



R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY
RSM NAGAR, PUDUVOYAL-601 206



Department of Electrical and Electronics Engineering

Faculty Activities

Academic Year 2013-14

FDP

1. **Faculty Development Program** on “Effective Class Room Teaching” was conducted to all Faculty Members on 22.06.13 at RMK Engineering College.
2. Mr. K. Gunalan & Mr. J.Prakash attended NBA (New Outcome Based Accreditation) Training Program at RMK Nodal Centre, RMK Engineering College on 14.09.13 & 26.09.13 to 28.09.13.
3. Mr. S. Muttu Kumar attended FDP on “Creativity and Innovation” conducted by M/s Cognizant Technology Solutions Ltd, Cognizant Okkiyam Facility, OMR, Chennai on 05.09.13.
4. Dr. N. Kalaiarasi and Mr. N. Hariharan attended two weeks AICTE Sponsored Faculty Development Program on “Role of Power Electronics in Restructuring of Power System and Management” organized by M.A.M College of Engineering, Tiruchirappalli from 04.11.13 to 17.12.13.
5. Mr. L.Umasankar attended Anna University sponsored FDP in “Power System Analysis from 09.12.13 to 16.12.13 conducted by Valliammai Engineering College, Kattankulathur, Chennai.
6. . Ms. G. Geethamahalakshmi, Assistant Professor attended Anna University sponsored FDTP in “Electrical Drives and Control” from 06.06.14 to 13.06.14 conducted by Jaya engineering College, Chennai.

SEMINAR

1. Ms.R.Umadevi attended AICTE Sponsored Two Days Seminar on Modern Trends in Electromagnetic Interference [EMI] and Electromagnetic Compatability [EMC] Industrial Applications at RMK Engineering College on 11.09.13 & 12.09.2013.
2. Ms. T.J Catherine attended CSIR sponsored National Seminar on “Intelligent Controllers Application to Power System ICATPS’13 from 25.10.13 & 26.12.13 in Vel High Tech Engineering College.

3. Mr. N. Hariharan attended AICTE Sponsored Two Days National Seminar on “Recent Trends in Broadband Wireless Technology” on 16.12.13 & 17.12.13 conducted by RMK College of Engineering and Technology.
4. Ms. T.J.Catherine, Ms. Bindu.K.V, Ms. B. Nagarani and Ms. G. Geetha Mahalakshmi attended AICTE Sponsored Two Days National Seminar on “MIMO Wireless Communication and Future Networks on 02.12.13 & 03.12.13 conducted by RMK College of Engineering and Technology.

WORKSHOP

1. Mr. L.Umasankar attended One day workshop on “Neural Network using MATLAB” conducted by University College of Engineering, Panturuti on 09.10.13.
2. Ms. R.Umadevi, Ms. T.J.Catherine, Ms. B. Nagarani and Ms. G. Geetha Mahalakshmi attended One day Workshop on “How to Plan, Write, and Publish Research Papers on Referred Journals” on 07.12.13 conducted by RMK Engineering College.
2. Ms. T.J Catherine., Asst. Professor and Ms. Kavitha R., Assistant. Professor, C. Gopi, Lab Assistant attended One Day Workshop on “Effective usage of Gmail, Groups, Calendar, Google Docs, Forms, Drives and Sites organised by M/s Ganymede Solutions on 30.01.2014 at RMK College and Engineering and Technology.
3. Mr. K.Gunalan., Associate Professor attended Two Days Workshop on “Renewable Energy with Matlab” on 14.03.2014 and 15.03.2014 by GKM College of Engineering and Technology.
4. Mr. N. Hariharan, Assistant Professor organized an One Day Workshop on ISTE sponsored “This too Shall Pass” on 14.06.2014 by RMK College of Engineering and Technology.
5. Dr. N. Kalaiarasi., Professor & Head., Mr. N. Hariharan, Assistant Professor, Ms. Bindu.K.V Assistant Professor and Ms. G. Geethamahalakshmi, Assistant Professor attended ISTE sponsored One Day National Workshop on Voice Disorderless Oral-Aural Transfer Of Information In Classrooms on 23.04.2014 conducted by RMK College of Engineering and Technology.
6. Dr. N. Kalaiarasi, Professor & Head, Ms. R.Umadevi., Associate Professor, Ms. G. Geetha Mahalakshmi., Assistant Professor and Mr. N. Hariharan., Assistant Professor attended One Day Workshop in “This too shall pass” on 14.06.2014 conducted by RMK College of Engineering and Technology.

REFRESHER COURSE

1. Dr.N.Kalaiarasi was the **resource person** for “University Regulations (Old &New)” for the “Two Days Refresher Course on Academic Excellence” on 17.12.13 & 18.12.13 conducted by RMK College of Engineering and Technology.
2. Mr.S.Muthukumar was the **resource person** for Effective Placement Strategies for the “Two Days Refresher Course on Academic Excellence” on 17.12.13 & 18.12.13 conducted by RMK College of Engineering and Technology.
3. Ms. R.Umadevi, Mr. K.Gunalan, Ms. T.J.Catherine, Mr. L.Umasankar, Mr. S.Muthukumar, Ms. K.V.Bindu, Ms. D.Nageswari, Mr. N.Hariharan, Mr. K.Dilavar Basha, Ms. B.Nagarani And Ms. G.Geethamahalakshmi attended “Two Days Refresher Course on Academic Excellence” on 17.12.13 & 18.12.13 conducted by RMK College of Engineering and Technology.
4. Ms. R.Umadevi, Mr. K.Gunalan, Mr. L.Umasankar, Mr. S.Muthukumar, Ms. K.V.Bindu, Mr. N.Hariharan, Mr. K.Dilavar Basha, Ms. B.Nagarani and Ms. G.Geethamahalakshmi attended “Two Days Refresher Course on Academic Excellence” on 16.06.14 & 17.06.14 conducted by RMK College of Engineering and Technology.

RESOURCE PERSON

- 1.Ms. R.Umadevi, Associate Professor was **the resource person** for “Stress Management” for the “Two Days Refresher Course on Academic Excellence” on 16.06.14 & 17.06.14 conducted by RMK College of Engineering and Technology.
2. Mr. K. Gunalan, Associate Professor was **the resource person** for “Interpersonal skills” for the “Two Days Refresher Course on Academic Excellence” on 16.06.14 & 17.06.14 conducted by RMK College of Engineering and Technology.
3. Mr. J. Prakash, Associate Professor was **the resource person** for “Importance of Professional bodies” for the “Two Days Refresher Course on Academic Excellence” on 16.06.14 & 17.06.14 conducted by RMK College of Engineering and Technology.
4. Mr.N.Hariharan, Assistant Professor was the **resource person** for “Exams” for the “Two Days Refresher Course on Academic Excellence” on 16.06.14 & 17.06.14 conducted by RMK College of Engineering and Technology.

Faculty Journal Publications

Sl. No.	Author	Paper Title	Journal Details
1	Dr. N. Kalaiarasi	Identification of Inrush Current and Internal Fault Current of Transformer use Self Organizing Map	International Journal of Applied Information Technology, Volume 72, Issue No: 2, Dec 2013.
2	L.Umasankar		
3	Dr. N. Kalaiarasi	Internal Fault Identification and Classification of Transformer with the Aid of Radial Basics Neural Network	Arabian Journal for Science and Engineering, Volume 39, Issue No: 6, May 2014
4	L.Umasankar		

Faculty Conference Details

Sl. No.	Author	Paper Title	Conference Details
1	Mr. J. Prakash	Modelling of Photovoltaic System and Design of MPPT controller using PSO Algorithm	International Conference on Environment & Energy 2013” held on 16.12.13 and 17.12.13.at The Galadari Hotel, Colombo, Sri Lanka.
2	Catherine T. J	Performance Analysis of A Unified Power Flow Controller with fluctuating Var Demand	International Conference on Power, Control and Embedded systems (ICPCE-2014) , Anna University, February 2014
3	Catherine T. J	Unified power flow controller for Efficient management of Power flow in a five bus system during Switching of a VAR load	International Conference on Electrical, Communication and Computing (ICECC-2014), Tagore Engineering College, Chennai, March 2014, pp 349-354.