

# Dr. N. SATYANARAYANA MURTHY



**Designation** : Associate Professor  
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**Contact at** : EC316,  
Department of Electronics and Communication Engineering,  
Velagapudi Ramakrishna Siddhartha Engineering College,  
Kanuru, Vijayawada, Andhra Pradesh 520 007.

## Education

**Ph. D** (Wireless Communications)

2017, JNTUK, Kakinada, AP.

**M Tech** (Digital Electronics & Advanced Communications)

2003, Manipal institute of technology (MAHE), Manipal

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

2000, Nagarjuna University, Nagarjuna Nagar, Guntur dist., AP

## Experience

| Period                | Designation         | Institution / Organization                            |
|-----------------------|---------------------|-------------------------------------------------------|
| 2009 Jan till to date | Associate Professor | Velagapudi Ramakrishna Siddhartha Engineering College |
| 2003 June-2008 Dec    | Assistant Professor | Velagapudi Ramakrishna Siddhartha Engineering College |

## Research Interests

**Broad Area of Research :**

Signal Processing

Wireless Communications

Antennas

## Honors and Awards

- IETE Student Journal award for "Adaptive Equalizers in Smart Antenna Systems"

## Courses Taught

### UG:

Digital signal processing.  
Antennas & Wave propagation.  
Transmission lines & Waveguides.  
Analog communication  
Signals & Systems  
Linear integrated Circuits.  
Digital Signal processors & Architectures  
Microwave Engineering

### PG:

Transformation Techniques  
Real Time Signal processing  
Advanced Digital signal processing  
Random Variables & Information Theory  
Digital Signal processors & Architectures  
Wireless Communications

## Research Profile

### Publications

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

|                       |                                                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Google Scholar</b> | <a href="https://scholar.google.com/citations?user=mFQSP_8AAAAJ">https://scholar.google.com/citations?user=mFQSP_8AAAAJ</a>               |
| <b>Scopus</b>         | <a href="https://www.scopus.com/authid/detail.uri?authorId=57197306949">https://www.scopus.com/authid/detail.uri?authorId=57197306949</a> |
| <b>ORCID</b>          | <a href="https://orcid.org/0000-0001-8887-5298">https://orcid.org/0000-0001-8887-5298</a>                                                 |
| <b>Research Gate</b>  | <a href="https://www.researchgate.net/profile/Satya_Murthy6">https://www.researchgate.net/profile/Satya_Murthy6</a>                       |

### Recognized Research Supervisor

| S.No. | Department | University |
|-------|------------|------------|
| 1     | ECE        | JNTUK      |
| 2     | ECE        | SAHE       |

### Funded Research Projects

|                  |    |
|------------------|----|
| <b>Completed</b> | 00 |
| <b>On-going</b>  | 00 |
| <b>Applied</b>   | 03 |

### Consultancy / Industry Projects

|                  |   |
|------------------|---|
| <b>Completed</b> | - |
| <b>On-going</b>  | - |
| <b>Applied</b>   | - |

### Patents

|                  |   |
|------------------|---|
| <b>Granted</b>   | - |
| <b>Published</b> | 2 |
| <b>Applied</b>   | - |

## Invited Talks

|                      |    |
|----------------------|----|
| No. of Invited Talks | 02 |
|----------------------|----|

## Professional Service / Reviewer

## Professional Development Activities - Participations

|                                                               |         |
|---------------------------------------------------------------|---------|
| Faculty Development and Training Programmes (at least 5 Days) | 12      |
| International / National Level Seminars                       | 00 / 06 |
| International / National Level Conferences                    | 20 / 03 |
| Workshops                                                     | 15      |
| Instructor Led / Self-Paced Courses                           | 00      |
| Webinars                                                      | 02      |

## Professional Bodies Membership Details

|      |            |
|------|------------|
| IETE | FELLOWSHIP |
|------|------------|

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