

Dr. J.BENO RANJANA, Assistant Professor



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EDUCATIONAL QUALIFICATION:

Ph.D	Information and Communication Engineering, Anna University	8.77 (CGPA)	April 2026
M.E.	Computer Science and Engineering, Anna University	8.57 (CGPA)	June 2016
B.E	Computer Science and Engineering, Anna University	7.970 (CGPA)	May 2014

HONORS AND AWARDS

Rank Certificate – 33rd rank in University level **2016**
Anna University

TEACHING EXPERIENCE (2.5 years)

Assistant Professor

Department of Information Technology,
National Engineering College, Kovilpatti

June 2025 to Till now

Assistant Professor

Department of Computer Science and Engineering,
Infant Jesus College of Engineering, Thoothukudi

July 2016 to January 2018

PUBLICATIONS

• Journal Publications:

- **J. Beno Ranjana**, Dr. R. Muthukkumar, "Enhancing the identification of autism spectrum disorder in facial expressions using DenseResNet-Based transfer learning approach", in *Biomedical Signal Processing and Control* Journal (Elsevier), 2025. **(Impact factor: 4.9)**
- **J. Beno Ranjana**, Dr. R. Muthukkumar, "ADET model: Real time autism detection via eye tracking model using retinal scan images", in *Technology and Healthcare* Journal, 2025. **(Impact Factor: 1.4)**

• Conference

- **J. Beno Ranjana**, "NeuroASD-Net: A Computationally Efficient 2D CNN Framework for Autism Spectrum Disorder Classification from Structural MRI Slices," *2025 International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication (IConSCEPT)*, Karaikal, India, 2025, pp. 1-6, doi: 10.1109/IConSCEPT66142.2025.11436190.
- International Conference on Research Vogues in Information and Communication Technologies in 2016 held at DMI Engineering College, Aralvaimozhi.
- International Conference on Recent Trends in Electronics, Communication and Computation Technologies held at Sri Ramanathan Engineering College, Tirupur.

- National Conference on Emerging Trends in Applications of Computing held at Francis Xavier Engineering College, Tirunelveli.
- National Level Conference on Recent Trends in Information and Communication Engineering held at Jeyaraj Annapackiam CSI College of Engineering, Thoothukudi.
- **Workshop/ FDPs:**
 - Attended Online International Workshop on “Intellectual Property and Rights” at Scholars Gate – Research Training Institute.
 - Attended One week online FDP on “Blockchain and its Applications” organized by ANURAG University.
 - Attended One week Short Term Programme on “EEG based-Brain Computer Interfaces: Fundamentals to Hands-on Applications” organized by Malaviya Mission Teacher Training Centre at Indian Institute of Information Technology, Kancheepuram, Chennai.
 - Attended 5 days Online National level FDP on “Generative AI and Prompt Engineering” at RP Sarathy Institute of Technology, Salem.
 - Attended “Mastering LaTeX: A Hands-on Workshop for Research Documentation” organized by Abdul Rahman Crescent institute of science and technology, Chennai.
 - Attended virtual webinar on “Artificial Intelligence for Engineering Applications” organized by National Institute of Technical Teachers Training and Research, Chennai.
 - Attended seven days High-End workshop on “Biomedical Signal and Image Processing: A Hands-on approach, organized by NIT Trichy.
 - Attended 30 hours online course on “Machine Learning for Data Science using Python” organized by NIT Warangal.
 - Attended virtual webinar on “MORDEN COMPUTING TOOLS IN MARINE ENGINEERING ARENA” organized by SRM Institute of Science and Technology, Chennai.
 - Attended two days virtual workshop on “Nuances of Research paper writing and publications” organized by Center for Advanced Data Science, organized by Vellore Institute of Technology, Chennai.
 - Attended 10 days virtual workshop on “SERB Sponsored Behavioral Signal Processing Tools and Techniques for the Emotional Analysis in Autism Children” organized by Bannari Amman Institute of Technology.
 - Attended One-week short term training program on “Innovative AI Tools for Research Excellence: A Hands-on STTP for effective writing and Data Visualization” Organized by Guru Gobind Singh College of Engineering and Research Centre, Maharashtra, India.
 - Attended One-week short term training program on “AI enhanced Research writing: Tools, Techniques and Best practices for Academics” Organized by Ballari Institute of Technology and Management, Karnataka, India.
 - Attended One-week short term training program on “Enhancing Research impact: Tools and Techniques for Effective Publishing” Organized by Sai Nath University, Jharkhand, India.
 - Attended five days virtual Faculty Development Program on “Accelerate Research”, organized by Department of ECE, Anurag University, Hyderabad, India.
 - Attended One day National Level workshop on “Machine Learning Techniques for EEG signal processing”, organized by, Karpagam College of Engineering, Coimbatore.

- Attended National Level FDP on “Machine Learning and Deep Learning”, organized by Department of CSE and AI&DS, Care college of Engineering, Coimbatore.
- Attended virtual National Level FDP on “Computer Vision using OpenCV”, organized by Department of CSE, National Institute of Technical Teachers Training and Research, Chandigarh, India
- Attended a Workshop on “Mobile Applications and Gaming Development” Organized by Computer Society of India.
- Attended the National level Seminar on “Big-Data Analytics, Hadoop and Map-Reduce” held at Francis Xavier Engineering College, Tirunelveli.

SUBJECT TAUGHT

- Computer Organization and Architecture
- Computer Networks
- Problem Solving Techniques
- Cloud Computing
- Advanced Computer Architecture
- Resource Management Techniques

PROFESSIOAL MEMBERSHIP

- Lifetime Member - Artificial Intelligence, Machine Learning, Innovative, Entrepreneurs & Engineers (AMIEE)

DECLARATION

I do here by declare that all the above particulars furnished by me are true to the best of my knowledge.

Date : 25-05-2026

Place : Tirunelveli.

Signature
(J. Beno Ranjana)