EVENT NAME: Marvel Modeling 2.0
DEPARTMENT NAME: Civil Engineering
EVENT TYPE: Technical Event
EVENT DESCRIPTION:

The coordinators of the event will provide specifications during the each rounds of the event and participants need to design and create drawings and models using appropriated software. The participants need to work using AUTOCAD and REVIT Architecture or similar software for creating drawings and models by following the specifications and design rules given by coordinators during the event. The level of difficulty increases round by round. The winner and runner will receive prize and the participants receive the participation certificates.

EVENT GUIDELINES:

Round 1: Residential Building Drawing

- Duration: 10.00PM-12.00AM
- Participants should draw a plan, elevation and section of a residential building using Auto CAD software in given specifications which will be provided during time of the event.

Break and Evaluation: 12.00AM-12.30AM

Round 2: Residential Building Modeling

- Duration 12.30AM-2.30AM
- Participants need to develop a 3D model based on 2D drawing of the round1 using Revit Architecture or equivalent platform.

- Specifications of the model will be announced during the time of the event.

Break and Evaluation: 02.30AM-03.00AM

Round 3: Modeling of Community Campus

- Duration 03.00AM-06.00AM
- The specification for this round will be informed during the time of the event.

Final Evaluation: 06.00AM-06.30AM

Team Size: Maximum 4
Maximum Teams: 30
Registration Fee : Rs.1000
Duration of event: 8 hours

PLAN OF ACTION
 Full Night Event

- This event consists of 3 rounds
- Schedule of the event

Schedule	Timings
Round1	10.00PM-12.00AM
Break& Evaluation	12.00AM-12.30AM
Round2	12.30AM-02.30AM
Break& Evaluation	02.30AM-03.00AM
Round3	03.00AM-06.00AM
Final Evaluation	06.00AM-06.30AM

- The coordinators will provide refreshments and goodies for the

participants at every round intervals.

- Participants performance will be evaluated at every rounds.

- Evaluation will be carried by 2-3 judges. The highest average scorer will be announced as winner and runner.

- Judge decisions are final in case of any disputes during the time of the event.

Judging Criteria:

- **Round 1: Residential Building Drawing**
    o **Accuracy and Completeness (40%)**: Assess the precision in following the provided specifications, including layout accuracy for plan, elevation and section.
    o **Design Rule Compliance (15%)**: Evaluate adherence to design rules
    o **Innovation and Creativity (10%)**: Points for unique, functional design elements.
    o **Skill of presentation (25%):** Ability to present their developed drawings.
- **Round 2: Residential Building Modeling**
    o **Technical Proficiency (40%)**: Evaluate skill in converting the 2D plan into a 3D model, with correct dimensions and accuracy.
    o **Detailing and Realism (20%)**: Points for detailed textures, materials, and realistic representation of building components.
    o **Compliance with Specifications (15%)**: Adherence to additional specifications given during the event.
    o **Skill of presentation (25%):** Ability to present their developed drawings.
- **Round 3: Modeling of Community Campus**

- o **Technical Proficiency (30%)**: Evaluate skill in converting the 2D plan into a 3D model, with correct dimensions and accuracy.
- o **Creativity and Execution (40%)**: Points for innovative approaches in addressing the round's unique requirements.
- o **Skill of presentation (30%):** Ability to present their developed drawings.

Expected no of participants: 120

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