

**THE
PROCESS
BEGINS HERE**



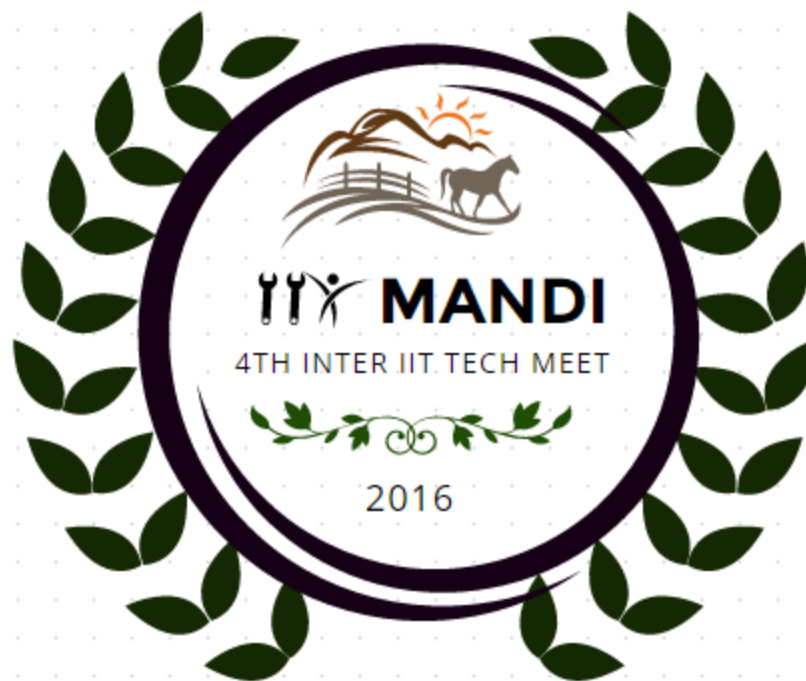
GEAR UP

**INTER IIT
TECH MEET**

JAN 29th - 31st



Visit: www.interiitech.org



LET THE BRAINS COMPETE AGAIN

Internet of Things:

This event will require participants to come up with the prototype of a product that leverages the power of the Internet to enhance the functionality of any ordinary everyday device. Demonstration should be done along with the working prototype during the tech meet .This will be an open ended event.

Rules:

1. There will be 30 minute time for presentation followed by the questionnaire round.
2. Exceeding the maximum time limits leads to certain penalties.

EXCEEDED BY	% OF MARKS DEDUCTED
0-1 MINUTE	10%
1-2 MINUTES	20%
2-3 MINUTES	40%
>3 MINUTES	50%

3. Two chances will be given for presentation. If the model doesn't work in the first chance participants can opt for the second chance. Total time for both the chances is 30min.
4. If a team opts for the second chance 10% of the score will be deducted from their score.
5. Presentation will be a continuous process, in case of vacant slot, the next team will give presentation to fill the vacant slot.
6. Weightage and the judging parameters of the event
 - Design : 20 marks**
 - Working Demonstration : 25 marks**
 - Innovativeness : 20 marks**
 - Utility : 25 marks**
 - Presentation : 10 marks**
7. Maximum number of points:-100
8. Maximum number of participants per team:-6
9. All participants are allowed to speak during presentation.

Portfolio Defender:

This is a problem statement based event. The deliverables of the event consist of both the report and the presentation. The problem statement for this event will be released by 3rd January. Each IIT would have to come up with the most efficient portfolio for the given problem statement.

Rules:

1. The deadline for the submission of the reports shall be decided later.
2. The report will consist of all the key constituents and the main ideology of their concerned portfolio.
3. The students have to defend the same in front of the jury.
4. In case of late submission of deliverables, the team is eligible for the penalties.

Exceed by	% of marks deducted
One hour	10%
Two hours	30%
Three hours	50%
Five hours	Disqualification from the event.

5. Presentation time limit for each team is 30 minutes.
6. Exceeding the maximum time limits leads to certain penalties.

EXCEEDED BY	% OF MARKS DEDUCTED
0-1 MINUTE	10%
1-2 MINUTES	20%
2-3 MINUTES	40%
>3 MINUTES	50%

7. Report Format:
 - The first page of the report should include the title.
 - The report should not exceed 20 pages.
8. Font and formatting
 - Font size:- 12 minimum.
 - Font:- Times New Roman.
 - Line Spacing:- 1.15 minimum.
 - Margin:- 1 inch on all sides.
9. Failing to abide to the above mentioned rules for report leads to certain penalties.
10. Maximum number of points:- 100
11. Maximum number of participants per team:4
12. All participants are allowed to speak in the presentation

Social Media Analysis

This task would require competence in data acquisition, cleaning and analysis (natural language processing). The teams would be given a statement. The teams have to submit a report with analysis and establishing the truth value of the statement. The problem statement for this event will be released by January 3rd.

Rules:

1. The deadline for the submission of the reports shall be decided later.
2. In case of late submission of deliverables, the team is eligible for the penalties.

EXCEED BY	% OF MARKS DEDUCTED
ONE HOUR	10%
TWO HOURS	30%
THREE HOURS	50%
FIVE HOURS	Disqualification from the event.

3. Presentation time limit for each team is 30 minutes.
4. Exceeding the maximum time limits leads to certain penalties.

EXCEEDED BY	% OF MARKS DEDUCTED
0-1 MINUTE	10%
1-2 MINUTES	20%
2-3 MINUTES	40%
>3 MINUTES	50%

5. Report Format:
 - The first page of the report should include the title.
 - The report should not exceed 20 pages.
6. Font and formatting Font size:- 12 minimum.
Font:- Times New Roman.
Line Spacing:- 1.15 minimum.
Margin:- 1 inch on all sides.
7. Failing to abide to the above mentioned rules for report leads to certain penalties.
8. Maximum number of points:-100
9. Maximum number of participants per team:-3
10. Maximum of three members are allowed to speak during presentation.

Hardware Modelling

It will be an open event where the participants are expected to come up with innovative ideas and products. The theme of the event will be social innovation. The participants are expected to create a working prototype and give a live demonstration during the tech meet.

Rules:

1. There will be 30min time for presentation followed by the questionnaire round.
2. Exceeding the maximum time limits leads to certain penalties.

EXCEEDED BY	% OF MARKS DEDUCTED
0-1 MINUTE	10%
1-2 MINUTES	20%
2-3 MINUTES	40%
>3 MINUTES	50%

3. Two chances will be given for presentation. If the model doesn't work in the first chance participants can opt for the second chance. Total time for both the chances is 30min.
4. If a team opts for the second chance 10% of the score will be deducted from their score.
5. Presentation will be a continuous process, in case of vacant slot, the next team will give presentation to fill the vacant slot.
6. A team can build multiple products, but they should be mutually dependent with single integrated purpose.
7. The weightage breakdown is as follows:
Design : 15 marks
Working prototype: 15 marks
Social Use : 40 marks
Innovation: 20 marks
Presentation: 10 marks
8. Maximum number of points : 100
9. Maximum number of participants per team: 6
10. All members are allowed to speak during the presentation.

Embedded Systems:

The teams would be given a problem statement. The participants have to come with a working embedded hardware and demonstrate it during tech meet. The problem statement for this event will be released by 3rd January.

Rules:

1. There will be 30 minute time for presentation followed by the questionnaire round.
2. Exceeding the maximum time limits leads to certain penalties.

EXCEEDED BY	% OF MARKS DEDUCTED
0-1 MINUTE	10%
1-2 MINUTES	20%
2-3 MINUTES	40%
>3 MINUTES	50%

3. Two chances will be given for presentation. If the model doesn't work in the first chance participants can opt for the second chance. Total time for both the chances is 30min.
4. If a team opts for the second chance 10% of the score will be deducted from their score.
5. Presentation will be a continuous process, in case of vacant slot, the next team will give presentation to fill the vacant slot.
6. Judging parameters are as follows:
Design: 25 marks
Feasibility: 10 marks
Working Demonstration: 25 marks
Hardware efficiency: 30 marks
Presentation: 10 marks
7. Maximum number of points : 100
8. Maximum number of participants per team: 6
9. All members are allowed to speak during the presentation.

Product Exhibition:

This event is about the various innovative products that different IIT's students have created. The event will involve the participants bringing the project to the meet. In case transporting the product is not practical, the participants can come with a video of the product in action. The product can be from any domain of engineering, be it hardware, software or any form of engineering you can think of.

Rules:

1. This is a free form event so everything that is built in house can be showcased.
2. Each IIT can bring two projects.
3. There can be one team representing each project.
4. The projects will be showcased in an exhibition, where they will be reviewed by the judges.
5. Exceeding the maximum time limits leads to certain penalties.

EXCEEDED BY	% OF MARKS DEDUCTED
0-1 MINUTE	10%
1-2 MINUTES	20%
2-3 MINUTES	40%
>3 MINUTES	50%

6. Two chances will be given for presentation. If the model doesn't work in the first chance participants can opt for the second chance. Total time for both the chances is 30min.
7. If a team opts for the second chance, 10% of the score will be deducted.
8. Presentation will be a continuous process. In case of vacant slot, the next team will give presentation to fill the vacant slot.
9. Criteria for judgement will be decided upon consultation with all the other IITs.
10. Maximum number of points : 100
11. Maximum number of participants per team : 6

Tech Quiz

This event will be a quiz based on technology.

Rules:

1. Quiz shall be held in two rounds, prelims and final round. The first six teams of prelims round will reach the next level.
2. The first round, 'Tech In Your Pen', will be a written round, and the marking scheme will be released onsite.
3. Teams clearing the prelims will enter Round 2, 'Tech Arena'. This round will further be divided into sub-rounds, and the format will be released onsite only.
4. Sitting allocation for the quiz shall be decided by the draw of lots.
5. If a participant from a team leaves the stage in the middle of a question, he will not be allowed to join his/her team until that particular question has been answered.
6. Total and bonus points' allocation depends on the quiz masters discretion.
7. Any sort of cheating will not be tolerated. If such an instance is found, the team will be disqualified from the Quiz.
8. Quiz master's decision is final and binding.
9. Marking and distribution to be released onsite.
10. Maximum number of participants per team: 4
11. Maximum number of points: 100

Software Development

This is a problem statement based contest. Every team is required to build a software product according to the given problem statement. The problem statement will be released on January 3rd.

Rules:

1. The criteria for the evaluation shall be revealed along with the problem statement.
2. Any mentioned quantifiable specification in the problem statement, if violated will result in penalty.
3. Presentation time limit for each team is 15 minutes.
4. Exceeding the maximum time limits leads to certain penalties.

EXCEEDED BY	% OF MARKS DEDUCTED
0-1 MINUTE	10%
1-2 MINUTES	20%
2-3 MINUTES	40%
>3 MINUTES	50%

5. Specifications for the software would be revealed along with the problem statement.
6. Maximum number of points:-100
7. Maximum number of participants:-6
8. All the 6 participants are allowed to speak during the presentation.