

## C PROGRAMMING WORKSHOP

**Date:** February 17th and 18th, 2025

**Time:** 4:30 PM to 6:30 PM

**Venue:** CSE Dept Room No: 115

**No: of participants:** 46

**Speakers:** Gayathri Menon (S4 CSE), Aflah Muhammed P (S4 CSE), Angel Roy (S4 CSE)

**Coordinators:** Anugraha Jayakrishnan (S2 AEI), Adithyan B (S2 EEE)

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### Overview

The IET On Campus CET organized a two-day workshop on C Programming on 17<sup>th</sup> and 18<sup>th</sup> February, aimed at introducing students to the fundamentals of structured programming and problem-solving using the C language. The sessions combined theoretical concepts and hands-on practice, designed to enhance participants' understanding and practical application of C language. The sessions were led by Gayathri Menon, Aflah Muhammed P and Angel Roy.

### Objective

- Introduce fundamentals of C programming and syntax.
- Build a solid foundation in C control structures, functions, and pointers.
- Enhance logic and problem-solving through coding practice.

### Sessions

#### Day-1

The topics covered on the first day of the workshop include:

- Introduction to C programming
- Keywords, identifiers, tokens
- Basic programs
- Introduction to iterative statements
- Programs using conditional and iterative statements

#### Day-2

On the second day, the participants were taught about matrices using C language, pattern printing, functions and pointers. Many practice problems were solved, and the rest of the session was spent clearing doubts of the participants.

## Conclusion

The C Programming workshop successfully provided participants with a strong foundation in programming concepts and practical coding skills. Through a balanced mix of theory, hands-on exercises, and doubt-clearing sessions, students gained confidence in writing, debugging, and optimizing C programs. The workshop not only strengthened their problem-solving abilities but also prepared them for more advanced programming and project development.

