

Mrs. N. PRIYA,
Assistant Professor



Education Qualification:

- B. Tech – Electrical and Electronics Engineering – SASTRA (Deemed to be University).
- M. Tech – Power Electronics & Drives – SASTRA (Deemed to be University).
- DEEE - Electrical and Electronics Engineering – DOTE, Chennai.

Professional Experience:

- Working as an Assistant Professor in **Periyar Maniammai Institute of Science & Technology** (Deemed to be University), Thanjavur from January'2020 to till date.
- Worked as an Assistant Professor in **Kings College of Engineering**, Thanjavur from June' 2016 to October'2017. (1 Year and 5 Months).
- Worked as an Assistant Professor in **Parisutham Institute of Technology & Science**, Thanjavur from June' 2014 to May' 2016. (2 Years).

Area of Interest:

- Power Electronics.
- Solid State Drives.
- Electrical Machines.
- Special Machines.
- Control System.
- Renewable Energy Systems.

Patent Publication:

- “A System Monitoring for Harvesting of Farming Using Drone Technology” – Innovation Patent by Australian Government (AusPat), Application No: 2020101843, Granted on 09.09.2020 & Published on 24.09.2020.

Book Chapter Publication:

- Contributed a Chapter in the book entitled “Machine Learning & Applications” with ISBN: 978-93-86923-47-9 by Dipti Press OPC Pvt Ltd, Chennai, Tamil Nadu, India.

Papers Publication:

- “A New Design Hybrid Cascaded Multilevel Inverter for AC-DC-AC Conversion” – Published in IJITEE Volume 09, Issue.4, February 2020 Pages: 692-696.

- “Design and Implementation of Five Level Multilevel Inverter Fed Motor Drive” – Published in IJARBEST Vol.3, Issue.11, November 2017 Pages: 12-18.
- “FPGA based Interleaved Bidirectional Converter for Electric Vehicle” – Published in IJARTET Volume 04, Special Issue 11, March 2017 Pages: 404-407.
- “Design of Controllers for Single Inductor Multiple Output DC-DC Converter” - Published in IJAER Volume 09, No. 14 (2014) Pages: 2435-2446.
- "Harmonics Analysis of Multilevel Inverter Based Single Phase AC-DC-AC Converter" – Published in IJASET Volume 03, No. 01, Jan-Dec 2014 Pages: 14-18.

Membership in Professional Bodies:

- ISTE & ISRD - Life Member