

Ref: ME/GIET/2018/N36

Date: 9th /Feb/ 2018**CAD Modeling Competition @ Robomania 2018**

Autodesk Education wants to meet the designers, innovators, and creators of tomorrow. That's why we promote worldwide design competitions and events that help inspire and prepare students for careers in architecture, engineering, and the digital arts. Employers are also looking to hire new graduates with demonstrated experience and skills. Sharpen your skills, show off your talents, and build your resume with competition experience.

Description of the Competition: This category allows every students to display their very best technical drawings. This category is for 2D CAD drawings. This is a display of the students ability to design ability. The judges will award points based on the Drawing Skills, Neatness & Completeness and Time Span.

Venue: D-208, CAD Lab Block D, Hargobind Khorana Block, Department of Mechanical Engineering

Date & Timings: - 16th/February/2018 (Friday) 11:00 am onwards

Rules of Competition:

1. Limited to two students entry per team.
2. Minimum Qualified Marks : 60% to qualify for Next Level
3. A complete drawing is required

Eligibility: ITI /Diploma / B.Tech / M.Tech / Autodesk Professional Certified

(Automation and Robotics Engineering, Automobile Engineering, CAD/CAM,Industrial Engineering, Mechanical Engineering, Production Engineering)

Awards and Certificates:

- Participation Certificates for all as per qualified level
- Cash Prize Per Team for 1st Position – Rs/-1100 , 2nd Position –Rs/-500

Registration

- No Registration Fees
- On the Spot Registration Permitted

Link:https://docs.google.com/forms/d/1UtzELEYrEqFmBRroUwMVkW3Bh6i8zPdZOR6Palwt3hw/viewform?edit_requested=true

Event Website: <http://ggi.ac.in/robomania-2018/>

Event Coordinator:

Ashish Bhateja 9417732687,
Prabhjot Singh 8968269259,
Sandeep Singh 9465207816,
Sukhwinder Singh 9872623383,
Chetan Aneja 8558900080

Scoring/Evaluation:

A perfect score will be 50 points. Judges will use scoring rubrics in the evaluation process. Judges will review all projects on display. The judges will award points based on the Drawing Skills, Neatness & Completeness and Time Span.

Level 1 :- Beginners Knowledge (10 Marks) , Max Time - 20 Minutes	Objective Type CAD Quiz based upon 20 questions related to Computer Graphics , Engineering Drawing, AutoCAD Commands
Level 2 :- Intermediate Skills (20 Marks) , Max Time - 30 Minutes	Design a mechanical product using 2D Commands of AutoCAD
Level 3 :- Professional Skills (20 Marks) , Max Time - 30 Minutes	Design a mechanical product using 2D Commands of AutoCAD

• 16th -17th February'18 •

Judging Rubric for: 2D Technical Drawing

Category: **Mechanical Drafting using CAD (Round 1 / Round 2)**

Team Name (Max 2): _____

College Name: _____

CRITERIA	ENTER SCORE HERE	9 – 10 pts	7 – 8pts	5 – 6pts	0 – 4pts
Drawing Skills , Neatness & Completeness		<p>The drawing(s) represents skills that reflect a thorough knowledge of CAD.</p> <p>Drawing Skills are accurate. Geometry is accurately located.</p> <p>The drawing has no missing lines, dimensions, or other drafting features.</p>	<p>The drawing(s) represent an adequate knowledge of CAD.</p> <p>Drawing Skills are mostly accurate and neat.</p> <p>The drawing has few missing lines, dimensions, or other drafting features.</p>	<p>The drawing(s) represent a fair knowledge of CAD.</p> <p>Drawing Skills are fairly accurate and neat.</p> <p>The drawing has some missing lines, dimensions, or other drafting features.</p>	<p>The drawing(s) represent little knowledge of CAD.</p> <p>Drawing Skills are not accurate or neat.</p> <p>The drawing has many missing lines, dimensions, or other drafting features.</p>
Time Span		The drawing is Completed in less than 20 Minutes.	The drawing is Completed between 20 to 24 Minutes.	The drawing is Completed between 25 to 27 Minutes.	The drawing is Completed between 28 to 30 Minutes.
Total Score (20)					

• 16th - 17th February '18 •