

**Mr/Ms. Lakshmi krishnan**  
**Assistant Professor**  
**Department of**  
**Electrical and Electronics & Engineering**



[lakshmi592@gmail.com](mailto:lakshmi592@gmail.com)

Contact No: 8907864935

**Academic Background:** **B.Tech** (Electrical and Electronics Engineering), Ilahia College of Engineering and Technology Mulavoor. M. G. University, Kerala, 2009  
**M.Tech** (Power Systems), Saintgits College of Engineering Paathamuttam. M. G. University, Kerala, 2009, 2011

**Areas of interest:** Control Systems, Power Systems

**Subject handled:** **B.Tech.:** Control Systems, Basics of Electrical Engineering, Introduction to sustainable engineering, Design and Engineering, Linear control system, mechatronics, Digital Signal processing. Power Electronics

**M.Tech.:** Modern Control Systems, Power semi converters, Power System operation and systems

**Software Proficiency:** **MATLAB, PSCAD, ETAP.**

**Experience:** **6years**  
**(Total Experience)**

**Academics: (6 years)**

1. Noveber 2010 to April 2011
2. july 2012 to Till date

1. **Assistant Professor**, Department of Electrical and Electronics Engineering, KMP College of Engineering Cherukunnam
2. **Assistant Professor**, Department of Electrical and Electronics Engineering, Ilahia College of Engineering & Technology, Mulavoor, Muvattupuzha.

**Professional Association Activities**

---

**Publications details :**

**International Journals  
/ Conferences:**

1. Ms. Sharna S, Asst. Prof. Lakshmi Krishnan, "A new bridgeless power factor corrected voltage double circuit for dc drives" International conference on "energy and environment management"NSS college of engineering Palakkad, July 24&25,2015....
2. Ms. Sharna S, Asst. Prof.Lakshmi Krishnan, "Simulation of a dc-dc boost converter for high power applications" International conference on "energy and environment management" NSS college of engineering Palakkad, July 24&25,2015
3. Asst. Prof.Lakshmi Krishnan, Asst. Prof.Fossy Mary Chacko, "Tri loop error driven sliding mode controller in MPFC for power quality improvement" National conference on "recent trends in electronics ,instrumentation and automation". Erode Sengunthar engineering College, March 14 , 2012
4. Asst.Prof.LakshmiKrishnan, Asst. Prof.Fossy MaryChacko, "Power quality improvement using MPFC in LVDS andWECS" National conference on advances in electrical and electronics engineering, Sri Venkatswara college of engineering . Sriperubudur, February 17,2012

---

**Workshops:**

1. Short Term Training Programme- "Recent Trends in Power Systems "Saintgits College of Engineering. Pathamuttom October 26-28,2011
  2. "Short Term Training Programme-"Research domains in power electronics and power systems " Amaljyothy college ofEngineering kanjirappally May 26-30,20113.
  3. Faculty development programme on "Nano technology applications in engineering" Mar Athansius Collge ofEngineering Kothamangalam July8-14, 2015
  4. Faculty Development programme on "Grid connected energyresources" Viswajyothy college
-

---

of Engineering , Vazhakulam

5. Faculty Development programme on “Design And Engineering” Federal Institute of Science and Technology Angamali
6. Faculty Development programme on “Design And Engineering” Rajagiri College of Engineering and technologyErnakulam
7. One day workshop on "Mechatronics", Ilahia College of Engineering And Technology. Mulavoor
8. Faculty Development programme TEQUIP workshop o “Design And Engineering “at College of Engineering Cherthala
9. One day workshop on "Introduction to Matlab", Ilahia College of Engineering And Technology. Mulavoor by Electronics Department
10. Short Term Training Programme on “Advancements in Electrical Machines and Industrial Automation” organised by Dept. Electrical and Electronics Engineering,VJCET, Vazhakulam, sponsored by ISTE,June 2018

---

**Other Responsibilities**

1. Department News letter coordinator
  2. Department KTU series Exam cell Member
  3. Department internal auditor
-