



Dr. A. BAKIYA
Associate Professor
Department of Electronics and Communication
Engineering
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of
Science and Technology
Chennai – 600062, Tamil Nadu, India
✉ Email: [drbakiyaa@veltech.edu.in]
☎ Phone: [+919884948410]

Dr. A. Bakiya is an inspiring academic and seasoned researcher in the field of Biomedical Engineering. Her pioneering work explores the exciting intersection of **biomedical signal/ image processing, electrophysiology, Optimization techniques and Hyperspectral image processing**, with a particular focus on analysing electrophysiology signals for early diagnosis and intelligent rehabilitation solutions. Dr. Bakiya's research offers immense potential to impact real-world healthcare through advanced AI, deep learning, and computational modeling techniques. With multiple international collaborations, high-impact journal publications, granted patents, and ongoing funded projects from reputed agencies like SERB and ICMR, her lab provides a vibrant, interdisciplinary environment.

Looking for PhD students to work in the following areas

- Image/ Signal Processing.
- Electrophysiology and Computational Modelling.
- AI/ML/DL for Diagnosis and Rehabilitation.
- Smart Sensor System and Embedded Healthcare devices.

Facilities available

- ✓ Bio signal Acquisition device
- ✓ Hyperspectral Camera
- ✓ Other necessary facilities for research activities

Benefits and opportunities

- Monthly fellowship of Rs. 25,000/- for three years
- Publication in SCI-indexed high impact journals
- National and International collaborations

Contact details

Dr. A. Bakiya

Head, Centre of Biomedical Signal Processing
Vel Tech Research Park,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology,
Avadi, Chennai 600 062
Email: bakiya88@gmail.com; drbakiyaa@veltech.edu.in
Mobile: +919884948410