EMBEDDED PROGRAMMING

Enhance….. Execute…… Employ ……

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, 8052, 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 connected in 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]

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

Prize money

1st prize: 4,500/-

2nd prize: 2,500/-

E-certificates will be provided for the participants after the completion of Event.

Contact details:

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