

**ALVA'S INSTITUTE OF ENGINEERING AND
TECHNOLOGY**

**Dept. of Electronics and Communication
Engineering**

*Certification Course
On*

**"Advanced C Training
Program"**

To,

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**Dept. of Electronics and Communication
Engineering**

We cordially invite you to the
Certification Course
On

"Advanced C Training Program"

By

Mr. Vishal C Vanaki
Managing Director
Innovations Bangalore

Venue: Internet Lab

Date: 17th to 21st September

Mr. Santhosh S
Staff Coordinators

Dr. D V Manjunatha
HOD

About the Institution

Alva's Institute of Engineering & Technology (AIET) is a premier Engineering Institute of Alva's Education Foundation established in the year 2008.

AIET is recognized by All India Council for Technical Education (AICTE), New Delhi and affiliated to Visvesvaraya Technological University (VTU), Belgaum, approved by Govt. of Karnataka. Ranked as one of the best Technical Institute in Dakshina Kannada region.

AIET has established Multi-Disciplinary Research Centers viz Center for Robotics, Research center for Basic Science, Center for Small Satellite Research, Center for Nanomaterial's & MEMS, CAD Center, Apple Lab, Linux Lab. AIET has Several Sponsored research Projects funded by different reputed National Funding Agencies like DST, KSCST,DIT, AICTE, ISRO,VGST, IEEE, RESPOND,VTU etc.

About the Department

Department of Electronics & Communication was started in the year 2008-09. ECE branch is concerned with the design, development, manufacture and application of electronic devices, circuits and systems. It plays great emphasis on deep understanding of fundamental principles and state of the art knowledge about Electronic Devices and Circuits, Computer Architecture and Microprocessors, VLSI and Embedded systems, Electromagnetic Field Theory, Analog and Digital Communication, Digital Signal Processing, Microwave and Broadband Communications, MEMS Research and Development Lab. The department has well-qualified and experienced

faculty which includes Three Doctorates, Seven faculty are pursuing Ph.D. and Remaining faculty are Post-Graduates.

Scope of the Course

The aim of the course is to provides a base to learn other advanced programming languages like C++, Java, etc. It enable learners to master the concepts of pointers, addresses, and memory allocation in C. The course also provides hands-on training to help you write and test your coding skill, and prepare you for real-life application.

This course is also popular among IT companies. There are many IT companies which use C++ language especially in OS level work, in embedded device, device driver etc. From job's perspective, C++ development would be beneficial for future. Various jobs exist for students certified with this course in various fields such as in MNC's, BPOs, KPOs, Government and Private Organizations etc.

Course Content

1. Data Types
2. Keywords, Variables
3. Managing I/P and O/P
4. Operators
5. Control Statements and Loops
6. Arrays
7. Strings
8. Functions
9. Pointers
10. Structures and Unions
11. File Handling
12. Dynamic Memory Allocation

RESOURCE PERSON

Mr. Vishal C Vanaki
Managing Director
Innovations, Bangalore

PROGRAM SCHEDULE

September 17, 2018

Inauguration:	09:00 am to 10:00 am
Tea Break:	10:00 am to 10:30 am
Session 1:	10:30 am to 01:00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 2:	02:00 pm to 05:00 pm

September 18

Session 3:	09.30 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Lunch Break:	01:00 pm to 02:00 pm
Session 4:	02:00 pm to 05:00 pm

September 19

Session 5:	09.30 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Lunch Break:	01:00 pm to 02:00 pm
Session 6:	02:00 pm to 05:00 pm

September 20

Session 7:	09.30 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Lunch Break:	01:00 pm to 02:00 pm
Session 8:	02:00 pm to 05:00 pm

September 21

Session 9:	09.30 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Lunch Break:	01:00 pm to 02:00 pm
Session 10:	02:00 pm to 04:00 pm
Valedictory:	04:00 pm to 05:00 pm