

Ms.Saraswathy Bose

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 <https://www.icet.ac.in/faculties/4/staff-profile>



Employment History

- Aug 2025 – Present  **Assistant Professor**, Ilahia College of Engineering and Technology
- Jul 2024 – Jun 2025  **Assistant Professor**, Dhanalakshmi Srinivasan College of Engineering (Autonomous), Coimbatore
Worked on power systems, automation, renewable energy integration, curriculum development, accreditation, and supervised MATLAB, SCADA, IoT, and embedded system projects.

Education

- Oct 2022 – Jul 2024  **Post Graduation, Government Engineering College Thrissur:** M.Tech in Power Systems
CGPA: 7.99
- Aug 2018 – Jun 2022  **Under Graduation, Jyothi Engineering College Thrissur:** B.Tech in Electrical and Electronics Engineering
CGPA: 8.29

Research Publications

“Nature Inspired Moth Flame Optimization based MPPT Algorithm for Solar PV System,” *IEEE*,
Published on 10 February 2025.

Skills

- Technical Skills  Circuit design; Power system modelling and relay coordination; MATLAB & Simulink; Python; Statistical data analysis and process documentation tools; MS Office Suite; Technical documentation & report preparation
- Soft Skills  Team collaboration; Cross-functional communication; Tutoring and mentoring; Project management; Multitasking abilities; Communication skills
- Languages  English, Malayalam

Miscellaneous Experience

Duties/Responsibilities

- 2025  **Patent cell incharge**
 **Department Project Coordinator**
 **Funded Projects Department Coordinator**
 **Department Website Incharge**
 **Department Newsletter Incharge**
 **R and D Cell Department Coordinator**
 **Department Academic Coordinator**
 **Department Project Lab Incharge**

Miscellaneous Experience (continued)

- Department Workload Coordinator
- NBA Criterion 7 Department Coordinator
- NBA Criterion 8 Department Coordinator
- NAAC Criterion 3 Department Coordinator
- NAAC Criterion 8 Department Coordinator
- Attendance Monitoring Committee Member
- Feedback Committee Member

References

Dr. Abhiraj T.K

Head of the Department

Department of Electrical & Electronics Engineering

Ilahia Collage Of Engineering & Technology,

Mulavoor P.O, Muvattupuzha

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