

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

**Dept. of Electronics and Communication
Engineering**

*Certification Course
On*

“ C and Data Structures ”

To,

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**Dept. of Electronics and Communication
Engineering**

We cordially invite you to the
Certification Course
On

“C and Data Structures”

By

**Ms.Arptha and Team
QSpiders, Bangalore**

Venue: CCP Lab

Date: 23rd March to 16th April, 2019

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, EMS, CAD Center, Linux Lab.

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.

Scope of the Course

This course provides exhaustive coverage of C programming and of different data structures like lists, stack, queue, trees. Graphs, hash tables and their implementation. Application of these data structures is also covered.

To master Data Structure, one needs hands-on practice along with clarity of concepts. The course emphasizes 50% of course duration on Lab practices.

Course Content

1. C Basics
2. Data Types
3. Control Loops
4. Functions
5. Pointers
6. Data Structure.
7. Lists.
8. Stacks.
9. Practice Session

RESOURCE PERSON

Mr. Vishal Naik
Managing Director
Innovation, Bengaluru.

PROGRAM SCHEDULE

23,24,25 March 2019

Introduction:	09:00am to 09:30pm
Session 1:	10:30 am to 01:00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 2:	02:00 pm to 03:30 pm
Tea Break:	03:30 pm to 03:45 pm
Session 3:	03.45 pm to 05:00 pm

31, March and 1,2,3 April 2019

Session 4:	09.30 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 5:	11:20 am to 01:00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 6:	02:00 pm to 03:30 pm
Tea Break:	03:30 pm to 03:45 pm
Session 7:	03.45 pm to 05:00 pm

13, 14, 15, 16 April 2019

Session 8:	09.30 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 9:	11:20 am to 01:00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 10:	02:00 pm to 03:30 pm
Tea Break:	03:30 pm to 03:45 pm
Session 11:	03.45 pm to 05:00 pm