

TECH MAKHAR 2026 – WHERE TRADITION MEETS INNOVATION

PHASE III - STATE LEVEL

INSTRUCTION MANUAL FOR PARTICIPATING TEAMS

The two selected teams from each Taluka shall participate in the **State-Level Competition** and present their innovative and creative technology-enabled Makhar, along with the learning outcomes achieved throughout the competition, before the judging panel.

Teams will be evaluated based on **innovation, creativity, practical implementation, technological integration, learning outcomes, and presentation skills.**

PRESENTATION STRUCTURE

Time Limit:

- ✓ **5 minutes** – Demonstration and presentation of the Makhar based on **CARES – Robotics Hardware Kit (RHK) / Govin**
- ✓ **2–3 minutes** – Question & Answer session with the judges

WHAT TO PRESENT ?

The final presentation must include the following components:

A. Live Demonstration of Makhar

Teams must present a **functional hardware or software-based project** demonstrating the technology-enabled Makhar developed as part of the competition.

- The **hardware project** must be developed **only using the CARES Robotics Hardware Kits (RHKs)** provided to the school.
- The **software project** must be developed **only using the Govin platform.**
- Teams should clearly explain the **concept, working, technology used, and purpose** of their Makhar.
- The demonstration should highlight how **traditional elements have been integrated with technology** in an innovative and meaningful manner.

B. Impact & Learning

Teams should reflect on the learning outcomes achieved during the competition, including:

- Technical and other skills developed by the students.
- Challenges faced during the development and implementation of the project.
- Solutions adopted to overcome the challenges.
- Teamwork, creativity, problem-solving and innovation demonstrated by the students.

Teams should conclude their presentation by sharing their **vision for eco-friendly, sustainable and technology-enabled Makhars in the future.**

DIGITAL POPULAR CHOICE AWARD

Highest Instagram Reach

As part of the **Digital Popular Choice Award**, the Reel submitted by the **Phase II Taluka-Level winning team** through the Prerna Portal will be uploaded by PMU on the official **CARES Instagram account**.

Guidelines:

- The Reel submitted by each winning team will be uploaded by PMU on the official **CARES Instagram account on 8th October 2026.**
- The Reels uploaded by PMU will be considered for the **Digital Popular Choice Award – Highest Instagram Reach.**
- Teams may **share the official CARES Instagram Reel** with their friends, family, school community and other supporters to increase its reach.
- Teams may promote the Reel through their respective **school and personal social media networks**, while ensuring compliance with applicable **child-safety and social-media guidelines.**
- The **Instagram reach recorded for the Reel** will be considered for determining the winner of the Digital Popular Choice Award.
- Only the Reel **uploaded by PMU on the official CARES Instagram account** will be considered for evaluation. Re-uploaded or separately posted versions will not be considered for the award.
- Teams must not use **paid promotions, bots, artificial engagement, or any other means of manipulating the reach or engagement** of the Reel.

- Any attempt to artificially increase reach or engagement may result in **disqualification from the Digital Popular Choice Award**.
- The decision of the organising committee regarding the award shall be **final and binding**.

IMPORTANT INSTRUCTIONS FOR PARTICIPATING TEAMS

- Students and accompanying teachers/mentors are requested to **carry their own lunch/food and water bottles**, as these will not be provided by the organisers.
- All participating students must report at the venue **on time**, as instructed by PMU.
- Teams must carry all necessary **components, materials and equipment** required for their demonstration.
- Students must handle the **CARES Robotics Hardware Kits (RHKs)** responsibly and ensure that all equipment and materials are safely transported.
- Teams must maintain **discipline and decorum** throughout the event and follow the instructions of the PMU team and venue authorities.
- Students and accompanying teachers/mentors are requested to **cooperate with the PMU team** throughout the event.
- A presentation table of approximately **1.5 ft × 3 ft** will be provided to each participating team for displaying and demonstrating their project.

❖ SCHEDULE

Kindly adhere to the schedule provided below for the State-Level Competition.

 [Tech Makhar Planner - TIMELINES FOR JUDGING.pdf](#)

❖ VENUE

Rajya Kar Bhavan, Commercial Tax Department, Altinho, Panaji, Goa 403001

1st Floor, CARES Office. (Scan the QR code below to view the venue location)

