

# Dr. M Padmaja



**Designation** : Professor and Programme Coordinator(ECE)  
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**Contact at** : EC304, Department of Electronics and Communication Engineering,  
 Velagapudi Ramakrishna Siddhartha Engineering College,  
 Kanuru, Vijayawada, Andhra Pradesh 520 007.

## Education

**Ph. D (Signal Processing and Communications)**

2013, Sri Venkateswara University, Tirupathi, AP.

**M.S (Electronics and Controls)**

1996, BITS, Pilani

**B.Tech (Electronics and Communication Engineering)**

1988, Nagarjuna University, Nagarjuna Nagar, Guntur dist.,AP

## Experience

Period	Designation	Institution / Organization
2014 to Till date	Professor	Velagapudi Ramakrishna Siddhartha Engineering College
2005-2014	Associate Professor	Velagapudi Ramakrishna Siddhartha Engineering College
2004-2005	Sr. Lecturer	Velagapudi Ramakrishna Siddhartha Engineering College
1996-2003	Lecturer	Velagapudi Ramakrishna Siddhartha Engineering College
1993-1996	Associate Lecturer	KES Polytechnic for Women, Vijayawada
1988-1992	Software Engineer	Siva Systems, Vijayawada

## Research Interests

### Broad Area of Research :

- Signal Processing, Image Processing, Wireless Communications, Remote sensing Applications

## Honors and Awards

- Best Performance Award received from Vice Chancellor, JNTU Kakinada for 2012-2013 on the occasion of JNTUK foundation day, 21.8.2012.
- AICTE sponsored Rs 2,00,000/- for “Staff Development Program” on “Signal Processing and Wireless Communications” during 13th to 25th July, 2009

## Courses Taught

### UG:

Electronic Devices and Circuits  
Electronic Circuit Design and Analysis  
Signals and Systems  
Probability and Random Variables  
Microprocessors and Interfacing  
Digital Communications  
Digital Signal Processing  
Electronic Measurements and Instrumentation  
Mobile and Cellular Communications

DSP Processors and Architectures  
Advanced Communications

### PG:

Advanced Digital Communications  
Probability and Random Processes  
Coding Theory and Techniques  
Microwave and Satellite Communications  
Adhoc Networks  
Wireless Sensor Networks  
ARM Controllers for Embedded Systems

## Research Profile

### Publications

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

<b>Scopus</b>	<a href="https://www.scopus.com/authid/detail.uri?authorId=23985728500">https://www.scopus.com/authid/detail.uri?authorId=23985728500</a>
<b>ORCID</b>	<a href="https://orcid.org/0000-0002-5360-0937">https://orcid.org/0000-0002-5360-0937</a>
<b>Research Gate</b>	<a href="https://www.researchgate.net/profile/Padmaja_Mididoddi">https://www.researchgate.net/profile/Padmaja_Mididoddi</a>
<b>LinkedIn</b>	<a href="https://www.linkedin.com/in/padmaja-m-985b1a12">https://www.linkedin.com/in/padmaja-m-985b1a12</a>

## Recognized Research Supervisor

S.No.	Department	University
01.	Electronics and Communication Engineering	Jawaharlal Nehru Technological University, Kakinada

## Funded Research Projects

<b>Completed</b>	02
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## Patents

Applied	01
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## Invited Talks

No. of Invited Talks	02
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## Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	10
International / National Level Seminars	15 / 04
International / National Level Conferences	12 / 06
Workshops	30
Instructor Led / Self-Paced Courses	07
Webinars	08

## Professional Bodies Membership Details

FIETE	Institution of Electronics and Telecommunication Engineers
MISTE	Indian Society for Technical Education (ISTE)
MIE (I),	Institution of Engineers(India)
MBMESI	The Biomedical Engineering Society of India
MSEMCEI	The Society of EMC Engineers (India),

(Dr. M Padmaja)

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