

# Dr. K. Shri Ramtej



**Designation** : Sr. Assistant Professor  
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## Education

### Ph. D (Wireless Communications)

2020, National Institute of Technology, Warangal

### M.Tech (Communication Systems & Networks)

2014, National Institute of Technology, Hamirpur

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

2012, Kamala Institute of Technology and Science, Huzurabad

## Experience

| Period          | Designation             | Institution / Organization                                      | Key Responsibilities                                                                |
|-----------------|-------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 2025- Till date | Sr. Assistant Professor | Siddhartha Academy of Higher Education, Deemed to be University | Ph.D. guidance, Teaching & Research, Internship Coordinator, NBA/NAAC participation |
| 2020-2025       | Assistant Professor     | Velagapudi Ramakrishna Siddhartha Engineering College           | Ph.D. guidance, Teaching & Research, Internship Coordinator, NBA/NAAC participation |
| 2014-2015       | Assistant Professor     | Teerthanker Mahaveer University, Moradabad, Uttar Pradesh       | Teaching & Research, NAAC participation.                                            |

## Research Interests

### Broad Area of Research:

- Communications and Signal Processing, Machine Learning

## Honors and Awards

- Summer Faculty Research Fellow at IIT Delhi, May-July 2024

## Courses Taught

| S.No | Course Name                             | Level (UG/PG) |
|------|-----------------------------------------|---------------|
| 1    | Signals and Systems                     | UG            |
| 2    | Analog and Digital Communications       | UG            |
| 3    | Information Theory & Coding             | UG            |
| 4    | Cellular and Mobile Communications      | UG            |
| 5    | Principles of Radar Engineering         | UG            |
| 6    | Probability Theory and Random Processes | UG            |

## 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.co.in/citations?user=XuQX9VgAAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=XuQX9VgAAAAJ&amp;hl=en</a> |
| <b>Scopus</b>         | <a href="https://www.scopus.com/authid/detail.uri?authorId=56493155400">https://www.scopus.com/authid/detail.uri?authorId=56493155400</a>           |
| <b>ORCID</b>          | <a href="https://orcid.org/0000-0003-0402-5806">https://orcid.org/0000-0003-0402-5806</a>                                                           |
| <b>Publons</b>        | <a href="https://publons.com/researcher/3541228/shri-ramtej-k/">https://publons.com/researcher/3541228/shri-ramtej-k/</a>                           |
| <b>Research Gate</b>  | <a href="https://www.researchgate.net/profile/Shri_Ramtej_Kondamuri">https://www.researchgate.net/profile/Shri_Ramtej_Kondamuri</a>                 |
| <b>LinkedIn</b>       | <a href="https://www.linkedin.com/in/shriramtej/">https://www.linkedin.com/in/shriramtej/</a>                                                       |

### Recognized Research Supervisor

| S.No. | Department                                | University                                                      |
|-------|-------------------------------------------|-----------------------------------------------------------------|
| 01.   | Electronics and Communication Engineering | Jawaharlal Nehru Technological University, Kakinada             |
| 02.   | Electronics and Communication Engineering | Siddhartha Academy of Higher Education, Deemed to be University |

## Funded Research Projects

| S.No. | Type   | Title                                                                      | Status  | Funding Agency | Amount (INR) | Duration |
|-------|--------|----------------------------------------------------------------------------|---------|----------------|--------------|----------|
| 01.   | Funded | Development of Compressive Sensing Techniques for SAR Image Reconstruction | Ongoing | ISRO RESPOND   | 18,17,726    | 2 Years  |

## Administrative Roles

| S.No. | Role                   | Institution | Duration     | Responsibilities                                   |
|-------|------------------------|-------------|--------------|----------------------------------------------------|
| 1     | Internship Coordinator | SAHE        | 2020-Present | Coordinating student internships, industry liaison |
| 2     | NBA/NAAC participation | SAHE        | 2020-Present | NBA Criteria 7 and NAAC Criteria 3                 |
| 3     | Lab Incharge           | SAHE        | 2020-Present | Maintenance, procurement of lab equipment          |
| 4     | Counsellor             | SAHE        | 2020-Present | Student mentoring and guidance                     |

## Certifications/MOOC Courses Completed

| S.No. | Title                                                    | Platform | Duration | Year |
|-------|----------------------------------------------------------|----------|----------|------|
| 1     | Data Analytics with Cognos (Faculty Build-A-Thon)        | IBM      | 2 weeks  | 2023 |
| 2     | Switching, Routing, and Wireless Essentials              | CISCO    | 70 Hours | 2023 |
| 3     | Artificial Intelligence (Faculty Build-A-Thon)           | IBM      | 1 month  | 2022 |
| 4     | A System View of Communications: From Signals to Packets | edX      | 13 weeks | 2015 |

## Consultancy / Industry Projects

|           |    |
|-----------|----|
| Completed | 01 |
| On-going  |    |
| Applied   |    |

## Ph.D

|         |    |
|---------|----|
| Awarded | 00 |
| Guiding | 02 |

## Invited Talks

|                      |    |
|----------------------|----|
| No. of Invited Talks | 01 |
|----------------------|----|

## Professional Service / Reviewer

- Reviewer for International Journal of Communication Systems, IEEE Access, ETRI journal, Internet Technology Letters.

## Professional Development Activities - Participations

|                                                                  |         |
|------------------------------------------------------------------|---------|
| Faculty Development and Training Programmes<br>(at least 5 Days) | 15      |
| International / National Level Seminars                          | 00 / 03 |
| International / National Level Conferences                       | 11 / 00 |
| Workshops                                                        | 05      |
| Instructor Led / Self-Paced Courses                              | 03      |
| Webinars                                                         | 03      |

## Professional Bodies Membership Details

| S.No. | Membership No. | Society Name                                                         |
|-------|----------------|----------------------------------------------------------------------|
| 1.    | M-503418       | Institution of Electronics and Telecommunication Engineers<br>(IETE) |
| 2.    | 319039         | International Association of Engineers (IAENG)                       |



(K. Shri Ramtej)

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