

Faculty Profile



Dr. S. Marisargunam , M.E.,MBA., Ph.D
Assistant Professor (OG) – EEE

HIGHLIGHTS:

- Number of Journal Publications: 09
- H-Index: 02
- Patents Published: 02

PROFESSIONAL LINKS:

- Scopus ID: 57200145083
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=57200145083>
- Google Scholar ID: <https://scholar.google.com/citations?hl=en&user=E6ElrnYAAAAJ>
- Web of Science ;<https://www.webofscience.com/wos/author/record/NFT-5514-2025>
- Orchid id :<https://orchid.org/0009-0008-5157-2048>
- Anna University Faculty ID: 310007
- AICTE Faculty ID: 1-741115824

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 20 years
- Industrial Experience: 08 years

AREA OF SPECIALIZATION:

- Electrical Power systems
- Electrical machines
- Soft computing Techniques
- Renewable Energy

Ph.Ds AWARDED WITH DETAILS: Nil

COURSES CERTIFIED:

- **NPTEL Course Completed:**
- CS 101- Introduction to Machine Learning
- CS 95- Introduction to Industry 4.0 and industrial internet of things (IoT)
- CS118- Cloud computing.
- CS 60-Python for Data Science
- CS 101-Data Science for Engineers
- CS 92 -Reinforcement Learning
- CS70 -Human computer interaction
- CS02- Mathematical Foundations of machine learning.
- CS45- Natural language Processing.

Book Chapter/ Book Publications:

- Applications of IoT using AI: Transforming Industries. Cambridge Scholars Publishing Lady Stephenson Library, Newcastle upon Tyne, NE6 2PA, UK British Library Cataloguing in Publication Data A catalogue record for this book is available from the British Library. ISBN: 978-1-0364-5955-0 ISBN (Ebook): 978-1-0364-5956-7 2025
- Basic Electrical and Electronics Engineering (Textbook), Dhara Publishers 2025
- PV-Based Bidirectional Novel Isolated Converter for EV System Futuristic Trends in Renewable & Sustainable Energy (IIP Series), Vol.3, pp.79–93 2024.

Short-Term Training Course

- Power control in grid connected Renewable Energy Systems conducted by Aditya University, Andhra Pradesh from 30th March 2026 to 04th April 2026.
- Design of solar power systems conducted by Aditya University, Andhra Pradesh from 13th October 2025 to 17th October 2025.
- Power System Protection & High Voltage Engineering by VIT University on Sep 2010.

ACHIEVEMENTS AND AWARDS:

- Best paper presentation Award
- 100% results achievement – subjects Handling

- NPTEL received Discipline star Certification in Computer science Engineering.

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- Participated in the PM-USHA (GIEI) sponsored Five-Day Faculty Development Programme on “**Advanced Research Methodology with AI Tools for Academic Excellence**”, conducted by SKP Government Degree College (A), Guntakal (Affiliated to Sri Krishnadevaraya University), in collaboration with Blackbucks Education Pvt. Ltd., held from 20th January 2026 to 24th January 2026.
- Participated in Six Days Faculty Development Program (online Mode) on “**Electric Vehicles – Breakthroughs & Challenges** “organized by Department of Electrical and Electronics Engineering, Aalim Muhammed Salegh College of Engineering, Chennai from 15th Dec to 20th December 2025.
- Participated in online certification course on “**Design of solar power systems** “organized by Aditya University of Andhra Pradesh from 13th October 2025 to 17th October 2025.
- Participated in International online seminar on “**Empowering the world with AI: innovation beyond boundaries** “organized by University of Edenberg, Zambia,Africa collaboration with Danish Ahamed institute of Technology india on 16th July 2025.
- Participated in Five Days Faculty Development Program (online Mode) on “**Cyber Physical Systems** “organized by Dr.M.G.R. Educational and Research institute, Deemed to be university, Chennai from 26th May to 30th May 2025.
- Participated in Five Days Faculty Development Program (online Mode) on “**Transforming Tomorrow: Unleashing the power of machine learning and cutting-edge Signal image Processing For Healthcare** “organized by Kongunadu college of Engineering and Technology, Trichy from 26th May to 30th May 2025.
- Participated in Five Days National level Faculty Development Program (online Mode) on “**Advanced power Electronics and Intelligent Control for Sustainable Electric Mobility and Renewable Energy Systems** “organized by Sri Sairam Institute of Technology, Chennai from 05th May to 9th May 2025.
- Participated in one week National level Professional Development Program (online Mode) on “**Empowering the future of AI with Quantum Computing: Insights and Applications** “organized by VNR Vignana Jyothi institute of Engineering and Technology, Hyderabad From 23rd December to 28th December 2024
- Participated in 10 days workshop series on “**From scratch to deployment: hands on model building with keras and tensor flow** “organized by sri venkateswara college of Engineering from 14th October 2024 to 25th October 2024.
- Participated in International Faculty Development program on **Machine Learning and Artificial Intelligence** organized by Pimpri Chinchwad college of engineering and research Pune in collaboration with ExcelR Edtech Pvt Ltd,from 12th August to 19th August 2024.
- Participated in a National webinar on “**NEP 2020: Best Practices in Research & Innovation**” Organized by IIC of Rami reddy subbarami reddy Engineering College, Nellore on July 29th 2024.
- Attended one week National level PDP on “**Generative AI Essentials – A Deep Dive into Theory and practice**”

- organized by VNR Vignana jyothi institute of Engineering, Hyderabad From 22nd July to 27th July 2024.
- Attended two weeks workshop on “**Cloud Technology – Microsoft Partner**” at Dr.Sivanthi Aditanar College of Engineering, Tiruchendur on June 2018.
- Attended one day Faculty Development Programme on “**Research Methodologies**” at Chandy College of Engineering, Tuticorin on January 2016.
- Attended three days Faculty Development Programme on “**Soft Computing Techniques**” at National Engineering, Kovilpatti on August 2017.
- Co ordinated in ROBOFEAST-2015 NATIONAL Quadcopter championship workshop held from 29 th September to 30 th September 2014 at Chandy college of Engineering Thoothukkudi.
- Attended one week FDP Course on “**Probabilty and random process**” at University VOC Engg college in Dec 2014.
- Attended one week FDP Course on “**Recent Trends in Power System and power Electronics Engineering**” at Pondicherry Engg college in june 2013.
- Attended three days FDP Course on **MISSION 10X** at Chandy College of Engineering, Tuticorin.
- Attended one day National Level Workshop on “**Computer simulation for electrical engineers**” at NPR Engineering College in Sep 2011.
- Attended two days National Level Workshop on “**Advances in design and control for performance enhancement in permanent magnet motors**” at Pondicherry University in Apr 2011.
- Attended one day National Level Workshop on “**Recent Research Techniques in Power Systems**” at National college of Engg in Aug 2011.
- Presented the paper at National Conference Titled as “**Diagnosis of ZnO arresters using Neural Network**” on Emerging Trends in Electrical Sciences, NACETES’11 at The Rajaas Engineering College in Mar 2011.
- Attended five days National Level Workshop on “**Computing Technologies for Power Systems**” at Amrita University in Dec 2010.
- Attended one day National Level Workshop on “**Fuzzy logic and genetic algorithm applications using Matlab**”at Velammal College of engg Oct 2010.
- Attended two days Short term Course on “**Power System Protection and High Voltage Engineering**” at VIT University in Sep 2010.

PROFESSIONAL MEMBERSHIPS:

- M.Sc. Yoga for human excellence in M.S. University, Tirunelveli
- Life member in International Association for Engineers (No. 105931)
- Electrical Engineer- C’ Licence holder. Number: C39395 issued by Tamil Nadu Electricity Board (TNEB).