

Ms. Shahna Nurudeen

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



Employment History

- May 2022 – March 2024  **Assistant Professor**, Department of Electrical & Electronics Engineering, College of Engineering, Munnar
- April 2024 – June 2025  **Assistant Professor**, Department of Electrical & Electronics Engineering, Mar Athanasius College of Engineering, Kothamangalam.
- Jul 2025 –  **Assistant Professor**, Department of Electrical & Electronics Engineering, Ilahia College of Engineering and Technology

Education

- 2019 – 2021  **Post Graduation, KTU University:** M.Tech in Power Electronics, Mar Athanasius College of Engineering Kothamangalam
Project title: *Switched Inductor Based High Voltage Gain Sepic Converter.*
- 2015 – 2019  **Under Graduation, KTU University:** B.Tech in Electrical and Electronics Engineering, Ilahia College of Engineering and Technology.
Project title: *A new negative output buck-boost converter with wide conversion ratio..*

Research Publications

Journal Articles

- 1 N. Shahna, "High gain dc-dc converter with switched capacitor-inductor network," *International Journal of Advance Research in Electrical, Electronics and Instrumentation Engineering*, vol. 10, 2021.
- 2 N. Shahna, "Switched inductor based high voltage gain sepic converter," *International Journal of Engineering Research and Applications*, vol. 11, no. 7, pp. 53–58, 2021.

Skills

- Languages  Strong reading, writing and speaking competencies for English and Malayalam
- Coding  C, C++, Python, Java SQL, $\text{\LaTeX}$
- Misc.  Academic research, teaching, $\text{\LaTeX}$ typesetting and publishing, Academic Content Creator

Miscellaneous Experience

Awards and Achievements

- 2021  **First class with distinction**, M.Tech result from KTU University.

Seminars

- 2022  **Fostering the new dimensions of Teaching Learning Practices in Technical Education**, presented at MACE, Kothamangalam.

Miscellaneous Experience (continued)

Workshops

- Jan 2025  **FDP on SCADA Automation**, Mar Athanasius College of Engineering.
- Feb 2025  **FDP on Innovation Lab**, Mar Athanasius College of Engineering.
- Jun 2025  **FDP on Research methodology and intellectual property rights**, Ilahia College of Engineering and Technology.

Duties/Responsibilities

- 2025  **Academic Council Member,**
-  **Anti Ragging Committee Member,**
-  **Discipline Committee Member,**
-  **Training and Placement cell Coordinator,**
-  **Exam cell Member,**
-  **Standards club Member,**
-  **Staff Advisor(2024-2028) Batch,**
-  **Department Association,**
-  **Purchase and Budget Allocation,**
-  **NBA Criteria 4 and 9,NAAC Criteria 2 and 5,**
-  **Academic Handbook Member,**
-  **LAB Incharge-Electronics Circuits lab and Power Electronics Lab**

References

Dr. Abhiraj T K

Head of the Department
Department of Electrical & Electronics Engineering
Ilahia Collage Of Engineering & Technology,
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Dr. K. A. Navas

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