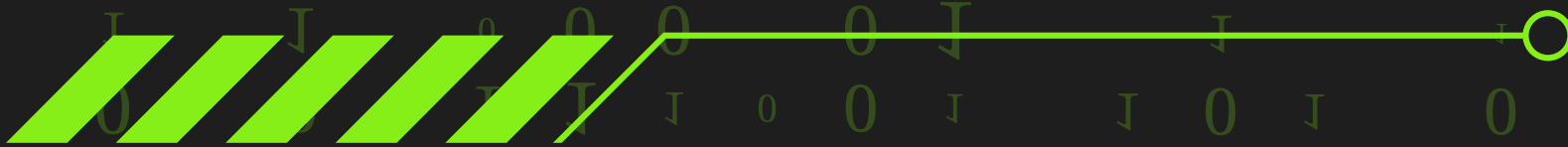




HACK + OPS⁰¹

Participant Guide Book



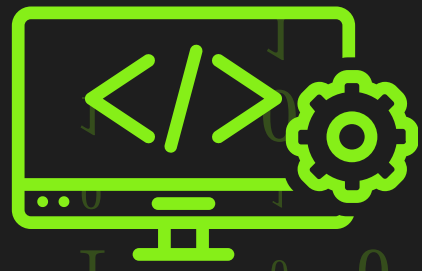
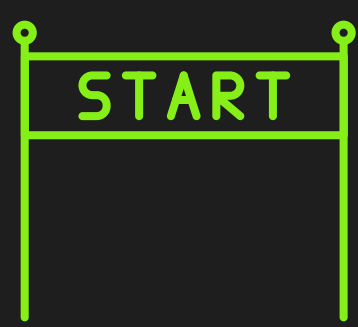
*Subject to minor changes

HACK + OPS⁰¹

Event Timeline

25th
April

Kickoff Session
ONLINE

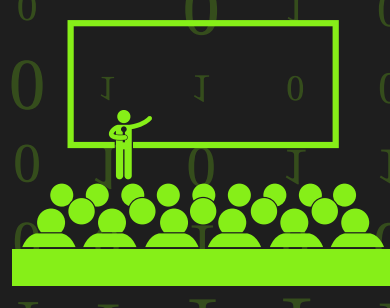


Implementation
Sprint
ONLINE

25th-29th
April

30th
April

Project
Presentation
ONSITE



HACK + OPS⁰¹

Rules & Guidelines



Open to all college/
Bachelors students.
(Graduates are ineligible)



Project can be existing
(incorporate DevOps
practices now) or build
something new.



Focus is not on the novelty
of idea, but how DevOps
practices are integrated.



Teams must implement post-
development DevOps pipelines
or workflows.

HACK + OPS⁰¹

Expected DevOps Practices

Teams should cover **at least 3-5** of the following DevOps practices:

- ✓ **Version control** (GitLab)
- ✓ **CI/CD pipelines** (Automated build/test/deploy pipeline)
- ✓ **Containerization** (Docker)
- ✓ **Infrastructure as Code** (e.g., Terraform, Ansible)
- ✓ **Monitoring & Logging** (Prometheus, Grafana, etc.)
- ✓ **Security Integrations** (SAST, DAST, Secrets Management)
- ✓ **Testing Automation** (Unit/integration tests automated in pipeline)
- ✓ **Deployment** (Cloud or simulated local)

HACK + OPS⁰¹

Submission Requirements

Teams must submit the following to proceed to final presentation round:



Project **GitHub repo with README**



DevOps pipeline setup in the repo (visible config files/scripts)



Pitch Deck (5-8 slides max)



2 min demo video

^all the above to be submitted **ONLINE** by Tuesday, **29th April 2025**



ONSITE Presentation on Wednesday, **30th April** for shortlisted teams (slots will be announced soon)

HACK + OPS⁰¹

tl;dr;

Teams will be evaluated on:

- **DevOps Practices** (listed above)
- **Technical Depth** (System Architecture and Deployment Environment)
- **Code and Documentation** (Code Quality and README)
- **Presentation and Communication**
- **Operational Mindset** (Incident Readiness & Resilience Thinking and Tradeoff Awareness)