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

Ministry of Electronics and Information Technology
Government of India

On-line Course
Prospectus

ISO 9001-2015 Certified

Lab Workshop on Embedded C Essentials with ARM Cortex Microcontrollers

20th Oct 2023– 18th Nov 2023
(40 min - 1 hr lecture daily)

Course Description

This course is a course which targets about the Essential C- Programming concepts, Embedded basics and familarisation of STM32 ARM Cortex microcontroller . The Course is planned with instructor lectures and demonstrations.

Click Here to Register

Who can attend?

Any under graduate/ diploma student or higher level with basic knowledge of Electronics

- Students, Researchers
- Working Professionals
- Educators – Teaching professionals, Self Learners
- Enterpreneurs

Course Content:

Sl. No.	Imp. Topics
1	Essential C Programming concepts
2	GNU C Compilers & Compiler options
3	Overview of Embedded Systems
4	Introduction to ARM Cortex Architecture
5	Overview of Cortex Development boards & tools
6	Microcontroller Basic Peripherals & HAL libraries

*refer the syllabus & Schedule on course page to observe all the topics

Prerequisite

- Knowledge of basics about Electronics

Fee and important dates

Fee	Rs. 300/- *(Including GST)*
Last date for registration & payment	17th Oct 2023
Sharing of Link / passwords & other details	19th Oct 2023 by 4:00 PM
Course registration Link	**https://www.calicut.nielit.in/OnlineCourseRegistration.aspx**

Certificate

e-Certificate of participation will be mailed through the registered email id after completion of the course.

Minimum Requirements

- Attendees must have a computer system with a good internet connection.
- Computer System Configuration– Windows OS 7/8/10, i3/i5 processor, Minimum 4GB RAM
- Link to attend the course shall be forwarded on 19th Oct 2023 by 4:00 PM

Faculty Profile

1. Rajesh M, Scientist – D, 18+ Years of Experience
2. Akula Sri Rama Pavan, Scientist – B, 8+ Years of Experience
3. Manoj N, PTO, 22+ Years of Experience

Course Coordinator

Akula Sri Rama Pavan
Scientist-B
8904310403(Whatsapp)
Email:pavan@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.
3. 60% of the attendance and passing exit test are mandatory for awarding 'participation' certificate.

Click Here to Register

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

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