

## Faculty Profile



**Dr. Sripriya Ranganathan, M.E, Ph. D**  
Associate Professor

### **HIGHLIGHTS:**

- Number of Journal Publications: 4
- H-Index: 1
- Project Funding Received: Nil
- Patents Published: 2
- Patents Granted: Nil

### **PROFESSIONAL LINKS:**

- Scopus ID: **57224646772**
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=57224646772>
- Google Scholar ID: <https://scholar.google.com/citations?hl=en&user=NQe15Q0AAAAJ>
- Anna University Faculty ID: **264706**
- AICTE Faculty ID: **1-495034618**
- Anna University Supervisor ID: Nil
- LinkedIn: <https://www.linkedin.com/in/sripriya-ranganathan-182b08218>

### **PROFESSIONAL BACKGROUND:**

- Teaching Experience till date: 17 yrs
- Industrial Experience: 2 yrs

### **AREA OF SPECIALIZATION:**

- Power Electronics
- Controllers
- Microgrid
- IoT

### **PATENTS PUBLISHED/GRANTED:**

- 202441029032 - Published
- 202441063680 - Published

## **COURSES CERTIFIED:**

- GREAT LAKES EXECUTIVE LEARNING – Post Graduate Program in Data Science and Business Analytics
- NPTEL – AICTE: Body Language: Key to Professional Success

## **ACHIEVEMENTS AND AWARDS:**

- M.E – Anna University 3<sup>rd</sup> Rank, 2014

## **SPECIAL SESSIONS DELIVERED:**

- Electromagnetic Waves
- Control Systems
- Circuit Theory
- Python for Data Science
- Synchronous Machine
- Electrical Machines

## **CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:**

### **Conference Attended**

### **IEEE Proceedings / Scopus:**

- Sripriya Ranganathan, S. Rama Reddy and V. Jamuna (Dec 2013), “Modeling and comparison of Six Switch and Three Switch single phase to three phase matrix converters”, IET Chennai Fourth International Conference on Sustainable Energy and Intelligent Systems (SEISCON 2013) at K.C.G College of Technology Chennai

### **Non-Scopus:**

- AntoJudeeRajesh Kumar .M & Sripriya.R (2016), “DESIGN AND SIMULATION OF HYBRID SYSTEM FED MULTIPLE INPUT SINGLE OUTPUT CUK DC-DC CONVERTER”, International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS), vol 8, pp- 1593-1598.
- Jennifer Kumein .V. P, Jeyasudha .M, Prem Kumar.J, Sripriya .R, (2017),” Multiport Cuk-SEPIC converter for Hybrid Energy System”, International Conference on Emerging Trends in Science, Engineering & Technology ICETSET pp – 103 -108
- M.ARJUN, V.BHUVANESHWARI, K.CHANDRASEKAR , R.SRIPRIYA (March 2018),” Six Phase VSI with Two level Space Vector Modulation for Asymmetrical Double neutral Six phase Induction Motor”, National Conference On Emerging Trends In Science Engineering and Technology NCETSET pp- 470-475

## **SEMINARS ATTENDED**

- “Electric Drives and Challenges of Electric Transportation”, KCG College of Technology (In collaboration with Indian Railways and ABB), 12/12/2017
- “Recent Trends in Renewable Energy”, Institute of Engineers (India) sponsored 2 days All India seminar in Jerusalem College of Engineering, 3/1/2018&4/1/2018

## **WORKSHOPS ATTENDED**

- “Induction Heating”, conducted by the EEE department , Jerusalem College of Engineering, on 12/07/2010.
- “Mission 10X”, conducted at Tagore Engineering College, from 22/11/2010 to 26/11/2010.

- “High Impact Teaching Skills”, Wipro, 22<sup>nd</sup> & 23<sup>rd</sup> November 2010.
- “Design and Analysis of Renewable Energy based Micro-Grid using HOMER and PV syst”, conducted at Easwari Engineering College, on 30/11/2016.

**PROFESSIONAL MEMBERSHIPS:**

- ISTE - LM 77478
- IEI - AM 168078-4