



राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान, कालीकट  
National Institute of Electronics & Information Technology, Calicut

ISO 9001-2015 Certified



सत्यमेव जयते

Ministry of Electronics and  
Information Technology  
Government of India

Post Diploma Program(Online mode)

# Prospectus

## Electronic Product Design (24 Weeks)

### Course Description

Post Diploma in Electronic Product Design Course is intended to impart practical skills essential for the design, Development, Assembling & Manufacturing of Electronic products using appropriate hardware and software tools.

This course will focus on circuit design, design of Power devices, Microcontroller based design, measurement and display devices, real time embedded systems, manufacturing technology etc. which will meet the industry requirement and makes the participant exactly suitable for Electronic manufacturing Industry.

[Click Here to Register](#)

## Who can attend?

- Diploma in Electronics / Communication / Instrumentation / Electrical or Equivalent or B.Sc. (Electronics) from a Recognized University
- Module entry is available for Diploma ongoing students

## Course Content

Module Code	Subject	Duration (Hours/Weeks)
ED-101	Analog& Digital Circuit Design	72/4
ED-102	Test & Measurement equipment, Sensors& Display devices.	36/2
ED-103	Power Supply & Power Management Circuits.	36/2
ED-104	Microcontroller based System Design.	72/4
ED-105	PCB Design Tools and Product Manufacturing.	72/4
ED-106	Project Work	72/8
	Total	360 / 24

## Fee and important dates

<b>Fee for Post Diploma</b>	<b>Rs. 8000/- (Excluding GST)</b>
Last date for registration & payment	22 December 2021
Starting date	27 December 2021
Sharing of Link / passwords& other details	On the day of commencement of the course
Fee for individual modules (ED-101, ED-102 & ED-103,ED-104 and ED-105)	<b>Rs.1800/- each (Including GST)</b>

## Certificate

Certificates will be issued to all completed candidates those who are fulfill the requirements.

## Minimum System Requirements

- Attendees must have a computer system with a good internet connection.
- Computer System Configuration – Windows OS 7/8/10, i3/i5, 4GB RAM
- Link to attend the course shall be forwarded to the registered email.
- Whatsapp group will be created for the participants to share instant messages and information.
- Hardware requirement: Participant need to procure the following
  - STM32xx Development board with ST-Link

## Faculty Profile

1. Dr. Jayaraj U Kidavu (Scientist/Engineer 'D')
2. Pavan Kumar (Scientist/Engineer 'B')
3. Manoj Kumar M K (Senior Technical Officer)
4. Sreejish S G (Senior Technical Officer)
5. Ashok Kumar (Senior Technical Asstt)

## Course Coordinator

### **Manoj Kumar M K**

Senior Technical Officer

9447433175(Mobile & WhatsApp), 0495 2287266(O)

Email: [manojkumar@calicut.nielit.in](mailto:manojkumar@calicut.nielit.in)

## Terms and Conditions

1. *In case any registered candidate could not attend the online session due to technical issue at their side there will not be any refund of the course fee and the sessions will not be repeated.*
2. *In case the online course is cancelled /postponed due to some technical issue at NIELIT side and new date is not convenient to the candidate, our liability is limited to the refund of the course fee and NIELIT shall not be responsible for any consequential damages.*

For more details about our institution and facilities visit us

Website: <http://nielit.gov.in/calicut>

Twitter: [https://twitter.com/CAL\\_NIELIT](https://twitter.com/CAL_NIELIT)

Facebook: <https://www.facebook.com/CAL.NIELIT>



Autonomous Scientific Society of  
Ministry of Electronics & Information Technology,  
Govt. of India

## **NIELIT Calicut**

Post Box No. 5, P. O. NIT Campus,  
CALICUT – 673601, Kerala

Reach Us on WhatsApp 9446711666

Tel. : 0495-2287266

Mob. : 9446011266

Email : [trng@calicut.nielit.in](mailto:trng@calicut.nielit.in)

URL : <http://nielit.gov.in/calicut>