



COIMBATORE INSTITUTE OF TECHNOLOGY

GOVERNMENT AIDED AUTONOMOUS INSTITUTION

AFFILIATED TO ANNA UNIVERSITY, CHENNAI

DEPARTMENT OF COMPUTING

MSC., DATA SCIENCE

Presents



75K WORTH PRIZE POOL

1st Prize - ₹ 35,000

2nd Prize - ₹ 25,000

3rd Prize - ₹ 15,000

14th-15th MARCH

VENUE : COIMBATORE INSTITUTE OF TECHNOLOGY

JOIN US FOR A COSMIC EXPERIENCE UNLIKE ANY OTHER.

ABOUT CIT

Coimbatore Institute of Technology (CIT), established in 1956, is a reputed institution under the Government of Tamil Nadu. CIT is an autonomous institution since 1987 and is affiliated to Anna University, Chennai. The institute's alumni network and industry-aligned curriculum ensure bright career opportunities for students. CIT has a very active Alumni Connect, serving in key positions across the globe in multiple sectors, mentoring and motivating current students.

ABOUT DATATHON

DATATHON 2026 is a **national-level 24-hour hackathon**, an innovation marathon where creativity meets technology and ideas turn into impactful solutions. The event ignites innovation, encourages cross-disciplinary collaboration, and empowers young minds to solve real-world, industry-defined challenges through rapid ideation, development, and pitching in a high-energy environment.

Participants will present their solutions to a jury of experts and leaders from leading industries, gaining valuable insights, mentorship, and recognition.

ABOUT DATA SCIENCE

- M.Sc., Data Science is a two-year integrated program focused on data analytics and intelligent decision-making.
- It builds a strong foundation in computer science, statistics, and data engineering.
- Students learn to analyze large datasets using machine learning and analytical techniques.
- The curriculum emphasizes hands-on laboratory work and real-world case studies.
- Industry-relevant tools and technologies are integrated into learning.
- The program develops problem-solving, analytical, and innovation skills.
- Graduates are prepared for careers as Data Scientists, Data Analysts, Business Analysts, and ML Engineers.

EVENT OBJECTIVES

- To provide a platform for students to apply data science concepts to real-world problems
- To encourage innovation, creativity, and analytical thinking
- To promote teamwork, leadership, and problem-solving skills
- To bridge the gap between academia and industry through hands-on learning

WHO CAN PARTICIPATE ?

- Undergraduate and postgraduate students from recognized institutions. Students from all departments and disciplines are welcome to participate.
- Teams must consist of 2 - 4 members.
- Inter-college teams are allowed

EVENT HIGHLIGHTS

- 24-hour non-stop coding and innovation
- Industry-defined problem statements
- Mentorship from industry experts and faculty
- Final pitching session before an expert jury
- Exciting prizes and special awards
- Participation certificates for all teams

EVALUATION CRITERIA

Projects will be evaluated based on:

- Innovation and originality
- Technical implementation
- Problem understanding and solution approach
- Data usage and analysis
- Practical applicability and impact
- Presentation and pitching

DELIVERABLES

- Working prototype / model
- Source code and documentation
- Final presentation (PPT)
- Brief problem - solution summary

RULES & GUIDELINES

- Participants must carry a valid college ID
- Teams should adhere to the event timeline
- Plagiarism in any form will lead to disqualification
- Decision of the jury will be final
- Participants must follow the code of conduct of the institute

NOTE: Participants are expected to bring their own laptops and required accessories. Internet access and basic refreshments will be provided.

REGISTRATION DETAILS

- Registration Mode: Online
- **Registration Fee:** 300 each / Max 4 in a team
- Last Date to Register: 24th February 2026
- Confirmation: Teams will be informed via email

PARTICIPANT FACILITIES

- **14th March:** Lunch, Evening Refreshment, Dinner, and Night Refreshments
- **15th March:** Breakfast and Lunch
- **Participant kit** will be provided, including file, notepad, and pen
- Hands-on experience with real-world data problems
- Exposure to industry tools and technologies
- Networking opportunities with peers and professionals
- Certificates and prize money for participants
- Learning and recognition beyond the classroom

LAUNCH SEQUENCE

FEBRUARY 17th 2026

Registration Opens

Registration are open now for participants to enroll, secure spots, access updates, and begin their journey.

MARCH 14th 2026

Round 1 Evaluation

Round one evaluation assesses submissions for eligibility, quality, innovation, and adherence to stated guidelines.

FEBRUARY 24th 2026

Registration Closes

Registration closes on the mentioned date so participants finalize the enrollment, confirm details, and secure participation before the deadline.

MARCH 15th 2026

Round 2 Evaluation and Final Evaluation

Round two and final evaluation rigorously assess performance, improvements, and overall excellence to determine winners.

PROBLEM STATEMENTS

A total of 20 problem statements will be provided to participants across multiple domains.

EDUCATION / ROCKET LEARNING :

1. Develop a system for live classroom transcription with speaker diarization, which automatically generates and shares structured class notes with students for future reference.
2. Design an intelligent solution to monitor student behavior in classrooms, analyze attention span, and identify factors causing distraction to enhance learning outcomes.

HEALTHCARE :

3. Build a machine learning model to predict G2211 CPT codes for complex hospital visits to improve billing accuracy.
4. Develop an AI agent to web-scrape insurance websites to track new policy changes and provide real-time updates.
5. Create an agentic framework for healthy food and diet planning, using customer data as a hospital support bot.
6. Design an AI-driven deterministic decision-making system to recommend appropriate treatments and estimate associated billing costs.

CONTACT DETAILS

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**“CODE. CREATE. COMPETE.
INNOVATE.”**

**“24 HOURS. INFINITE
POSSIBILITIES.”**