

### ABOUT THE HOST INSTITUTION

The Mahendra Educational Trust was inaugurated in the year 1978 by **Shri.M.G.Bharath Kumar**, eminent educationalist with the aim of providing quality higher education on par with international standards. The Trust lays stress on providing quality education and maintaining high degree of indoctrination. To meet the demands of the people of Tiruchengode, Namakkal and Salem, the Trust broadened its educational service and started Schools and Colleges in those areas. The highly motivated youngsters on the campus are a constant source of pride.

### ABOUT THE DEPARTMENT

The Department of EEE was established in 1999. It has proficient and devoted faculty members to cater to the academic activities. The department along with its highly skilled faculty members started functioning right from the debut and engages actively in teaching and research in all current areas of Electrical and Electronics Engineering. The department is well equipped with laboratories with the state-of-the-art facilities to meet the curriculum requirement in making the student industry-ready. The students acquire their knowledge through the societies like ISTE, IEEE.

### ABOUT THE PROGRAM

This Faculty Development Program is intended to create awareness among the faculty in All discipline of Engineering Departments towards teaching and upgrading their knowledge in the field of Computational Intelligence using Matlab . The fundamental concepts of Neural Networks and Fuzzy Logic will be exposed with effective lectures and live demonstration. The course also includes hands on training, which will enable the participants to get a practical exposure of the theoretical concepts. Participants also will be effectively trained with tutorials, assignments ,laboratory practices.

### SCOPE

The Programme will cover the topics of the subject  
**“Control by Computational Intelligence using Matlab Programming”**

#### Topics Covered

**FN:** Introduction to Artificial Neural Network  
Artificial Neural Network

Hands-on training

**AN:** Fuzzy logic

Hands-on training

### EXPERTS

**Dr.N.Kumarappan**, Chair, IEEE CIS Madras Chapter, IEEE Madras Section, Chennai

**Prof.R.Arulraj M.E.,(Ph.D)**, Professor, Annamalai University, Chidambaram

### ELIGIBILITY

Participants should be a faculty from Engineering Department in any university or AICTE approved institutions.

### SELECTION CRITERION

The total number of participants is limited to 50. The selection of participants will be based on first come and first serve basis. Priority will be given to Research Scholars and young faculties.

### CERTIFICATES FOR PARTICIPANTS

Participation certificates will be issued to the participants, who attend the program for the entire duration by the **IEEE Computational Intelligence Society, USA**

### One Day Workshop

ON

**“Control by Computational Intelligence using Matlab Programming”**

Sponsored by



07<sup>th</sup> Feb 2015

Co-Ordinator

*Dr.P.Suresh Kumar Professor / EEE*

Organized by



DEPT. OF ELECTRICAL AND ELECTRONICS ENGINEERING  
MAHENDRA ENGINEERING COLLEGE(AUTONOMOUS),  
MAHENDRAPURI, MALLASAMUDRAM,  
NAMAKKAL DIST-637 503.

Phone : 04288 238666 / 777 / Eten:566

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**DEPARTMENT OF EEE**  
**MAHENDRA ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
**FACULTY DEVELOPMENT TRAINING**  
**PROGRAMME ON**  
**“Control by Computational Intelligence**  
**using Matlab Programming”**  
*Sponsored by*  
**IEEE COMPUTATIONAL INTELLIGENCE**  
**SOCIETY**  
**07<sup>th</sup> FEB 2015**  
**REGISTRATION FORM**

Name (in Block Letters) :  
 Date of Birth & Age :  
 Sex :  
 Qualification :  
 Experience :  
 Designation & Dept. :  
 Organization :  
 Address for :  
 Communication :  
 Office No :  
 Mobile No :  
 Email ID :  
 Accommodation : Yes / No

**DECLARATION**

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If, selected, I shall attend the course for the entire duration.

Place :  
 Date :  
 Signature of the Candidate

Signature of the Head of Institution  
 (with seal)

**SPONSORSHIP**

Dr./Mr./Mrs..... is an employee of our Institution/ Organization and is hereby sponsored to participate in the seven day Faculty Development Training Program on control by Computational Intelligence using Matlab Programming on 07<sup>th</sup> Feb 2015 at Mahendra Engineering College(Autonomous), Mahendirapuri, Mallasamudiram, Namakkal 637 503.

Place:

Date:

Signature of the Head of Institution  
 (with seal)

**REGISTRATION DETAILS**

Registration fee is Rs. 400/- for IEEE members  
 Rs. 500/- for non-IEEE members.

The fee should be paid by Demand Draft, drawn in favor of “IEEE Madras Section”, payable at chennai.. Selected participants will be intimated through e-mail. Confirmation of participants is to be made by sending reply e-mail. No TA/DA will be paid. Free accommodation will be provided in the college hostel for outstation participants only. Course material and Registration kit will be provided during the program for the participants. If selected, the participant should attend the program for the entire duration.

The duly filled registration form is to be sent to:

**Dr.P.Suresh Kumar M.E., Ph.D.,**  
**Department of EEE**  
**MAHENDRA ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
 MAHENDRAPURI, MALLASAMUDRAM,  
 NAMAKKAL DIST-637 503  
 Contact Nos : +91 9942055263 /  
 +91 8056684375  
 Email : [hodeee@mahendra.info](mailto:hodeee@mahendra.info),  
[sureshkumar@mahendra.info](mailto:sureshkumar@mahendra.info)

**ORGANIZING COMMITTEE**

**CHIEF PATRON:**

**Shri. M.G.BHARATH KUMAR**

Chairman, Mahendra Educational Trust

**PATRON:**

**Er.Ba.MAHENDIRAN**

**Er.B.MAHA AJAY PRASATH**

Managing Directors, Mahendra Educational Trust

**CHAIR:**

**Dr.M.MADHESWARAN**

Principal, Mahendra engineering

college(Autonomous)

Namakkal – 637 503.

**CO - CHAIR:**

**Dr.S.UMAMAHESWARI**

HOD / EEE, Mahendra Engineering College

Namakkal – 637 503

**CO-ORDINATOR**

**Dr.P.SURESH KUMAR**

Prof. / EEE, Mahendra Engineering College

**Venue :**

Thiruvalluvar Arangam  
 Department of Electrical and Electronics  
 Engineering  
 Mahendra Engineering College(Autonomous),  
 Namakkal – 637 503

**IMPORTANT DATES:**

**Submission of Application :04.02.2015**  
**Intimation of selection :05.02.2015**  
**Confirmation by Participation :06.02.2015**

