



**TECH FIESTA**  
2019



## Microprocessor and Microcontroller Coding

**Event Focus :** Tens of devices that we encounter in our day to day life have microprocessors or microcontrollers in them. This event mainly emphasises on the experience the participants will gain about the various microprocessor and microcontroller chips which are used extensively nowadays.

### **Event Rules :**

The rules are as follows :

- Only individual participation is allowed.
- All participants must bring their original college IDs, or else they cannot participate.
- All the candidates will be allowed to participate only if they have completed the registration process.
- The registration token is mandatory alongside the original college ID card (as stated above).
- Any sorts of electronic gadgets or notes which will give unfair advantage is not allowed.
- If any candidate is found resorting to unfair means shall be immediately disqualified.
- The decision of the Event Head/ Co-ordinator shall be final and binding.

### **Event Synopsis :**

The event is to be conducted for two days and will contain the following three rounds :

Round 1: This is an objective round, consisting of 50 multiple choice questions. The duration is one hour. The cut off will be set on the number of participants and the selection will be made on the basis of the scores attained.

Round 2: This is based on microprocessor coding (both 8085 and 8086). There is no time limit though but the selection will be made as to how fast someone is able to execute both the given problems.

Round 3: This round will be based on microcontroller coding (8051). Like round 2, there is also no time limit and final selections will be made likewise.

**EVENT HEADS: KALLOL GHOSH (7063203262) SAURAV PANDA (7980503692)**

