

Mr Harikumar R
Assistant Professor
Department of
Electrical and Electronics Engineering



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Academic Background:

B.Tech (Electrical and Electronics),M.G University,
Kerala, 2008

M.Tech (Power Electronics And Power systems),
M G University, Kerala, 2012

Areas of interest:

Subject handled:

B.Tech: Electrical Technology, Electrical Drives and
Control, Control Systems, Material Science, Drives
and Control, Electrical Machines Design

M.Tech: Flexible AC Transmission Systems,
Advanced Power Semiconductor Devices

Software Proficiency: PSCAD, MATLAB

Experience:
(8 Years)

Academics: (7years)

1. September 2011 to
August 2012

2. August 2012 to
September 2018

1. Assistant Professor, Department of
Electrical And Electronics Engineering,
Indiragandhi College of Engineering,
Nellikuzhi, Kothamangalam.

2. Assistant Professor, Department of
Electrical And Electronics Engineering,
Ilahia College of Engineering &
Technology, Mulavoor, Muvattupuzha.

Industry: (1 years):

1. October 2008 to
December 2009

2. Designation : Shift Operator, 110Kv
Substation, Adimali

Professional Association Activities

Publications details : International Journals / Conferences:	<p>International Journals/conferences</p> <ol style="list-style-type: none">1. A Novel Transformer-less Four Phase Buck Converter with Low Voltage Stress and Automatic Current Sharing”,published in IRJET,vol.4,Issue1,January172. “Bridgeless SEPIC converter”, International conference on energy and environment management, NSS college of engineering, Palakkad, July 20153. Single stage three level AC to DC converter”, International conference on recent advancement and challenges in engineering, Jai Bharath college, Perumbavoor, October 20154. Low voltage energy harvesting AC-DC step up converter”, International conference on energy and environment management, NSS college of engineering, Palakkad, July 20155. PI control of integrated 2 D buck-boost converter”, International conference on recent advancement and challenges in engineering, Jai Bharath college, Perumbavoor, October 2015
	<p>National Journals/Conferences</p> <ol style="list-style-type: none">1. Power Quality Improvement by DVR”, NationalConference on Engineering approach for Sustainable Development, Anna University of Technology, Tiruchirappalli, 27th September 20112. Voltage sag compensation using DVR with Push pull inverter”, National Conference VLSI architecture for image and video processing systems, MET’s school of engineering , Mala.

Workshops:

1. Three days workshops on “Solar PV Systems” Amal Jyothi college of Engg., Kanjirappally, March 2018
2. One day Workshop on “outcome based workshop on NBA accreditation” ICET Mulavoor
1. Four days workshop on " Research Domains inPower electronics and Power systems”, Amal Jyothi college of Engg., Kanjirappally, May 2011
2. STTP on “Recent Trends in Power Systems”,Saintgits cllege, Kottayam, October 2010
3. Tow day Workshop on MATLAB and Simulink, Ilahia college of engg. And Tech., Muvattupuzha, June 2014
4. STTP on “Power electronics for Smartgrids”, AdiSankara Institute of Engineering and Technology, Kaladi,December 2015.

**Events Organized/
Conducted**

1. Department Coordinator "OBSQURA" Technical festival organized by Ilahia college of Engineering and Technology 2017
2. Co-Ordinator MATLAB and Simulink Workshop organized by department of EEE in 2014

Other Responsibilities

1. Class Advisor(2014-2018) Batch
 2. M G University Internal Mark In charge
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