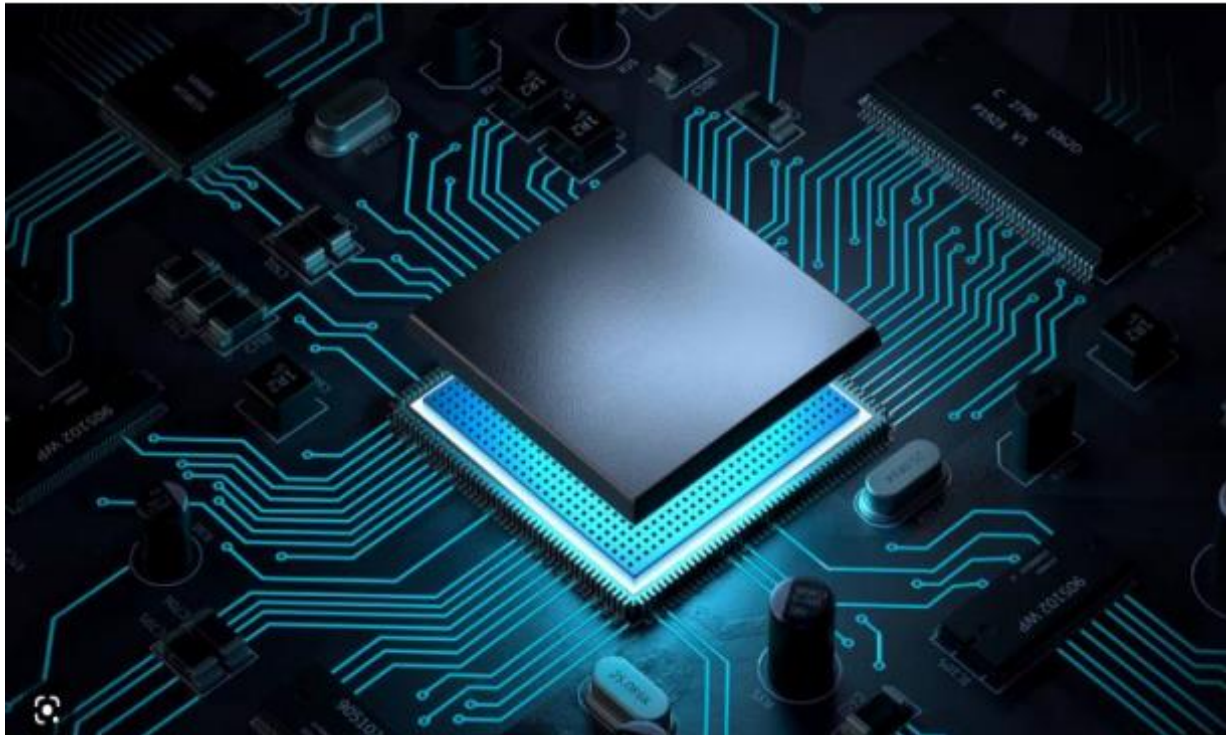


# **Certificate Course on Embedded 'C'** **(Self-paced)**



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

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

**Medium of Training: English**

**Last Date of Registration: 15-03-2023**

**Course Start Date: 20-03-2023**

## 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-paced 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.

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)

## Eligibility

+2/Intermediate/Diploma after 10<sup>th</sup>

## 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.

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

## Methodology

## 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.

## Grading Scheme

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

## Contact US

**Mr. Shoukath Cherukat**

**Mob. No. 94474 23306**

[shoukath@nielit.gov.in](mailto:shoukath@nielit.gov.in)