**Aadim National Hackathon 2025 – "Open Innovation"** 🚀

◈ **Pre-Hackathon Phase: Baishakh -3 to Baishakh -4, 2082**
◈ **Hackathon Date: Baishakh 14 - Baishakh 16, 2082**
◈ **Theme: Open Innovation** (Solve real-world problems with technology)
◈ **Venue:** Aadim National College
◈ **Duration: 3 Days (Total 24 Hours, 6:00 AM - 2:00 PM each day)**
◈ **Participants: BSc CSIT, BCA, BBA, and IT students**
◈ **Team Size: 2-4 members**
◈ **Prizes:**

- 🥇 **1st Prize:** NPR 1**0,000** + Certificate
- 🥈 **2nd Prize:** NPR 5**,000** + Certificate
- 🥉 **3rd Prize:** NPR **3,000** + Certificate

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# 1. Objectives

☑ **Encourage students to develop tech-driven solutions for real-world challenges**
☑ **Foster collaboration, critical thinking, and hands-on coding experience**
☑ **Connect students with mentors, industry experts, and internship opportunities**

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# 2. Pre-Hackathon Phase (Baishakh -3, 2082)

◎ **Goal:** Prepare students with the right skills and mindset before the hackathon.

📌 **Activities:**
☑ **Baishakh -3 : Hackathon Orientation & Team Formation**

- **Introduction to the Hackathon** (Rules, Categories, and Expectations)
- **How to Form a Strong Team & Choose a Problem Statement**
- **Panel Discussion with Industry Experts**

☑ **Baishakh -4: Pre-Hackathon Workshops & Idea Validation**

- **Technical Workshops:**
  - Web & Mobile App Development
  - AI/ML & Data Science
  - Cybersecurity & Ethical Hacking

o   UI/UX & Design Thinking
- **Idea Validation Session**
  o   Participants present their initial ideas and get feedback from mentors.

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# 3. Hackathon Structure (Baishakh 14 - Baishakh 16, 2082)

## 🚀 Day 1: Hackathon Kickoff & Development (Baishakh 14, 6:00 AM - 2:00 PM)

### 🕰 Opening Ceremony (6:00 AM - 7:00 AM)

- Welcome Speech by **Principal & IT HOD**
- Introduction of **Judges & Mentors**
- Explanation of **Rules, Judging Criteria, and Project Categories**

### 📌 Project Categories (Examples):

1. AI & Automation
2. Cybersecurity & Data Protection
3. Web & Mobile App Development
4. IoT & Smart Solutions
5. FinTech & Business Innovations
6. Open Category (Any innovative idea)

### ⧗ Hacking Begins (7:00 AM - 2:00 PM)

- Teams start working on their projects.
- **Mentors assist teams** throughout the event.

### 🔍 Checkpoints & Mentorship (Every 4 Hours)

- Teams submit progress reports.
- **Mini-workshops on APIs, UI/UX, or Cloud Computing**

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## 💻 Day 2: Development & Refinement (Baishakh 15, 6:00 AM - 2:00 PM)

- Teams continue working on their projects.
- **Mid-Hackathon Progress Review** (Mentors give feedback and suggestions).
- **Code Debugging & UI/UX Testing** (Developers fine-tune their solutions).
- **Pitching Practice** (Teams refine their final presentations).

## 🏆 Day 3: Final Presentations & Judging (Baishakh 16, 6:00 AM - 2:00 PM)

### 🖥 Demo & Pitching (10:00 AM - 12:00 PM)

- Each team presents their project (5-10 minutes).
- Judges provide **Q&A and feedback**.

### 🎖 Judging Criteria:
✔ **Innovation & Creativity** (20%)
✔ **Technical Implementation** (25%)
✔ **Feasibility & Impact** (20%)
✔ **User Experience & Design** (15%)
✔ **Presentation & Communication** (20%)

### 🏆 Awards & Prizes (12:30 PM - 1:30 PM)

- 🥇 **1st Prize:** NPR **10,000** + Certificate
- 🥈 **2nd Prize:** NPR **5,000** + Certificate
- 🥉 **3rd Prize:** NPR **3,000** + Certificate
- 🎖 **Special Awards:** Best UI/UX, Best Cybersecurity Solution

### 🎤 Closing Ceremony (1:30 PM - 2:00 PM)

- Thank-you speech by **Organizers & Faculty**
- **Distribution of Certificates & Goodies**

# 4. Post-Hackathon Activities

### ☑ Follow-up & Networking

- Encourage students to continue improving their projects.
- Feature winners on **college website & social media**.

### ☑ Internship & Startup Opportunities

- Offer **internship placements** to top-performing students.

### ☑ Project Showcase

- Winning teams can present their projects to **potential investors**.

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# 5. Resources & Budget

⚐ **Technical Requirements:**

- Computers, Internet, Cloud services, APIs

🏅 **Prizes & Awards:**

- **Total Prize Money: NPR 18,000**
- Trophies, certificates, sponsorships

🍔 **Logistics & Refreshments:**

- Food, T-shirts, stickers, banners

🎙 **Speakers & Judges:**

- Industry experts, alumni, faculty members

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# 6. Sponsorship & Partnerships

To enhance the event, seek sponsorship from:

- **Tech Companies** (Himalayan Digital Solution, LogPoint Nepal, etc.)
- **Startups & IT Firms** (Internship & funding opportunities)
- **Cloud & Software Providers** (AWS, Google Cloud, etc.)

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# 7. Organizing Team

| Role | Responsibility |
|---|---|
| **Event Coordinator** | Manage event logistics and execution |
| **Tech Mentors** | Guide students during coding |
| **Marketing Team** | Handle promotions & outreach |
| **Logistics Team** | Manage venue, food, and equipment |

| Role | Responsibility |
|------|----------------|
| Judges | Evaluate projects and select winners |

## Conclusion

The **Aadim National Hackathon 2025** will provide a **platform for innovation, collaboration, and career growth** for students. 🚀