

Dr. Abhiraj T K

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🌐 <https://www.icet.ac.in/faculties/5/staff-profile>



Employment History

- Jan 2021 – **Associate Professor & HoD**, Department of Electrical & Electronics Engineering, Ilahia College of Engineering & Technology
- Aug 2020 – Jan 2021 **Associate Professor**, Department of Electrical & Electronics Engineering, Ilahia College of Engineering & Technology
- Aug 2018 – Jul 2020 **Principal in charge**, Ilahia School of Science & Technology
- Jun 2018 – Jul 2018 **Associate Professor & HoD**, Department of Electrical & Electronics Engineering, Ilahia School of Science & Technology
- Aug 2017 – May 2018 **Assistant Professor & HoD**, Department of Electrical & Electronics Engineering, Ilahia School of Science & Technology
- Nov 2011 – Jul 2017 **Assistant Professor**, Department of Electrical & Electronics Engineering, Ilahia School of Science & Technology

Education

- 2013 – 2018 **Research, Annamalai University:** Ph.D in Electrical and Electronics Engineering
Thesis title: *Dragonfly Optimization Based Algorithms for Enhancing Voltage Stability of Radial Distribution Systems*
- 2009 – 2011 **Post Graduation, Annamalai University:** M.E in Power System.
Project title: *Economic emission load dispatch with valve-point effect through bacterial foraging algorithm.*

Research Publications

Journal Articles

- 1 T. K. Abhiraj, J. Suganthi, S. Koganti, J. Kumaran, and J. Sasikala, "Enhanced football game optimization-based k-means clustering for multi-level segmentation of medical images," *Progress in Artificial Intelligence, Springer*, vol. 10, no. 4, 2021.

Skills




- Languages **Strong reading, writing and speaking competencies for English and Malayalam.**
- Software **MATLAB, LaTeX, MS Office, Electrical CAD, Etap.**
- Misc. **Academic research, teaching, training.**

Miscellaneous Experience

Certification/Affiliation

2013  **The Indian Society for Technical Education (ISTE):** Life Member (LM90337).

Seminars

- 2020  **Hybrid Electrical Vehicle**, Ilahia College of Engineering and Technology.
-  **Research and Funding Schems in Higher Education**, Ilahia College of Engineering and Technology.
-  **An Advanced Analysis of Kerala Power System**, Ilahia College of Engineering and Technology.

Workshops

2023  **The art of authoring and publication of academic books**, Ilahia College of Engineering and Technology.

Duties/Responsibilities

Mar 2022 –  **Nodal Center Coordinator, Virtual Labs**

2023  **Convener, disciplinary action committee for malpractice**

References

Dr. M.V.Rajesh, Associate Professor, College of Engineering Chengannur, mvrajeshihrd@gmail.com,