Paper Presentation

(Entry Fees= Rs. 100.00 per participant)

Rules:

1. The competition is open only for the bonafide diploma students of recognized technical institutes all over the India.

2. Candidates should send their paper in soft copy to mentioned e-mail and also submit 2 hard copies on or before given date.

3. Each group consist maximum three members.

4. Spot entries are allowed.

5. The presentation time is 7 min and for discussion 3 min to each paper.

6. Selected candidates should bring their ID cards at the time of presentation. & abstract should not exceed 300 words.

7. Paper should be carried and two set of photo copy should be submitted to committee.

8. No TA and DA will be permissible for the proposed visit, stay will be provided at MPCOE Hostel on prior intimation.

9. Judges decision will be final and binding.

10. All participants will have to produce their college IDENTITY CARD while reporting for the competition.

11. There will be two prizes for the competition, and expert committee shall evaluate them and certificate will be awarded to all participant teams and winner.

Paper submission:

1. Participants should submit their soft copy of the full paper in "Science direct" format and email to **techfest@vpmmpcoe.org**

2. Paper should be submitted in MS word document.

3. Details of the team members: Name, Contact Number, Department, E-Mail ID, Institution name should be sent along with the paper.

Poster Presentation
(Entry Fees= Rs. 200.00 per group)

Instructions:

1. The competition is open only for the bonafide diploma students of recognized technical institutes all over the India.
2. Candidate should prepare their poster well in advance before presentation.
3. **Poster topic : Recent trends in Engineering.**
4. Poster should be on card sheet with half imperial size.
5. Each group consist maximum two members.
6. Candidates should get 5 minutes to explain poster and 2 minutes for discussion.
7. Decision of the judge will be final and arguments will be not considered.
8. All participants will have to produce their college IDENTITY CARD while reporting for the competition.
9. No TA and DA will be permissible for the proposed visit, stay will be provided at MPCOE Hostel on prior intimation.
10. There will be two prizes for the competition, and expert committee shall evaluate them and certificate will be awarded to all participant teams and winner.

Lan Gaming

Rules:

"NEED FOR SPEED MOST WANTED"
(Entry Fees= Rs. 30.00 per participant)

1. Individual participation.
2. Other controllers, starring wheel allowed but Personal save file not allowed
3. At the end of the match each player must maintain the final screen and receive conformation from referred.
4. Using reverse & accelerator simultaneously.
5. Any disconnection between match players due to system, network, PC and power problem the match will be restarted.
6. Use of
    i. Cheat program
    ii. Intention disconnection
    iii. Use of any setting exceeding standard & permitted settings
    iv. If the match is disrupted due to unnecessary chatting, the player may be given a warning or loss by default at the referee's sole discretion

8. During any match the operations staff and / or referee may determine other action to be unfair at any time.

9. Two warnings constitute being disqualified from tournament .

10. All games setting will be set by Technical Avenue.

11. Only control settings changes allowed.

12. Rules can be changed as per co-coordinators decision .

"Counter strike "
(Entry Fees= Rs. 100.00 per group)

1. Group consists of 5 students maximum.
2. Round time : 1:45sec
3. Start money :1000/-(Game Money)
4. Round :Total 12 round are played 5 round as territorial side and 5 round as counter- terrorist or vice versa .
5. In case of 5-5 score at the end of match, 3 rounds will be played .
6. Number of elimination round will be decided as per the number of participants.
7. Side selection will be done on toss.
8. KRLEG 550, KRLEG552, D3/AV-1, Files **not** allowed.
9. Joystick will not be provided by Organizers.

Lathe-X

(Entry Fees= Rs. 50.00 per participant)

Rules:

1. All participants should carry workshop aprons & wear shoes.
2. Participants should carry their college ID.
3. Individual Participant. (Open for all branches students.)
4. Not more than 1 tool will be provided.
5. Judges decision will be final.
6. No extra work piece will be provided & carrying of any external material is not allowed.
7. After the completion of the task all accessories must be returned.
8. Machine would be selected in random basis (cheats).

Participant has maximum time limit of **40 minutes** for completion of given task & will be subsequently reduced for further rounds.

RoboRace

(Entry Fees= Rs. 100.00 per group)

Rules:

1. Maximum no. of participants: 02 per team
2. No technical assistance will be provided by **on ground team.**
3. Decision of judges will be final. Any disputes from the participants/audiences will not be entertained.
4. Robo can be wired or wireless.
5. Participants should bring their own wire which will be sufficient to cover track area.
6. Once the race begins only 03 hand touches (fouls) are allowed, for every chance the race will start from previous check point.
7. No pre-tests / trials will be allowed on the race track arena.
8. If the robo crosses any checkpoint and then moves off the track then robo will be placed back on the previous checkpoint crossed **by participant only.**
9. Any adjustments/modifications are prohibited at the time of the race.
10. READYMADE toys car (e.g. HOTWHEELS/rob species etc.) are not allowed.
11. Robo should not be destructive.
12. Flying/Jumping Robot's are not allowed.
13. Any destruction to the track arena will lead to disqualification from the event.

14. On ground team may provide a Robo only on prior intimation basis.

15. Students should bring their valid identity card of their respective institutes.
16. Without identity card no entry will be granted for participation.
17. Technical Specifications:
    a. L X B X H: - **25cm x 25cm x 15 cm (max.)**
    b. Input :-12 V DC
    c. Weight :- 04 kg. (max).

Virtual Lab

Instructions:

1. **No Registration fees.**
2. This is virtual Lab Training session only for the diploma students of recognized technical institutes all over the India.
3. Every group should consist of minimum 2 & maximum 3 members.
4. One hours is training session and Two Hours Practical session
5. There will be two prizes for the competition, and expert committee shall evaluate them and certificate will be awarded to all participant teams and winner.
6. All participants will have to produce their college IDENTITY CARD while reporting for the competition.
7. Every participant will get e-Certificate.

Software Development Program
(Entry Fees= Rs. 50.00 per participant)

Instructions:

1. This is software development training session only for diploma students of recognized technical institutes all over the India
2. Every group should consist of minimum 2 & maximum 3 members.
3. Registration fees of Rs. 50 /- per group have to be paid at the time of registration

4. One hours is training session and Two Hours Practical session
5. There will be two prizes for the competition, and expert committee shall evaluate them and certificate will be awarded to all participant teams and winner.
6. All participants will have to produce their college IDENTITY CARD while reporting for the competition.
7. Every participant will get e-Certificate.

Bridge Model Making
(Entry Fees= Rs. 100.00 per participant)

Maximum No. of participant: 02

Problem: Span length - 45cm width – 10 cm

Materials: Ice cream Sticks, glue (Fevicol)

Rules:

- Model as per Dimensions
- Material should as specified above
- Result will be declared as per score
- Design Load = 100kg

$$\text{Score} = \frac{Load}{Weight\ of\ Bridge}$$

Planning Master
(Entry Fees= Rs. 100.00 per participant)
Instructions:

No. of participant: 01

Problem: Draw plan and elevation of given problem

Materials: Sheets, Drafter

Rules:

- Time – 90 Minutes
- Plan should be as per the building bye laws

Project Presentation
(Entry Fees= Rs. 300.00 per partyicpant)
Instructions:

1. Maximum no. of participants: 04.

2. Spot entries are allowed.

3. The presentation time is 10 min and for queries 5 min to each project.

4. Candidates should bring their ID cards at the time of presentation.

5. Students need to submit synopsis of project at the time of presentation.

6. Synopsis should also include Details of the team members: Name, Contact Number, Department, E-Mail ID, Institution name.

Dead line of submission: **9 February 2020**

Wiring Competition
(Entry Fees= Rs. 100.00 per Group)
Instructions:

1. Maximum no. of participants: 03 per team
2. No technical assistance will be provided by **on ground team.**
3. Decision of judges will be final. Any disputes from the participants will not be entertained.
4. Material for wiring installation will be provided by organizer.
5. Circuit diagram will be provided on the spot.
6. Duration for completion of task is **2 hrs**.
7. Criterion for evaluation are as follows:
   i. Neatness of wiring installation.
   ii. Correct installation of wiring diagram.
   iii. Question Answer Round by Judge.

QUIZ COMPETITION
(Entry Fees= Rs. 100.00 per group)

Instructions:

1. Only team entries are eligible.
2. A team shall consist of max two persons.
3. The decision of the quiz-master will be final and will not be subjected to any change.
4. The participants shall not be allowed to use mobile or other electronic instruments.
5. The questions shall be in the form of multiple choice, True / False statement, Specific-answer question etc.
6. Audience shall not give any hints or clues to the competitors.
7. Replacement of any participant of a team is not allowed after registration.
8. Teams selected for the final rounds will be allowed to give themselves an appropriate name related to the competition by which they may want to be known.

ELIMINATION ROUND – (In case more than 6 teams register)

- Each team would be given a set of question paper containing 25 multiple choice objective type questions
- Time limit - 15 minutes
- Only 6 Teams would be selected for STAGE ROUNDS
- In case of tie between 2 or more teams, further 5 questions would be asked for final selection
- The selected teams shall have to appear for the final round

FINAL QUIZ_ STAGE ROUNDS

Round 1 : A question will be asked to a team and if they are unable to answer it will be passed to the next team - [**24 questions**]

- Each team would be asked 4 questions each. (Objective questions with options)
- 10 marks for correct answer and 5 negative marks for wrong answer.
- If a team cannot answer the question, they can pass the question & then the question would be forwarded to the next team.
- Answering time is only 30 seconds.
- Team discussion is allowed.

Round 2: **Rapid Fire Round** : -Each team will be asked 10 questions one after another [**60 questions**]

- 10 marks for the correct answer and negative 5 marks for the wrong answer
- Answering time is only 5 seconds
- Team discussion is allowed
- If a team cannot answer the question, they can say pass for the next question. The question will **not** be forwarded to the next team.

Round 3 – Buzzer Round- A question will be fired & the team who presses the buzzer first get to answer first – **6 Questions**

- 10 marks for the correct answer and negative 5 marks for the wrong or if team doesn't after they press Buzzers. – No forwarding
- Answering time is only 30 seconds

Round 4- Audio-visual round

Teams will be shown clips/image and will have to answer. [**12 questions**]

- 10 marks for the correct answer and negative 5 marks for the wrong answer
- Each Team would be asked 2 audio-visual questions. (1 slide in each round)
- Answering time is only 30 seconds.
- No passing to the next team. Audience can answer.

Mobile Control Robot
(Entry Fees= Rs. 200.00 per group)
Instructions:

1. The competition is open only for the bonafide degree and diploma students of recognized technical institutes all over the India.
2. Every group should consist of maximum four members.
3. Registration fees of Rs.200/- per Member have to be paid at the time of registration.
4. No TA and DA will be permissible for the proposed visit, stay will be provided at MPCOE Hostel on prior intimation.
5. After Completion of task 30 minutes window will be given as practice session for the participants.
6. There will be two prizes for the Mobile Robot competition, and expert committee shall evaluate them and certificate will be awarded to all participant teams and winner.
7. All participants will have to produce their college IDENTITY CARD while reporting for the competition.
8. Judges decision will be final and binding.

Assembling of Quad copter and Flying Session
(Entry Fees= Rs. 100.00 per group)

Instructions:

1. The Workshop is open only for the bonafide degree and diploma students of recognized technical institutes all over the India.

2. Individual participation will be done.

3. Registration fees of Rs.100/- per Member have to be paid at the time of registration..

4. No TA and DA will be permissible for the proposed visit, stay will be provided at MPCOE Hostel on prior intimation.

5. After completion of workshop, a flying session will be conducted by Coordinator in the group of 15 members.

6. After completion of flying session certificates will be awarded to all participants.

7. Students should bring their valid identity card of their respective institutes.

NOTE: IN CASE OF ANY DISPUTE MAIN CO-ORDINATOR'S DECISION WILL BE FINAL.