

Value Added Program on : Problem Solving using C & Data Structures

27th March to 3rd April 2026 | 9:00 AM to 5:00 PM

Venue: ECE Department, Acharya Campus



About the Program

The Value-Added Program on "Problem Solving using C & Data Structures" is designed to strengthen students' programming fundamentals and analytical thinking skills. The program focuses on developing efficient problem-solving techniques using the C programming language and core data structures such as arrays, stacks, queues, linked lists, trees, and graphs. It emphasizes hands-on practice, algorithm development, and logical reasoning to solve real-world computational problems. This course enhances coding proficiency and prepares students for technical interviews and competitive examinations.

Objectives of the Program

- To familiarize students with the fundamentals of data structures using C programming language.
- To familiarize with DS- Linklist, Stack queue, Graphs etc.
- To encourage students to solve problems using these above-mentioned concepts.

Expected Outcomes of the Program

- Students have gained in depth knowledge of DS Concepts
- Ability to apply these concepts to solve the problems.
- Be able to write the program to solve the problems.

Target Audience: 6th Sem ECE Students

Committee Members

ADVISORY COMMITTEE

- Dr Rajeswari, HOD-ECE & Dean Academics, Bengaluru
- Dr. Marigowda C K, Principal of AIT, Bengaluru
- Dr. Anil Kumar Ramesh, Head, R & D, Dover India Private Ltd., Bengaluru
- Dr. S K Murthy, Patent Counsel, Intel Technologies, Bengaluru
- Dr. H V Ravish Aradhya, Professor, RV college of Engineering, Bengaluru
- Mr. M Venkatas, CEO, Techno carve Solutions, Bengaluru
- Mr. Manjunath Srinivasaiah, Project Manager, Robert Bosch, Bengaluru.

CONVENER

- Dr. Rajeswari, Head of Department of ECE, AIT.

COORDINATORS

- Mrs. Sumangala S J, Assistant Professor, Dept of ECE, AIT.
- Mrs. Jothi Lakshmi V, Assistant Professor, Dept of ECE, AIT.

Resource Persons



Mrs Mithuna H R

Designation: HOD ISE, Department of ISE, AIT



Mr Jagadish N

Designation: Assistant Professor, Department of ISE, AIT



Dr Kavita Nair R

Designation: Associate Professor, Department of AIML, AIT.



Mr Adarsha S P

Designation: Assistant Professor, Department of AIML, AIT.



Dr Nataraju A B

Designation: Associate Professor, Department of ECE, AIT.



6. Dr Pranita Niraj Palsapure

Designation: Associate Professor, Department of ECE, AIT.

About the college

Founded in 1990, Acharya aims to revolutionize education. With over 12,000 students and 100+ academic programs annually, it stands among the global education elite. Located in India's technical hub, Bangalore, Acharya prioritizes innovation and knowledge. The campus is spread across 120-acres and houses a centralized library, state-of-the-art laboratories, academic studios, and a 10,000+ seating stadium along with academic blocks. The institution fosters experiential and collaborative learning, shaping well-rounded individuals, evident in its diverse student population from 75+ countries.

Acharya is an eco-friendly campus and its design reflects on our commitment to protecting nature. Through extensive afforestation of land, rainwater harvesting, creation of a 4-acre artificial lake, water treatment, use of alternative energy sources, and a ban on using substances that are not environment-friendly, we ensure our students learn the importance of sustainable living practices.

The campus provides an ideal environment for students to unleash their creativity and take significant strides towards achieving their aspirations.

Vision

Acharya, committed to the cause of value-based education in all disciplines, envisions itself as a fountainhead of innovative human enterprise, with inspirational initiatives for academic excellence.

Mission

Acharya strives to provide excellent academic ambience to the students for achieving global standards of technical education, foster intellectual and personal development, meaningful research, ethical, and sustainable service to societal needs.

About the department

The Department of Electronics & Communication Engineering at Acharya Institutes established in the year 2000 affiliated to Visvesvaraya Technological University (VTU), recognized by All Indian Council for Technical Education (AICTE), offers regular full-time UG, & research program. The department has been strengthened by its reputed faculty members from recognized Universities and Organizations with diversified specializations like Communication & Networking, VLSI, Signal Processing Embedded System, etc.,. Students are trained for broad career opportunities through industry enabled labs like TEXAS- INSTRUMENTS Technology Lab, Meity C2S, NVIDIA Supported Lab, and student exchange program with different foreign universities, skill development apart from regular academics to make them competitive and industry-ready.

The Department is well-equipped with laboratories as per VTU, AICTE standards, and industry. The department handshakes with industry and institutes for ongoing research activities in the area of Artificial Intelligence, Communication & Wireless Networks, VLSI, etc. Join the best Electronics and Communication engineering college in Bangalore. Department aims at a holistic approach toward the development of students and society at large through building technical skills and managerial quality.

Vision

"To be a premier engineering department with excellence in teaching, research and innovation, to meet the global industrial standards and to have significant impact on the wellbeing of the society".

Mission

- To provide a student centric learning environment, inculcate profound knowledge in both fundamental and applied areas of science and technology.
- To train and mentor the students in developing leadership qualities and team building skills along with professional ethics.



Acharya Institute of Technology

Acharya Dr. S. Radhakrishnan Road, Acharya P.O
Soladevanahalli, Bangalore - 560107, Karnataka, India.

LOCATE US

Event Coordinator

Mrs. Sumangala S J,
Assistant Professor, Dept of ECE, AIT.