

Introduction:

Protothon Hackathon is a 24-hour innovation challenge designed to bring together passionate engineering students to solve real-world problems. Organized by **Sahynex TechSolutions Pvt. Ltd.** in collaboration with **TCE (Technical Career Education)**, this hackathon provides a dynamic platform for participants to collaborate, build practical solutions, and work on live problem statements from institutions and companies.

With expert mentorship, structured evaluations, and hands-on experience, Protothon aims to transform innovative ideas into impactful solutions while delivering a fun, engaging, and meaningful learning experience.

1. Eligibility Criteria

- The hackathon is **open exclusively to Engineering students**.
- All team members must belong to the **same institution**.
- Participants must carry a **valid institutional ID card** during the offline hackathon.
- Any number of teams can participate from a single institution.
- A student can be part of **only one team**.
- **Maximum team size:** 4 members
- **Minimum requirement:** At least **2 participants** per team.

2. Registration Process

- Teams must register through the official registration link:
<https://protothon.sahynex.com/>
- Registration must be completed before the announced deadline.
- Incomplete or incorrect registrations may lead to disqualification.
- Once registered, teams will receive a confirmation via email/SMS.

3. Competition Format

The Sahynex Hackathon will be conducted in **two stages**:

Step 1: Ideation Round (Online)

- Teams submit their ideas based on the given institutional problem statements.
- Submissions must include:
 - A **PPT (PDF/PPT format)** *or*
 - A **Video pitch** explaining the problem and proposed approach.
- All submissions will be evaluated using the predefined evaluation rubric.
- Top teams will be shortlisted for the next round.

Step 2: Final Hackathon (Offline)

- Shortlisted teams from the online ideation round will be invited to participate.
- Teams will work on developing and refining their solutions on campus.
- Final evaluation will be based on innovation, feasibility, execution, and impact.
- Results and winners will be announced at the end of the event.

4. General Rules

- Teams must adhere to all deadlines and submission guidelines.
- Any form of plagiarism will result in immediate disqualification.
- The decision of the judges, Sahynex and TCE organizing committee will be final.
- Sahynex reserves the right to modify the rules, schedule, or format if required, with prior communication.

5. Code of Conduct

- Participants are expected to maintain professionalism and mutual respect.
- Any misconduct, harassment, or violation of institutional norms may lead to disqualification.
- All participants must comply with venue rules during the offline hackathon.

6. Timeline

Time	Activity	Description
9:30 AM – 10:30 AM	Inauguration Ceremony	Welcome address, introduction to Sahynex and TCE, hackathon overview, and inauguration
10:30 AM – 11:00 AM	Pre-Hackathon Talks	Expert sessions on problem-solving approach, innovation mindset, and evaluation expectations
12:00 PM	Hackathon Kickoff	Teams move to respective workspaces and begin ideation & development
1:30 PM – 2:30 PM	Lunch Break	Lunch provided for all participants
2:30 PM – 4:00 PM	Development Sprint	Continued work on solutions
4:00 PM – 5:00 PM	Evaluation Round 1	Progress review by mentors (initial ideas & direction)
5:00 PM – 5:30 PM	Development Sprint	Refinement based on mentor feedback
5:30 PM – 6:00 PM	Snacks Break	Snacks provided
6:00 PM – 8:30 PM	Development Sprint	Continued development and testing
8:30 PM – 10:00 PM	Dinner	Dinner provided
10:00 PM – 11:00 PM	Evaluation Round 2	Midway evaluation and progress presentation to mentors

Day 2 – Morning	Breakfast	Breakfast provided
10:00 AM – 12:00 PM	Final Evaluation Round	Final solution review and judging
12:00 PM – 1:00 PM	Top 10 Presentations	Shortlisted teams present to main jury & dignitaries
1:00 PM onwards	Valedictory & Closing	Results announcement, awards, and closing remarks

7. Themes & Problem Statements

1. Transparency in Public Service Delivery

Solutions focused on improving accountability, efficiency, and accessibility in public service systems. This includes areas such as digital grievance redressal platforms, real-time service tracking, public fund monitoring, citizen feedback systems, document verification, welfare scheme transparency, and automation of government processes. The goal is to enhance trust, reduce corruption, and ensure timely service delivery to citizens.

2. Reducing Post-Harvest Agricultural Loss

Problem statements centered around minimizing crop losses after harvesting through technology-driven interventions. Participants may develop solutions related to smart storage systems, cold chain monitoring, supply chain optimization, farm-to-market connectivity, demand forecasting, quality assessment using AI, logistics tracking, or farmer advisory systems. The objective is to increase farmer income, reduce wastage, and strengthen food security.

3. Intelligent Campus Placement Management System

Solutions aimed at streamlining and optimizing the campus recruitment process. This includes student profiling systems, skill assessment and analytics, automated eligibility filtering, recruiter dashboards, interview scheduling automation, placement tracking, predictive job matching, and data-driven placement performance insights. The goal is to improve efficiency, transparency, and placement success rates for institutions and students.

4. Open Theme

Participants are free to work on any innovative idea of their choice. The solution should address a clear problem, demonstrate originality, and have practical applicability with potential real-world impact.

8. Rules & Guidelines (For Participants)

- All participants are expected to follow the **basic rules and discipline of the host institution** at all times.
- **Alcohol, tobacco, or any prohibited substances are strictly not allowed.** If found, strict action will be taken, including disqualification.
- Participants are **not allowed to leave the campus after 11:00 PM** during the hackathon.
- **Overnight stay will be arranged on campus.**
- **Beds will be provided on request** at an additional cost of **₹150 per bed**, subject to availability.
- Please take care of your **personal belongings**. The organizers will not be responsible for any loss or damage.

9. Safety & Emergency

- Your safety is our priority. Participants are requested to **cooperate with organizers and security staff** at all times.
- In case of any medical emergency or safety concern, **immediately inform the event volunteers or coordinators.**
- Basic first-aid support will be available on campus.
- Emergency contact details and help desks will be shared during the event.

10. Contact Us

For any queries, clarifications, or further information regarding the event, please feel free to reach out to:

Vaibhav Shetty

Phone: 9743382826

Email: vaibhav.sahynex@sahyadri.edu.in

Tejas Nayak

Phone: 7259727460

Email: tejasnayak.sahynex@sahyadri.edu.in