



PARALA MAHARAJA ENGINEERING COLLEGE,
BERHAMPUR, ODISHA

IDEA & INNOVATION CELL PRESENTS

CODING AWARENESS WORKSHOP

(6th September - 13th September 2025)

Learn to build apps, websites, and more
with hands-on tech skills for tomorrow.

Organized By,
Code Design &
development Club (CDD),
Startup & innovation cell,
PMEC, Berhampur

Join now ! and unlock your
potential .

**Secure Your
Seat Now!**
Register Now !!

**No fees for
Registration.**

+

Awareness
Today,
Innovation
Tomorrow !





ABOUT **Coding Awareness** **workshop**

The **Coding Awareness Workshop 2025**, organized by the **Coding Design and Development** (CDD) Club and **Startup and innovation cell** (SIC) under the **Idea & Innovation Cell**, is an **eight-day** hands-on event designed to educate and empower participants in various aspects of programming, technology, and career readiness

EVENT OVERVIEW

This workshop takes place from **6th to 13th September 2025**, blending both **offline** and **online** sessions. Each day spotlights critical technology topics including coding fundamentals, artificial intelligence, web and mobile development, cybersecurity, DevOps, and cloud computing. The schedule is crafted to guide attendees from foundational knowledge to advanced perspectives, with special sessions dedicated to essential professional skills and industry tools.

EVENT BACKGROUND

The Coding Awareness Workshop 2025 is designed to address the growing need for foundational and advanced coding skills among students, aspiring professionals, and future technologists.



Driven by rapid changes in technology and employment trends, coding has become a fundamental skill across industries, from software engineering to data science and AI. Many educational organizations and industry experts worldwide advocate coding literacy as a catalyst for innovation, career opportunities, and economic development. In response, the Coding Design and Development (CDD) Club aims to equip participants with practical knowledge of programming, cybersecurity, DevOps, cloud computing, and soft skills to better prepare them for the modern workforce.



PURPOSE & RATIONALE

of this workshop ...

To raise awareness and close skill gaps in computer science and software development.

To encourage broader participation including underrepresented groups – in technology and STEM fields.

To provide a platform for hands-on learning, real-world projects, and interaction with industry experts, ensuring a holistic approach to career preparedness.

To align with global education goals for coding and digital literacy, addressing the fast-paced evolution of tools and platforms needed to succeed in contemporary and future job markets.

This workshop is part of a larger movement aimed at democratizing technology education and bridging the gap between academic learning and practical industry requirements.



EVENT SCHEDULE

OFFLINE SESSION - 2:00 - 5:00 PM

ONLINE SESSION - 7:00 - 8:30 PM

6TH SEP 2024

INAUGURAL CEREMONY

- ✓ INAUGURAL ADDRESSED BY FACULTY INCHARGE
- ✓ LINKEDIN OPTIMISATION TIPS

OFFLINE SESSION

- ✓ OPERATING SYSTEM
- ✓ ENGINEERING ROADMAP
- ✓ EXPLORE ESSENTIAL DEVELOPER TOOLS

7TH SEP 2024

INTRODUCTION TO CODING

- ✓ PROGRAMMING LANGUAGE- HISTORY, USE AND APPLICATIONS
- ✓ PROGRAMMING IN C

ONLINE SESSION

- ✓ OOP: C++ & JAVA
- ✓ PYTHON : (WHY IT'S POPULAR AND VERSATILE)

8TH SEP 2024

INTRODUCTION TO WEB DEVELOPMENT & DESIGN

- ✓ FRONTEND DEVELOPMENT
- ✓ BACKEND DEVELOPMENT

ONLINE SESSION

- ✓ FULL-STACK DEVELOPMENT: SCOPE & OPPORTUNITIES
- ✓ INTRODUCTION TO DESIGN : UI/UX DESIGN AND TOOLS

9TH SEP 2024

DATA & AI HORIZONS

- ✓ DATA SCIENCE
- ✓ MACHINE LEARNING

ONLINE SESSION

- ✓ DATA ANALYTICS
- ✓ DEEP LEARNING

EVENT SCHEDULE

OFFLINE SESSION - 2:00 - 5:00 PM

ONLINE SESSION - 7:00 - 8:30 PM

10TH SEP 2024

MOBILE APP DEVELOPMENT OVERVIEW

- ✓ NATIVE ANDROID DEVELOPMENT : TOUR TO ANDROID STUDIO
- ✓ CROSS-PLATFORM DEVELOPMENT WITH REACT

ONLINE SESSION

- ✓ KOTLIN AND FRAMEWORKS AND LIBRARIES
- ✓ CAREER SCOPE: DISCUSSING JOB OPPORTUNITIES IN THE MOBILE INDUSTRY.

11TH SEP 2024

CYBERSECURITY & FUTURE OF AI

- ✓ CYBERSECURITY
- ✓ GENERATIVE AI

ONLINE SESSION

- ✓ ONLINE SAFETY
- ✓ AGENTIC AI

12TH SEP 2024

DEVOPS & CLOUD

- ✓ WHAT IS DEVOPS ?
- ✓ CI / CD PIPELINE

ONLINE SESSION

- ✓ INTRODUCTION TO CLOUD COMPUTING
- ✓ MAJOR CLOUD PLATFORMS OVERVIEW

13TH SEP 2024

CLOSING CEREMONY

- ✓ COMPUTER HARDWARES & IOT
- ✓ SOFT SKILLS WORKSHOP

OFFLINE SESSION

- ✓ FINAL RECAP QUIZ & Q/A SESSION
- ✓ VALEDICTORY CEREMONY & PRIZE DISTRIBUTION

Certification Criteria :

- Attendees must maintain at least 75% attendance throughout the event to receive certification.

MEET OUR WORKSHOP TUTOR



SWAGAT PRASAD NANDA

ALUMNI

TOPICS ON :

- ✓ ENGINEERING ROADMAP
- ✓ WEB DEVELOPMENT
- ✓ HARDWARE



OMKAR PADHY

SECRETARY

TOPICS ON :

- ✓ PROGRAMMING LANGUAGE
- ✓ GENERATIVE AI
- ✓ IOT



SUBHAM CHOUDHURY

Head coordinator

TOPICS ON :

- ✓ OPERATING SYSTEMS
- ✓ DEVOPS & IOT



SUBHASHREE PANDA

Head coordinator

TOPICS ON :

- ✓ DATA SCIENCE
- ✓ DATA ANALYTICS

OUR WORKSHOP TUTOR



BIKASH RANJAN HOTA

MANAGEMENT HEAD

TOPICS ON :

- ✓ MOBILE APP DEVELOPMENT
- ✓ CLOUD COMPUTING
- ✓ Essential Developer Tools



DEBASISH SAHU

PUBLIC RELATION

TOPICS ON :

- ✓ Machine Learning,
- ✓ Online Safety
- ✓ Soft Skills



SARTHAK MISHRA

COORDINATOR

TOPICS ON :

- ✓ MOBILE APP DEVELOPMENT
- ✓ CLOUD COMPUTING



ANISHA PARIDA

COORDINATOR

TOPICS ON :

- ✓ PROGRAMMING LANGUAGE (C,C++,JAVA,PYTHON) & OOP

OUR WORKSHOP TUTOR



BAIBHAV SAHU

CORE MEMBER

TOPICS ON :

- ✓ LINKEDIN OPTIMIZATION



CHHAYAKANTA DASH

CORE MEMBER

TOPICS ON :

- ✓ AGENTIC AI



PRANJAL PANDA

CORE MEMBER

TOPICS ON :

- ✓ DEEP LEARNING



SHUBHAM RANJAN SAHOO

SENIOR MEMBER

TOPICS ON :

- ✓ CYBERSECURITY

REGISTRATION FOR CODING AWARENESS WORKSHOP

Let's Learn Something
Amazing Together!



REGISTER
NOW

Registration link : <https://caw-2025.vercel.app>



YOU ARE MOST WELCOME !!!



cdd_club_pmec

<https://cdd-club-pmec.netlify.app>

cdd_pmec



JOIN OUR WHATS'APP

Coding Awareness Workshop 2025
WhatsApp group



JOIN OUR WHATSAPP
COMMUNITY BY SCAN IT !

IDEA &
INNOVATIVE CELL

CODING DESIGN
& DEVELOPMENT CLUB

ABOUT OUR CLUB

The Coding Design and Development Club (CDD Club) is a vibrant student-led community under the Idea & Innovation Cell, committed to inspiring and empowering future innovators through practical technology learning and collaborative project building.



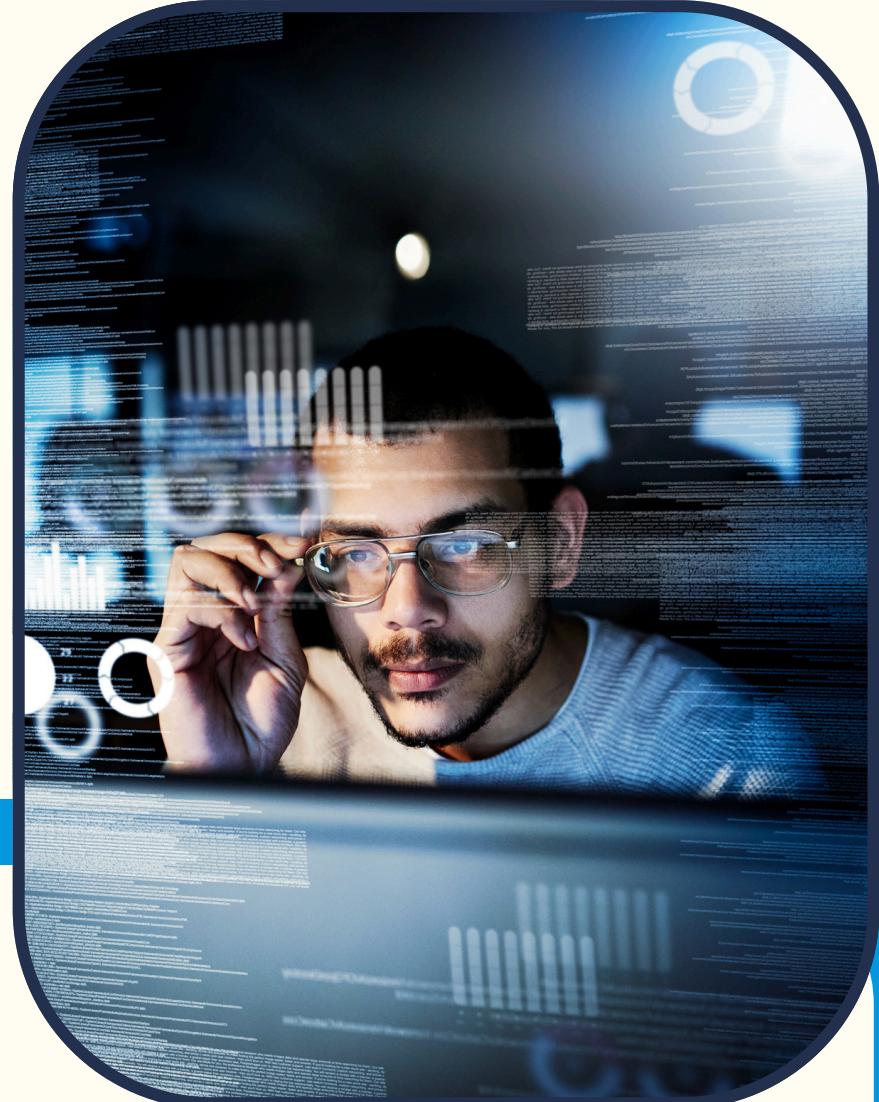
CODING, DESIGN &
DEVELOPMENT CLUB (CDD)

OUR MISSION

The club's mission is to nurture coding literacy, creative problem-solving, and a spirit of innovation among students of all backgrounds. By bridging theory with hands-on practice, we help members develop essential programming, app and web development, data science, cybersecurity, and design skills needed in today's fast-evolving digital landscape.

WHAT WE DO :

- Host regular workshops, seminars, and awareness programs in coding, development tools, and emerging tech trends.
- Organize hackathons, coding competitions, and interactive events that challenge participants to solve real-world problems.
- Mentor members through project showcases, group challenges, and guided sessions covering everything from basic programming concepts to advanced topics like AI, cloud, and DevOps.
- Facilitate opportunities for professional development, including networking, resume building, and skill-sharing initiatives.



AWARENESS TODAY,
INNOVATION
TOMORROW

JOIN NOW

WHY JOIN US?

Our club is a platform where learners collaborate, share ideas, and transform curiosity into real technical expertise. We celebrate diversity in experience and encourage every member—beginner or advanced—to participate, learn, and grow together. CDD Club members gain :

- Exposure to cutting-edge technologies and industry practices.
- Meaningful peer and mentor support.
- Opportunities to build portfolios through innovative projects and competitions.
- Preparation for future studies and careers in technology and engineering.

GET INVOLVED :

Whether interested in coding, design, app development, or simply exploring the world of technology, the CDD Club is the place to unlock potential and become a part of a community making a difference.



IDEA & INNOVATION CELL

THANK YOU FOR JOINING US!

We appreciate your enthusiasm and participation in the Coding Awareness Workshop 2025. By working together, we can build a stronger, more innovative community. Stay connected, keep learning, and let's continue shaping the future—one idea and one line of code at a time.



Together, we create.
Together, we inspire.