

Workshop on "PROGRAMMING OF ARDUINO USING  
LabVIEW"

**01<sup>st</sup> and 02<sup>nd</sup> MARCH, 2018**

**Application Form**

Name (Block Letters) : \_\_\_\_\_

Department : \_\_\_\_\_

Semester/Year : \_\_\_\_\_

Institution : \_\_\_\_\_

Address for Correspondence:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone : \_\_\_\_\_

E-mail : \_\_\_\_\_

**Fee Details:**

Registration Fee : Rs. 500/-

Accommodation Fee : Rs. 250/- per day

(Includes Boarding and Lodging)

**Accommodation Required: Yes/No**

**Details of D.D:**

D.D Amount (Rs): \_\_\_\_\_ D.D No.: \_\_\_\_\_

Date: \_\_\_\_\_ Bank: \_\_\_\_\_

**Declaration:**

The above mentioned information is true to the best of my knowledge. I agree to abide by the rules and regulations of MCET. If selected, I shall attend the entire duration of the training programme.

Signature

Place : \_\_\_\_\_

Date : \_\_\_\_\_

**Organizing Committee**

**Chief Patron** : Dr.M.MANICKAM,  
Chairman, MCET

**Patron** : Mr.M.HARI HARA SUDHAN,  
Correspondent, MCET

**Chairman** : Dr. C. RAMASAMY,  
Secretary,  
NIA Educational Institutions

**Co-Chairman** : Dr. A. RATHINAVELU,  
Principal, MCET

**Conveners** : Dr. K.VIJAYAKUMAR,  
HoD/EIE, MCET

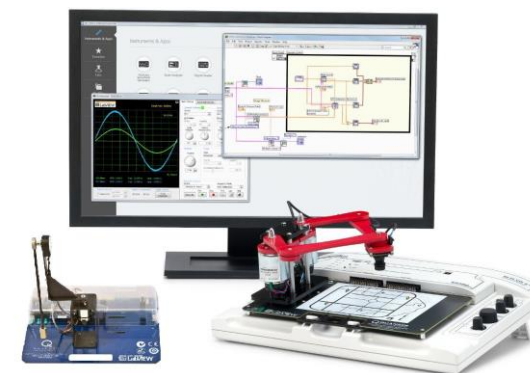
**Coordinators** : Mr. L. JAYARAMAN,  
AP/EIE, MCET  
: Mr. M.Ganeshan,  
AP/Mechatronics, MCET

**Organizing Members** : Mr.P.KATHIRVEL,  
AP/EIE, MCET  
: Mr.U.RAJKANNA  
AP/EIE, MCET  
: Mr.T.KARTHICKUMAR  
AP/EIE, MCET

**ISOI Sponsored**

**TWO DAY WORKSHOP ON  
"PROGRAMMING OF ARDUINO USING  
LabVIEW"**

**01<sup>st</sup> and 02<sup>nd</sup> MARCH, 2018**



**Organized by**

**Department of Electronics and Instrumentation  
Dr.Mahalingam College of Engineering and  
Technology**

(An Autonomous Institution)

Pollachi-642003

www.mcet.in

### About the Institution

Dr.Mahalingam College of Engineering and Technology (MCET) was established in the year 1998 with a mission to impart high quality competency based education in Engineering and Technology to the younger generation to equip them with the required skills and abilities to face the challenging needs of the industry around the globe. MCET is an Autonomous; Self-financing, Coeducational Engineering College and it is approved by the All India Council for Technical Education (AICTE), New Delhi and affiliated to Anna University, Chennai. The Institute has been accredited by the National Board of Accreditation NBA and NAAC with 'A' grade and is ISO 9001:2008 certified by TUV. The MCET currently offers 10 UG, 6 PG and 5 Doctoral programs in Engineering and Technology.

### About the Department

The Department of **Electronics and Instrumentation Engineering** started in the year 2011, is aiming to produce quality engineers with the knowledge of the latest trends and developments in Industrial Automation. The department is accredited NBA provides a platform for the learners to equip themselves with the knowledge transferred from the faculty expertise, state-of-the-art laboratory facilities and software. To meet the industrial requirements of future engineers, students are enriched with industry driven curriculum, Extra credit courses conducted by industry experts and value added programmes such as PCB Design, PLC, DCS & HMI, LabVIEW, MATLAB, Embedded systems, and Smart Sensors are offered.

### About the Workshop

LabVIEW offers a graphical programming approach that helps you visualize every aspect of your application, including hardware configuration, measurement data, and debugging. This visualization makes it simple to integrate measurement hardware from any vendor, represent complex logic on the diagram, develop data analysis algorithms, and design custom engineering user interfaces. Hence, Lab VIEW programming requirement steadily increasing.

The two day workshop focus on the following

- Understand Data flow Programming principles.
- Designing simple Virtual instruments using structures.
- Implementing design patterns for practical problems.
- Working with LabVIEW projects.
- Interfacing the LabVIEW with Arduino
- CLAD preparation tips.

### Resource Persons

Sessions will be handled by National Instruments CLAD certified professionals.

### Eligibility

UG/PG Students, Research Scholars and Academicians from Engineering Colleges

### Application Procedure

The registration fee of Rs. 500/- is to be paid by DD in favour of “ Instrument Society of India, Student Chapter, Dr.MCET ”, payable at Pollachi.

Last date for receiving application: 26.02.2018

### Mailing Address:

#### The Head of the Department,

Department of EIE,

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Udumalai Road,

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