

ARYA SURESH K S
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Academic Background: B.Tech (Applied Electronics and Instrumentation Engineering), KMCT College of Engineering, Kozhikode, Calicut University, Kerala, 2011.
M.E. (Control and Instrumentation Engineering), National College of Engineering, Tirunelveli, Anna University, Tamil Nadu, 2013.

Areas of interest: Control Systems , Instrumentation, Microcontroller

Subjects handled: Control System Design , Non Linear Control , Micro Electro Mechanical System, Circuit Theory, Robotics
Power System Simulation lab, Electric Circuits lab, Electronics and Devices lab, Digital Control and Instrumentation lab

Software Proficiency: MS Office, MATLAB, PLC, LabVIEW

Experience:

Academics: (1Year)

July 2013 To Till Date **Assistant Professor**, Department of Electrical & Electronics Engineering, National College of Engineering, Tirunelveli.

Other responsibilities:

- Class Advisor

**International Journals/
Conferences**

- Presented a paper entitled "The PFC with Average Current-Mode and Voltage Fuzzy Controller for DC-DC Boost Converter" on "Computing and Communication Technology, "at Immanuel Arasar J J College of Engineering, Marthandam, and Tamil Nadu on May 2012.
 - Presented a paper entitled "Model Predictive Controller for a Full-Bridge DC-DC Converter," on "Emerging Trends in Electrical Engineering," at Maria College of Engineering & Technology, Marthandam, Tamil Nadu on March 2013.
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**National Journals/
Conferences**

- Presented a paper entitled "Smart Routing Mechanism for Green Zig Bee-based Wireless Sensor Networks," on "Advanced VLSI, Image Processing and Communication System," at Einstein College of Engineering, Tirunelveli, Tamil Nadu on April 2012.

**Conferences/Seminars/
Workshops participated**

- ISTE sponsored One day seminar on "Evolutionary Computation," at National College of Engineering, Tirunelveli, Tamil Nadu on March 2012.
 - National level workshop on "Application of Wide Area Measurements in the Smart Grid," at St.Xavier's Catholic College of Engineering, Nagercoil, Tamil Nadu on March 2012.
 - AICTE sponsored One day seminar on "Optimization Techniques in Electrical Systems," at National College of Engineering, Tirunelveli, Tamil Nadu on November 2013.
 - One day National Level Seminar on "Advancements in Digital Information Sources and Services for Education and Research", NCE, July 2012 .
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