

Dr. Turimerla Pratap



Designation : Assistant Professor
E-Mail ID : pratapturimerla@gmail.com
Contact at : Room No. EC-339, Staff Room-III,
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)
- Image Restoration
- Applied Machine Learning

- FPGA Accelerators
- Modulation and Demodulation

Honors and Awards

- Ratified as Assistant Professor by JNTUK, Kakinada.
- 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

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

Research Profile

Publications

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

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

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

Faculty Development and Training Programmes (at least 5 Days)	04
International / National Level Seminars	NIL
International / National Level Conferences	05 / 02
Workshops	04
Instructor Led / Self-Paced Courses	03
Webinars	02

Professional Bodies Membership Details

96436812	IEEE Member, IEEE Signal Processing Society Member, IEEE Engineering in Medicine and Biology Society Member
----------	--

Dr. Turimerla Pratap
