

# Dr. M.V.D.N.S.MADHAVI



**Designation** : Assistant Professor

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**Contact at** : Department of Mathematics,  
Velagapudi Ramakrishna Siddhartha Engineering College,  
Kanuru, Vijayawada, Andhra Pradesh 520007

## Education

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**Ph.D (Fluid Dynamics)**

2020, Krishna University, Machilipatnam

**M.Phil (Mathematics)**

2004, Madurai Kamaraj University, Madurai

**M.Sc (Mathematics)**

1993, Sri Padmavathi Mahila University, Tirupathi

**B.Sc (M.P.C)**

1991, Sri Durga Malleswara Siddhartha Mahila Kalasala, Vijayawada

## Experience

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Period	Designation	Institution / Organization
2008-Till Date	Assistant Professor	Velagapudi Rama Krishna Siddhartha Engineering College
1996-2008	Lecturer	Sri Durga Malleswara Siddhartha Mahila Kalasala, Vijayawada

## Research Interests

### Broad Area of Research:

- Convective Heat Transfer in Porous medium
- Thermo Dynamic Properties of Liquid Mixtures
- Fuzzy Logic

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## Courses Taught

- Matrices and Differential Calculus
- Laplace Transforms and Integral Calculus
- Complex Analysis and Numerical Methods
- Operations Research
- Real analysis
- Modern Algebra
- Optimization Techniques

## Research Profile

### Publications: 15

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

Google Scholar	<a href="https://www.researchgate.net/scientific-contributions/2080590375_MVDNS_Madhavi">https://www.researchgate.net/scientific-contributions/2080590375_MVDNS_Madhavi</a>
Scopus	<a href="https://www.scopus.com/authid/detail.uri?authorId=56600408500">https://www.scopus.com/authid/detail.uri?authorId=56600408500</a>
ORCID	<a href="https://orcid.org/0000-0003-2183-914X">https://orcid.org/0000-0003-2183-914X</a>

### Funded Research Projects

Completed	01
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### Patents

Granted	NIL
Published	03

## Professional Development Activities - Participations

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Faculty Development and Training Programmes (at least 5 Days)	13	
International / National Level Seminars	19	
International / National Level Conferences	15	
Workshops	22	
Instructor Led / Self-Paced Courses	6/5	
Webinars	21	

## Professional Bodies Membership Details

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L/970	Indian society of Theoretical and Applied Mechanics		
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(Dr.M.V.D.N.S.Madhavi)