



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



सत्यमेव जयते

Ministry of Electronics and
Information Technology
Government of India

Internship Training Prospectus

ISO 9001-2015 Certified

ARM Cortex Microcontrollers

Starting from 07 September 2020
(2 Weeks - 1 Hour Daily)

Course Description

This is a course on ARM Cortex Microcontrollers which provides understanding of ARM Architecture, ARM Cortex Microcontrollers, Embedded C Programming and ARM Microcontroller Peripherals. The Course is planned with Video Lectures, Instructor Led Live Discussions and Demonstrations.

[Click Here to Register](#)

Who can attend?

Students Pursuing Engineering and Completed up to Sixth Semester of the BE/B.Tech Course in

- *Electronics/ Electronics & Communication/ Electrical/ Electrical and Electronics/Instrumentation/ Biomedical /Computer Science/Information Technology.*

Course Content

Session	Topic
1	Embedded Systems Overview
2	Architecture of Embedded Systems
3	Introduction to ARM Architecture
4	ARM Cortex M3 Microcontroller
5	STM32 ARM Cortex Microcontroller Peripherals
6	Embedded C Programming with ARM
7	ARM Cortex Microcontroller Programming – Demonstrations

Fee and important dates

Fee	Rs. 1500/- (Including GST)
*Last date for registration & payment for first batch	06 September 2020
Sharing of Link / passwords & other details	07 September 2020
*Subsequent batches will start every fortnight or as per demand	

Certificate

E-Certificates of Internship Participation will be issued to all completed candidates

Minimum System Requirements

- Attendees must have a computer system with a good internet connection.
- Computer System Configuration – Windows OS 7/8/10, i3/i5, 64bit processor, Minimum 4GB RAM

Faculty Profile

Qualification and experience of the faculty handling the sessions

1. Shoukath Cherukat – Scientist/Engineer ‘E’, M.Tech ECE (ES), 20 Years of Experience
2. Manoj N– Senior Technical Officer, Diploma in Electronics, 24 Years of Experience
3. Sureshkumar Gaddi–Senior Technical Assistant, B.Tech ECE, 3 Years of Experience

Course Coordinator

Manoj N

Senior Technical Officer

9446783170(Mobile & WhatsApp), 0495 2287266(O)

Email: manoj@calicut.nielit.in

Terms and Conditions

1. *In case any registered candidate could not attend the offline/ 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 offline/ 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

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

[Click Here to Register](#)

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



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