

**A TWO DAY WORKSHOP ON
“IMPLEMENTATION OF SOFT COMPUTING
TECHNIQUES”**

24th - 25th January, 2019

REGISTRATION FORM

**Department of Electrical and Electronics Engineering
National Engineering College, K.R.Nagar, Kovilpatti**

Name :
Designation :
Organization :
Contact Address :

E-mail :
Tel. / Mobile No :
IEEE Member : Yes /No
Reg. Fee :
D.D. No. :
Date :
Name of the Bank :
Accommodation : Yes/No

Date: **Signature of the Applicant**

FORWARDING CERTIFICATE

Mr./Mrs./Dr.....
working as
in.....department is permitted to attend two days workshop
organized by EEE department of National Engineering College,
Kovilpatti during 24th - 25th January, 2019.
Date :
Station :

Signature of Head of the Institution

ORGANIZING COMMITTEE

Patron Thiru.K.R.Arunachalam
Member, Managing
Committee

Co-Patron Dr.Kn.K.S.K.Chockalingam
Director

Chairman Dr.S.Shanmugavel
Principal

Convener Dr.M.Willjuice Iruthayarajan
Professor & Head /EEE
Department

Coordinator Dr. L. Kalaivani, Professor/EEE

Co-Coordinator Dr. R. V. Maheswari, Professor /EEE
Mr.M.Gengaraj, AP/EEE

ADDRESS FOR CORRESPONDENCE

Dr. L. Kalaivani
Coordinator, ISCT ‘19
Professor
Department of Electrical and Electronics
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National Engineering College, K.R.Nagar
Kovilpatti – 628 503
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Visit us at: www.nec.edu.in



**NATIONAL ENGINEERING COLLEGE
&
IEEE CIS MADRAS CHAPTER
TECHNICALLY SPONSORED**

**A TWO DAY WORKSHOP ON
“IMPLEMENTATION OF SOFT COMPUTING
TECHNIQUES”**

ISCT ‘19

24th - 25th January, 2019



**Organized by
Department of Electrical and Electronics
Engineering
National Engineering College
(An Autonomous Institution)
K.R.Nagar, Kovilpatti – 628 503
Tamilnadu
Tel: 04632-222502, 230227**

ABOUT US

National Engineering College, an autonomous institution affiliated to Anna University, Chennai is one among the first batch of self financing institutions started in the year 1984. Our institution is accredited by NAAC and Institution of Engineers, India. Our college is offering 7 Accredited UG programmes and 9 PG programmes in Engineering and Technology. The college is located on National Highway NH-7 and is about 100 KM from Madurai and 4 KM from Kovilpatti on Madurai – Tirunelveli - Kanyakumari National Highways. Kovilpatti is well connected by Rail and Road. Apart from imparting knowledge through the dedicated team of experienced faculty, the college inculcates good ethics in the student community. The college organizes many workshops, seminars and conferences every year in the field of Engineering and Technology to achieve academic excellence through knowledge sharing.

The Department of Electrical and Electronics Engineering was started in the year 1994-1995 and has started the unique PG course ME-High Voltage Engineering by the year 2005. Our BE (EEE) programme is accredited by NBA, New Delhi under tier 1 category. Our department is a recognized research centre to inculcate the Research and Development activities to the society. Moreover, our department has obtained funded projects from DRDO, DST, UGC, IE (I) and AICTE.

OBJECTIVE

Electrical and Electronics Engineering Department organizes a two day workshop on **“IMPLEMENTATION OF SOFT COMPUTING TECHNIQUES”** - ISCT ‘19 during 24th - 25th January, 2019. This workshop aims to share the knowledge about the soft computing techniques applied in the field of Power System, Electrical Machines, Control systems and High Voltage Engineering. It also provides a common platform to share academic and industrial experiences and offer solutions to research and industrial problems.

TOPICS

The scope of the workshop is wide to address all major aspects of Soft Computing Implementation Techniques using MATLAB to various Electrical Engineering applications. Topics to be covered are

- Introduction to MATLAB Programming
- Introduction and implementation of soft computing techniques using MATLAB toolboxes like Fuzzy Logic, Neural Network, Genetic Algorithm and ANFIS.
- Implementation of Particle Swarm Optimization with MATLAB coding.
- Case Studies: PID Controller Tuning for SISO and MIMO systems, Economic Dispatch Problem, Speed Control of Drives, Pattern Recognition on Partial Discharges, etc.

RESOURCE PERSONS

Experienced Faculty Members of National Engineering College

ELIGIBILITY

- Faculty/Research Scholars/PG Students from AICTE approved Engineering Colleges
- Personnel from R&D organization and Industry are also eligible to attend the programme

REGISTRATION FEE

U.G./P.G. Students, Research scholars, Faculty members and Industry participants : Rs.500/-

The payments are to be made in favor of **“The Principal, National Engineering College”** by a demand draft payable at Kovilpatti.

BOARDING AND LODGING

Hostel accommodation and food will be provided to all the outstation participants on requisition basis

TA/DA

- No TA/DA will be paid.

IMPORTANT DATES

Last date for receipt of filled in applications : 16.01.2019

Date of intimation regarding selection through Mail : 19.01.2019