



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



सत्यमेव जयते

Ministry of Electronics and
Information Technology
Government of India

ISO 9001-2015 Certified

Certificate Course Prospectus

Verilog HDL Language and Coding for Synthesis

01st - 12th March 2021

Course Description

The objective of the course is to provide a thorough understanding about and hands-on with digital design & Verification using Verilog HDL

. The Course is planned with instructor led Offline/live sessions of lectures and demonstrations

[Click Here to Register](#)

Who can attend?

Anyone who is interested in digital front end VLSI Design

- Preferably Students pursuing Engineering

Course Content

Sno	Topics
1	Introduction to Verilog HDL & Hierarchical Modeling Concepts
2	Lexical Conventions & Data Types
3.	System Tasks & Compiler Directives
4.	Modules, Ports and Module Instantiation Methods
5.	Gate Level Modeling
6.	Dataflow Modeling
7.	Behavioral Modeling
8.	RTL Design and Logic Synthesis and Synthesis issues
9.	Design Verification using Test benches
10.	Mini-project /Case Studies

Fee and important dates

Fee	Rs. 3900/- <i>(Including all taxes)</i>
Last date for registration & payment	28 th February 2021
Sharing of Link / passwords& other details	01 st March 2021

Certificate

e-Certificate 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. Nandakumar.R – Scientist/Engineer 'D'
2. Sreejeesh S.G – Senior Technical Officer

Course Coordinator

Nandakumar.R

Scientist/Engineer 'D'

9995427802 (Whatsapp)

Email:nanda24x7@gmail.com

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*

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Ministry of Electronics & Information Technology,
Govt. of India

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