



**Charotar University of Science and
Technology (CHARUSAT)**

**Chandubhai S. Patel Institute of Technology
(CSPIT)**

**V. T. Patel Department of Electronics and
Communication Engineering**



A Report
On
C Hackathon

Date & Time : 19/10/2024, 9:30 am onwards
Faculty Coordinator : Dr. Killol Pandya

Charotar University of Science and Technology (CHARUSAT)
Chandubhai S. Patel Institute of Technology (CSPIT)
V. T. Patel Department of Electronics and Communication Engineering

Co-ordinator

Sr. No.	Name	Designation	Contact Details
1	Dr. Killol V. Pandya	Associate Professor	7600004093

Co-coordinators

1	Pruthvish Dave	Student Coordinator
2	Suchita Gaddam	Student Coordinator
3	Moksh Chavada	Student Coordinator
4	Vedansh Verdia	Student Coordinator
5	Priyanshu Purohit	Student Coordinator

Name of Event: C HACKATHON

Date: 19/10/2024

Targeted Audience: 1st Semester Students

Total No of Participants: 75

Academic Year: 2024-25

Introduction: The C Hackathon was designed to immerse participants in the core concepts of C programming through competitive challenges. The event focused on solving real-world problems using C, enhancing coding efficiency, and encouraging innovative approaches to algorithm design and problem-solving.

Outcomes:

- **Learning Experience:** Participants gained hands-on experience in coding, debugging, and optimizing solutions using C. They were introduced to advanced programming concepts through practical applications, which deepened their understanding of both fundamental and advanced topics.
- **Skill Development:** The hackathon fostered the growth of essential skills such as algorithm design, coding efficiency, and debugging. Participants learned to write optimized code, handle edge cases, and improve program performance, thereby strengthening their technical expertise.
- **Problem-Solving:** Through the competitive nature of the hackathon, participants were challenged to identify and solve complex problems under time constraints. This encouraged analytical thinking and improved their ability to develop creative solutions.
- **Collaboration:** The hackathon promoted teamwork by requiring participants to collaborate in small groups. This environment allowed them to share ideas, divide tasks effectively, and develop solutions collectively.
- **Networking:** Participants had the opportunity to engage with mentors, industry experts, and fellow coders during the event. This networking allowed them to exchange insights, seek advice, and explore potential career opportunities, expanding their connections within the programming and tech community.

Conclusion: The C Hackathon successfully provided participants with a platform to deepen their understanding of C programming while applying their skills to real-world challenges. Through hands-on coding, teamwork, and exposure to advanced concepts, participants developed valuable technical and problem-solving abilities. The collaborative atmosphere and interactions with

peers and mentors further enriched the learning experience, allowing participants to expand their professional networks. Overall, the hackathon fostered a sense of innovation, teamwork, and technical growth, making it a rewarding experience for all involved.



CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY
CHANDUBHAI S. PATEL INSTITUTE OF TECHNOLOGY
V.T PATEL DEPARTMENT OF ELECTRONICS & COMMUNICATION
ENGINEERING

CODE FOR CAUSE ORGANIZES C HACKATHON



EVENT DETAILS



TIME
9:30 AM ONWARDS



LOCATION
PROJECT LAB - 2



DATE
19TH OCTOBER, 2024



PARTICIPANTS
FIRST YEAR STUDENTS

FACULTY COORDINATOR:
DR. KILLOL V. PANDYA

STUDENT COORDINATORS:
VEDANSH VERDIA
PRIYANSHU PUROHIT
MOKSH CHAVADA
SUCHITA GADDAM
PRUTHVISH DAVE





