

18-20 & 26-27 SEPT 2026 | MYSURU, KARNATAKA | RS 1,00,000+ PRIZES | TOP 50 ADVANCE TO PH2 | TEAM SIZE: 2-4 (NO SOLO)

SECTION 01 WHAT IS HACKMYSURU 1.0?

HackMysuru 1.0 is Mysuru's premier student hackathon designed to bridge the gap between classroom theory and real-world technology delivery. Organized by Rankbook Learning and Software Solutions in collaboration with industry partners, the event challenges students across Engineering, BCA, B.Sc, MCA, and M.Tech programs to build practical, functional digital products that solve genuine societal challenges.

OUR PHILOSOPHY: BUILD IT, DON'T JUST PITCH IT

We do not give points for flashy slide decks with no code behind them. We care about whether you truly understand the problem, why you chose to write your code a certain way, and whether your app actually works.

SECTION 02 HOW THE TWO PHASES WORK

HackMysuru 1.0 is structured into two complementary stages: a wide-reach, 72-hour online engineering challenge to build and defend an MVP, followed by an elite 24-hour on-site hackathon in Mysuru for the Top 50 qualifying teams.

PHASE 1 (ONLINE) 18-20 SEPT 2026

Open Build Challenge

72-Hour Continuous Challenge | Remote (College/Home)

- **One Common Civic Problem:** All registered teams tackle a unified Mysuru civic governance challenge released at launch.
- **Exact 72-Hour Build Timer:** Starts 18 Sept 00:00 IST and ends 20 Sept 23:59 IST. Continuous git commit velocity required.
- **Six Mandatory Deliverables:** Public GitHub repo, resource.md index, live MVP demo, 10-min video, 1-page Decision Log, & slide deck.
- **Progression Gates:** Gate 1 screening & Gate 2 technical evaluation. Top 50 qualifying teams advance to Phase 2.
- **Participation Scale:** Open to all registered student teams (2 to 4 members per team; Rs 999 fee covers both phases).

PHASE 2 (ON-SITE) 26-27 SEPT 2026

Grand 24-Hour Hackathon

24-Hour Physical Overnight Sprint | Campus in Mysuru

- **Top 50 Finalist Teams:** Elite qualifiers from Phase 1. ZERO extra entry fee (fully covered by initial registration).
- **4 Industrial Problem Statements:** Secret enterprise & deep-tech problem statements revealed at 10:00 AM on-site opening.
- **3 Milestone Checkpoints:** In-person reviews with senior industry mentors at 1:00 PM, 7:00 PM, and 9:00 AM next morning.
- **Top 10 Stage Pitches:** Top 10 teams pitch on the main auditorium stage to corporate jury. 7m demo + 3m defense.
- **Prizes & Corporate Hiring:** Rs 1,00,000+ cash prize pool, trophies, and fast-track interviews with tech partners.

HOW ADVANCEMENT WORKS | QUALIFICATION TIMELINE

On 24 September 2026, all Phase 1 submissions are reviewed by the screening and judging committee. The Top 50 teams will see their qualification status unlocked on their Team Dashboard and receive an official on-site onboarding kit. Individual teammates do not need separate accounts.

TOP 50 TEAMS ADVANCE

SECTION 03

YOUR JOURNEY STEP-BY-STEP (ROADMAP)

01 Team Registration Closes: 17 September 2026 (23:59 IST)
Sign up online with 2 to 4 student members. Pay Rs 999 fee (covers entire team for both phases) and finalize team roster.

02 Phase 1 Starts: 18 September 2026 (00:00 IST)
The official problem statement is unlocked on your team dashboard. You have an exact 72-hour continuous build window.

03 Phase 1 Submission Freeze: 20 September 2026 (23:59 IST)
Push source code, decision log, demo video link, and README to your GitHub repo. Repositories lock at 23:59 IST sharp.

04 Gate 1 & Gate 2 Evaluation: 21-23 September 2026
Screening reviewers inspect commit authenticity and repo structure. Judges score the decision log, code, and working MVP.

05 Top 50 Qualification Announcement: 24 September 2026
Top 50 qualifying teams are announced and receive their travel, venue, and onboarding kits for the on-site Grand Hackathon.

06 Grand Hackathon & Awards: 26-27 September 2026
24 hours on-site in Mysuru. Plan, build, and pitch live in front of the jury, showcase your code, and win from Rs 1L+ prizes.

SECTION 04

PHASE 1: 72-HOUR OPEN BUILD & CITY CHALLENGE

THE GROUND SITUATION: CIVIC GOVERNANCE & SPLIT RESPONSIBILITY

Mysuru handles hundreds of tonnes of city maintenance work daily - potholes, blocked drains, garbage overflow, and broken streetlights. Responsibility is split across Mysuru City Corporation (MCC), Town Panchayats, and Gram Panchayats. Complaints bounce between offices or get ignored. Citizens report informally with no clear audit trail, and trust is broken.

Your mission: Build a working software product that genuinely unifies this journey for citizens and civic staff.

LOCK: THE FULL PROBLEM STATEMENT RELEASES ON 18 SEPTEMBER 2026 (00:00 IST)

Exact sub-problems, evaluation constraints, and synthetic datasets unlock simultaneously on your Team Dashboard at hackmysuru.com when Phase 1 opens. No code may be written prior to 18 September 00:00 IST.

PHASE 1 DELIVERABLES CHECKLIST (DUE SEPT 20, 2026 @ 23:59 IST | 72-HOUR BUILD)

1. PUBLIC GITHUB REPOSITORY
Clean source code in src/ with a verifiable 72-hour commit history showing teamwork.

2. CENTRAL INDEX (resource.md)
Mandatory landing file at repo root with live links, video chapters, and SHA-256 hashes.

3. LIVE WORKING MVP DEMO
Publicly hosted web app, PWA, or testable mobile APK URL that reviewers evaluate live.

4. 10-MIN WALKTHROUGH VIDEO
Continuous MP4 on Google Drive: Pitch + Bad-Input & Offline Tests + Code Walkthrough.

5. 1-PAGE DECISION LOG (PDF)
1-page PDF (<TeamID>_decision-log.pdf) on Google Drive defending trade-offs (25% weight).

6. 10-SLIDE PRESENTATION DECK
Max 10-slide PDF (<TeamID>_presentation.pdf) on Google Drive summarizing architecture (5%).

CRITICAL PHASE 1 SUBMISSION RULES:

- Repositories must be made PUBLIC before 20 September 23:59 IST with active commit history.
- Do NOT commit heavy video/PDFs to GitHub; upload to Google Drive and link in resource.md with SHA-256.
- **You retain 100% full intellectual property ownership of your source code, architecture, and product.**

SECTION 05

PHASE 1 SUBMISSION PROCESS & REPOSITORY BLUEPRINT

HOW TO GET THE STARTER CODE: USE THE OFFICIAL GITHUB TEMPLATE

Do NOT start with an empty repository. Visit: https://github.com/Rankbook-org/hackmysuru-submission-template

Click 'Use this template' -> 'Create a new repository' -> Set name to <TeamID>-submission -> Set visibility to Public.

```
# Required GitHub Repository Hierarchy
<TeamID>-submission/
 |-- .gitignore
 |-- README.md                  # Project overview, tech stack, and navigation hub
 |-- resource.md                # * MANDATORY: Central landing file with all links & hashes
 |-- ai.md                      # AI usage disclosure (development & runtime)
 |-- docs/                      # Deep-dive technical documentation
 |   |-- architecture.md        # Diagram, components, data model, APIs, tech stack
 |   |-- constraints.md         # Defense against the 5 hard constraints
 |   |-- limitations.md         # Known gaps, edge cases, scaling roadmap
 |   +-- setup.md               # Local run instructions, env vars, offline testing
 |-- resource-templates/        # Decision log, presentation, and video recording checklists
 +-- src/                       # All application source code (no zipped binary drops)
```

REQUIRED README.MD ORDER (8 SECTIONS):

1. Problem Understanding & Sub-problem
2. Target Users & Mysuru Context
3. Solution Overview & Core Journey
4. Architecture (points to docs/)
5. Tech Stack & AI Usage (ai.md)
6. Decision Log Summary + Link
7. Setup & Run (points to docs/)
8. Known Limitations & Roadmap

SECTION 06

THE 10-MINUTE VIDEO RULE (GOOGLE DRIVE UPLOAD ONLY)

Max 10:00 continuous MP4 uploaded to Google Drive. Every registered member must speak. Do NOT commit video to Git.

TIME	SEGMENT	WHAT YOU MUST SHOW / SAY LIVE ON CAMERA
00:00 - 00:20	**Hook & Problem**	Team ID, selected sub-problem, and real Mysuru civic scenario.
00:20 - 00:40	**Who It's For**	Primary personas (citizens, staff) and real constraints (network, language).
00:40 - 01:50	**Live Core Flow**	Running app demo: Citizen reports -> system routes/scores -> staff takes action.
01:50 - 02:30	**Bad-Input Test**	Submit duplicate report, fake photo, impossible location, or abusive text live.
02:30 - 03:00	**Offline Mode Test**	Turn on airplane mode / DevTools Offline on camera, queue action, reconnect, sync.
03:00 - 04:30	**Architecture**	Walk through docs/architecture.md: clients, API, database, routing engine.
04:30 - 05:30	**Data Model & APIs**	Open schema/models file. Explain key entities, relationships, and 2-3 endpoints.
05:30 - 07:30	**Core Logic Walkthrough**	Open core logic file in IDE (routing, deduplication, scoring) and explain line-by-line.
07:30 - 08:30	**Decisions & Trade-offs**	Approach chosen, rejected alternative, and cost accepted (matches Decision Log).
08:30 - 09:15	**Scale & City Limits**	What breaks first at full city scale (65+ wards, Dasara traffic) and planned fix.
09:15 - 10:00	**AI Usage Disclosure**	Walk through ai.md. Open one AI-assisted file and explain manual edits/checks.

SINGLE SUBMISSION PROTOCOL FOR VIDEO & PDF ARTIFACTS:

1. Upload video (<TeamID>_video.mp4), Decision Log (PDF), and Presentation (PDF) to Google Drive.
2. Set sharing permission to 'Anyone with the link can view' (test link in an incognito window).
3. **Paste the share link, video chapter timestamps, and the first 16 chars of SHA-256 hash into resource.md.**

Reviewers access all artifacts directly from resource.md. No Google Forms or external portals used.

SECTION 07

THE DECISION LOG (HEAVIEST WEIGHT: 25% OF TOTAL SCORE)

The Decision Log proves you are an engineer who reasons about trade-offs, not just someone copying boilerplate code.

Format: Strictly 1-page PDF, A4, >= 10 pt font, 400-550 words (<TeamID>_decision-log.pdf uploaded to Google Drive & linked in resource.md).

Q1. WHAT APPROACH DID WE TAKE, AND WHAT DID WE REJECT? (~150 words)

Summarize your chosen technical approach in one clear line (inputs -> logic -> output). Name one alternative approach you seriously considered and explicitly chose NOT to build, explaining why it looked attractive at

Q2. WHY DID WE REJECT IT? WHAT WAS THE TRADE-OFF? (~150 words)

Compare both approaches across 3-4 dimensions (spam resistance, offline resilience, build complexity in 72h). Name the specific cost or downside you knowingly accepted (e.g. 'clustering takes 200ms longer').

Q3. WHAT BREAKS AT THE SCALE OF ALL OF MYSURU? (~150 words)

Assume 65 MCC wards, adjacent Panchayats, thousands of reports daily, and Dasara traffic spikes. State the FIRST thing that will break with estimated numbers/scans, and the exact architectural change you would make

CAUTION: A team that can only describe what they built, but cannot defend why they chose it over alternatives, will score poorly.

SECTION 08

EVALUATION & SCORING RUBRICS

Judging at HackMysuru 1.0 is objective, transparent, and code-first. Here is the exact scoring breakdown used.

GATE 1 - SCREENING (PASS / FAIL)

Reviewers inspect repo structure, resource.md, confirm video link, verify working code runs, and audit 72-hour commit history.

GATE 2 - TECHNICAL SCORING (100 PTS)

Evaluated by industry reviewers across the 6 weighted criteria below.

50% of your score comes from explaining your build & decisions.

PHASE 1 QUALIFYING RUBRIC (ONLINE) - TOP 50 ADVANCE TO PHASE 2

EVALUATION CRITERIA	WEIGHT
Decision Log (Quality of reasoning, trade-offs, and scaling awareness)	**25%**
Code & Architecture Walkthrough (Understanding your own build out loud)	**25%**
Working Product / MVP (Does it actually function as claimed in demo video)	**20%**
Problem Understanding & Originality (Tackling real civic pain points in Mysuru)	**15%**
Evidence of Iterative Work (Verifiable 72-hour commit history on GitHub)	**10%**
Presentation Clarity (Concise 10-slide deck and structured communication)	**5%**
TOTAL PHASE 1 EVALUATION SCORE	**100%**

HOW SCORES ARE USED FOR ADVANCEMENT:

- Gate 1 screening is performed within 24 hours of submission freeze (21 September).
- Gate 2 technical reviews are independently conducted by two senior engineers from tech industry partners.
- Normalized scores determine the Top 50 teams who qualify for Phase 2 Grand Hackathon in Mysuru.

SECTION 09

PHASE 2: GRAND 24-HOUR ON-SITE HACKATHON (DEEP DIVE)

For the Top 50 qualified teams, HackMysuru moves from the screen into the physical arena. Held on-site at a premier campus venue in Mysuru on 26-27 September 2026, Phase 2 is an adrenaline-packed, 24-hour physical sprint to build and pitch.

24 HOURS NON-STOP
10:00 AM 26 Sept - Auditorium Finale 27 Sept

ON-SITE IN MYSURU
Campus workstations, leased WiFi, power bays

RS 0 ADDITIONAL FEE
Fully covered by Rs 999 initial team fee

RS 1L+ PRIZES
Cash prizes, trophies, corporate hiring fast-track

4 LIVE INDUSTRIAL PROBLEM STATEMENTS (REVEALED 26 SEPT @ 10:00 AM ON-SITE)

Unlike Phase 1 (single civic prompt), Phase 2 releases 4 distinct enterprise problem statements across AI & Intelligent Automation, Smart Infrastructure & Mobility, FinTech & Public Trust, and Enterprise Deep-Tech. Each team selects one.

THE THREE MANDATORY IN-PERSON MILESTONE CHECKPOINTS:

CHECKPOINT 01 DAY 1 | 1:00 PM

Solution Proposal & Architecture

Mentors visit your bay to evaluate problem breakdown, persona journey, architecture diagram, DB schema plan, and chosen tech stack.

CHECKPOINT 02 DAY 1 | 7:00 PM

Mid-Sprint Progress & Working Flow

Demonstrate working prototype showing live data flow, UI/UX screens, active database/API connections, and core features. Unblock tough bugs.

CHECKPOINT 03 DAY 2 | 9:00 AM

Final Build & Submission Freeze

Complete source code pushed to GitHub, live deployment tested, and final 8-slide presentation submitted. Scores tallied; Top 10 shortlisted for main stage.

OVERNIGHT SPRINT & FLOATING MENTORS (7:30 PM - 6:00 AM)

The hackathon floor enters deep focus mode. Senior software architects and domain mentors circulate among tables to unblock API throttling, database indexing, deployment issues, and pitch preparation throughout the night.

Included 24/7 on floor: Hot coffee, tea, midnight refreshments, leased-line WiFi, quiet rest lounges & campus security.

TOP 10 GRAND STAGE AUDITORIUM PITCHES (DAY 2, 10:00 AM ONWARDS):

PART A: 7-MINUTE PRODUCT PITCH

- Present your working product live on stage.
- Walk the jury through real end-to-end workflows.
- Highlight architectural choices made in 24 hours.
- No slide reading or mocks - real working code only.

PART B: 3-MINUTE JURY TECHNICAL Q&A

- Tough interrogation from enterprise CTOs & jury.
- Defend database scaling, caching, & concurrency.
- Address edge cases, security, & failure modes.
- Demonstrates genuine deep understanding.

WHAT WE PROVIDE ON-SITE:

- Dedicated team workstation with power hub
- Dual-band leased-line high-speed WiFi
- 3 full hot meals (Lunch, Dinner, Breakfast)
- 24/7 tea, coffee, snacks & midnight meals
- Dedicated quiet rest lounges (male & female)
- Rankbook corporate placement lounge access
- Participation certificates & mentor networking
- 24/7 on-campus security & medical first-aid

WHAT TEAMS MUST BRING:

- Laptops with development tools pre-installed
- Laptop chargers and power adapters
- Multi-plug spike buster extension board
- Original College Student ID & Govt ID
- Secondary mobile hotspot / backup connection
- Personal toiletries & overnight clothing
- Light jacket/hoodie for air-conditioned halls
- Hardware/sensors (if building IoT solutions)

SECTION 10

RULES STUDENTS ACTUALLY ASK ABOUT

TEAM SIZE & COMPOSITION

Teams must consist of 2 to 4 eligible students. Solo participation is strictly not permitted. Cross-college and cross-year teams are 100% welcome. Individual members do not need separate accounts; Team Leader manages roster.

AI TOOLS 100% PERMITTED

ChatGPT, GitHub Copilot, v0, Claude, Cursor, and open-source models are allowed. You must disclose their use in README.md and be able to explain how the code works during the video and jury Q&A.

INTELLECTUAL PROPERTY RIGHTS

You own 100% of what you build. Neither Rankbook nor partners claim any ownership, equity, or licensing rights over your code, product, or ideas.

NO PRE-BUILT SOLUTIONS

Writing code specifically for the released challenge prior to 18 September (00:00 IST) is strictly prohibited. Public libraries, npm packages, and standard templates are allowed.

SECTION 11

FREQUENTLY ASKED QUESTIONS (FAQ)

Q: Can we register now and change teammates later?
Yes! You can register your team now with 2+ members to lock in your spot. You may finalize, edit, or swap teammates in your Team Dashboard anytime before September 17 (23:59 IST).

Q: Is there any additional fee if we qualify for Phase 2?
No. The Rs 999 registration fee is a one-time team fee that covers all phases, including the on-site Grand Hackathon, meals, mentor access, and finalist certificates.

Q: Where will Phase 2 take place and are food & stay provided?
Phase 2 takes place on-site at a premier campus in Mysuru on 26-27 September 2026. All 4 meals, refreshments, tea/coffee, midnight snacks, and dedicated quiet rest lounges are provided at no extra cost.

Q: Can we change our team members between Phase 1 and Phase 2?
No. The roster registered on your team dashboard locks on 17 September 2026 (23:59 IST). The same verified student team represents your squad in the Phase 2 Grand Hackathon.

Q: How are the 4 problem statements chosen in Phase 2?
The 4 industrial problem statements are unlocked during the opening ceremony at 10:00 AM on 26 September. Each qualifying team gets to choose whichever one aligns best with their engineering skills.

Q: What if our internet or demo link breaks near Phase 1 deadline?
Contact Tech Support immediately (tech@rankbook.in | +91 86600 72932). A short grace window is considered only for verified technical issues on our end.

Q: How and where do we submit our 10-minute demo video?
Upload your continuous 10-minute video to Google Drive, set sharing permission to 'Anyone with the link can view', and paste the share link + SHA-256 hash into resource.md in your GitHub repo. Do NOT commit video files to Git.

ORGANIZER & TECH SUPPORT CONTACTS

Have questions or need technical support during Phase 1 or Phase 2? Reach out to our dedicated team:

- **General Queries & Registration:** care@rankbook.in | +91 99169 29545
- **Technical Issues & Submissions:** tech@rankbook.in | +91 86600 72932
- **Official Portal & Dashboard:** https://hackmysuru.com
- **Organizing Body:** Rankbook Learning and Software Solutions Pvt. Ltd., Mysuru, Karnataka

REGISTRATION CLOSES 17 SEPTEMBER 2026 (23:59 IST) | SECURE YOUR TEAM SPOT NOW

Visit https://hackmysuru.com/register to create your team account and reserve your slot.

All registered squads receive mentor support and access to the locked city problem statement at launch.