

1. Dream CAD

DESCRIPTION	RULES
1. Drawing skills & detailing will have more weightage during assessment.	1. Maximum participants: 2 per team. 2. Registration fees: Rs. 100/- per students. 3. Students have to plan a shopping mall and prepare AutoCAD drawing for it.

2. Lathe War

DESCRIPTION	RULES
Lathe War is a competition on the lathe machine which allows students to apply their knowledge and skills about manufacturing processes. It requires the skills of time management and accuracy in the work. In brief, this competition opens up the practical world of manufacturing for students.	Round 1: Make a job using simple machining operations. Round 2: Make a job by performing high precision operations on the given work-piece. Team size : One person per team (Individual Event). Registration fee : 100/- per team.

3. Project Competition

DESCRIPTION	RULES
1. Mechanical Engineering projects by students of SE/TE/BE. 2. Not necessarily final year projects. 3. Projects in any of the sub-branches of Mechanical Engineering.	1. Bring one hard copy of synopsis and Send synopsis to mail id jspmaarambh17@gmail.com On or before 20th February 2016. 2. One set of hardcopy of the synopsis should be brought by the participants on the day of event. 3. Registration fees: 100/- per student. 4. Maximum 5 members in one team allowed.

4. Paper Presentation:

TOPICS	RULES
<p>Decide name of the topics (Recent Trends in Mechanical Engineering)</p>	<p>Paper should be maximum 12 pages of A-4 size, typed in Times New Roman, font size 12, line spacing 1, strictly in IEEE format.</p> <p>2. Total presentation time for Team will be Max. 10 mins 8 mins for presentations and 2 min for Question-Answer session.</p> <p>3. For all E-mail communication include group name as part of subject.</p> <p>4. Bring two hard copies and E -mail one soft copy.</p> <p>5. Send Abstract to mail id jspmaarambh17@gmail.com on or before 20th February 2016. Download Abstract format</p> <p>6. Registration Fee Rs. 100/- per student. (Maximum 3 Participants)</p>

5. Robo Race

General Information	RULES
<ul style="list-style-type: none"> • The team should not consist of more than 4 members. ♣ Each member from same college is not mandatory. ♣ The robot should follow the robot specifications provided. Any deviation from the mentioned specifications will lead to disqualification. • Once the race begins, three hand touches are allowed, if you're taking hand touch you have to start from last check point. No test practice will be allowed on the main arena. • Terminals for charging the battery will not be provided in the college. ♣ The arena may subject to change before the commencement of any round. ♣ If the Robot crosses a checkpoint, and 	<p>GENERAL RULES :</p> <ul style="list-style-type: none"> • The team would consist of minimum 4 members. ♣ The structure of the robot should not be changed during the competition. ♣ If the robot by any chances falls from the bridge, the robot will be kept back to the previous checkpoint crossed with a penalty. During the game play, if any part of a robot is destructed/ dismantled/ damaged the participant will be given a timeout to repair at an expense of a penalty, while the next participant for will be called the play. Only 1 timeout will be given for any participant and the participant will repair it without the help from the mentor. A total of 5 minutes run time (arena time) will be given to every

<p>moves off track, then the Robot would be placed back on the previous checkpoint crossed.</p> <ul style="list-style-type: none"> • The decision of the judges will be final and abiding. Argument with judges in any form will lead to the disqualification of the team. <p>Robot specifications :</p> <ul style="list-style-type: none"> • Lego kits are strictly not allowed in any form. ♣ The L X B X H should not exceed 25 X 25 X 25. ♣ The net weight should not exceed 3 kgs. ♣ However a tolerance of 5% is acceptable. ♣ The length of the wire (for wired bots) should be long enough to cover the whole track (around 17m or more) and the wire should remain slack during the complete run. The maximum allowed voltage to power the robot is 24V. 	<p>participant.</p> <ul style="list-style-type: none"> ♣ A maximum of 3 attempts will be allowed in this 5 minutes, the commencement of the second attempt will be on request of the participant and consent of the judge. The better of 2 scores will be considered as final. ♣ If the total time taken by the robots exceeds 10min's the participant would be disqualified. No readjustment is allowed during the run.
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6. Poster Presentation:

DESCRIPTION	RULES
<p>Participant should prepare poster on technical development/ research/ own ideas and present in front of judge panel.</p>	<ol style="list-style-type: none"> 1. Bring one A4 size hard copy of poster on the day of event. 2. Mail id jspmaarambh17@gmail.com 3. Registration fees: 100/- per student. 4. Maximum 3 members in one team allowed.

7. Auto Sketch:

DESCRIPTION	RULES

<p>Participant will give an A3 size sheet at the time of event, within an 2 hr secession they have prepare innovative design colored or Greyscale of</p> <p>Two wheeler Three wheeler Four wheeler</p>	<ol style="list-style-type: none">1. Bring drafting instruments with you organizer will provide A3 size sheet only.2. For queries write us at Mail id jspmaarambh17@gmail.com.3. Registration fees: 100/- per student.4. Maximum 1 member in one team allowed.
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8. Tech Quiz

DESCRIPTION	RULES
<p>The competition will check technocrat's knowledge about mechanical engineering. The event is divided into two stages, first stage will be MCQ test. For further scrutiny next round will be eliminator round which decides the winner</p>	<ol style="list-style-type: none">1. Maximum participants: 3 per team.2. Registration fees: Rs. 100/- per students.3. SE, TE and BE students can form mix team.4. MCQ paper will be given by organizers.5.