

Embed-o-Coder

Introduction: -

They Are Everywhere!!!!!!!

Cell phones, digital cameras, battery chargers, digital thermostats, traffic light controllers, digital watches, washers and dryers, ovens, fax machines, printers, televisions, mp3 players, iPod, cruise control, anti-lock brakes, air bag control, fuel injection control, flight attitude control, dish washers, answering machines, digital recorders, elevator control, surveillance systems, robots, voice recognizers, thumb readers, avionics systems, radar systems, navigation devices, camcorders, data loggers, oscilloscopes, signal generators, imaging systems, patient monitoring systems.....

Yes!!!! My dear friends I am talking about embedded systems. Today one cannot imagine their life without them. So, we present to you EMBEDD-O-CODER, an event specially designed for the embedded system lovers

Event Specification: -

Team size : 2

Prelims :

- ❖ This is a paper based objective test which will test your knowledge of IC, basic programming skill, microcontroller etc. within a stipulated time (to be mentioned at the time of competition).

Finals :

- Write programs for microcontroller in any language for given set of task, compile and run it on development board (to be provided at the time of competition).
- During final each problem statement will pop up after every 10 minutes, and a total of 6 questions will be asked. Once a Question is popped up, you can either write a program and compile it as fast as possible or wait for next Question to be popped.

- Best compile time of every team will be recorded for final judgment and score calculation. Later we will program your code in development board to run it. For each successful run 50 points will be given.
- Top three to complete the task within a stipulated time (to be mentioned at the time of competition) will be declared winners.

General Rules: -

- Both the rounds will be time based.
- Participants can use any Programming Language and IDE.
- Participants are not allowed to use internet from any source while competition is going on.
- System will be provided by us with software WinAvr2010 and RHINO programmer preinstalled.
- However you can bring your software with you but inform the organizers at least one hour before the start of the event so that software could be installed on the system.

Contacts: -

Event Co -coordinator :-

Kumar Prince , Mob: - 082715 40085

Nitesh Kumar Choudhary Mob:- 9006847351