

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

**Dept. of Electronics and Communication
Engineering**

*Certification Course
On*

"Embedded Product Design"

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**Dept. of Electronics and Communication
Engineering**

We cordially invite you to the
Certification Course
On

"Embedded Product Design"

By
Mr. Punit
Director
Zilliot Technologies Pvt.Ltd

Venue: HDL LAB

Date: 12th to 17th April 2021

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.

Scope of the Course

When it comes to sustained growth, innovation is key and, in this endeavour, new products are designed and developed by industries as per the evolving market needs. Embedded product design is one of the specialized areas that involves highly trained experts, working with advanced tools and equipment for transforming ideas into products. Embedded designing includes system architecture as well as hardware, software, and mechanical design. Development, on the other hand, involves identifying new opportunities in the market and building products that appeal to the needs of the selected market.

Course Content

- Introduction to Zilliot Technology.
- Introduction to Product Design Flow
- Architecture Design for the product development
- Firmware Development
- Hardware Board Development

RESOURCE PERSON

Mr. Punit Salian
Director
Zilliot Technologies Pvt.Ltd

PROGRAM SCHEDULE

12, April, 2021

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

13, April

Session 3:	09:00 am to 11:00 am
Tea Break:	11:00 am to 11:20 am
Session 3:	11:20 am to 01:00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 4:	02:00 pm to 05:00 pm

15, April

Session 5:	09:00 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 05:00 pm

16, April

Session 7:	09:00 am to 11:00 am
Tea Break:	11:00 am to 11:20 am
Session 7:	11:20 am to 01:00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 8:	02:00 pm to 05:00 pm

17, April

Session 9:	09:00 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 04:00 pm
Valedictory:	04:00 pm to 05:00 pm