

**Two Days Workshop**  
**on**  
**Application of Soft Computing**  
**Techniques for Electrical Research**

**25<sup>th</sup> – 26<sup>th</sup> May 2017**

**REGISTRATION FORM**

Name:

Designation:

Department:

Affiliation / Organization:

Educational Qualification:

Postal Address :

E-mail Id :

Mobile Number:

DD No. & Date:

Name of the Bank:

Signature of the Applicant

Signature of the Organisation Head with seal:

[Photocopy of the registration form may also be used for additional registration]

**ORGANIZING COMMITTEE**

**PATRONS**

**Dr. B. BABU MANOHARAN,**

M.A., M.B.A., Ph.D.,  
Chairman & Managing Director  
St. Joseph's Group of Institutions

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**Dr. S. Hemalatha,** M.E., Ph.D.,

**CO-ORDINATORS**

Dr. A. Ramesh Kumar, M.E., Ph.D.,  
Ms. M. R. Faridha Banu, M.E.,  
Mr. S. Karthick, M.E.,

COLLEGE BUS	ROUTE NO.	TIMINGS
CENTRAL	22	6.15 AM
EGMORE	24	6.20 AM
TAMBARAM GATE	44	6.40 AM
KOYEMBEDU	12	6.10 AM

*For Further Correspondence Contact*  
**Dr. D. Kirubakaran, HoD/EEE**  
**St. Joseph's Institute of Technology,**  
**Chennai-600 119, Tamilnadu.**

Email: [sjiteee@gmail.com](mailto:sjiteee@gmail.com)  
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<http://www.stjosephstechnology.ac.in>



**IEEE**  
MADRAS SECTION

**Two Days Workshop**  
**on**  
**Application of Soft Computing**  
**Techniques for Electrical Research**

*Organized by*

*Department of Electrical & Electronics*  
*Engineering*



*We Make You Shine*

**St. Joseph's Institute of Technology**  
**St. Joseph's Group of Institutions**  
OMR, Chennai - 119

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## About the College

St. Joseph's Institute of Technology, founded by the St. Joseph group of Institutions, started in 2011, is a Christian Minority Institution with six UG streams CSE,EEE,ECE, IT, MECHANICAL and CIVIL. The college has enormous laboratories, workshops and classrooms with all the latest technical facilities. The students are provided with an extra-ordinary academic ambience by virtue of versatile faculty.

Our college, as one of the leading engineering colleges, focuses on inculcating not only knowledge but also noble ethics to the budding engineers of future India. This is essentially the crux of St. Joseph's Institute of Technology.

## About the Department

The Department of Electrical and Electronics Engineering is one of the first few disciplines that were started since the inception of college in August 2011. The Department has well qualified faculties specialized in various disciplines of Electrical and Electronics with vast teaching experience.

The Department has wide publications in indexed international journals and conferences who are guiding research scholars in various fields. It has well established and well-equipped laboratories for Electrical Machines, Power Electronics, Control and Instrumentation, Power System Simulation, Measurements and Instrumentation. In addition, the department IEEE Student branch is very active with

210 student memberships and 02 professional memberships.

## About the Program

In the pursuit of knowledge in the field of research in Electrical and Electronics Engineering, many experiments are carried out day by day. A systematic, well planned and a scientific approach towards the executing a set of experiments, collection of appropriate data and analysis thereof are now prerequisites for very speedy and effective knowledge acquisition.

The main objective of the program is nothing but to provide excellent opportunities for the faculty members, Research scholars and the PG students to have an insight about simulation tools in Electrical Engineering. Further this program will be a suitable aid for the faculty members to strengthen their technological base by introducing their research culture and promoting creative adaption, innovation as well as utilization through interaction between institutes of learning.

MATLAB (short for MATrix Laboratory) is a special purpose computer program optimized to perform engineering and scientific calculations. It started life as a program designed to perform matrix mathematics, but over years it has grown into a flexible computing system capable of solving any technical problem. The MATLAB provides an extensive library of predefined functions to make technical programming tasks much easier and highly efficient than other languages.

## Course Content

- Introduction to MATLAB
- Application of MATLAB to Power Systems and Power Electronics
- Numerical methods and analysis

## Resource Persons

- Mr.S.Selva Kumar  
Power System Engineer,  
ABB Pvt. Ltd,Chennai.
- Mr.G.Udhaya Kumar  
R & D Manager,  
OZONETEK Ltd,Chennai.

## Eligibility

Faculty from Engineering Colleges and Polytechnics, PG students.

## Registration fees

Demand Draft for Rs.250/- drawn in favour of St. Joseph's Institute of Technology payable at Chennai from any nationalized bank.

## Scheduled Dates

- Submission of Application : **18.05.2017**
- Intimation of Selection : **20.05.2017**
- Confirmation by Participants: **22.05.2017**