

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (CBIT)

Department of Electronics & Communication Engineering (ECE) &
Department of Information Technology (IT)

in collaboration with *National Institute of Electronics & Information Technology, Hyderabad*

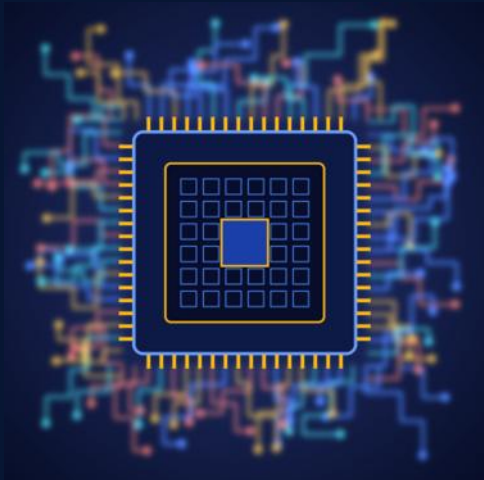
5-DAY BOOTCAMP ON

SEMICONDUCTOR DESIGN:

RTL, IP INTEGRATION & SOC SIGNOFF

Using Open-Source EDA Tools

A Hands-On Bootcamp on RTL Design, Verification, IP Integration & SoC Signoff



DATES
07 – 13 October
2026



DURATION
5 Days



MODE
Hands-On Training



CERTIFICATE
Certificate of
Completion

COURSE FEE

NIL

100% FREE

WHAT YOU WILL LEARN – HANDS-ON

1

RTL Design & Coding

SystemVerilog · RTL fundamentals

2

Functional Verification

Testbenches · Simulation & verification

3

Logic Synthesis

Open-source EDA · RTL-to-gate flow

4

IP Integration

Reusable IP blocks · Design integration

5

SoC Signoff

DFT basics · STA · Lint checks

6

Semiconductor Design Flow

RTL to signoff · Industry-relevant practices

COURSE HIGHLIGHTS

- Hands-on RTL Design & SystemVerilog Coding
- Functional Verification
- Open-Source EDA Tools
- Logic Synthesis
- IP Integration
- SoC Signoff Concepts
- DFT, STA & Lint
- Industry-Relevant Semiconductor Design Flow
- Expert Technical Guidance
- Practical Exposure to Semiconductor Design

WHO CAN ATTEND?

- B.Tech / B.E. students
- M.Tech students
- Research Scholars
- Faculty Members
- Students from CBIT and other colleges
- Students from ECE, IT, CSE, EEE and allied branches



IMPORTANT NOTE

Every participant is required to bring their own laptop for the hands-on training sessions.

FACULTY COORDINATORS

Dr. B. Khaleelu Rehman
Associate Professor, Department of ECE
Dr. P. Ramesh Babu
Associate Professor, Department of IT

CO- COORDINATORS

Dr. P. Anuradha
Associate Professor, Department of ECE
Smt . E .Ramalakshmi
Assistant Professor, Department of IT

REGISTER NOW

Registration Link:

<https://forms.gle/68nkPSuWhvX9AG8A7>

Certificate of Completion will be provided to successful participants.

FOR MORE DETAILS:

Tanguturi Sanjana
8688185007
Gopishetty Jeetha Sri
9490686459



SCAN TO
REGISTER

NO FEE · HANDS-ON LEARNING · INDUSTRY-RELEVANT SKILLS

LIMITED SEATS – REGISTER NOW