FACULTY PROFILE

Name : Kiran Mannem

Highest Qualifications: M.Tech, Ph.D

Department : ECE

Designation : Associate Professor

Phone Number : 9440457027
Email ID :**kiranmannem14@gmail.com, kiran_m_20@rediffmail.com**

Education:

- Completed Ph.D. in Electronics and Communications Engineering (ECE) from JNTUA Anantapur in July 2024.
- Attained an M.Tech degree in Computers & Communications from JNTUK Kakinada in 2007.
- Completed B.Tech in Electronics and Communications Engineering (ECE) from VRSEC Vijayawada in 2001.

Experience:

- Teaching (21 years)
    - Assistant Professor at Swarnandhra College of Engineering & Technology from September 2001 to September 2004.
    - Assistant Professor at GRIET from November 2005 to June 2007.
    - Senior Assistant Professor at GRIET from June 2007 to December 2008.
    - Currently serving as Associate Professor from January 2008 to the present date.

Skills:

- Completed Post Graduate Program in Artificial Intelligence and Machine Learning - Great Lakes Executive Learning - Completed in December 2023.
- Actively contributing as a member in the modernization of ECE labs.
- Life Member of IETE.

Research and Publications:

- Published 28 research articles in peer-reviewed SCI and Scopus indexed journals.
- Reviewer for:
    1. Wireless Personal Communications journal
    2. The Journal of Supercomputing

Professional Development and Coordination:

- Organized and participated in more than 35 Faculty Development Programmes (FDP) within and outside GRIET.
- Served as TEQIP II Nodal Officer (Academics) from March 2015 to June 2017.

- Coordinated the QEEE program from June 2015 to December 2015.
- Engaged in ACE Valuation from November 2014 to November 2017.
- Acted as a session chair at Medhanvesh'17, the Students Tech Fest at BVRIT Hyderabad College of Engineering for Women.
- Alumni Department Coordinator from November 2018 to January 2021.
- Currently serving as JNTU Inspection Department Coordinator since March 2018.

Academic Guidance:

- Guided 25 BTech projects and 9 MTech projects since 2005.
- Mentoring 23 students, focusing on personal and academic difficulties, aiming to enhance their overall performance.

Departmental Coordination:

- FDP Department Coordinator from November 2008 to 2017.
- Currently holding the position of Budget Coordinator since October 2022.
- Exam Branch Coordinator since June 2023.
- BOS Coordinator since June 2024

Institutional Service:

- Served as the Faculty Club Coordinator from August 2021 to August 2022.
- Budget Coordinator since June 2021.
- JNTU Inspection Coordinator since June 2018.

Presentations and Conferences:

- Practical Session on "Design Challenges and Opportunities of AI-enabled THz/6G Technologies" - ATAL Faculty Development Program, Vardhaman College of Engineering - 20-11-2023 - Resource Person
  - Session Time: 04:30 PM - 05:30 PM
  - Topics Covered: Introduction to NS3 and Simulation of a Sample Network
- Simulation of 5G/6G Network using NS3 - ATAL Faculty Development Program, Vardhaman College of Engineering - 23-11-2023 - Resource Person
  - Session Time: 04:30 PM - 05:30 PM

Community Outreach:

- Conducted classes on CCTV for RBVRR Telangana State Police Academy, Himayat Sagar, Hyderabad, for directly recruited SCT SIs (IT & C) and SCT PCs (IT & C) - 2024 Batch.

Institutional Development:

- Contributed to the configuration of MATLAB, Xilinx, and Cadence tools servers during the shifting of ECE labs to a new building.

Certifications and Qualifications:

- Post Graduate Program in Artificial Intelligence and Machine Learning - Great Lakes Executive Learning - Completed in December 2023.

Summary: Dedicated and accomplished academic professional with 21 years of experience in teaching and a strong background in Electronics and Communication Engineering. Possesses an M.Tech degree in Computers & Communications from JNTUK Kakinada and a B.Tech in ECE from VRSEC Vijayawada. Demonstrated expertise in Wireless Communications and Networking, actively engaged in the modernization of ECE labs, and holds a Life Membership in IETE.

Proven leadership in academic coordination and program development, having organized and participated in over 35 Faculty Development Programs (FDP) both within and outside GRIET. Held key roles such as TEQIP II Nodal Officer (Academics) and QEEE Coordinator. Adept at budget coordination and alumni departmental coordination. Strong commitment to student mentorship, having guided numerous BTech and MTech projects since 2005.

Actively involved in community outreach by conducting classes on CCTV for law enforcement trainees. Passionate about advancing knowledge in the academic realm, with a keen focus on integrating AI and ML in the curriculum.

Profile Links:

- [Vidwan Profile](#)
- [Scopus Profile](#)
- [Web of Science Profile](#)
- [Google Scholar Profile](#)
- [ORCID Profile](#)
- [LinkedIn Academic E-portfolio](#)
- [LinkedIn Profile](#)
- [Personal Blog](#)

Passionate about advancing knowledge in the academic realm, I bring a unique blend of teaching, research, and administrative experience to contribute effectively to academic and research initiatives.

Dr. Kiran Mannem