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A 3 DAY FDP ON SIMULATION HANDS ON EXPERIENCE IN POWER ELECTRONICS CIRCUITS USING MATLAB, PSIM, PSCAD AND SEQUEL

Department of Electrical and Electronics Engg.
RajaRajeswari College of Engineering
Kumbalagodu, Mysore road,
Bengaluru-560074



**A 3 DAY FDP ON SIMULATION HANDS
ON EXPERIENCE IN POWER
ELECTRONICS CIRCUITS USING
MATLAB, PSIM, PSCAD AND SEQUEL
19th- 21st JAN 2017**

**Organized by
Department of Electrical & Electronics
Engineering**



**RAJARAJESWARI COLLEGE OF
ENGINEERING
(RRCE)**

(Approved by AICTE, , New Delhi
**ACCREDITED BY NAAC , 'A' Grade
and NBA (EEE,ECE,ME,CSE),
ISO 9001:2008)**

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Website: www.rrce.org

ABOUT THE INSTITUTION

Rajarajeswari College of Engineering (RRCE) was established in the year 2006 under the shelter of Moogambigai Charitable and Educational Trust (estd. 1992) with the sole object of **establishing** Institutions of higher education of exemplary stature in the state of Karnataka.

RRCE is approved by AICTE, New Delhi and is affiliated to Visvesvaraya Technological University (VTU), Belgaum, and Karnataka. The Institute offers six UG Engineering courses (Civil, Mechanical, Electrical & Electronics, Electronics & Communication, Computer Science & Engineering and Information Science & Engineering) and five PG courses Viz. M.Tech(Digital Electronics and communication, Thermal Engineering and Computer science & Engineering), MBA & MCA. RRCE has four R&D centers. All the Departments have qualified staff and well equipped laboratories with state of the art equipment. The college has library and information center with very good collection, computer centers and sports facilities along with other amenities. The college is located by the side of Bengaluru - Mysore road and is 18km from Bangalore City Railway Station.

ABOUT THE DEPARTMENT

The Department of Electrical & Electronics Engineering was established in the year 2006. The department is offering UG course in EEE. The department has experienced and well qualified senior Professors and dynamic faculty members. EEE department is highly dynamic in organizing various events like workshops, Technical seminars, expert lectures, FDPs and industrial visits etc for the benefit of staff and students. Department has well equipped laboratories.

OBJECTIVE OF THE FDP

This FDP is designed specially for the faculty members to acquire their skills in using the simulation tools like Matlab, PSCAD, PSIM and SEQUEL for their teaching and PhD programs. It includes theory and Hands- on experience. The resource persons are from the Simulation Centre for Power Electronics and Power System, Indian Institute of Technology (IIT Bombay), Mumbai.

MATLAB: Provides a graphical programming environment for modeling simulating and analyzing multi- domain dynamic systems. Simulink is widely used in automatic control and signal processing.

PSCAD: It is Time domain simulation software for analyzing transients in electrical networks. It provides fast and accurate solutions for a variety of electrical power system transients and control net works.

PSIM: Designed specially for use in Power Electronics and motor drive simulation.

SEQUEL: The SEQUEL circuit simulation program was developed by IIT Bombay and is freely downloadable. It is suitable for teaching purposes in Engineering Colleges in the country. It has a GUI for schematic entry and plotting.

The present FDP is also suitable for Engineers involved in product development.

Date and Venue:

The FDP will be held on 19th, 20th & 21st Jan 2017 at EEE PSS and CAED Labs, RRCE, Bengaluru-560074.

Participants:

Participants can be Academicians, Research Scholars, Scientists, Practicing Engineers from Industries, R & D organizations and post graduate students.

Registration fees:

For Faculties and Research Scholar: Rs. 1000/

Participants from Industries : Rs. 2000/

Last date for Registration: 15.1.2017

Registration fee may be paid by Demand Draft/cheque drawn in favor of **THE PRINCIPAL, RRCE, BANGALORE payable at Bangalore.**

Registration can be done on the same day of FDP.

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19th- 21st JAN 2017

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REGISTRATION FORM

Name :
Designation :
Organization :
Address :
Phone No. : Fax:
E-mail :
Accommodation* required: Yes/No
(* Limited number of accommodation is available in the college hostel to both Ladies & Gents at chargeable basis of Rs 200/ day)

I agree and abide by the rules and regulations of the host institution and shall attend the programme for the entire duration.

Details of the registration fee:

Name and Branch of Bank:

DD/Cheque no: Date: Amount:

Date: Signature of the Participant

Place: Seal and Signature of the Sponsoring Authority