



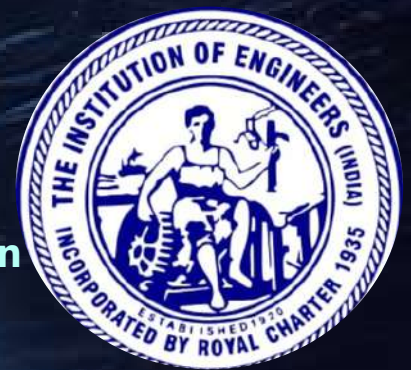
RAMCO INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University

Accredited by NAAC With Grade A+ & An ISO 9001: 2015 Certified Institution

NBA Accredited UG Programs: CSE, EEE, ECE, MECH and CIVIL



Department of Information Technology

Presents

INFINIX'26

CREATE . INNOVATE . ELEVATE.

32 HOURS

NATIONAL LEVEL HACKATHON

◆ 32 Hours Non-Stop Building

◆ 6 Cutting-Edge Domains

◆ Open to All Tech Innovators & Problem Solvers

◆ Sep 10 – 11, 2026

Sponsored by:



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DEPARTMENT OF IT



RIT-IT-DEPT



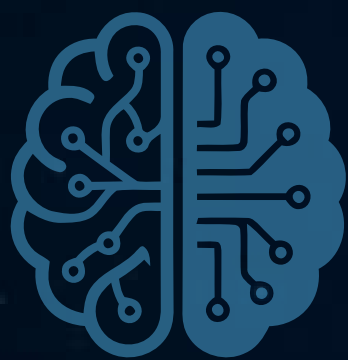
RIT -Department of IT



ABOUT INFINIX'26

INFINIX'26 IS A 32-HOUR NATIONAL LEVEL HACKATHON ORGANIZED BY THE IE CLUB IN COLLABORATION WITH UNSTOP AT RAMCO INSTITUTE OF TECHNOLOGY. IT BRINGS TOGETHER PASSIONATE INNOVATORS FROM ACROSS INDIA TO DEVELOP IMPACTFUL SOLUTIONS FOR REAL-WORLD CHALLENGES, FOSTERING CREATIVITY, TEAMWORK, TECHNICAL EXCELLENCE, AND INNOVATION IN EMERGING TECHNOLOGIES.

HACKATHON DOMAINS



SMART
INTELLIGENCE
(AI&ML)



CLOUD
COMPUTING
& DEVOPS



HEALTHCARE,
BIOTECHNOLOGY
& MEDTECH



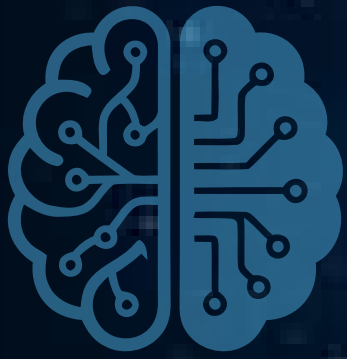
OPEN
INNOVATION



CYBER
SECURITY



FINTECH



Smart Intelligence (AI & ML)

Focused on harnessing artificial intelligence, machine learning, deep learning, and computer vision to solve complex challenges. Participants can build predictive models, intelligent automation workflows, advanced natural language processing (NLP) applications, or computer vision tools that address real-world needs across various industries



Cloud Computing & DevOps

Centering on modern software architecture, infrastructure automation, and efficient deployment pipelines. This domain challenges teams to design scalable cloud-native applications, serverless architecture solutions, microservices, continuous integration/deployment (CI/CD) systems, and containerized environments.



Healthcare, Biotechnology & MedTech

Bridging technology and healthcare to improve patient care, medical diagnostics, and health accessibility. Teams can innovate in areas like remote patient monitoring, AI-assisted diagnostics, biomedical data analysis, electronic health records (EHR) management, and digital wellness tools.



Cybersecurity

Dedicated to securing digital systems, networks, and sensitive data against evolving threat vectors. Projects can encompass vulnerability assessment tools, threat detection platforms, secure communication protocols, identity management systems, blockchain applications, and privacy-focused software solutions.



FinTech (Financial Technology)

Focusing on transforming the financial sector through digital innovation. Participants can explore digital payments, automated fraud detection, personal finance management, algorithmic trading models, decentralized finance (DeFi), or AI-driven risk assessment tools.



Open Innovation

Open Innovation Designed for multidisciplinary solutions across engineering domains, encouraging cross-functional teams to solve real-world industry challenges using emerging hardware and software technologies.



Mechanical & Civil: Smart Automation Focused on transforming physical infrastructure, construction, and manufacturing through modern technology. Participants are encouraged to leverage robotics, IoT networks, smart sensors, autonomous drones, and Building Information Modeling (BIM) to optimize construction workflows, automate heavy machinery, improve structural health monitoring, and enhance site safety.



EEE & ECE: Energy Innovation & Smart Grid Centering on the future of power systems, sustainable energy integration, and smart electronics. This domain challenges teams to build intelligent energy management platforms, smart grid distribution algorithms, renewable energy storage solutions, microgrid controls, and energy-efficient hardware applications to power modern communities efficiently.

WIN BIG. WIN GLORY.

Beyond the thrill of building, substantial rewards await those who push the boundaries of what's possible.

TOTAL PRIZE POOL: ₹15,000



Champion (1st Place)

Prize Amount: ₹10,000

+Certificate, Internshi Opportunities

Goodies & Exciting Prizes



Runner Up (2nd Place)

Prize Amount: ₹5,000

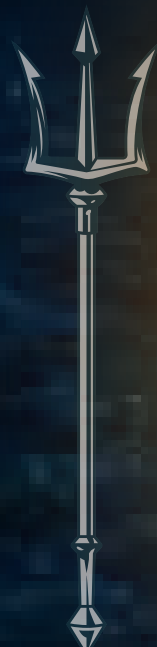
+Certificate, Internship Opportunities

Goodies & Exciting Prizes



2ND RUNNER UP (3RD PLACE)

GOODIES & EXCITING PRIZES



EVENT TRAJECTORY

Mark Your Calendar. Lock Your Code. Secure Your Legacy.

August 6, 2026 — Registration Opens

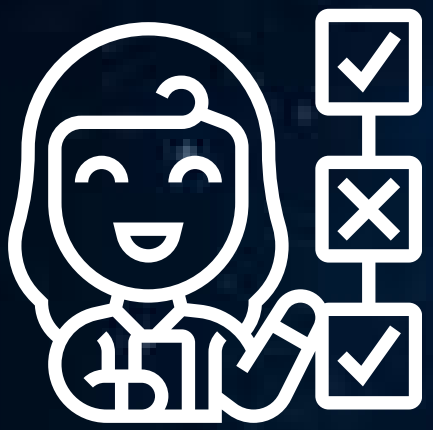
September 5, 2026 — Registration Closes

September 10, 09:00 AM — Inauguration starts

September 10, 10:30 am — Hackathon Starts

September 11, 3:00 pm — Prize Distribution

Winners crowned. ₹15,000+ prize pool, side quest rewards, and certificates distributed.



RULES OF ENGAGEMENT

Fair play, pure innovation. Every builder is expected to adhere to the core protocol.



Team Composition

Teams must consist of 3 to 5 members.
Cross-specialization is highly encouraged!



Gear & Equipment

Participants must bring their own laptops, chargers, extension cords, and any required personal accessories.



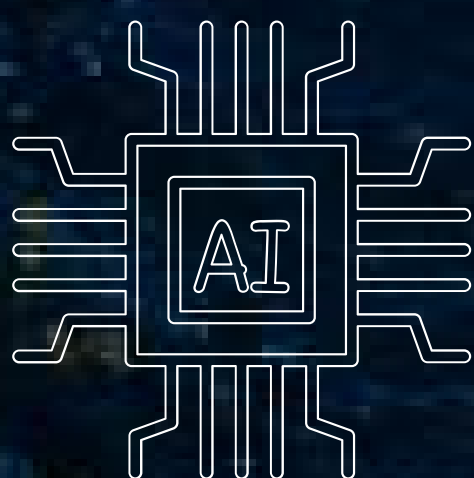
IoT & Hardware Requirements

On-site IoT hardware will not be provided. Teams incorporating hardware must bring their own components or utilize online IoT simulators (e.g., Wokwi, Tinkercad).



Fresh Code Only

All development, design, and building must take place strictly within the 32-hour duration. Pre-built projects or pre-existing codebases are strictly prohibited.



AI & Open-Source Tools

Use of AI coding assistants, open-source libraries, and third-party APIs is permitted; however, team members must be fully capable of explaining their core code and implementation to the judges.



Hackathon Code & Guidelines

Zero-Tolerance Plagiarism



Copying code, designs, or ideas from other participating teams will result in immediate disqualification.

Submission Deadline



All final submissions—including GitHub repository source code, presentation deck (PPT), and demo links—must be turned in before the official deadline.

Q.
A.

Live Evaluation & Q&A

Teams must be present at their assigned stations for the live project demonstration and judge Q&A session.



Final Authority

The decisions made by the judging panel and organizers are final, binding, and uncontestable.



Code of Conduct

Maintain professionalism, respect, and sportsmanship throughout the event. Any misconduct or unfair practices will lead to instant team disqualification.

Details:



INFINIX'26 | 32-Hours National Level Hackathon

Create • Innovate • Elevate. Join 500+ hackers in an immersive underwater arena.

vercel.app/



Infinix.itrit26@gmail.com

Faculty coordinator

Mrs. M.Rethina Kumari

Mrs. A.Alagulakshmi

Department IE Coordinator

Dr. G.Mareeswari

Student coordinator

Mr. Saravanakumar V

Mr. Suresh R

Ms. Saranya s

Ms. Krishnithi S

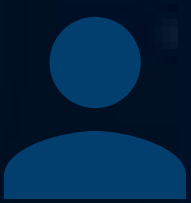
For Enquiries 6374895822



REGISTER NOW

REGISTRATION FEE

EVENT DEATILS



INTERNAL PARTICIPANTS

₹ 200

(PER PERSON)



VENUE

RAMCO INSTITUTE OF TECHNOLOGY



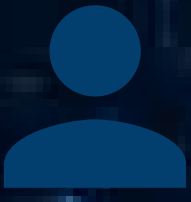
DURATION

32 HOURS



DATE

10TH & 11TH SEP2026



EXTERNAL PARTICIPANTS

₹ 350

(PER PERSON)



SCAN TO
REGISTER

