

Circuit Designing

Participation and Eligibility

- All respective candidates must be enrolled in any recognized university/institute of Pakistan irrespective of their discipline.
- Team members from different discipline/institutes are allowed.
- Volunteers or organizers are not allowed to enter this competition under any circumstances.
- Replacement of any participant of a team is not allowed after registration.

Registration Procedure

All interested students must go through the following steps in order to register for the Circuit Designing in SENTEC 2016:

- Fill in the online registration forms from SENTEC website with your given details while making sure no required fields are left blank.
<http://goo.gl/forms/HxRkeYM1o598prsU2>
- After submitting your required fees and completion of the registration process, you will be notified of your registration via text and email.
- For complete registration, visit SENTEC office i.e. inside Telecom Engineering Department, NEDUET, Karachi or Registration desk in front of SFC, NEDUET Karachi.
- Registration charges are PKR 500 per team.
- Each team shall consist of maximum 3 participants.
- The registration fee is non-refundable.
- Failure in timely payment of the registration fees will result in the immediate cancellation of the registration.

General Rules and Regulations

- On the day of competition, all participants should bring their university cards as well as the registration slips.
- Discipline during the competition should be followed at all times. Acts of disturbance or violence of any matter will result in disqualification from the competition.
- Authority has the right to change any rule without prior notice.
- The participant shall not be allowed to use mobile or other electronic items during competition.

Specific Rules

ROUND 1: MCQ's

First round will be MCQ's round. You will be provided a sheet with 30 MCQ's and you have to complete this round in 20 minutes.

ROUND 2: IMPLEMENTATION

Second round will be a circuit designing round. In this round you will be provided a sheet on which tasks will be written. The team would have to complete task in 45 minutes.

ROUND 3: DEBUGGING

Third round will be debugging round. In this round you will debug the errors in provided circuit designs. You have to complete this round in 20 minutes.

ROUND 4: SOLDERING

Fourth round will be soldering. In this round you have to complete soldering of given circuit on Vero board in 25 minutes.

Winning Criteria

- Winner will be chosen on the basis of four rounds performance.
- The circuits will be judge on following criteria:
 1. Logic and implementation.
 - 2 . Circuit complexity and stability.
 3. Time consumed in making the circuit.
 4. Working condition of the circuit.

NOTE: Certificates and lunch will be provide to all participants on the day of your competition only.



SENTEC '16

THE SOCIETY FOR PROMOTION OF SCIENCE, ENGINEERING & TECHNOLOGY