

Five-Day Workshop on Modeling & Simulation of Electrical Power Systems Using ETAP and PSCAD

6th August to 10th August 2018

Registration Form

Name _____

Designation _____

Industry/Research/Faculty _____

Organization _____

Address for Communication _____

Mobile _____

E-mail _____

Gender
Category

M

F

GM

SC

ST

OTHERS

Whether accommodation is required Y N

Registration Fee Details

DD No./Date _____

Amount _____

Name of the Bank/Branch _____

Place _____ Date _____

Applicant's Signature

Signature of the Head of Institution/
Sponsoring Authority
(for sponsored candidates)

(Please feel free to photocopy if more than one participant is registering)

About the Institution:

R.V. College of Engineering (RVCE) established in 1963 is one of the earliest self-financing engineering colleges in the country. The institution is run by Rashtreeya Sikshana Samithi Trust (RSST). RVCE is an Autonomous College. Currently, the institution offers 12 Bachelor, 21 Master Programs and all the departments have research centers, affiliated to Visvesvaraya Technological University (VTU) Belagavi. The institution has set itself a Vision "Leadership in Quality Technical Education, Interdisciplinary Research & Innovation, With a Focus on Sustainable and Inclusive Technology". Recent awards and achievements includes "Engineering College of the Year-2016" by the Higher Education Review Magazine, Certified as 'Global League Institute' by Great Place to Study Research Institute (GPSRI), Ranked 49th in the Country by National Institutional Ranking Framework (NIRF), Ranked 7th among the top 113 Pvt. Engg. Colleges by The Week Magazine, Ranked 9th among the top 10 of 100 Pvt. Engg. Colleges in the Country by Education World Magazine. The institution has been accredited by NAAC. All the UG programs and eligible PG programs have been accredited multiple times by NBA. The College currently has a student strength of about 5600, faculty strength of more than 400, Technical & Administrative Staff of 256 and about 250 Research Scholars are pursuing Ph.D.

About the Workshop:

The Workshop will cover the basic components of power system, modelling of various components, typical parameters, generator exciter and governor modelling, motor and pump modelling, selection of relays, relay curves. The workshop will include hands-on training on load flow, short circuit study, motor starting study and relay coordination using ETAP. Extracting modelling data and parameters from SLD, equipment data sheets and vendor drawings will also be explained. Using SLD, data sheet and other inputs, the participants will be able to model an Electrical system on ETAP and PSCAD. Based on the result given by the software they will be able to interpret and prepare reports and settings. They will be able to take this data as input to plant engineering design or specification.

About the Speaker:

The Workshop is conducted by VKES (Vidyuth Kanti Engineering Services) and RVCE experts having good domain knowledge in Power system modelling and simulation using industry leading software like ETAP and PSCAD. VKES is a Bangalore based Research, Training and Consulting company.

Topics to be covered:

1. Theory of Power System Modelling and parameters.
2. Getting Started with Simulation of a simple SLD in ETAP and PSCAD
3. Application- Carry out Load flow, Short-circuit study, Motor starting study and Relay coordination of a typical industrial power system.

Who Can Register:

Faculty members, Research Scholars, PG/UG students, working professionals.

Registration Fee (inclusive of 18% GST)

Industry and Corporate	- Rs. 5,000/-
Faculty from Teaching Fraternity and Research Scholars	- Rs. 3,000/-
PG and UG Students	- Rs. 2,000/-

Last Date for Registration: 28-07-2018

Demand Draft may be sent in favor of "PRINCIPAL, RVCE" payable at Bengaluru. Registration fee does not include accommodation charges. Accommodation will be provided on request with a nominal fee at RVCE Hostel.

Kindly send the scanned copy of filled registration form via email to srivanisg@rvce.edu.in

Venue:

Room No. EEE113, Department of EEE, RVCE.

For Correspondence:

Dr. Srivani S.G, Associate Professor, Dept. of EEE, RVCE, B'lore-560059 Mob: 9844327829
e-mail: srivanisg@rvce.edu.in

Patrons:

Dr. M.K. Panduranga Setty, President, RSST, Bengaluru.
Sri. A.V.S Murthy, Hon. Secretary, RSST
Sri. D.P. Nagaraj, Hon. Joint Secretary, RSST

Advisory Committee:

Dr. K.N. Subramanya, Principal, RVCE
Dr. R. Jayapal, HOD, EEE Dept., RVCE
Dr. Rudranna Nandihalli, Professor, EEE Dept., RVCE
Dr. Uma Rao, Professor, EEE Dept., RVCE

Co – Ordinators:

Faculty Coordinators:

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Rashtreeya Sikshana Samithi Trust
R V COLLEGE OF ENGINEERING
(Autonomous Institution Affiliated to VTU, Belagavi)
Bengaluru - 560 059, Karnataka



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Modeling & Simulation of Electrical
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Organized by
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Electrical & Electronics Engineering
R.V. College of Engineering
Bengaluru - 560 059

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