# SPACS CEC

College of Engineering Cherthala

## ANNUAL NEWSLETTER

2023 - 24

## A Year of Code, Creativity & Community

From Clash Code to Innospark - 9 events that built skills, confidence and teamwork.

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Clash Code | Logo & Poster Making | Web & Full Stack

Blind Coding | ENVISION | Da Vinci Code | Innospark

**STUDENTS PROGRAMMING ASSOCIATION OF COMPUTER SCIENCE**

**9 Events | 500+ Participants | Hands-on Workshops**

# Our Foundation

## DEPARTMENT VISION

To be a center of excellence in computer science and allied computing education, research, and innovation that nurtures competent professionals, fosters inclusive societal progress, and serves the needs of industry and the nation.

## DEPARTMENT MISSION

M1: Provide quality education in Computer Science, Artificial Intelligence, and Data Science through effective teaching and learning.

M2: Encourage innovation, creativity, and entrepreneurship to develop problem-solving and start-up skills.

M3: Develop professional ethics, social responsibility, and lifelong learning among students.

## PRINCIPAL'S MESSAGE

It gives me great pride to see SPACS CEC grow as a platform where students learn beyond the classroom. In 2023-24, our students organised debugging contests, design competitions, workshops and orientations with dedication and teamwork. Such initiatives build confidence, technical skill and leadership. I congratulate the SPACS team, faculty coordinators and volunteers.

**- Jaya V L**

Principal, College of Engineering Cherthala

# Message & Introduction

## HOD'S MESSAGE

Dept. of Computer Science & Engineering

SPACS is the heartbeat of our department's student activities.

In 2023-24, our students did not just attend events - they debugged code, designed logos and posters, built websites, coded blind, and launched the Innospark internship.

This learn-by-doing spirit is exactly what the industry needs.

I appreciate the faculty coordinators, senior students and volunteers who mentored first-year students so warmly. Let us continue to build a culture of curiosity, coding and collaboration.

**- Preetha Theresa**

Head of Department, Computer Science & Engineering

## INTRODUCTION

SPACS is dedicated to empowering computer science students by nurturing their programming and managerial skills, fostering an environment of growth and innovation.
We are delighted to present the report of events conducted by SPACS CEC volunteers - from technical workshops to cultural events and outreach programs.

Events in this issue: Clash Code, Logo Making, Poster Making, Web Development, Full Stack, Blind Coding, ENVISION, Da Vinci Code and Innospark.

**AT A GLANCE: 9 Events | 500+ Participants | 150 at ENVISION**

# Code & Creativity

## 1. CLASH CODE - DEBUGGING CHALLENGE

17 Nov 2023 | 2:30 PM - 4:05 PM | 25 Participants

Debugging challenge for CEC students. Enhanced critical thinking and analytical skills as participants identified and resolved coding issues, and applied theory to practical challenges.

## 2. LOGO MAKING COMPETITION

18 Jan 2024 | 2:30 PM - 4:05 PM | 25 Participants

Fostered creativity and design skills. Promoted practical application of visual communication principles, healthy competition, and teamwork.

## 3. POSTER MAKING COMPETITION

31 Jan 2024 | 2:30 PM - 4:05 PM | 25 Participants

Fostered creativity and artistic expression. Enhanced critical thinking and design skills, encouraging students to convey messages effectively through visuals and text.

## 4. WEB DEVELOPMENT WORKSHOP

22 Mar 2024 | 9:30 AM - 12:30 PM | SDPK Hall | 55 Participants | Host: Ebin Benny

Equipped participants to build and deploy a functional web application using modern technologies. Hands-on demonstrations of tools and frameworks.

# Build, Code & Explore

## 5. FULL STACK WORKSHOP

7 May 2024 | 10:00 AM - 4:00 PM | SDPK Hall | 60 Participants | Host: Ebin Benny

Equipped participants to build and deploy a functional full-stack application. Practical demonstrations of tools and frameworks for complete applications.

## 6. BLIND CODING COMPETITION

9 Aug 2024 | 1:00 PM - 2:00 PM | Computer Lab 4, CS Block | 25 Participants

Students proved their skills and showcased talent without seeing the questions in advance. Winners were rewarded with cash prizes.

## 7. ENVISION - ORIENTATION

30 Sep 2024 | 1:30 PM - 3:45 PM | College Auditorium | 150 Students

Orientation for first-year CS and AD students. Hosts: Vaikhashi A, Subin Mathew, Ashkar Ashraf. Students learned benefits of SPACS membership and necessity of programming, plus fun and games.

## 8. DA VINCI CODE - TREASURE HUNT

22 Oct 2024 | 2:30 PM - 4:05 PM | 25 First-Year Students

Treasure hunt for first-years. Fostered teamwork, collaboration, critical thinking and social interaction through fun challenges.

# Innospark & Thank You

## 9. INNOSPARK INAUGURATION

14 Jan 2025 | 4:00 PM - 6:30 PM | SDPK Hall | 86 Students

Internship inauguration hosted by Ms. Anitha. Speaker Mr. Joy Sebastian outlined the company's structured approach and steps for the internship.

The program aims to bridge the gap between education and industry.

It is the stepping stone towards more such opportunities.

### WHAT WE LEARNED THIS YEAR

- Debugging builds real problem-solving confidence
- Coding is best learned by building, not just watching

## THANK YOU

Thank you to our Principal, HOD, faculty coordinators, speakers, volunteers and every participant who made 2023-24 a memorable year for SPACS CEC.

## JOIN SPACS CEC

Are you a first-year or senior who wants to learn, teach, organise and build? Join SPACS CEC. Volunteer for events, mentor juniors, and be part of the next hackathon, workshop and internship.

**SPACS CEC | College of Engineering Cherthala**

Annual Newsletter 2023-24 | Made with love by SPACS Volunteers