

Dr. Abhiraj T K

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



Employment History

July 2024-.....	Professor & Hod, Dept. of EEE, ICET
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: <i>Dragonfly Optimization Based Algorithms for Enhancing Voltage Stability of Radial Distribution Systems</i>
2009 - 2011	📌 Post Graduation, Annamalai University: M.E in Power System. Project title: <i>Economic emission load dispatch with valve-point effect through bacterial foraging algorithm.</i>

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,