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

Ministry of Electronics and Information Technology
Government of India

On-line Courses

Prospectus

ISO 9001-2015 Certified

ARM Cortex Microcontrollers

27th – 29th July 2021
(2 hrs daily)

Course Description

This is a course on ARM Cortex Microcontrollers which provides understanding of ARM Microcontrollers, ARM Cortex Architecture, Embedded C Programming with ARM, ARM Microcontroller Peripherals. The Course is planned with instructor led live sessions of lectures and demonstrations

[Click Here to Register](#)

Who can attend?

Anyone who is interested in learning ARM Cortex Microcontrollers & it is designed for

- Students pursuing engineering,
- Professionals working on Electronic design/development activities and others who would like to develop competency in embedded system design with emerging processors.
- Research students
- Teaching professionals & faculties

Course Content

Session	Topic	Date & Time
1	Introduction to ARM Cortex Architecture	3 to 5 PM on 27-07-2021
2	Embedded C Programming Concepts	
3	Introduction to ARM Cortex Microcontrollers & Peripherals	3 to 5 PM on 28-07-2021
4	ARM Peripheral Programming with Embedded C	
5	Hands-on Sessions with Keil IDE Simulator	3 to 5 PM on 29-07-2021

Prerequisite

- Knowledge of Programming in C
- Knowledge of Microcontrollers and Embedded Systems

Fee and important dates

Fee	Rs. 300/- *(Including GST)*
Last date for registration & payment	26th July 2021
Sharing of Link / passwords& other details	27th July 2021

Certificate

Certificate to all completed candidates

Minimum System Requirements

- Attendees must have a computer system with a good internet connectivity.
- Computer System Configuration – Windows OS 7/8/10, i3/i5, 64bit processor, Minimum 4GB RAM preferred.
- Link to attend the course shall be forwarded on 27-07-2021

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. SureshkumarGaddi–Senior Technical Assistant, B.Tech ECE, 3 Years of Experience

Course Coordinator

Manoj N
Senior Technical Officer
9446783170(M), 0495 2287266(O)
Email: manoj@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.*

Click Here to Register

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

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