



IDEA AND INNOVATION CELL.
(CODING DESIGN DEVELOPMENT X STARTUP & INNOVATION CELL)
PARALA MAHARAJA ENGINEERING COLLEGE



CODEKRITI 4.0



Event Brochure

THE DEEP-SEA EDITION

CODE KRITI

DIVE INTO THE DIGITAL DEPTHS

6th March - 7th March
2k26

*Code beyond the digital horizon, and unfold
the fabrics of space-time.
Lost in the blue, found in the binary.*

Welcome to the Depths

ORGANISING TEAM: IIC(CDD x SIC)

Dive into the core of innovation with the Idea & Innovation Cell (IIC) – a hub where curiosity meets code and ideas evolve into impactful solutions. At IIC, we go beyond conventional learning, creating a dynamic ecosystem where creativity, logic, and experimentation flow together like powerful ocean currents of progress.

Through hackathons, coding challenges, collaborative brainstorming sessions, and the exciting Ideathon Round, we transform bold concepts into tangible prototypes. From refining raw ideas beneath the surface to launching breakthrough innovations that make waves, IIC empowers students to explore, build, and lead.

Step into a space where innovation is nurtured, coding drives transformation, and every idea has the power to rise from imagination to reality.

ABOUT CODEKRITI 4.0

Prepare to dive deep as Code Kriti 4.0 takes you on an immersive journey into the digital depths of innovation, logic, and creativity! This year, we descend beyond the surface into a deep-sea spectacle of coding, problem-solving challenges, and the exciting Ideathon Round, where bold ideas rise from the ocean floor of imagination.

From algorithmic expeditions to intense debugging currents, from strategic thinking waves to breakthrough concepts in the Ideathon arena, Code Kriti 4.0 brings it all together. Gear up for an oceanic experience where only the sharpest minds will navigate through tides of logic, speed, and ingenuity.

Dive beyond the digital horizon and let the ultimate deep-sea innovation quest begin!

Event Description

DATE: 6TH MARCH

INNOVATION CHALLENGE - IDEA PITCH (INTRA-COLLEGE)

Dive into the depths of creativity and strategic thinking in this idea-driven innovation arena. The Ideathon challenges participants to transform raw concepts into structured, impactful solutions – where imagination meets practicality beneath the surface of real-world problems.

Participants must identify a clear problem statement, propose an innovative solution, and present their idea with logical clarity and feasibility. The focus lies not just on creativity, but on structured thinking, relevance, and real-world applicability.

Format: Present a well-defined problem statement along with a proposed innovative solution.

Rounds: Qualifier (Short Pitch) and Final (Detailed Presentation & Q&A).

Team Size: 2-3 members per team.

Entry Fee: ₹60/- per participant.

Evaluation: Problem understanding, originality of idea, feasibility, clarity of presentation, and practical impact.

Eligibility: PMEC undergraduate students



CODING, DESIGN AND DEVELOPMENT CLUB
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Event Description

DATE: 6TH MARCH

ALGORITHM-TO-CODE (INDIVIDUAL)

Dive solo into the depths of logic and precision in this individual coding expedition. Algorithm-to-Code tests your ability to transform structured thought into functional execution , where clarity meets control beneath the digital waves.

Participants must decode given algorithms or pseudocode and convert them into fully executable programs, navigating carefully through the currents of syntax and structure

Format: Convert algorithms/pseudocode into executable code.

Duration: 1.5 hours.

Entry Fee: ₹30/- per individual.

Evaluation: Accuracy of translation, syntax adherence, efficiency, and readability

Evaluation Criteria

Your code will be examined beneath the surface for:

- Accuracy of translation from logic to execution
- Strict adherence to syntax and best practices
- Efficiency in approach
- Readability and clean structuring of code

Eligibility: PMEC undergraduate students



CODING, DESIGN AND DEVELOPMENT CLUB
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Event Description

DATE: 7TH MARCH

DESIGNATHON

A UI/UX design competition where participants create a complete design solution for a given project prototype. Participants have full creative freedom to choose their own theme, color scheme, and design style.

Rules:

Time limit: 1.5 hours

Starting Point: Participants begin from scratch-no pre-made templates or existing work allowed.

Tools: Any AI or UI/UX design tool (e.g., Figma, Adobe XD, Sketch, Penpot, canva) is allowed.

Each participant gets 3-4 minutes for evaluation

Entry Fee: ₹60 per participant.

Date: 3rd March

Eligibility: PMEC undergraduate students

Event Description

DATE: 7TH MARCH

TECH MAZE (TEAM CHALLENGE):

Descend into the currents of logic, speed, and memory in this thrilling team-based expedition. Tech Maze is a multi-layered deep-sea challenge designed to test your analytical depth, coding instincts, and sharp recall under pressure.

Team Size: Exactly 3 members per team.

Entry Fee: ₹90/- per team.

Structure:

Round 1 (Byte Bash): Rapid-fire tech trivia followed by a memory quiz.

Round 2 (Sort the Stash): Arrange jumbled code snippets into a working block. Evaluated on control flow, syntax, and semantic accuracy.

Round 3 (Code Bee): A tricky code is displayed; the first team to state the correct output wins.

Event Description

DATE: 7TH MARCH

DEVXTREME - THE DEEP INNOVATION DIVE (HACKATHON)

All teams begin their journey by submitting a concise abstract defining:

The problem statement

The proposed idea and solution approach

Only the most promising concepts rise from this initial depth to advance further.

Tracks:

- Agriculture
- Fintech
- Edutech
- Healthcare
- Cybersecurity
- Open Innovation

The Innovation Currents – Round Structure
Qualified teams navigate through three intense layers of evaluation:

Round 1 - Ideation

Refine and articulate your concept with clarity and depth.

Round 2 - Development

Transform your vision into a working prototype beneath the pressure of time and precision.

Round 3 - Pitching & Evaluation

Present your solution to the panel and defend it through an interactive Q&A dive.

Solutions will be assessed on:

- Innovation and originality
- Technical approach / prototype quality
- Business potential
- Feasibility of execution
- Clarity and strength of final presentation

Team Size: 4-5 members per team

Entry Fee (PMEC Students):
₹400/-

Entry Fee (Outsiders):
₹500/-

REGISTER NOW



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