

**DHIVYA HARIDAS**  
**Assistant Professor**  
**Department of Electrical**  
**& Electronics Engineering**



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**Academic Background:** **B.Tech** (Electrical & Electronics Engineering), Mahatma Gandhi University, Kerala, 2006 (first class)  
**M.Tech**(Engineering Statistics), Cochin University, Kerala, 2012 (first class)

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**Areas of interest:** Electrical Machines, Management theory and Quality Control

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**Subject handled:** Principles of Management, Intellectual Property Rights, Basic Electrical Engineering, Electrical Drawing, Electrical Measurements, Instrumentation, Electrical Machines, Digital Systems and Computer Organisation, Power Generation and Distribution, Opto Electronics, business economics

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**Software Proficiency:** M S Office, Electrical Cad, Mini tab, SPSS, MATLAB

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**Experience:**  
**(Total experience 10 years)**

**Academics: (10 Years )**

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| 1. 2012 to till date        | <b>Assistant Professor</b> , Department of Electrical and Electronics Engineering, Ilahia College of Engineering, Mulavoor |
| 2. 2007 to 2012             | <b>Lecturer</b> , Department of Electrical and Electronics Engineering, Ilahia College of Engineering, Mulavoor            |
| 3. June 2007 to august 2007 | <b>Lecturer</b> , Department of Electrical and Electronics Engineering, Munnar Engineering College, Munnar                 |

4. February 2007 to  
June 2001

**Lecturer**, Department of Electrical and Electronics  
Engineering, Govt. Engineering College, Idukki

5. October 2006 to  
February 2007

**Vocational Lecturer**, MRDA Department, SNDP  
VHSS, Adimaly

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**Professional Association  
Activities**

Life member in ISTE

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**Publications:**

**International Journals  
/conferences**

1. Published a research paper titled "Speed Control Induction Motor with Feedback" in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IAREEIE), Volume 5, Issue 4, April 2016. ISSN 2278-8875.
2. Published a research paper titled "Fuzzy Controlled Capacitor Voltage Balancing Control for a Three Level Boost Converter" in the International Journal of Engineering Trends and Technology (IJETT), Volume 30 number 4, December 2015, JSSN 2231-5381.
3. Published a research paper titled "Fuzzy Logic Control Based Single Stage Integrated Three Level Converter" in the International Journal of Emerging Trends in Engineering Research (IJETER), ISSN 2347-3989, Volume 3, No.12, December 2015, Page numbers 135-141.
4. Published a research paper titled "Simulation of a Multiple input voltage copier circuit" in the International conference of Energy and Environment Management -EEM 2015 during July 24-25 organized by the Department of Electrical & Electronics Engineering, NSS College of Engineering, Palakkad in association with Institution of Electronics and Telecommunication Engineers,
5. Published a research paper titled "Comparative Study of Zeta Converter and a Novel Zeta Converter with Coupled Inductor" in the International Journal of Emerging Trends in Engineering Research (IJETER), ISSN 2347-3983, Volume 3, No 7, July 2015, Page no 50-54.

**Conferences/Seminars/  
Workshop Participated**

1. Attended short term training program on “Grid Connected Renewable Systems” organized by Department of Electrical and Electronics Engineering, Viswajyothi College of Engineering and Technology, Muvattupuzha from 7<sup>th</sup> to 11<sup>th</sup> December 2015.
2. Attended the XXXI Annual Convention of Indian Society for Probability and Statistics (ISPS) and International Conference on Statistics, Probability and Related Areas held at Department of Statistics, Cochin University of Science and Technology during 19-22 December, 2011.
3. Workshop on "MATLAB & Simulink" organized by the Department of Electrical & Electronics Engineering from 25<sup>th</sup> to 26<sup>th</sup> June 2104.
4. Attended short term (6 days) training program on “Advancements in Electrical Machines and Industrial automation” organized by Department of Electrical and Electronics Engineering, Viswajyothi College of Engineering and Technology, Muvattupuzha from 25<sup>th</sup> to 30<sup>th</sup> December June 2018.

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**Events Organized/  
Conducted**

1. one day seminar on "energy management"
2. seminar on “electrical safety”
3. "CAD workshop " for final year students (every year)

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**Achievements**

1. Received the "Certificate of Excellence" for outstanding performance during academic year 2012-2013,2014- 2015, 2015-2016

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**Add – on Corses Attended**

1. NPTEL Digital Elecronics

## 2. NPTEL Total Quality Management

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### **Other Responsibilities:**

1. Training & Placement Department coordinator
  2. Staff Tutor (2014-2018 batch)
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