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Patron: Dr. A. Raji Reddy.  
Director, CMRTC

Organizing Secretary: Prof. G.Srikanth.  
HoD ECE

Convenors: Dr. G R Sinha  
Professor, ECE

Faculty Coordinators: Ms. B. Karuna Sree  
Associate Professor, ECE  
Mr. T. Narendra Kumar  
Assistant Professor, ECE

Organizing Committee:

Ms. V. Aswini, Assistant Professor, ECE  
Ms. M. Sravanthi, Assistant Professor, ECE  
Ms Sk. Dilshad, Assistant Professor, ECE  
Mr.Y.Prem Kumar, Assistant Professor, ECE  
Mrs. B. Anitha, Assistant Professor, ECE  
Mr.P.A. Irfan Khan, Assistant Professor, ECE  
Ms.S.Keerthi, Assistant Professor, ECE  
Mr.M.Mahesh Babu, Assistant Professor, ECE  
Mrs.T.Harika, Assistant Professor, ECE  
Ms.N.Renuka, Assistant Professor, ECE

### RESOURCE PERSON

Dr. GVV Sharma  
Professor, EE Department,  
IIT Hyderabad.

Mr. Hanumanth Goud  
(Technical Coordinator)

## CMR TECHNICAL CAMPUS

(Accredited by NBA, Permanently Affiliated to JNTUH  
& Approved by AICTE)  
Kandlakoya (V), Medchal (M), Hyderabad - 501401



### One Day Faculty Development Programme (FDP) ON Digital Design through Arduino

Under IETE Student Forum (ISF)

(For the Faculty of ECE/CSE/EEE/IT)



(3<sup>rd</sup> MAY 2017)

Organized By  
Department of  
ELECTRONICS & COMMUNICATION  
ENGINEERING



### REGISTRATION FORM

One Day FDP on Digital Design through Arduino

3<sup>rd</sup> MAY 2017

1. Name:.....
2. Gender (M/F):.....
3. Qualifications:.....
4. Teaching Experience: .....
5. a) Designation : .....
- b) Department: .....
6. a) Institution: .....
- b) Affiliating University: .....
8. Address for Communication:  
.....  
.....  
.....
9. Phones No's:  
(O).....(R).....  
E - Mail ID: .....
10. Registration Fee

Amount

DD No.

Date

Name of Bank

Date:  
Name:

Signature

## ABOUT THE COLLEGE

CMR Technical Campus has been structured to take a quantum leap on the changing trends of technology. The Campus is accredited by NBA in the year 2014. The need of setting up the college emerged when no other college could fulfil to the aspirations of a student in his/her endeavour to acquire wholesome education. The very strength of CMR Technical Campus lies in its principles of providing the right learning environment for the student who does not have to compromise throughout the learning process of becoming global citizen. Over the years since it has been established, there has been dynamic progress at CMRTC in all academic and research activities, and a spectacular improvement in facilities and infrastructure, to keep it on par with the best institutions in India. The campus epitomizes the Technical Campus motto, "Learning and exploring" in providing the best of infrastructure and ambience. CMR Technical Campus keeps abreast of the global situation.

## ABOUT THE DEPARTMENT

The Department of Electronics & Communication Engineering (ECE) established in year 2010 with an intake of 60 students, present intake of 180. Right from its inception it is continuously striving to impart quality education and promoting competitive spirit among the student for academic excellence. Department started M.Tech in Embedded Systems from Academic year 2012-13 with intake of 24.

Different centers of the department, periodically Organizing Seminar, Guest Lecture, Workshop by IIT Professor and Industry Expert, FDP and conferences.

## THE SCOPE OF FDP

This FDP is a simple introduction to hardware, software, Boolean logic and digital design. Arduino is an open source, computer hardware and software community that designs and manufactures microcontroller kits for building digital devices and interactive.

The Arduino microcontroller board is used as a platform for conducting the FDP. The boards are equipped with sets of digital and analog input/output (I/O) pins that may be interfaced to various expansion boards and other circuits

### Resource Person:

Dr. G V V Sharma is currently working as an Assistant professor in the Department of Electrical Engineering, Indian Institute of Technology Hyderabad and he received PhD in Electrical Engineering from Indian Institute of Technology, Bombay and M.Sc (Engg.) from Indian Institute of Science, Bangalore and B.Tech from Indian Institute of Technology, Guwahati. Before joining IIT Hyderabad as a faculty, he was employed in the software industry as wireless technologist

### Expected Outcome:

- Design of combinational logic and flip-flops; implement the ripple decade counter using the Arduino.
- Implementation of decade counters using the logic for counting decoder in the Arduino software.
- Draw the state transition diagram for a 3-bit sequence detector that detects 111.

## REGISTRATION FEE:

**Delegates from Academic and Research Persons** : Rs. 200/-  
**For CMRGI&MRGI** : Rs. 200/-

## PAYMENT MODE:

**Participants are requested to register by paying an amount by demand draft drawn in the favour of "The Director, CMR Technical Campus –Hyderabad.**

## ONLINE NEFT PAYMENT:

**ICICI Bank,**

**In the name of: CMR Technical Campus, Educational Society,**

**Account No: 631205029057,**

**IFSC Code: ICICI0006312,**

**Branch: Medchal, City: Hyderabad.**

## IMPORTANT DATES:

**Last date of Submission** : 1<sup>st</sup> May 2017.  
**Last date for online payment** : 2<sup>nd</sup> May 2017.  
**FDP Date** : 3<sup>rd</sup> May 2017.

**Note: Maximum no. of participants 50 and No Spot Registrations.**

**Contact: Mr. T. Narendra Kumar**

**Mobile No: +91 9160126526**

**Email: tanneru.narendra903@gmail.com**

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# Gallery

