



Jai Mahakali Shikshan Sanstha's
Agnihotri College of Engineering. Near Bypass Highway
Nagthana Road Sindi (Meghe) Wardha Maharashtra
442001



TECHACE - 2k25

❖ Poster presentation: Rules and regulation Preparation of

Posters:

- The official language for the posters is English.
- The title for the poster presentation must be from respective branch.
- Prepare the poster on material that is lightweight (Thermo Cole sheet, Drawing sheet).
- Posters should be readable from a distance of 6 feet (2 meters).
- Your poster should be self-explanatory so that you are free to supplement and discuss particular points raised by jury/viewers.
- Labels are must for every item displayed on Poster.
- Poster can be digital printed banner or handmade.

❖ Poster / sheet suggested specification:

- The posters should not exceed 36 inches wide x 48 inch high with 1" margin on all side: For" heading, poster title, author(s) name(s), and their affiliations:
- Sheet (A3 - A2 size preferable).

❖ Suggested font size (for banner):

- Title: Arial (86 pt.)
- Team member's name, guide name, mention if any other contributor: Arial (48 pt.) Figure citation: Arial (25 or higher)
- Rest of the text: Arial (30 pt.)
- Arial font can be replaced with any other font which is readable.




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❖ Project Exhibition

- Duration for a single round would be 8 minutes followed by 2 minutes for question and answers.
- Each team can have maximum of 4 members.
- Members should have a valid student ID card.
- A team member can participate in only one project presentation.
- The project for competition must be displayed and presented with an effective power point / poster presentation.
- The presentation should contain a simple description about their project.
- Participants should bring all their requirements to execute their project.
- The decision of the judge(s) shall be treated as final. Use of harsh words and language is not allowed. In the case of such incident team may be disqualified.
- Maintain the discipline and decorum of the event.
- If any of the team members tries to misbehave with other team members then the team may be disqualified.
- Organizers reserves every right related to the event.
- Evaluation Criteria:




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Tech Ace Rules and Regulations

Welcome to **Tech Ace 2K25**, a platform technical excellence. To ensure a fair, transparent, and smooth execution of all events, we have established a set of rules and regulations that all participants must adhere to.

These guidelines are designed to maintain discipline, encourage ethical participation, and provide equal opportunities for all contestants. By participating in **Tech Ace 2K25**, you agree to abide by these rules and uphold the spirit of professionalism, teamwork, and integrity.

We urge all participants to carefully read and understand the following regulations before engaging in any event. Non-compliance with these guidelines may result in penalties or disqualification.

Let's make **Tech Ace 2K25** a competitive yet respectful and enjoyable experience for everyone. Best of luck! 🍀

❖ **PREZENTAIRE**

- **Time Limit:** Each team will have **10 minutes for the presentation and 5 minutes for queries** from the judges.
- **Presentation Format:** Presentations should be prepared using **MS PowerPoint**.
- **Content Guidelines:** Use **minimum text and maximum illustrations** for better clarity.
- **Audio/Video Usage:** **Audios and videos are not allowed** in the presentation.
- **Login Requirement:** Participants must **log in 10 minutes before the start of their presentation**.
- **Visual Aids:** **Images and graphs can be included** to enhance the presentation.




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❖ **Group Discussion**

- **Speak Clearly & Confidently** – Express your views concisely and logically.
- **Respect Others' Opinions** – Avoid interruptions, personal attacks, or rude behavior.
- **Stay Relevant** – Stick to the topic and provide valid points with examples.
- **Active Participation** – Listen attentively, engage in a balanced discussion, and encourage teamwork.
- **Time Management** – Follow time limits and contribute effectively within the given duration.




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❖ LAN GAMING Rules

- **Rounds:** Each match is divided into rounds lasting 2-3 minutes.
Players respawn at the start of each round.
Dead players remain out for the rest of the round until the next round begins.
- **Respawning:** Players can't swap during the game.
- **Friendly Fire:** Depending on server settings, friendly fire (damaging teammates) may be enabled or disabled.
- **Decision:** In any uncertain conditions during the game, then coordinators and judges will decide which will be the final decision for all.
- **Winning:** Winners will come through the end of rounds.




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❖ Rules for a circuit-making competition: -

These simple rules ensure fairness and safety while promoting creativity in the competition. Here are five simple rules for a circuit-making competition:

- ❖ **Original Design:** Participants must follow the given circuit design from co-coordinator.
- ❖ **Safety First:** All circuits must be safe to use. No exposed wires or components that could cause harm. Participants should follow proper safety protocols when handling electrical components.
- ❖ **Functionality:** The circuit must work as intended, fulfilling the objective of the competition (e.g., lighting an LED, powering a motor, etc.). Non-functional circuits will be disqualified.
- ❖ **Component Limits:** The circuit must only use components within the specified limits provided by the competition rules (e.g., a certain number of resistors, capacitors, etc.). Components will be provided by coordinator.
- ❖ **Time and Size Restrictions:** Each participant must complete their circuit within the specified time frame and size limitations (e.g., the circuit must fit within a certain space or be completed within a set amount of time).
- ❖ **Eligibility:** UG and polytechnic students can participate. 3 members per team




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❖ ROBO RACE

❖ Problem Statement

Design a wireless or wired robot within the specified dimensions that can be travel through all turns and hurdles of the track. The robot that will complete the specified task in least time with higher score will be the winner.

❖ General Notifications

- Racing arena design will be provided before the competition.
- The arena may subject to change before the commencement of any round.
- The structure of the robot should not be changed during the competition.
- The robot must travel on the specified path provided in the arena.
- This is racing event, so fastest and most balanced robot will win.
- Robot should be as per the given specifications.
- Each team can have maximum three members. Students from different institutes can form a team.
- Each member of the team must contain the identity card of his/her respected institute.
- Judge's decision will be considered final.


❖ Game Rules

- The robo must complete the race within five minutes maximum.
- There will be a single round competition (i.e. no semifinal/final round).
- Gross width of racing path can be 30cm and maximum distance between the wheels of robo can vary 18-24cm.
- A penalty of -3 points will be imposed for every line touch, that will be decided by the observing team by analyzing racing video.
- Machine must not contain any readymade kits, pneumatic & hydraulic systems, IC engines.
- Decision about your robot will be taken by the organizers.
- Organizing committee reserves the right to add or update any rule.

❖ Arena Specification

- A participant has/have to arrange arena by their own as per given design.
- The design of Arena will be available at the website.




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❖ **Bridge Builder 2K25**

❖ **Size for Bridge**

- Length of the Bridge is not more than 450 mm.
- Width of Bridge span is not more than 100 to 120 mm.
- ± 10 mm is permissible for length and width.

❖ **Student Capacity and Condition**

- Each team is allowed a maximum of 3 students.
- Participants in the bridge-building competition are required to bring their completed bridges to the event.
- The bridge must be fully constructed and ready for evaluation upon arrival.

❖ **Materials and Construction:**

- Ice Cream sticks only.
- White glues or White Adhesive.
- Prohibit certain materials No Wires tread and no string

❖ **Performance and Testing:**

- Minimum load: The Bridge must hold 15 kg.
- Load Capacity: Load gradually increasing from 15 kg to onward.
- Load Application Point: The load will be applied to center span of the bridge.
- Deflection Limit: Maximum allowable deflection is 30mm.

❖ **Judging and Awards:**

- Judging criteria:
- The ratio = load carrying capacity/Self-weight of the bridge
- The higher value of ratio.




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❖ CAPTURE IT & REEL-O-TRIBE Competition Rules

- Students can create a reel till 30-45 seconds.
- Students should tag the photos to @ace_agni Instagram Page with #techace2k25.
- The reel must be collaborated with the college's official Instagram account (@ace_agni) while posting.
- The winners will be decided on how many likes they get on their posts/reels.
- They should post their posts between 27 feb to 2 march 2025
- The winners will be declared on 4 march 2025 Extra credit will be given to creative reels.
- The Tech Ace logo and event details must be included in the reel.

❖ THEME CATEGORY

- Engineers Be Like
- Life of an Engineer
- Engineering vs Reality
- Innovation Challenge




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