

Certificate Course on Embedded 'C' (Self-paced)



**Certificate Course/Internship on Embedded 'C'
(Course Code: ST114)**

**40 Hrs.: Self-paced
Seats: 200**

Medium of Training: English

Last Date of Registration: 02-02-2023

Course Start Date: 06-02-2023

Objective

To make the candidates becoming familiar in embedded system concepts, Embedded 'C' language such as Memory management, Pointers, Data structures and architecture of the ARM Cortex processor for highly deterministic real-time applications.. It is a self-placed course, where pre-recorded lecture will be uploaded on lms. Student can view the videos as per there convenience and solve the assignments. There will be doubt removal session at the end of the course where students can discuss their doubts in live online interacted session. After the end of course, every student has to appear in online examination and after successful completion of the examination, digital certificate will be issued.

Grading Scheme

S	A	B	C
>=85%	75-84%	65%-74%	55%-64%
D	F		
50%-54%	Fail (<50%)		

Eligibility

+2/Intermediate/Diploma after 10th

Prerequisite

- ✓ Candidate must have latest computer/laptop.
- ✓ Internet connection with good speed (preferably 2Mbps or higher)

Course Fees

Rs. 236/- (No Course Fee, Only Certification fee)

Certificate will be issued to the participants based on the marks scored in the examination conducted after the completion of training.

Methodology

- ✓ Teaching Mode: Self-Paced
- ✓ Recorded Session.
- ✓ Assessment & Certification

How to Apply

Candidates can apply online in our website <http://reg.nielitchennai.edu.in>.

Note: The Institute will not be responsible for any mistakes done by either the bank concerned or by the depositor while remitting the amount into our account. Selection will be on First Come First Serve Basis.

Course Structure

ST114	Unit Name
Unit 1	Introduction to Embedded Systems
Unit 2	Embedded C
Unit 3	ARM /Cortex Introduction and Architecture
Unit 4	Programming ARM Cortex Peripherals (GPIO, Timers, Serial Port and Interrupts)

Contact US

Mr.Shoukath Cherukat

Mob. No. 94474 23306

shoukath@nielit.gov.in



National Institute of Electronics & Information Technology Chennai

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