



# Ms. Thakku Peter

Assistant Professor, Electrical & Electronics Engineering

## Administrative Responsibilities

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- Website and Social Media Committee Secretary
- Department SEP Co-ordinator
- NBA Criteria 7 Co-ordinator
- Member of PESSCIMCON conference Technical Committee

## Education Summary

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- M.Tech in Power Electronics and Power Systems from Adi Sankara College of Engineering and Technology, Kalady.
- B.Tech in Electrical & Electronics Engineering from Ilahia College of Engineering and Technology, Muvattupuzha.

## Employment History

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- Assistant Professor at Christ College of Engineering, Irinjalakuda (February 2026-present )
- 6 years of teaching experience as Assistant Professor at Government Model Engineering College, Thrikkakkara.
- 2 years' experience as Electrical Engineer at Kerala Small Industries Development Corporation Ltd.
- 4 years' experience as Electrical Design Engineer at Sree Bhadra Electrical Services and Traders Pvt Ltd. A class Electrical Contracting firm

## Areas of Interest

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- Power Electronics
- Renewable Energy Systems

## Specialised Training

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- 5-Day Faculty Induction Programme LUMINA 26 organized by Christ College of Engineering(22 June 2026 to 26 June 2026)

## Journals/Papers published

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- Thakku Peter, Sajith R P, "Voltage Stability Assessment in Power Systems using Artificial Neural Networks", *IEEE International Conference on Magnetcs, Machines & Drives*, July 2014.
- Thakku Peter, Sajith R P, "Critical Bus Identification Using ANN and Optimal Placement Of SVC Using PSO for Voltage Stability Enhancement in Power Systems" *International Conference on Energy, Environment, Materials, and Safety*, December 10-12, 2014.

Thakku Peter, Sajith R P, Jasmy Paul, "Optimal Placement of SVC in Power Systems using PSOTomeet Voltage Instability" *IEEEInternational Conferenceon Signal Processing, Informatics, Communication and Energy Systems* , National Institute of Technology Calicut, February 19-21, 2015(Accepted)