

TECH MAKHAR 2026

“Where Tradition Meets Innovation”

COMPETITION GUIDELINES

1. Online Registration

1.1 Registration for the “**Tech Makhar 2026 – Where Tradition Meets Innovation**” competition shall be conducted online through the registration link provided by **PMU-CARES**.

1.2 The online registration portal shall remain open from **7 September 2026 to 11 September 2026**.

1.3 Only schools that successfully register their participating team(s) online within the stipulated registration period shall be eligible to participate in the competition.

1.4 Schools are required to ensure that all information and details entered during the registration process are complete, accurate and correct.

1.5 Detailed guidelines and instructions for completing the online registration process shall be communicated separately by PMU-CARES.

2. Originality and Ownership of the Project

2.1 The Makhar submitted for the competition must be **conceptualised, designed and developed by the participating students**.

2.2 The project must be **original** and must not be commercially available or directly reproduced from an existing commercially available product or project.

2.3 The project should demonstrate the students’ own creativity, understanding, technical skills and innovation.

2.4 A project that is substantially fabricated, programmed, designed or developed by an adult, professional, external agency, commercial vendor or any person outside the registered team may be **disqualified**.

2.5 Students are encouraged to understand and be able to explain all major aspects of their project, including its design, technology, components and working.

2.6 Teams should use electronic components from the **RHK Hardware Kit** provided by PMU-CARES to the participating schools, wherever applicable.

3. Project Development and Documentation

3.1 Each participating team shall maintain sufficient evidence demonstrating the development of its Makhar from the initial concept through to the final project.

3.2 The following documentation should be maintained by each team:

- Photographs and/or videos showing different stages of project development.
- Basic circuit diagrams and/or block diagrams, wherever applicable.
- A list of major components and materials used.
- A brief explanation of the technology and/or technical concepts used.
- A description of the individual contributions made by each participating student.
- Relevant source or reference links, wherever applicable.
- Details of any external assistance received during the development of the project.

3.3 The Organising Committee and/or Judges may request the above evidence at any stage of the competition.

3.4 Teams must be able to demonstrate that the project was developed substantially by the participating students.

4. Safety Rules

4.1 All projects must comply with basic **electrical, electronic and physical safety requirements**.

4.2 The use of mains electricity shall be permitted only under appropriate **adult supervision** and with necessary safety precautions.

4.3 The following are strictly prohibited:

- Open flames.
- Fireworks.
- Explosives.
- Toxic substances.

- Hazardous chemicals.
- Any other materials or mechanisms that may pose a foreseeable risk to participants, judges, visitors or property.

4.4 Projects must not produce excessive heat, sparks, smoke or any other foreseeable safety hazard.

4.5 Teams shall be responsible for ensuring that their projects are safe to operate, demonstrate and handle.

4.6 Any safety concern identified by the Organising Committee or Judges may result in **deduction of marks and/or disqualification** of the project.

5. Eco-Friendly Practices

5.1 Teams are strongly encouraged to incorporate environmentally responsible practices into the design and construction of their Makhar.

5.2 Preference should be given to:

- Reusable materials.
- Recycled and upcycled materials.
- Energy-efficient lighting.
- Low-power electronic components.
- Environmentally responsible materials.
- Designs that can be dismantled, reused or repurposed.

5.3 Teams should avoid excessive use of non-recyclable or single-use materials wherever practical.

5.4 Innovation in sustainable design and responsible use of materials may be considered positively during evaluation.

6. Reel Requirements

6.1 Each participating team shall create **one original Reel of approximately 60 seconds** showcasing its Makhar.

6.2 The Reel must clearly showcase:

- The completed Makhar.

- The technology and/or innovation incorporated into the Makhar.
- The working of the technological feature(s).
- The participating students, wherever reasonably possible.

6.3 The Reel must accurately represent the project and the contribution of the participating students.

6.4 The Reel must not contain misleading claims regarding the team's contribution, originality or development of the project.

6.5 The Reel must not contain any **offensive, discriminatory, political or otherwise inappropriate content**.

7. Mandatory Caption Information

The caption accompanying the Reel must include the following information:

- **School Name**
- **Team Name**
- **Names of Participating Students**
- **Brief Description of the Makhar**
- **Technology/Components Used**
- **Major Innovation/Feature**

The following hashtags are mandatory:

#TechMakhar
#CaresGoa

8. Digital Popular Choice Award – Highest Instagram Reach

8.1 Each team participating in the **Taluka-Level Evaluation** shall upload its one-minute Instagram Reel showcasing the project on the official **Tech Makhar registration portal** on or before **29 September 2026**.

8.2 The uploaded Reel must comply with all Reel, content and caption requirements prescribed in these competition guidelines.

8.3 Following the completion of the Taluka-Level Evaluation, the Reels of the **24 teams selected at the Taluka Level** shall be uploaded by **PMU-CARES** on its official Instagram account.

8.4 The Reels uploaded on the official PMU-CARES Instagram account shall be considered for the **Digital Popular Choice Award**.

8.5 The team whose Reel receives the **highest number of reach** by the specified closing date shall be declared the winner of the Digital Popular Choice Award.

8.6 The winner of the Digital Popular Choice Award shall receive:

- **Special Prize of ₹5,000**
- **Certificate**
- **Trophy**

8.7 The date and time up to which Instagram reach shall be counted will be communicated separately by PMU-CARES.

8.8 **Only the reach recorded on the Reel uploaded on the official PMU-CARES Instagram account shall be considered** for determining the winner of the Digital Popular Choice Award.

8.9 Reach generated through any other account, repost, independently uploaded Reel, external social media platform or other source shall not be considered for this award.

8.10 In the event of any dispute regarding Instagram reach, the records/analytics available to PMU-CARES for the official Reel shall be treated as the basis for determining the result.

9. General Compliance

9.1 Participation in **Tech Makhar 2026** implies that the participating school and team agree to comply with all competition rules, guidelines and instructions issued by PMU-CARES.

9.2 The Organising Committee reserves the right to seek clarification, supporting documentation or evidence regarding the development, originality, safety and functioning of any project.

9.3 The decision of the Organising Committee and/or Judges regarding eligibility, evaluation, disqualification and awards shall be final, subject to the applicable competition procedures.

9.4 Any violation of the competition guidelines may result in **deduction of marks, disqualification of the project or withdrawal of eligibility for an award**, as deemed appropriate by the Organising Committee.

Important Dates at a Glance

Activity	Date
Online Registration Opens	7 September 2026
Online Registration Closes	11 September 2026
Deadline for Uploading One-Minute Reel on Registration Portal	29 September 2026

Issued by:
PMU-CARES

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