

**PES's
College of Engineering, Phaltan
Mechanical Engineering Department (Degree)
Kurukshetra 2k25
CAD WAR-3D**

Date: 20-03-25

Notice

All students are notified that **Assembly Making** will be organized by Mechanical (Degree) Department, on 29th March on the occasion of Kurukshetra State Level Technical Event 2K25. Interested participants are informed to submit their names to event coordinator for the competition. Carefully read the Rules-

Rounds-

Round -1- Assembly Making

Time limit – max 10 minutes (may vary depends on entries)

Round-2- Assembly Making

Time limit – max 10 minutes

Rules-

➤ **Team & Objective:**

Teams of 2 members must replicate a pre-built pipe structure using provided pre-cut plastic pipes and mechanical joints (e.g., elbows, tees) in the least amount of time, with no external materials or tools allowed.

➤ **Construction Rules:**

No cutting permitted; use only provided materials to match the original structure's shape, dimensions, and joint placement, ensuring the assembly is self-supporting with no area limit.

➤ **Judging Criteria:**

Speed (40%), accuracy of replication (30%), structural integrity (15%), engineering and joint usage (10%), team coordination (5%); penalties for rule violations, with the final decision taken by judges.

➤ **Evaluation & Prohibited Actions:**

Judges will check if the assembly matches the original structure's design and determine

Student Coordinator: -

- Rohit Kubal- 9075363202
- Bhakti Kolwadkar- 8669094366

Faculty Coordinator :-

1. Mr. V.V.Gundage- 9130082502
2. Mr. Y.A.Godase- 8421707407

Mr.V.V.Gundage

Prof. G. V. Thombare

Prof. A. A. Ranaware

Prof. Dr. N. G. Narve

Mr.Y.A.Godase

Event Coordinator

HOD

Convener

Principal

Vision of department: The Department of Mechanical Engineering strives to provide excellent technical education and research environment to rural students that will produce competent and socially responsible engineers

Mission of department:

1. To enhance the competency of technical education in students.
2. To inspire students to actively engage in research within the rapidly developing and expanding field of Mechanical Engineering.
3. To cultivate moral ethics among students while nurturing the development of desired skills.