paced Courses	7

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