

# Dr. Venkata Sainath Gupta T



**Designation** : Assistant Professor

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**Contact at** : EC 201, Department of ECE,

Velagapudi Ramakrishna Siddhartha Engineering College,  
Kanuru, Vijayawada, Andhra Pradesh 520007.

## Education

**Ph. D (Communication & Signal Processing)**

2020, VNIT, Nagpur, INDIA.

**M.Tech (Communication Systems Engineering)**

2014, VNIT, Nagpur, INDIA.

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

2011, Vignan Institute of Technology and Science, Hyderabad, INDIA.

## Experience

Period	Designation	Institution / Organization
2019- Till Date	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College

## Research Interests

**Broad Area of Research :**

- Medical Image Analysis
- Applied Machine Learning
- Compressive Sensing

## Honors and Awards

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

## Courses Taught

- Analog & Digital Communication
- Analog & Digital Communication Lab
- Digital Communication
- Computer Networks
- Wireless Networks
- Mobile and Cellular Communication
- Programming in C

## Research Profile

### Publications

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

Google Scholar	<a href="https://scholar.google.co.in/citations?user=qHUDAr8AAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=qHUDAr8AAAAJ&amp;hl=en</a>
Scopus	<a href="https://www.scopus.com/authid/detail.uri?authorId=57195199859">https://www.scopus.com/authid/detail.uri?authorId=57195199859</a>
ORCID	<a href="https://orcid.org/0000-0003-3936-8665">https://orcid.org/0000-0003-3936-8665</a>
Research Gate	<a href="https://www.researchgate.net/profile/Venkata_Sainath_Thadikemalla2?ev=hdr_xprf">https://www.researchgate.net/profile/Venkata_Sainath_Thadikemalla2?ev=hdr_xprf</a>
LinkedIn	<a href="https://www.linkedin.com/in/venkata-sainath-gupta-t-09045538/">https://www.linkedin.com/in/venkata-sainath-gupta-t-09045538/</a>

### Funded Research Projects

Completed	Nil
On-going	Nil
Applied	02

### Consultancy / Industry Projects

Completed	02
On-going	Nil
Applied	Nil

### Patents

Granted	Nil
Published	01
Applied	01

## Invited Talks

No. of Invited Talks	01
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## Professional Service / Reviewer

- Engineering Applications of Artificial Intelligence, (Elsevier)
- International Journal of Electrical Power & Energy Systems, (Elsevier).
- MDPI Diagnostics
- MDPI Healthcare
- Evaluator for Toycathon – 2021 & Smart India Hackthon - 2022, organised by Government of India.
- Reviewer for ISBI-2025, ICIC3S 2024, PCEMS 2023, AISP-2022

## Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	10
International / National Level Seminars	01/08
International / National Level Conferences	09/01
Workshops	09
Instructor Led / Self-Paced Courses	10
Webinars	09

## Professional Bodies Membership Details

92888631	IEEE, IEEE Signal Processing Society
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(Venkata Sainath Gupta Thadikemalla)

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