



Department of Electrical and Electronics Engineering

Faculty Activities

Academic Year 2015-16 (ODD)

FDP

1. Dr Kalaiarasi N Professor & HoD, attended a one day Faculty Development Programme on **“Expectation of the Interviewer – Technical & HR”** at Wipro Technologies, Sholinganallur on 23.06.2015.
2. Ms. Catherine T. J., Associate Professor, Ms. Bindu K V., Assistant Professor II., Ms. Nageswari D., Assistant Professor II, Ms. Geetha Mahalakshmi G., Assistant Professor and Ms. Nagarani B., Assistant Professor attended Two Days Faculty Development Program **“Current Issues On Power Quality And Microgrid”** at St. Joseph’s Institute of Technology, Chennai on 29th & 30.10.2015.
3. **Ms. Uma Sankar L.**, Assistant Professor II., **Ms. Bindu K V.**, Assistant Professor II., **Ms. Nageswari D.**, Assistant Professor II., **Mr. Dilavar Basha K.**, Assistant Professor II., **Ms. Geetha Mahalakshmi G.**, Assistant Professor and **Ms. Nagarani D.**, Assistant Professor attended one week Anna University sponsored Faculty Development Program on **“Programming and Data Structures II”** at R.M.K College of Engineering and Technology from 4 to 11.01.2016.

SEMINAR

1. Ms. Catherine T. J., Associate Professor, attended the ISTE sponsored one day seminar on **“Dental Care for Vibrant Teaching”** at RMK College of Engineering and Technology on 25.07.2015
2. Dr Kalaiarasi N Professor & HoD, Ms. Catherine T. J., Associate Professor and Ms. Bindu K V., Assistant Professor II attended the **“Elsevier Connect Seminar”** at Courtyard by Marriott, Chennai on 04.11.2015.

WORKSHOP

1. Dr. Kalaiarasi N., Professor & HoD, and Mr. Prakash J., Associate Professor attended the Indian Engineering Dean’s Council Global Summit on “**Engineering Education– Current Scenario & Future Prospects**” at GRT Grand Convention Centre, Chennai from 31.07.2015 to 01.08.2015.
2. Ms. Catherine T. J., Associate Professor, attended the live authorship workshop titled “**How to Publish a Technical Paper with IEEE**” at IIT Madras on 20.08.2015.
3. Ms. Catherine T. J., Associate Professor, attended the **IEEE Early Career Faculty Development Virtual Workshop on Student Assignment**” on 23.10.2015.
4. Ms. Catherine T. J., Associate Professor, attended the **Author Workshop** jointly organized by **Springer and Anna University**, Chennai on 02.11.2015
5. Ms. Catherine T. J., Associate Professor, attended the IEEE Early Career Faculty Development Virtual Workshop on **Creating a Research Program: A Global Perspective** that was held on **16.12.2015**.
6. **Ms. Nageswari D.**, Assistant Professor II., **Mr.Hariharan N** and **Ms. Geetha Mahalakshmi G.**, Assistant Professor attended IEEE Student Chapter and IET Student Chapter sponsored National Level Workshop Two Days National Workshop on “**Embedded System Technologies**” at R.M.K College of Engineering and Technology from 17 to 18.06.16.
7. **Mr.Hariharan N .**, Assistant Professor attended a meeting with The Princeton Review and Manya Group on “**Equipping Global Learner’s Leadership Summit**” at GRT Grand, Chennai on 25.06.16.

Faculty Journal Publications

Sl. No.	Author	Paper Title	Journal Details
1	Umadevi N	Experimental Analysis of Hybrid Electric Vehicle with BLDC Motor Drive	World Applied Sciences Journal, Vol. 33, Issue: 9, 2015, pp.1545 – 1553.

2	Prakash J	Design of Coordinated Control Scheme for Hybrid Resonant Boost Converter and Multi Level Inverter	Indian Journal of Science and Technology, Vol. 9(11), March 2016.
3	Dr.Kalaiarasi N	Solar Tracking System using Delta PLC	International Journal of Science Technology & Engineering, Volume 2, Issue 11, May 2016.
4	Umasankar L		
5	Hariharan N		
6	Bindu K V	Simulation and PQ Analysis of PWM DC –AC Converter	International Journal of Applied Engineering Research, Vol 10, Issue: 9, 2015, pp. 24135-24146.
7	Bindu K V	Three Winding Coupled Inductor Based Interleaved High Step up Converter	Journal of Advancements in Material Engineering, Vol. 1, Issue 1, May 2016, pp 01-14.
8	Nagarani B		
9	Nageswari D	Implementation of Discontinuous Inductor Current Mode in Cuk Converters Fed Brushless DC Motors	Journal for Research, Vol 01, Issue 11, January 2016, pp 11-18
10	Geetha Mahalakshmi G		

Faculty Conference Details

Sl. No.	Author	Paper Title	Conference Details
1	Dr Kalaiarasi N	A Comparative Study on Various Current Reference Generation Technique with as UDCS Scheme for an Active	National Conference on Recent Trends in Power engineering conducted at IIT Madras, Chennai from 29-30.12.2015

		Power Filter	
2	Catherine T J	Single Switch Voltage Equalizer for Partially Shaded Photovoltaic Modules	International Conference on Futuristic Engineering, Science and Technology, (ICFEST 2016) held by Agni College of Technology, on 6th & 7th May 2016.
3	Catherine T J	A Novel Equalization Technique for Optimal Functioning Of Photovoltaic Modules Under Shaded Conditions	International Conference on Recent Trends in Engineering and Technology (ICRTET-2016) held by St. Josephs Institute of Technology, Chennai, on 28th & 29th April 2016
4	Nagarani B	Power Quality Improvement In PMSG-based Wind – Power Generation System using Space Vector Modulation Technique	National Conference on Recent Trends in Power Electronics and Drives conducted at RMK College of Engineering and Technology, Chennai on 07.03.2016.