Hill Skill Carnival 2016

Rule Book for Technical Events

Contacts

Faculty Convener :

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Convener:

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Event Heads

Exhibition	:	Mr. Shivam (9857726303)
Quiz	:	Mr. Ankur (9459766633)
Soft Corner	:	Mr. Pawan (9459695499)
Tech Crunch	:	Mr. Akshay (9625010361)
Technovision	:	Mr. Pushpraj (8628863515)
Innovation Corner	:	Mr. Shivam (9459264457)

PROJECT & MODEL EXHIBITION

Description:

This Event includes all working and non working Projects/Models. Participants should carry a working or non working Project/Model along with a Report of Maximum **15 pages**. Report should be on **A4** size pages. Candidates can also give a Precise Presentation on their Projects/Models if Needed. Participants should Register their Projects/Models **till 25th April 2016**.

Rules:

1. Projects/Models should be necessarily from Technical Fields only.

2. Projects/Models not be made from Thermocol or Paper (except Pharmacy).

3. Projects/Models will not be Considered for Evaluation if Report is Missing.

4. Maximum 3 members in a Team are Allowed to present their Projects/Models.

Judging Criteria:

1. Questioning Related to Project/Model.

2. Contents in the Report.

3. Importance of Project/Model in Day to Day Life and Suitability with Environment.

4. Creativity and User Friendly Nature of Project/Model.

QUIZ

Description :

It will be a team event and Questions will be Related to **General Science & Technology.** Participants have to Register in a Team. This event will be Common to all Engg. Branches. Participants Should Register their Respective Team **till 25ᵗʰ April 2016**.

Rules :

1. A team should have 3 members only.
2. Use of Electronic media such as mobile phones & Calculators are not allowed.
3. Replacement of any participants of a team is not allowed after registration.
4. The Decisions of coordinators will be Final and will not be subject to any change.
5. Questions will be in the form of MCQ, True/False Statement, Specific Answer type.

Quiz Rounds :

Initial Screening:

In case of more than 5 teams register **Initial Screening** will be done.

Round 1:

1. 3 Questions from each team and answering time will be 30 seconds with Passover questions to the teams.
2. Team discussion is allowed.

Round 2:

1. Paper Work (A short MCQ Test of 15 questions in 10 mins.).
2. Team discussion is allowed.

Elimination of Teams will took place and Top 5 will Progress to Final Rounds.

In case of a Tie between teams further 5 questions will be asked for final selection.

Final Round

Round 1:

1. 3 Questions will be asked from Each Team. If they are unable to answer; it will be passed to next team and in case of no answer from teams it will be passed to the Audience.

2. 10 marks for correct answer and -5 for each wrong answer.

3. Answering time will be only 30 secs.

4. Team discussion is allowed.

Round 2 : Rapid Fire Round

1. Each team will be asked 5 Questions one after another.

2. 10 marks for correct answer and -5 for every wrong answer.

3. Answering time will be only 5 seconds.

4. If a team cannot answer they can call for a pass for next question. The question will not be pass over to next team.

In Case of a tie between teams further 5 Questions will be asked from Tied teams only for Final Results.

SOFT CORNER

Description:

This event consists of various Competitions to be performed on **Softwares**. Participants has to use their skills and knowledge of Softwares to solve a problem assigned to them in a given time period. Participants can register themselves **till 25th April 2016**. It consists of

1.   Web Designing Contest (team with 2 members only) for CSE.

2.   Designing Contest in AutoCAD for ME,AE,CE.

Rules & Judging Criteria:

1.   Time Limit.

2.   Design Accuracy.

3.   Shortest Method Used.

4.   The Decisions of coordinators will be Final and will not be subject to any change.

TECH CRUNCH

Description:

This will be a Team Event. This event consists of various Activities.

It Consist of

1. Engine Quest

2. Mind Sweeper

1. Engine Quest

This will be a Team event. This event consists of a **Quiz Competition** on **Auto Engine**. Participants can Register till 1 day before start of event.

Rounds :

Round 1

1. 3 Questions from each team will be asked with Passover to the teams. Answering time will be 30 seconds

2. Team Discussion is allowed.

Round 2

1. Paper Work (Short MCQ objective Test of 10 mins.)

2. Team discussion is allowed

Elimination of Teams will took place and top 3 will proceed to Round 3

Round 3

1. Rapid Fire Round ; 5 questions from each team will be asked and 5 seconds will be answering Time

2. Team discussion is allowed

3. Calculators are not Allowed

Rules :

1. Team of only 2 members is Allowed

2. Replacement of any participants of a team is not allowed after registration.

3. The Decisions of coordinators will be Final and will not be subject to any change.

2. Mind Sweeper

Description:

This is a team event in which Participant's Practical Knowledge & command on Hardware Concepts will be tested. Participants have to Assemble/Disassemble Hardware Components. Participants can register till **One Day** before start of event.

Rules:

1. Eligible Branches : ME, AE, CSE, ECE,EEE

2. Team of Max 3 members only.

3. Use of mobile phones is not allowed.

4. The Decisions of coordinators will be Final and will not be subject to any change.

Judgment Criteria:

1. Time Limit.

2. Accuracy.

In case of a tie a new challenge will be imposed for Tied Participants only.

TECHNOVISION

Description:

This is a single member event. Participants have to Prepare a **Power Point Presentation** explaining Contribution of their respective Branches of Engg. towards **Green India**. Participants have to Give a Brief Presentation at the Day of event. Participants can Register till **One Day** before Start of Event.

Rules:

1. Maximum 15 slides.

2. Maximum time allowed for Presentation will be 10 minutes.

3. The Decisions of coordinators will be Final and will not be subject to any change.

Judgment Criteria:

1. Presentation explaining given Theme in a better way.

2. Way of Presenting the Presentation.

3. Research Data, Images & Videos Used in Presentation.

INNOVATION CORNER

Description:

This will be a Team Event. This event will test the Creativity and knowledge of Participants. Participants can register till **One Day** Before Start of Event. This event consists of various activities

1. Mobile App Challenge
2. Debug Challenge
3. Bridge Designing Contest
4. Mach Art

Rules:

1. The Decisions of coordinators will be Final and will not be subject to any change.
2. Max 2 members in a team will be allowed.
3. Use of mobile phones is not Allowed.
4. Eligible Branches ME, AE, CE, EEE, CSE, ECE.

1. Mobile App Challenge

A Team Event which consists of a presentation Explaining the app. Participants have to design an App on their own and have to present their app at the day of Event. Participants can Register themselves till **One Day** before start of event.

Rules:

1.   Team consists of only 2 members.

2.   Presentation time allowed maximum 15 mins.

3.   The Decisions of coordinators will be Final and will not be subject to any change.

Judging Criteria:

1.   Judges will give marks on the basis of Usefulness, Creativity and friendly User Interface of App.

2. Debug Challenge

It will be a team event. In this event Participants have to detect Errors in a Given Problem of **Circuits** in allotted time period. Participants can Register till **One Day** before start of event.

Rules:

1. Use of mobile phones is not Allowed.

2. Max 3 member per Team.

3. The Decisions of coordinators will be Final and will not be subject to any change.

Judgment Criteria:

1. Time Limit

2. Total Errors Detected Accurately.

3. In case of Tie another **New Challenge** will be Imposed for Tied Contestants only.

3. Bridge Designing Contest

Description:

This event consists of Constructing a Bridge **on the spot** using waste materials like Ice Cream Sticks and Wires. Participants can register till **One Day** Before Start of Event.

Rules:

1. A team of 2 members.

2. The Decisions of coordinators will be Final and will not be subject to any change.

3. Use of Electronic media is not allowed.

Judgment Criteria:

1. Team whose Bridge will withstand maximum load will be Declared Winner.

2. In Case of a Tie, least time taken and minimum material used for construction of Bridge will be taken into consideration.

4. Mach Art

This will be a team event. Participants have to Complete a assigned **Task** on **Lathe Machine**. Participants have to register till last 1 day before start

Rules:

1. A team of only 2 members is allowed .

2. Use of mobile phones is no allowed.

3. The Decisions of coordinators will be Final and will not be subject to any change.

4. Eligible Branches ME+AE.

Judging Criteria :

1. Time Limit

2. Dimensional Accuracy of Final Job

3. Best Finishing

4. Shortest Method Used