Design Conclave -

Design Conclave is a competitive, hands-on CAD modeling event designed to evaluate participants' **speed, creativity, technical accuracy, and practical design thinking**. The event progresses from rapid concept modeling to detailed design planning and finally to real-world fabrication, closely simulating an industry-style product development workflow.

Participants will work under time constraints and problem-based challenges that test their ability to convert ideas into functional designs using CAD tools and physical fabrication techniques.

Event Structure

- **Phase 1 – Round 1: Speed Modelling**
  - Participants are required to create a **3D CAD model** within a limited time using **any standard CAD modelling software**.

  - This round focuses on **modelling speed, accuracy, and basic 3D modelling skills**.

  - The model must be created during the event without the use of pre-made files or copied designs.

- **Phase 2 – Round 2: Design & Planning**
  - Shortlisted teams will receive a **problem statement** and are required to plan a suitable design solution.

  - This phase includes **concept development, layout planning, material selection, and feasibility analysis**, encouraging creativity along with logical design thinking.

- **Phase 3 – Round 3: Fabrication**

  o In the final phase, participants will **fabricate a physical model that serves as a correct replica of the given original product** based on their finalized design.

  o Evaluation will be based on **dimensional accuracy, visual resemblance, detailing, and overall similarity to the original product**, ensuring faithful reproduction from design to fabrication.

Mode of Participation

- **Individual / Team of Two**

PRIZE POOL

- First prize   – Rs.5000
- Runner up   I – Rs.3000
- Runner up II   – Rs.2000

Event Schedule

- **Phase 1** – Round 1: **Speed Modelling**
    o 23rd February | Forenoon

- **Phase 2** – Round 2: **Design & Planning**

    o 23rd February | Afternoon

- **Phase 3** – Round 3: **Fabrication**

    o 23rd February (Afternoon) – 24th February (Forenoon)