

# Raisoni Tech Hackathon

Unite to Code, Compete to Lead



— RAISONI TECH —  
**HACKATHON**  
2025

**Hackathons are playgrounds where ideas evolve into breakthroughs, fueled by passion and teamwork.**

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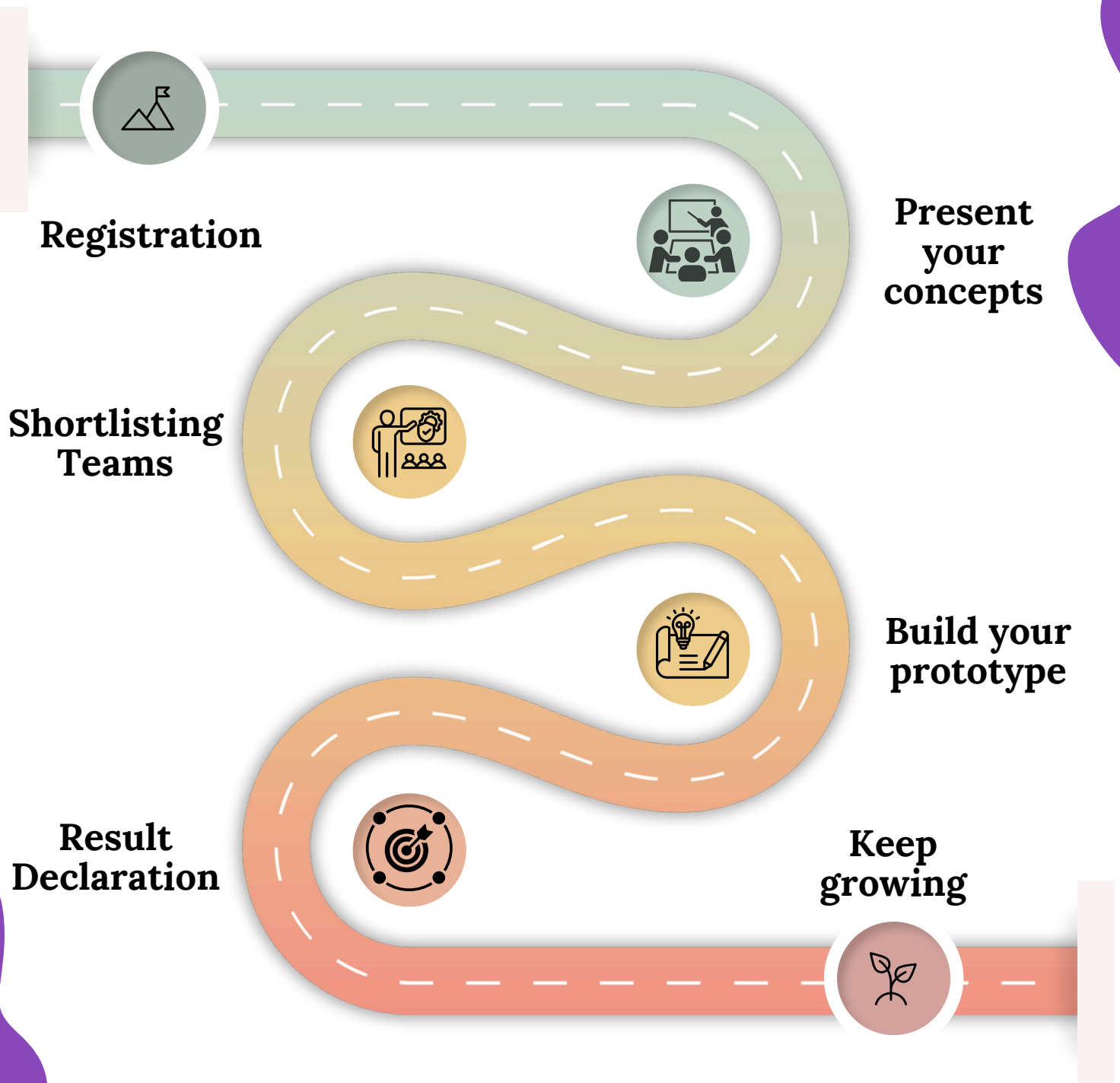
# Unite to Code, Compete to Lead

## Our Hackathon Mission

Our intercollege hackathon fosters creativity, innovation and problem-solving skills. In the first round, students will present solutions to real-world challenges via PPT, focusing on originality and communication. Shortlisted teams will then have to implement their idea, applying their acquired skills. This experience aims to inspire young minds, promote growth and pave the way for future innovators.

**It is more than just a competition—it is a learning journey that prepares students to think, design and build the future of technology.**

# Hackathon Road Map



# REGISTRATION

The team leader is responsible for registration and acts as the main contact, ensuring they relay all necessary information to the team.



## HOW TO REGISTER?

- To ensure participation team leaders must complete official registration by filling out the Form provided on our official website before **15th February 2025**.
- Ensure all details are accurate, as inaccuracies may result in disqualification.
- All event communication will be directed solely to the team leader.



**Registration Deadline: 15th February 2025**



# Team Formation and Registration

## Team Structure

**Your team structure guidelines emphasize collaboration and streamlined communication. Here's a concise summary based on the details provided:**

- **Team Size:** Maximum 5 members which includes minimum 1 female member compulsorily.
- **Team Leader:** Serves as the primary point of contact and manages team communication and registration.

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## Mentorship Requirement

- **Mentorship:** Teams are encouraged to have a mentor for guidance and support, enhancing performance and learning.
- **Eligibility:** Mentors can be faculty, industry professionals or experienced individuals. Faculty mentors must be from the team's college.
- **Multiple Teams:** One faculty mentor can guide multiple teams.

- **A fee of ₹500 per team is required to complete the registration.**
- Payment details such as (Bank account number, QR Code, UPI ID) is provided in the registration form.

# Problem Statements

## Viskrit Technologies

### 1. Attendance Management System

Traditional attendance systems in colleges and universities are inefficient, error-prone, and susceptible to fraud. Manual roll calls and outdated digital methods waste time and compromise accuracy. With modern technology, there is a need for an automated, secure, and efficient attendance system to enhance academic integrity and student engagement.

Develop an innovative attendance solution that addresses the key challenges:

**Automation & Accuracy:** Use technologies like facial recognition, RFID, or geolocation to eliminate manual errors.

**Multi-Factor Authentication:** Prevent proxy attendance with robust security measures.

**Real-Time Integration:** Ensure seamless connectivity with Learning Management Systems (LMS) and student databases.

**Data Security & Privacy:** Implement encryption and compliance with data protection regulations.

**Scalability & Usability:** Design a user-friendly system that works for institutions of all sizes.



# Problem Statements

## Baba Technologies

### 2. Bartering system application:

Gig workers face financial constraints and limited access to essential services, despite having valuable skills. Many struggle to find a structured, cost-free way to exchange their expertise. The challenge is to create a mobile app that enables seamless skill-based bartering, allowing freelancers, independent contractors, and creative professionals to connect and trade. The app should feature user profiles, service listings, secure chat, a matching algorithm, and a rating system to build trust and efficiency. It must be user-friendly, secure, and scalable, fostering a collaborative ecosystem where gig workers can expand their networks, enhance productivity, and reduce costs. By simplifying skill exchanges, this platform will revolutionize how professionals collaborate and thrive in the gig economy.

## Student Innovation

### 3. Unleash Your Idea

Empower students to become creators and innovators by providing a digital space where they can bring any idea to life. This challenge is open-ended—there are no restrictions on the type of innovation. Whether it's a mobile app, a social initiative, a game, or a solution to a real-world problem, the platform should support and nurture diverse creative projects.

# PPT

# Presentation

## Purpose of the Presentation

- The presentation is a critical component of the hackathon, where teams must articulate their ideas and solutions clearly and effectively.
- Teams are required to create a PowerPoint presentation which will encapsulates their thought process, solution approach and technical feasibility.
- Once all presentations conclude, a panel of judges will evaluate each team's presentation according to the specified criteria.

## Evaluation Criteria

- Teams will be assessed on several key factors: the innovation and creativity of their ideas, the technical feasibility of their proposed solutions, the clarity and effectiveness of their presentation, and the overall impact their solution is likely to have. These criteria will help the judges determine which teams have developed the most compelling and practical solutions.

## Presentation Logistics

- A specific PPT template is given below as well as on the website.  
<https://rthack.raisoni.net/downloadable/RTH%202025%20IDEA%20PPT.pptx>
- Ensure that the PPT is submitted in that given format only.
- Submit the PPT on the website itself.

# Shortlisted Teams and Announcements

1

Once all presentations are submitted, a panel of judges will evaluate each team's PowerPoint presentation according to the specified criteria.

2

Judges will assess the quality of the ideas, feasibility, and the team's ability to communicate their solution effectively.

## Announcement of Results

Shortlisted teams will be **notified on the website and via email**, which will include the names of the shortlisted teams and detailed instructions for the next steps.

The announcement will also provide details about the final round of the hackathon, including the time, venue, and any additional preparation required. **The RTH 2025 Grand Finale will be held offline at G H Raisonni College of Arts, Commerce and Science, tentatively during late February 2025.**

Teams should be available for scheduled meetings, sessions, etc. Notifications and schedules will be communicated in advance to help teams plan accordingly.

# EVALUATION CRITERIA

## **Innovation:**

How unique and creative is the solution?

## **Technical**

### **Depth:**

Is there a strong technical foundation in the solution?

## **Scalability:**

Does the solution have potential for large-scale impact?

## **Presentation and Clarity:**

How well was the solution communicated to the judges?

## **Feasibility:**

Can the solution be realistically implemented?

# IMPORTANCE OF HACKATHON

## FOR STUDENTS

- **Skill Development:** Hackathons enable students to apply theory to practical challenges, enhancing technical and analytical skills.
- **Teamwork:** Participants build collaboration and communication skills while working in teams.
- **Networking:** Students connect with industry experts, mentors and peers, opening doors to learning and opportunities.
- **Portfolio Boost:** Projects completed during hackathons add value to resumes and portfolios.
- **Exposure to Latest Trends:** Participants gain insights into emerging technologies and industry practices.

## FOR COMPANIES

- **Innovation & Talent:** Hackathons uncover fresh ideas and identify promising talent for future opportunities.
- **Brand Visibility:** Sponsorship highlights the company as a supporter of innovation and young talent.
- **Community Engagement:** Companies connect with aspiring tech enthusiasts and gain insights into emerging trends.
- **Prototypes & Feedback:** Hackathons produce creative solutions and valuable feedback on industry challenges.

# Benefits to Companies

Collaborating with our hackathon as a problem statement provider or sponsor offers unparalleled opportunities for companies to engage with talented students, showcase their brand and gain innovative solutions:

- **Brand Recognition:** Your company will be prominently featured in all hackathon marketing materials, including posters, social media reels and announcements, reaching a diverse and enthusiastic audience.
- **Talent Access:** Gain early access to skilled, creative and passionate students who could be potential hires or interns for your organization.
- **Innovative Solutions:** Receive unique and fresh perspectives on real-world challenges through creative prototypes and ideas generated by participants.
- **Enhanced Engagement:** Build meaningful connections with the next generation of tech enthusiasts, boosting your company's community engagement.
- **Marketing Opportunities:** Leverage event publicity through student outreach, on-campus promotions and digital campaigns to expand your reach and enhance your brand's image.
- **Corporate Social Responsibility (CSR):** Contributing to educational initiatives positions your company as a key supporter of innovation, learning and youth development



# Contact

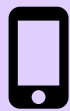
## IN-CHARGE, IT CELL



**PROF. VISHAL DHABALIA**  
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**PROF. PRAJAKTA KOTKAR**  
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## STUDENT CO - ORDINATORS



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# About Us

The Raisoni Group, a leading educational network in Central India, has a rich history of nurturing future leaders across various disciplines. Established in 1998 with the founding of G H Raisoni College of Engineering in Nagpur, the Group has steadily expanded to include 19 institutes and 4 universities across six cities: Nagpur, Jalgaon, Pune, Amravati, Pandhurna, and Bhandara.

What sets the Raisoni Group of Institutions (RGI) apart is our innovative approach at every step towards success. We provide practical oriented education combined with a strong academic focus, specifically developed to meet industry needs. Since the beginning of our journey, our motto has been “The Vision Beyond.” This motto invites students to interpret it in their own way. It may symbolize a vision beyond sight, guiding them to achieve distant goals, or a vision beyond dreams, motivating them to work diligently toward limitless possibilities. Ultimately, it embodies a vision beyond excellence, empowering them with the power of knowledge.

Join us and embark on a journey that inspires at every step and gives the wings to soar to new heights.

# OUR SPONSORS





— R A I S O N I   T E C H —  
**HACKATHON**  
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