

# Dr. Turimerla Pratap



**Designation** : Assistant Professor  
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 Department of Electronics and Communications Engineering,  
**Velagapudi Ramakrishna Siddhartha Engineering College,**  
 Kanuru, Vijayawada, Andhra Pradesh 520007.

## Education

### Ph. D. (Electronics and Communication Engineering)

2023, Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram

### M.Tech. (Communications and Signal Processing)

2014, Acharya Nagarjuna University, Guntur

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

2011, Jawaharlal Nehru Technological University, Anantapur

## Experience

Period	Designation	Institution / Organization
2022-Till	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada
2017-2021	Research Fellow	Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram
2014-2017	Assistant Professor	Narayana Engineering College, Nellore
2011-2012	Assistant Professor	Narayana Engineering College, Nellore

## Research Interests

### Broad Area of Research : **COMPUTER VISION & APPLIED MACHINE LEARNING**

- Computer-aided Diagnosis (Biomedical Image Analysis)
- Ultrasound Image Despeckling/Denoising
- Bioinformatics
- Image denoising
- MODEMs

## Honors and Awards

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- Received HTRA under Institute Scholar (IIITDM), MHRD, Govt. of India, 2020-21.
- Received Project Fellowship under DST-SERB, Govt. of India, 2017-20.
- Received Institute Fellowship in M.Tech. through GATE, MHRD, Govt. of India, 2012-14.
- Ratified as Assistant Professor by JNTUA, Anantapur.
- Qualified NET Assistant Professor, 2014.

## Courses Taught

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- Introduction to Machine Learning
- Digital Logic Design
- Signals and Systems
- Electronic Devices and Circuits
- Electromagnetic Waves and Transmission Lines
- Digital Image Processing
- Antennas and Wave Propagation

## Research Profile

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### 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=G8PfLHcAAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=G8PfLHcAAAAJ&amp;hl=en</a>
<b>Scopus</b>	<a href="https://www.scopus.com/authid/detail.uri?authorId=57208817570">https://www.scopus.com/authid/detail.uri?authorId=57208817570</a>
<b>ORCID</b>	<a href="https://orcid.org/0000-0002-6700-9822">https://orcid.org/0000-0002-6700-9822</a>
<b>dblp</b>	<a href="https://dblp.org/pid/247/7450.html">https://dblp.org/pid/247/7450.html</a>
<b>Publons</b>	<a href="https://publons.com/wos-op/researcher/3451477/turimerla-pratap/">https://publons.com/wos-op/researcher/3451477/turimerla-pratap/</a>
<b>Research Gate</b>	<a href="https://www.researchgate.net/profile/Turimerla-Pratap">https://www.researchgate.net/profile/Turimerla-Pratap</a>
<b>LinkedIn</b>	<a href="http://www.linkedin.com/in/turimerlapratap">www.linkedin.com/in/turimerlapratap</a>

### Professional Service / Reviewer

- Recognized as a reviewer for *Scientific Reports*, Springer.
- Recognized as a reviewer for *International Journal of Surgery*, Elsevier.
- Recognized as a reviewer for the journal *Computers in Biology and Medicine*, Elsevier.
- Recognized as a reviewer for the journal *IEEE Access*.
- Recognized as a reviewer for the journal *Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization*, Taylor & Francis.
- Recognized as a reviewer for the journal *Measurement*, Elsevier.

## Professional Development Activities - Participations

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Faculty Development and Training Programmes (at least 5 Days)	04
International / National Level Seminars	NIL
International / National Level Conferences	03 / 01
Workshops	04
Instructor Led / Self-Paced Courses	03
Webinars	02

## Professional Bodies Membership Details

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96436812	IEEE Member, IEEE Signal Processing Society Member, IEEE Engineering in Medicine and Biology Society Member
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(Dr. Turimerla Pratap)

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