Entry Rules and Guidelines for TECHNOSPARK2K20

- Identity cards is compulsory
- **Entry Fees Rs 100/- per student per event.**
- Refreshment will be provided to participants.
- All the participants will get a participation certificate.
- The organizers have reserved all rights and authorities regarding all matters related to TECHNOSPARK2K20
- Participants violating the rules of the game or misbehaving in any manner can be disqualified from the game

Project Expo

- A team may consist of a minimum 3 participants and maximum of 4 participants.
- The organizers will be providing only electric power supply of 230V AC.
- Every team should give Project Presentation within 10 minutes
- Judges decision is final and binding.
- Project can be in form of working model/software/simulation based/industry sponsored/experiments.

Circuit Design

- Each group consists of only 2 members.
- Contest will be conducted in two rounds.

Round 1: MCQ Test is conducted on Basic Electronics. :   Time limit is 30 min

MCQ test is of 30 Questions for 30 marks. Each question carries a single mark.

Round 2: Top 10 groups are short listed for Round 2.   :   Time limit is 1 hour.

Round 2: for Diploma - Implementation of circuit.

Round 2: for Degree   - Simulation on Multisim.

- Components required for implementation are provided by college.

μC Master

- Each group consists of only 2 members.
- The event is of 2 Rounds.

Round-1: MCQ Test on 8051 Controller –

- Multiple Choice Question Test. Individual paper for each registration: Time limit is 20 min
- MCQ test is of 20 Questions for 20 marks. Each question carries a single mark.
- The participants who score minimum 10 marks are eligible for the Round-2.

Round-2: Programming of 8051 controller using keil v2 Software –
- Diploma students use assembly language for 8051 programming: Time limit is 30 min
- For UG students use assembly language for 8051 programming: Time limit is 30 min
- The result will be based on Logic used for the programming, final output, total time duration required for the output.