Official Proposal for Industry-Oriented IT Hackathon

Proposed To:

Head – Corporate Relations / Training & Placement
Sri Balaji College of Engineering & Technology
Via Dadi Ka Phatak, Benar Road,
Shankar Vihar Extension, Jamna Puri,
Jaipur, Rajasthan – 302013

Proposed By:

Dutt IT Solutions Pvt. Ltd.
Neemrana, Rajasthan

1. Introduction

This proposal presents a formal plan to conduct an **Industry-Oriented IT Hackathon** at **Sri Balaji College of Engineering & Technology, Jaipur**, with the objective of exposing students to **real-world IT challenges, industry expectations, and practical problem-solving environments**.

The proposed hackathon is designed to bridge the gap between **academic learning and industry requirements** by engaging students in hands-on activities aligned with

current technology trends, real client scenarios, and professional IT workflows. The initiative aims to enhance students' **technical competence, analytical thinking, teamwork, and employability**.

---

2. About Dutt IT Solutions Pvt. Ltd.

Dutt IT Solutions Pvt. Ltd. is a **government-approved startup** with a strong focus on **Artificial Intelligence (AI)–driven solutions**, headquartered in **Neemrana, Rajasthan**. The organization operates as a **centralized IT solutions company** and is **not a branch or subsidiary unit**.

The company delivers **end-to-end IT services** to **government and private organizations across India and abroad**, covering domains such as:

- Software & Application Development

- Web & Cloud-Based Platforms

- Cybersecurity (VAPT & Security Audits)

- AI & Data-Driven Solutions

- IT Infrastructure & Server Management

- Digital Transformation & Enterprise Systems

With extensive industry exposure, the Dutt IT Solutions technical team has **successfully deployed, managed, and supported over 200+ live client servers and production environments**, handling real-time traffic, security compliance, scalability, and mission-critical operations.

This experience provides deep insight into:

Mobile App Development | Web Development | DevOps Services | Computer Networking
Cyber Security Services | Artificial Intelligence (AI) Development | Data Analytics and Business Intelligence

🌐 **www.duttit.com**   📍 **FF-74, First Floor, Capital Galleria R-Tech, Neemrana, Rajasthan, India - 301705**
✉ **info@duttit.com**   📞 **+91 8619333672**

- What **clients actually expect from IT engineers and development teams**

- The **skills, tools, and technologies currently demanded by the industry**

- How students must **align their learning with real-world IT requirements**

Beyond solution delivery, the organization is actively committed to **industry-oriented skill development**, internships, live project exposure, and employment-focused training. The proposed hackathon reflects this mission—to provide engineering students with **direct exposure to real client problem statements and industry workflows**, enabling them to understand **what to learn, how to learn, and where to focus** in today's fast-evolving technology landscape.

3. Hackathon Overview

The proposed **Industry-Oriented IT Hackathon** will be conducted **on campus** and is intended for **3rd Year and 4th Year students** across **all streams and branches**, including but not limited to **B.Tech, BCA, and other technical or allied programs**.

The hackathon will follow a **team-based model** and focus on solving **industry-relevant challenges** under guided mentorship from experienced professionals.

- **Mode:** On-Campus

- **Duration:** 1–2 Days

- **Participation Type:** Team-Based

4. Hackathon Domains

Mobile App Development | Web Development | DevOps Services | Computer Networking
Cyber Security Services | Artificial Intelligence (AI) Development | Data Analytics and Business Intelligence

⊕ **www.duttit.com**   📍 **FF-74, First Floor, Capital Galleria R-Tech, Neemrana, Rajasthan, India - 301705**
✉ **info@duttit.com**   📞 **+91 8619333672**

4.1 VAPT (Vulnerability Assessment & Penetration Testing)

Participants will work in controlled, simulated environments to identify and analyze security vulnerabilities. The domain will introduce students to:

- Ethical hacking methodologies

- Common security threats and attack vectors

- Vulnerability identification and reporting

- Industry-standard cybersecurity tools and practices

4.2 Web Development

Participants will design and develop real-world web applications based on industry-defined problem statements, focusing on:

- UI/UX design principles

- Responsive and scalable architecture

- Performance optimization

- Security and best development practices

5. Student Benefits & Career Opportunities

Participation in the hackathon will provide students with both **technical exposure and career advantages**, including:

Mobile App Development | Web Development | DevOps Services | Computer Networking
Cyber Security Services | Artificial Intelligence (AI) Development | Data Analytics and Business Intelligence

www.duttit.com   FF-74, First Floor, Capital Galleria R-Tech, Neemrana, Rajasthan, India - 301705
info@duttit.com   +91 8619333672

- **Participation Certificates** for all registered students

- **Merit-Based Certificates** for successful and high-performing teams

- **Stipend-Based Internship Opportunities** for shortlisted students

- **Full-Time Employment Opportunities** for top-performing interns based on performance and organizational requirements

6. Eligibility & Participation Details

- **Eligible Students:** 3rd Year & 4th Year students from ALL streams and branches

- **Team Size:** 1–4 students per team

- **Mode:** On-Campus at Sri Balaji College of Engineering & Technology, Jaipur

- **Duration:** 1–2 Days

7. Technical Infrastructure Requirements (Server & Network)

To ensure smooth execution of the hackathon, particularly for VAPT and Web Development activities, a suitable server and network environment will be required.

- If the **college provides the server infrastructure**, the **Dutt IT Solutions technical team** will handle complete configuration, deployment, and management.

Mobile App Development | Web Development | DevOps Services | Computer Networking
Cyber Security Services | Artificial Intelligence (AI) Development | Data Analytics and Business Intelligence

www.duttit.com   FF-74, First Floor, Capital Galleria R-Tech, Neemrana, Rajasthan, India - 301705
info@duttit.com   +91 8619333672

- If the **server infrastructure is arranged by Dutt IT Solutions Pvt. Ltd.**, the college will be requested to provide **LAN/Wi-Fi internet connectivity** for uninterrupted operations during the event.

8. Objectives of the Hackathon

- Bridge the gap between **academic education and industry expectations**

- Provide students with **hands-on exposure to real-world IT challenges**

- Promote innovation, teamwork, and analytical problem-solving

- Enhance **placement readiness and employability**

- Familiarize students with **current industry tools, technologies, and workflows**

9. Conclusion

Dutt IT Solutions Pvt. Ltd. looks forward to collaborating with **Sri Balaji College of Engineering & Technology, Jaipur**, to successfully conduct this **Industry-Oriented IT Hackathon**. We believe this initiative will significantly benefit students by offering practical exposure, industry insights, and meaningful career opportunities.

We respectfully request the institution's permission and support for conducting this event and would be pleased to present this proposal in detail through a meeting or presentation at your convenience.

Mobile App Development | Web Development | DevOps Services | Computer Networking
Cyber Security Services | Artificial Intelligence (AI) Development | Data Analytics and Business Intelligence

www.duttit.com
info@duttit.com

FF-74, First Floor, Capital Galleria R-Tech, Neemrana, Rajasthan, India - 301705
+91 8619333672