

Sampathraja N.
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Department of Electrical & Electronics Engineering
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EDUCATION

POSTGRADUATE (Month/Year)	Applied Electronics 2011 Coimbatore Institute of Technology Anna University
UNDERGRADUATE (Month/Year)	Electrical and Electronics Engineering 2009 Bannari Amman Institute of Technology Anna University

EXPERIENCE

Designation	Assistant Professor,
Name of Institution	PSG College of Technology
Joining Date	5.06.2013
Key Roles and Responsibilities Incharge	Department MIS Coordinator /Department Biometrics Incharge Department General Maintenance Incharge/Tutor B.E. EEE(SW) 2016-2021 Batch

PREVIOUS EXPERIENCE

Designation	Assistant Professor,
Name of Institution	KPR Institute of Engineering and Technology.

COURSES HANDLED

UNDERGRADUATE

Course 1 Microprocessors and Microcontrollers

Course 2 Control Systems

POSTGRADUATE

Course 1 Digital System Design

Course 2 VLSI Design

RESEARCH AREAS

Smart Grid, IOT, Control Theory

PUBLICATIONS

N.SAMPATHRAJA, "Improved Pulse Width Modulation Techniques for Multilevel Inverter", in NATIONAL CONFERENCE ON POWER ELECTRONICS & DRIVES, Pg.No.104 2011, AC Tech. Karaikudi

SEMINARS / CONFERENCES ORGANISED

1. Faculty Development Training Programme on "Power System Protection & Switch Gear" Sponsored by Center for Faculty Development Anna University, Chennai, 23–29 June 2014.
2. National Seminar on "Smart Grid Technology and Applications" October 10-11, 2014.
3. Two Days Seminar on "Embedded Systems and Communication Protocols Used in Automobiles" December 12-13 2014.
4. National Level Workshop Series in "Research Perspective on Solar PV System" March 26-29 2015

SEMINARS / CONFERENCES ATTENDED

1. Five Days Faculty Development Programme on "Signals And Systems" July 15-19 2013 at Anna University, Chennai
2. One Day Research Seminar on "Effective Teaching and Research "on November 23,2013 at PSG College of Technology.
3. One Day Workshop on "Preparation of Technical Reports for PG Laboratories" on October 8 2013 at PSG College of Technology.
4. Two Days National Workshop on "MATLAB Applications to Modeling & Simulation of Power Electronics System" March 28-29 2014 at PSG College of Technology.
5. Two Days Workshop on "Digital Design with VERILOG" April 1-2 2014 at PSG College of Technology.
6. Two Days National Workshop on "Energy Auditing and Conservation Techniques" from 18 - April 19 2014 at PSG College of Technology.
7. One Week Faculty Development Programme on "Computer Control of Industrial Process and Automation" from April 26– May 2 2014 at PSG College of Technology.
8. Two Days Workshop in "Creative Teaching "held on 06th and 20th December 2014 at PSG College of Technology.

MEMBERSHIP OF PROFESSIONAL BODIES

Member of International Association of Engineers (IAENG)