

Dr. Venkateswarlu Malapati



Designation : Assistant Professor
E-Mail ID : mvenkateswarlu@vrsiddhartha.ac.in
Contact at : Room No: 301, S&H-II, Department of Mathematics,
 Velagapudi Ramakrishna Siddhartha School of Engineering,
 Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D. (Mathematics)

2014, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur

M. Sc., (Mathematics)

2006, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur

B. Sc., (Mathematics, Physics, Chemistry)

2003, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2007-till date	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Curriculum design, Ph.D. guidance, research publications, academic leadership.
2006-2007	Lecturer	A. K. V. K Degree College	Teaching

Research Interests

Broad Area of Research:

Fluid Dynamics
 Heat and Mass Transfer
 Porous Medium
 Nanofluids

Honors and Awards

.

Courses Taught

S. No	Course Name	Level (UG/PG)
1	Engineering Mathematics – I	UG
2	Engineering Mathematics – II	UG
3	Complex Analysis	UG
4	Mathematical Foundations of Computer Science	UG
5	Probability and Statistics	UG
6	MATLAB	UG

Research Profile

Publications

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

Google Scholar	https://scholar.google.co.in/citations?user=X9QBfIsAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57189499699
ORCID	https://orcid.org/0000-0002-6320-0195
Research Gate	https://www.researchgate.net/profile/Malapati

Recognized Research Supervisor

S. No.	Department	University
01.	Mathematics	Siddhartha Academy of Higher Education

Funded Research Projects

S. No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.						

Administrative Roles

S. No.	Role	Institution	Duration	Responsibilities
1	Student-Proctor	VRSEC	2007-Present	Disciplinary functions
2	Course-Coordinator	VRSEC	2007-Prsesnt	Acting as a primary liaison between faculty, students, and administration, and ensuring all academic and administrative processes are executed smoothly and effectively.
3	Anti-Ragging	VRSEC	2007-Present	Responsible for maintaining vigilance on campus and performing on-the-spot inquiries into ragging incidents.

Certifications/MOOC Courses Completed

S. No.	Title	Platform	Duration	Year
1.	Orientation and Sensitization Programme	NEP 2020 Andhra University	1 Week	2024
2.	Refresher Course in Science/Engineering	MMTC Central University of Haryana	2 Weeks	2024

Consultancy / Industry Projects

Completed	
On-going	
Applied	

Patents

S. No	Title	Status	Application No.	Year
1.	A thermodynamic analysis system of Hall current and Soret number on hydromagnetic Couette flow in a rotating system with a convective boundary condition	Published	20214106105 8 A	2022

Ph. D

Awarded	00
Guiding	01

Invited Talks

No. of Invited Talks	
-----------------------------	--

Professional Service / Reviewer

- Reviewer: Heat Transfer Asian Research.
- Reviewer: Journal of Porous Media.
- Reviewer: International Journal of Heat and Technology.
- Reviewer: Propulsion and Power Research.
- Reviewer: Journal of the Nigerian Mathematical Society.
- Reviewer: Special Topics & Reviews in Porous Media - An International Journal.
- Reviewer: Engineering Transactions.
- Reviewer: International Journal of Fluid Mechanics Research.

Professional Development Activities - Participations

Faculty Development and Training Programmes	18
International / National Level Seminars	05
International / National Level Conferences	32
Workshops	15
Webinars	5

Professional Bodies Membership Details

S. No.	Membership No.	Society Name
1.	1035	Indian Society for Theoretical and Applied Mechanics

Dr. Venkateswarlu Malapati
