राष्ट्रीयइलेक्ट्रॉनिकीएवंसूचनाप्रौद्योगिकीसंस्थान,कालीकट
National Institute of Electronics & Information Technology, Calicut

ISO 9001-2015 Certified

Ministry of Electronics and Information Technology
Government of India

Post Diploma Program (Online mode)

Prospectus

Embedded Systems & IoT
(24 Weeks)

Course Description

Post Diploma in Embedded System Design & IoT Course is intended to impart skills essential for the design and implementation of Embedded and IoT systems using appropriate hardware and software tools. This course offers a range of topics of immediate relevance to industry and makes the participants exactly suitable for Embedded and IoT 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)
ES- 101	Embedded 'C'	72/4
ES -102	ARM Cortex Microcontrollers	72/4
ES -103	Embedded Protocols	72/4
ES -104	Internet of Things	72/4
ES -105	Project work	72/8
	Total	360 / 24

Fee and important dates

Fee for Post Diploma	Rs. 8000/- *(Excluding GST)*
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 (ES-101, ES-102,ES-103 and ES-104)	**Rs.1800/- each (Including GST)**

Certificate

Certificates will be issued to all completed candidates those who are fulfil 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
    - NODEMCU with sensors

Faculty Profile

1. Jayaraj J Kidavu (Scientist/Engineer 'D')
2. Rajesh M (Scientist/Engineer 'D')
3. Sreerama Pavan (Scientist/Engineer 'B')
4. Manoj N– (Senior Technical Officer)
5. Suresh Kumar Gaddi (Senior Technical Officer

Course Coordinator

Manoj N
Senior Technical Officer
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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

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

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

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