



IOT-FI: IoT for Innovation

Description:

IOT-FI is an event for aspiring engineers who want to get the taste of both coding and design solution under real-time circumstances. The event will be a two-segment event where your Electronics & Coding Skills will be tested in the first while your Design & Development Skills will put to test against the ticking clock to fetch the first prize.

Event Segments:

Round	Description	Duration	Date & Time	Venue
Prelims	Qualifying round through written MCQ test. Top 10 Teams Will Qualify to the Finals (Tentative).	1 Hour (Single Slot)	5 th March '20 Time - TBA	KGEC Room – TBA
Finals	Project Implementation round on IoT	3 Hours (Single Slot)	7 th March '20 Time – TBA	KGEC Room - TBA

General Rules:

1st Round - PRELIMS

1. In 1st round, each team has to participate in a written MCQ test (time duration will be announced soon) on IoT.
2. Top 10 or 5 teams, scoring good marks in 1st round, (depending on the total number of participating teams) will be qualified for the 2nd round.

2nd Round - FINALS

1. In 2nd round, all teams will be notified the common theme of the project on IoT for 2nd round.
2. Each team will be notified to complete their work within 3 hours.
3. A specific budget of total money (hypothetical) will be announced and cost (hypothetical) of necessary relevant components to build an IoT project.
4. Each team has to complete its work within this stipulated budget.
5. Each team is notified to show, at least, their theoretical paperwork (i.e. circuit design, source code)
6. Teams who wants to demonstrate and practically simulate their projects are allowed. (They will have to bring their own kits then)

Rules Regarding Teams:

1. The maximum strength of each participating team must be 2.
2. Individual participation is appreciably allowed.
3. Each team must bring at least one laptop and other things regarding making the project completion (All relevant kits e.g. Extension cord etc. will be provided).
4. Can use Internet Facility & Libraries for Design Implementation.

Participation Fee:

- For students of KGEC, this event is absolutely free.
- External students need to pay a participation fee of Rs. 100 for each team (pay on spot, cash).

Rewards & Prize Money:

- Each participant will receive **Participation Certificate** from DC-KGEC and/or Techtix-Espektro.
- Winner gets Cash Rewards **worth INR 1500/-** and a custom-built PCB for IoT.
- First Runners Up gets Cash Rewards **worth INR 1000/-**.
- Second Runners Up gets Cash Rewards **worth INR 500/-**.
- Additional Goodies and Special Rewards might be distributed.

Terms and Conditions:

1. DC-KGEC reserves right to manage, select and allow the state of participation of any candidate or team.
2. Internet facility will be provided from our end, but participants can use their own internet facility.
3. If any team or candidate is found doing any malpractice, DC-KGEC reserves right to disqualify the team at that very instant.
4. This event is hosted by DC-KGEC and DC-KGEC reserves the right to modify the rules and regulations and take charge of the organization of the entire event.

Point of Contact:

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