

Ms. NEETHA JOHN
Assistant Professor
Department of
Electrical & Electronics Engineering



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Contact No: 9605113624

Academic Background: **B.Tech** (Electrical and Electronics Engineering), M. G. University, Kerala, 2009
M.E (Power Electronics & Drives), Anna university Chennai , Tamil Nadu, 2013

Areas of interest: Power Systems, Power Electronics

Subject handled: **B.Tech:**
Basics of Electrical Engineering
Introduction To Electrical Engineering
Electromagnetics
Electrical Drives & Control for Automation
DC Machines & Transformers
Switch Gear & Protection
Electrical Power Transmission
Drives And Control
Renewable Energy Systems
Power Generation & Distribution
Power Generation Transmission & Protection
M.Tech:
Analysis of Power Convertors
Solid State DC & AC Drives

Software Proficiency: **MATLAB**

Experience:
(Total Experience)

6 years

Academics: (10 years)

1. July 2010 to May 2011

2. July 2013 to Till date

1. **Lecturer,** Department ofEEE....., SNGCE Kolenchery.

2. **Assistant Professor,** Department ofEEE....., Ilahia College of Engineering & Technology, Mulavoor, Muvattupuzha.

Professional Association Activities

Publications details :

**International Journals
/ Conferences:**

Presented a paper entitled “**Energy Saving Mechanism Using Variable Frequency Drives**” in an **IEEE Sponsored International Conference** On Intelligent Systems & Control (ISCO 2013) held at Karpagam College of Engineering, Coimbatore.

Presented a paper entitled “**Energy Conservation Measures Using Variable Frequency Drives**” in an **IEEE Sponsored International Conference** On Computer Communication and Informatics (ICCCI 2013) held at Sri Shakthi Institute of Engineering and Technology, Coimbatore.

Published a paper entitled “**Energy Saving Mechanism Using Variable Frequency Drives**” in an International Journal of Emerging Technology and Advanced Engineering (ISSN 2250- 2459, ISO 9001:2008 Certified Journal, Volume 3, Issue 3, March 2013)

Published a paper entitled “**A High Voltage Gain Dc-Dc converter Integrated with Coupled Inductor and Diode Capacitor Techniques**” in an International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (ISSN 2321-5526, ISO 3297:2007 Certified Journal, Volume 4, Issue 9, September 2016)

Published a paper entitled “**A Single Switch High gain Coupled Inductor Boost Converter**” in an International Research Journal of Engineering and Technology (ISSN 2395- 0072, ISO 9001:2008 Certified Journal, Volume 4, Issue 2, February 2017)

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1. Three days faculty development program on “**Grid Connected Renewable Energy Systems** ” organised by Department of Electrical and Electronics Engineering, held at Viswa Jyothi College Of Engineering and Technology, Vazhakkulam, June 2015.
 2. Five days faculty development program on “**Emerging Challenges in Power System Management**” held at Sree Narayana Gurukulam College of Engineering, Kadayirippu.
 3. Two days workshop on “**MATLAB and Simulink** ” organized by Department of Electrical and Electronics Engineering, held at Ilahia College of Engineering and Technology, Mulavoor, June 2014

Workshops:

4. Two days faculty development program on “**Signal Processing**” organized by Department of Electronics and Communication Engineering, held at Ilahia College of Engineering and Technology, Mulavoor, January 2015
 5. One day faculty development program on “**Mechatronics**” organized by Department of Mechanical Engineering, held at Ilahia College of Engineering and Technology, Mulavoor, January 2016
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6. Six days faculty development program on “**Advancements In Electrical Machines & Industrial Automation**” organised by Department of Electrical and Electronics Engineering, held at Viswa Jyothi College Of Engineering and Technology, Vazhakkulam, June 2018.

Events Organized/ Conducted

One day Workshop on “ Electrical Engineering Made Through Simple Physical Analogies” by Prof. P V Varkey in accordance with Electrical Department Inauguration on February ,2015

Other Responsibilities

1. Staff Advisor for the EEE batch of 2017-21
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