SANDIP UNIVERSITY UGC Recognised | NAAC GRADE A
Mahiravani, Trimbak Road Nashik, Maharashtra, India.
https://www.sandipuniversity.edu.in | info@sandipuniversity.edu.in

SCHOOL OF SCIENCE
DEPARTMENT OF MATHEMATICS

SUN/SoS/MATHS/A.Y.2026-27/ 138 Date- 23/10/2026

NOTICE

Subject: Value Added Program (VAP) on "C Programming" for FY B.Sc. CMDS Students

The Department of Mathematics, School of Science, Sandip University, is organizing a Value Added Program (VAP) on **"C Programming"** for First Year B.Sc. Computational Mathematics and Data Science students for the Academic Year 2026-27. The program is designed to strengthen students' programming fundamentals and develop practical coding skills through hands-on implementation of C programming concepts, problem-solving techniques, data structures, and file handling.

Program Details:

- **Program Name:** C Programming
- **Target Audience:** F.Y. B.Sc. CMDS Students
- **Duration:** 26 October 2026 to 31 October 2026
- **Time:** 10:00 AM to 5:00 PM

Course Outline & Key Modules:

Module 1: C Fundamentals, Data Types, Operators, Input/Output, and Basic Programs
Module 2: Control Statements, Loops, Pattern Programming, and Number-Based Problem Solving
Module 3: Arrays, Strings, Searching, Sorting, and Functions
Module 4: Pointers, Dynamic Memory Allocation, and Structures
Module 5: Advanced C Programming, Recursion, Storage Classes, Preprocessor Directives, and File Handling
Module 6: Hands-on Coding Practice, Student Management System Mini Project, Coding Assessment, and Viva

All eligible FY students are hereby instructed to attend all sessions regularly and punctually. **100% attendance is mandatory** to receive the course completion certificate.

Copy(s) to:
1. The HOD/Dean
2. Faculty Circular File
3. Student Notice Board

23/10/26
Academic Coordinator

23-10-2026
Head
Department of Mathematics
HoD Mathematics
School of Science
Sandip University Nashik

23/10/26
Dean
School of Science

Details of the Event: REPORT ON VALUE ADDED PROGRAM (VAP)

Date of event: 26 October to 30 October 2026

Name of Event: REPORT ON VALUE ADDED PROGRAM (VAP)

Venue: SP Building,Ground Floor ,Lab-203,Sandip University, Nashik

Time: 10:00 AM to 5:00 PM

Name of Coordinator: Ms.Neha Nisal

Number of Participants: 37

FY-Computational Mathemetics and data science

Organizing Committee:- Department of Mathematics, School of Science

Brief Description of Event

The Department of Mathematics, School of Science, Sandip University, Nashik, organized a Value Added Program (VAP) on **C Programming** for First Year (FY) B.Sc. Computational Mathematics and Data Science students. The program was conducted on the university campus to provide students with fundamental programming knowledge and practical exposure to problem-solving using the C programming language.

The program aimed to introduce students to the basic concepts of C programming, including variables, data types, operators, input and output functions, conditional statements, loops, arrays, strings, and functions. It focused on strengthening computational thinking, logical reasoning, and programming skills through practical exercises and hands-on learning activities.

The VAP was designed to bridge the gap between theoretical knowledge and practical implementation, helping students develop a strong foundation in programming for their academic studies, future projects, and career opportunities in computational mathematics and data science.

Objectives of the Event

1. To introduce students to the fundamentals of C programming and its applications.
2. To develop logical thinking, computational skills, and problem-solving abilities.
3. To familiarize students with programming concepts such as variables, data types, operators, conditional statements, and loops.
4. To provide hands-on experience in writing, compiling, debugging, and executing C programs.

5. To enhance students' understanding of arrays, strings, and functions through practical programming exercises.
6. To establish a strong programming foundation for advanced computational subjects and future career opportunities.
7. To promote inclusive and sustainable digital learning in alignment with the United Nations Sustainable Development Goals (SDGs).

Outcomes of the Event

1. Students gained fundamental knowledge of C programming and its practical applications.
2. Participants improved their logical reasoning, computational thinking, and problem-solving skills.
3. Students developed the ability to write, compile, debug, and execute basic C programs.
4. Participants acquired practical experience in implementing programming concepts through hands-on exercises.
5. The program encouraged active participation, independent learning, and confidence in programming.
6. Students developed a foundation for learning advanced programming, computational mathematics, and data science applications.
7. The program supported students' academic development and preparedness for future technological and professional opportunities.

Sustainable Development Goals (SDGs) Addressed

SDG 4: Quality Education

The program promoted quality education by providing additional programming knowledge, practical learning experiences, and opportunities to strengthen students' technical competencies beyond the regular curriculum.

SDG 8: Decent Work and Economic Growth

The program contributed to students' future employability by developing foundational programming skills relevant to careers in information technology, software development, and computational fields.

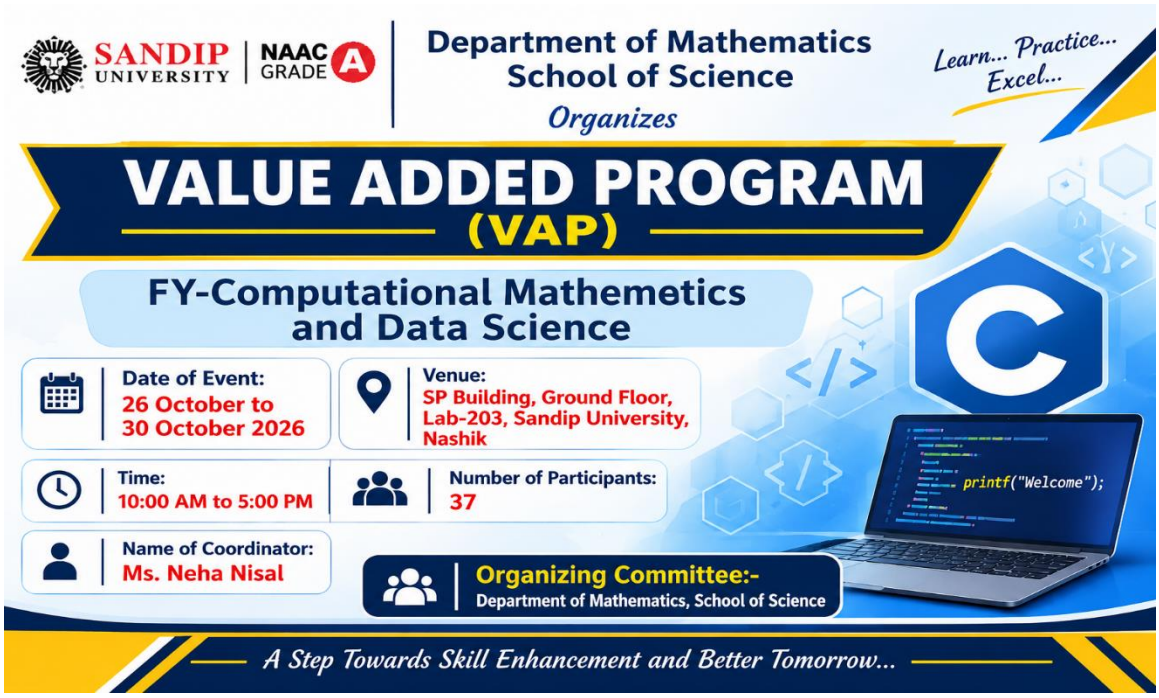
SDG 9: Industry, Innovation and Infrastructure

The program encouraged technological learning, innovation, and computational problem-solving through practical exposure to C programming and its applications.

SDG 10: Reduced Inequalities

The program supported inclusive access to programming education by providing foundational technical training and additional learning opportunities for students with different levels of prior programming experience.

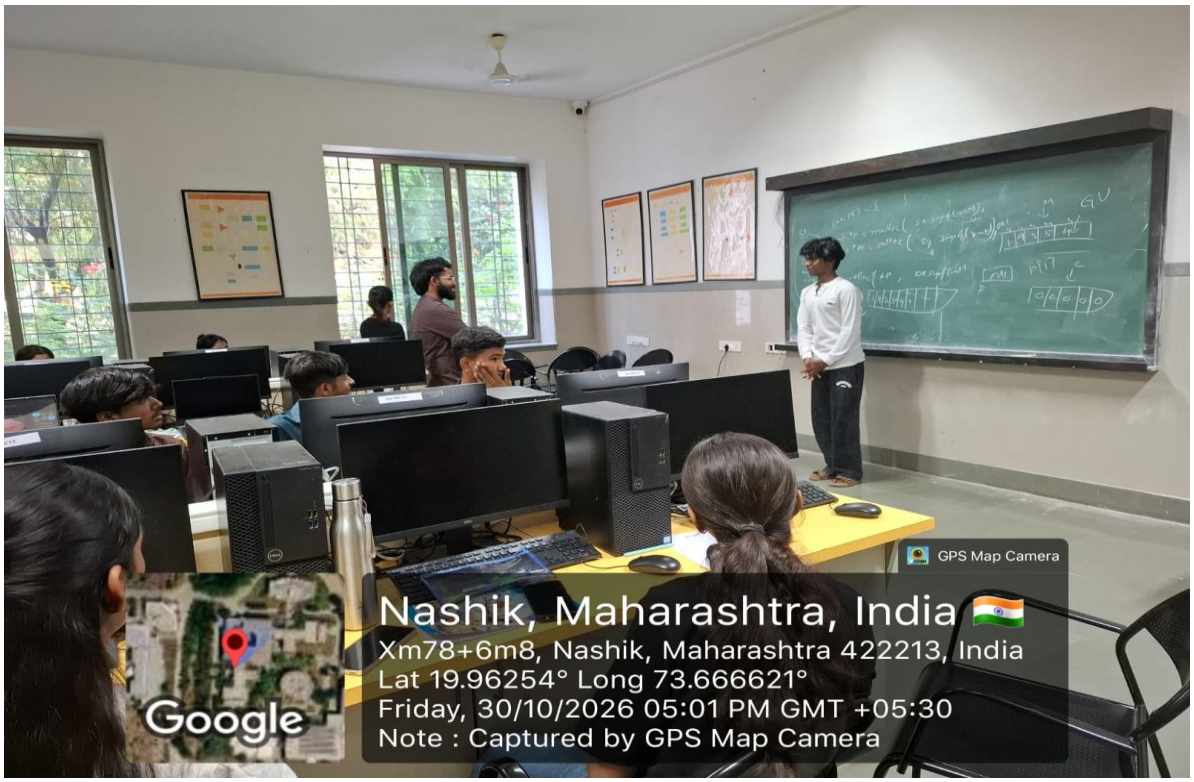
Event E-banner/Poster:



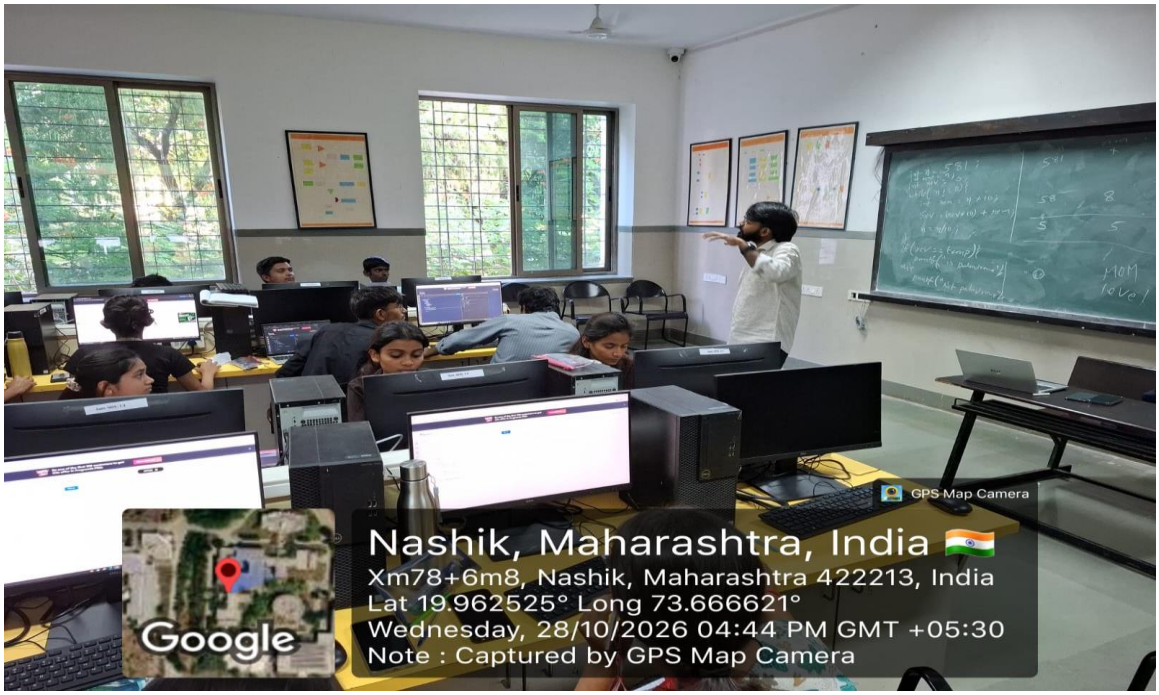
Event Photos:



Felicitation of the Resource Person by the Head of the Department (HOD)



Hands-on Practical Session by Students



Expert Knowledge Sharing and Interaction:



“Vote of Thanks Delivered at the Conclusion of the Program”

Academic Coordinator	Head Department of Mathematics	Dean School of Science