FORMAL PROPOSAL

Establishment of Google Cloud Arcade 2026 Cohort

A strategic initiative to empower students with Industry-Standard Cloud Computing & Generative AI skills at zero cost to the institution.

Generative AI   Cloud Infrastructure   Big Data   Kubernetes

◎ Objective

To integrate practical, hands-on cloud learning into the student curriculum through the **Google Cloud Arcade Program** (**Session Jan-July 2026**). This initiative aims to bridge the gap between academic theory and industry requirements.

Target Audience

Students from **BCA, B.Sc., and B.Tech** streams who demonstrate an aptitude for technology and a willingness to commit 3-5 hours per week for self-paced learning.

Strategic Value for the Institute

✴ Accreditation

Students earn globally recognized skill badges that enhance the institution's technical profile during audits/placements.

💵 Zero Cost

The program provides $200+ worth of monthly lab credits per student for FREE. No financial investment required.

🚀 Placement

Cloud skills are currently the #1 demand in IT. A verified portfolio increases hiring chances by 40%.

❝ Note from the Facilitator

"As a selected Mentor for this cohort, I will personally ensure that students stay on track. My goal is to help our college achieve the highest badge completion rate in the region."

- Pratipal Kumar Singh

Curriculum Matrix

The program is divided into monthly "Levels" or "Games". Each level focuses on a specific technology stack.

GenAI & Machine Learning

Vertex AI, Prompt Engineering, Gemini API Integration, Natural Language Processing.

Infrastructure & DevOps

Compute Engine, Cloud Storage, Load Balancing, IAM Security, Terraform.

Implementation Roadmap (Jan - July 2026)

Phase 1
Jan 10 - Jan 30

Awareness & Registration

Circulate "Showcase Docs" to students. Complete Google Forms registration. Verify Public Profiles.

Phase 2
Feb - March

Onboarding & Level 1

First set of labs released. Facilitator conducts a workshop to solve common errors. Initial badge earning begins.

Phase 3
April - June

Advanced Tracks & Trivia

Students move to complex GenAI projects. "Trivia" weeks allow for rapid point accumulation.

Phase 4
July

Closure & Rewards

Prize counter opens. Top performers redeem Swags. Final report submitted to HOD.

Resource Requirements

To execute this program successfully, we request the following support from the department:

- **Computer Lab Access:** Permission for students to use the lab for 1-2 hours/week for heavy practicals.
- **Official Communication:** Permission to circulate the registration links via official WhatsApp groups.

Ready to Launch?

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SCAN TO JOIN