

# SRIDHANYA M.I

Assistant Professor  
Dept. of Electrical and Electronics Engineering  
LBS College of Engineering  
Kasaragod, Kerala, India- 671542



## EDUCATION

- Pursuing Ph.D from College of Engineering Trivandrum under KTU
- M.Tech (Power Electronics and Drives) -Anna University- 2006
- B.Tech (Electrical & Electronics Engineering) - Calicut University- 2004

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: [misridhanya@gmail.com](mailto:misridhanya@gmail.com)

## RESEARCH INTERESTS

Power Electronics Applications in Renewable Energy and Electric Vehicles

Power Conversion: New converter topologies and FACTS

## PROFILES

**LINKED IN PROFILE:** <https://www.linkedin.com/in/sridhanya-madhav-1a9b41118/>

## PROFESSIONAL EXPERIENCE

- **LBS College of Engineering** | Kasaragod | Assistant Professor | 17<sup>th</sup> Jan 2020 to till date
- **LBS Institute of Technology for Women** | Poojappura | Assistant Professor | 26<sup>th</sup> Dec 2012 to 8<sup>th</sup> Jan 2020
- **Mar Baselios College of Engineering and Technology** | Thiruvananthapuram | Assistant Professor | 01 December 2009 to 17th November 2011
- **Cognizant Technology Solutions Pvt Ltd** | Chennai | Programmer Analyst | 18<sup>th</sup> September 2006 to 17th August 2009

## SUBJECTS TAUGHT

- **UG Level**  
Basics of Electrical Engineering, Electric Drives and Control, Control Systems, Electrical Measurements and Measuring Instruments, Electric Machines, Power Electronics, Power System Analysis, Electronic Circuits, Hybrid Electric Vehicle, FACTS, Microprocessors and Microcontrollers, Synchronous and Induction Machines, DC Machines and Transformers and Energy Management
- **PG Level**  
HVDC, FACTS and Power System operation and Control

## ACHIEVEMENTS

1. Received LBSCEK PTA appreciation for 97% results for Basics of Electrical and Electronics Engg in May 2023 exams

## MEMBERSHIPS IN PROFESSIONAL BODIES

1. ISTE

## JOURNAL/CONFERENCE PUBLICATIONS

1. Sridhanya M.I "An Overview of E-Mobility, Battery Technologies and future Challenges" International Journal of Engineering Science and Computing-July 2019, Vol 9, Issue7
2. Sridhanya M.I "Phase Modulated DC-DC Converters for EV" International Journal of Engineering Science and Computing-June 2019, Vol 9, Issue6
3. Sreevidya N, Sridhanya M.I., "Speed Control of Switched Reluctance Motor for Electric Vehicle Applications " International Conference on Emerging Trends in Signals, systems and Information ICETSSI Nov 2021.

## FACULTY DEVELOPMENT PROGRAMS, CONFERENCE & WEBINARS COORDINATED

1. Three days FDP on "Solar Photovoltaics and Applications to Smart Grid "sponsored by TEQIP II from 25-27 July 2016.
2. One day workshop on "Improving Communication skills for Faculty" sponsored by TEQIP II on Aug 8 2016.
3. Coordinator of the Expert Talk on "Off shore Wind Energy and Grid Integration Technology" for students in April 2021
4. Coordinator of Expert Talk on Space and Entrepreneurship on the eve of World Space Week November 9 ,2023

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## **MAJOR ADMINISTRATIVE WORKS UNDERTAKEN**

1. NSS PO from Jan 2019 to Jan 2020
2. NPTEL SPOC from July 2019 - Jan 2020
3. Staff advisor for B.Tech EEE 2020-2024 Batch.
4. Department Time Table Co-ordinator from Jan 2022
5. Exam Cell Coordinator from Nov 2023 - Oct 2024
6. Industry Institute Interaction Cell Coordinator from June 2023 till date

**9-01-2025**

**SRIDHANYA M.I**

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