

Report on Internal Hackathon for Smart India Hackathon 2025

Date: 29th September, 2025

Time: 6:00pm to 7:00pm

Event Format: Online (Google meet platform)

Number of Teams participated: 2

Participants per Team: 6

The Internal Hackathon for Smart India Hackathon, organised by R. A. Podar College of Commerce and Economics, aimed to encourage innovative problem-solving and provide students with a platform to showcase their technical skills. Conducted online, this hackathon saw the enthusiastic participation of 2 teams, each consisting of 6 members.

The primary goal of the event was to nominate the teams for the Smart India Hackathon. Teams were tasked with addressing real-world problem statements given by various organisations on Smart India Hackathon Platform, fostering creativity, critical thinking, and teamwork. The jury team consisted of three faculties Dr. Pradhnya Wankhade, Mr Vahid Kapadia, Mr. Shantanu Gadade moderated the internal hackathon who is also the current college SPOC for Smart India Hackathon.

The event successfully concluded with teams presenting their projects, receiving valuable feedback from the judges, and gaining insights into areas for improvement. This internal hackathon was a great precursor to the Smart India Hackathon, building the confidence and skill set of the students involved. Out of 2 teams, 1 team was selected for the official Smart India Hackathon.

Banner for Internal Hackathon

Ministry of Education
Government of India

MoE's INNOVATION CELL
(GOVERNMENT OF INDIA)

SMART INDIA HACKATHON 2025

R. A. Podar College of Commerce and Economics (Autonomous)

Conducting Internal Hackathon for SIH 2025

Monday, 29th September, 2025 | 6 PM Onwards

Institute Level Hackathon for Smart India Hackathon 2025
Online Internal Hackathon

www.rapodar.ac.in

Screenshots of Online Internal Hackathon:

SMART INDIA HACKATHON 2025

- **Problem Statement ID** - 25193
- **Problem Statement Title** - Forecasting materials with machine learning for supply chain planning , procurement , and inventory optimization
- **Theme** - Smart Automation
- **PS Category** - Software
- **Team ID** -
- **Team Name (Registered on portal)** : Hack Mavericks

IDEA TITLE

Value Proposition

- Multilingual content for accessibility
- AR/VR immersive cultural experiences
- AI-powered personalized recommendations
- Centralized data to help make better policy decisions
- Primary Stakeholders for Govt Actions

Idea Solution

- An AI-powered, platform to promote Jharkhand's eco-tourism and cultural heritage, enhance tourist experiences, support local communities, and enable data-driven governance.
- AI itinerary planner & multilingual chatbot
- verification of guides, homestays & artisans
- AR/VR previews, interactive maps & real-time navigation
- Integrated marketplace for crafts, stays & events
- AI-driven feedback & analytics dashboard for tourism trends
- Boosts local economy, preserves culture, and ensures transparent tourism services

Problem Resolution

Jharkhand tourism lacks infrastructure, organized services, and global reach-causing low visibility and minimal local involvement

RESEARCH AND REFERENCES

Comparison with existing systems	Our website	Jharkhand Tourism website
AI itinerary planner & multilingual chatbot	✓	✗
Verification of guides, homestays & artisans	✓	✗
AR/VR cultural previews, immersive experience & navigation	✓	✗
AI Integrated marketplace (crafts, homestays, events, local products)	✓	✗
AI-driven feedback & analytics dashboard	✓	✗
Virtual Cash rewards for eco-actions	✓	✗
Centralized data for governance & policy-making	✓	✗
Empowerment of local communities & heritage preservation	✓	✗
Global reach & visibility	✓	✓

REFERENCE

1. https://tourism.jharkhand.gov.in/app-assets/rules_policy/policy.pdf
2. Jharkhand Tourism Policy 2021 (Govt PDF) — Department of Tourism, Jharkhand tourism.jharkhand.gov.in
3. India Tourism Statistics 2023 — Ministry of Tourism (includes state-wise data e.g. hotels in Jharkhand) <https://tourism.gov.in/sites/default/files/2024-02/India%20Tourism%20Statistics%202023-English.pdf>
4. Tourism Statistics and Growth Figures Year-wise of Jharkhand — IndiaStat page <https://www.indiastat.com/jharkhand-state/data/tourism>
5. Preparation of 20 Years Perspective Plan for the state of Jharkhand (PPF) <https://tourism.gov.in/sites/default/files/2024-03/Preparation%20of%2020%20Years%20Prospective%20Plan%20of%20the%20state%20of%20Jharkhand%20.pdf>

TECHNICAL APPROACH

Frontend

1. React 18 + TypeScript, Material-UI (MUI) Charts

Backend

2. Python, FastAPI, Livicon, Redis, Postgres

AI/ML Services

3. Scikit-Learn, XGBoost, TensorFlow, Pandas, NumPy, Scipy, Matplotlib, Jupyter

Deployment

4. Docker, Docker, AWS/DigitalOcean, Nginx

People

- Shantanu Gaidade (You) Meeting host
- 21 sahil katiyar
- 34 Aaryaman Rao
- 39 Tina Salker
- Aditya Nishad
- Bhoomi Jain
- Bhoomi Jain Presentation
- Kashish Katiyar
- Paal Patel
- Shikshya wankhade
- Riya Naidhure
- V K