

# AADHRITA 2020

## MVGR COLLEGE OF ENGINEERING (A)

### EMBEDDED PROGRAMMING

Enhance..... Execute..... Employ .....

#### Event Description:

It is a technical event in which the knowledge in electronics will be tested with a series of designing and implementing tasks in given microcontroller.

As a participant one should be given a problem statement and is asked to program a given microcontroller and implement it in a most efficient way possible.

It totally comprises of 3 rounds:

**ROUND 1:** In this round, a set of multiple choice questions will be given to a team. The questions will be based on logical reasoning and basics of digital electronics and 8051, AVR microcontroller.

The shortlisted teams will proceed to next round.

**ROUND 2:** In this round, the errors are needed to be found out in given code and in the connection (Previously compiled in the computer) by the participants.

**ROUND 3:** The filtered teams from the second round will be given with a problem statement and the teams should come up with a feasible solution and program along with connections should be done in the computer.

#### RULES:

- 1) A team should be Maximum of 2 members.
- 2) Decision of judge and coordinator is final.
- 3) Any kind of malpractices will lead the team out from the event.

Departments Eligible for participation:

- o Electrical and Electronics [EEE]
- o Electronics and Communication [ECE]
- o Computer Science [CSE]

# **AADHRITA 2020**

## **MVGR COLLEGE OF ENGINEERING (A)**



Place of conduct – MVGR College EEE Department, EEE SIMLAB

### **KNOWLEDGE REQUIRED: (SOFTWARES)**

1. KEIL
2. AVR STUDIO
3. PROTEUS 8

### **KNOWLEDGE REQUIRED: (THEORY)**

- Digital Electronics
- Basics of microcontrollers

### **Time Scheduled for event:**

Dated on 21-02-2020

Round 1: 10 min

Round 2: 10 min

Round 3: 20 min

Registration fee: Rs 200 per team

### **Prize :**

**Win exciting prizes and E-certificates will be given for all the participants.**

# **AADHRITA 2020**

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Contact details:

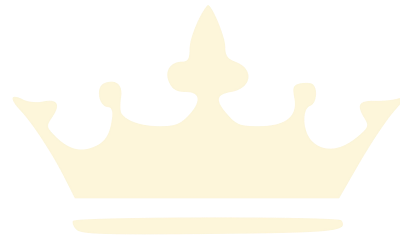
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