

B S Abdur Rahman Crescent Institute of Science & Technology
Vandalur, Chennai - 600048

Short Term Training Program on “VLSI Digital Design using EDA Tools”

March 3rd - 5th, 2025 (OFFLINE)

About the STTP

This training offers a focused, hands-on learning experience in Synopsys EDA tool understanding RTL design flow from synthesizable RTL code with constraints, Floor planning and Power Planning, Placement, CTS and Routing, STA, DRC, LVS and DFM. Hands on Lab session will help the participants to explore the RTL design flow using Synopsys EDA tool.

Course Content

- *An Insight :RTL to GDSII design flow using Synopsys EDA tools*
- *Simulation and Synthesis of RTL Codes – Synopsys EDA tool*
- *Timing and Power analysis of digital circuits - Synopsys EDA tool*
- *Digital Design Verification - QuestaSim*

Resource Persons

- *Industry Experts from Edveon technologies Pvt Ltd, Chennai*
- *Dr Jagannadha Naidu K, Associate Professor, VIT Vellore*
- *VLSI faculty team of ECE department-BSACIST*

Key Takeaway

- *Hands on Experience - RTL to GDS Flow - Synopsis EDA tool*
- *Digital Design Verification Methodologies*

Contact Details

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About the Institute

B.S. Abdur Rahman Crescent Institute of Science and Technology is a renowned Quality Leadership Institution located at Chennai since 1984. The Institution has offered access to a wide range of academic opportunities. With 56 programmes, grouped under 12 different Schools, 31 Undergraduate programmes, 25 Postgraduate programmes, and Ph.D. This institution is a rising stalwart in higher education with promising Quality, Security and Placement. The distinctive teaching at this institution makes the students and scholars to compete with themselves and each other. Apart from providing top-notch education, our green campus and well-planned student life are solely dedicated to making students utilize the ambience to the fullest. Through our wide array of educational programmes and unique clubs to foster student development activities, we provide opportunities and experiences that build community, help you grow personally and professionally, and create a place that you can call home now and throughout your life.

About the department

The Department of Electronics and Communication Engineering was established in the year 1994. It offers undergraduate program B. Tech-Electronics and Communication Engineering, B.Tech - Electronics and Computer Engineering and Postgraduate programme M. Tech VLSI and Embedded systems and Ph.D (Full time / Part time). The department has an optimum blend of staff members with Research & Development, Industrial and Academic experience. The department has excellent infrastructure with 14 laboratories with all industry standard hardware & software tools.

Target Audience

Engineering Students (UG/PG)
Research Scholars in VLSI domains
Faculty Members
Industry Professionals

Conveners and Coordinators

Convener
Dr.C.Tharini, Dean/SECS
Dr.G.Kannan, HoD/ECE
Co-convener
Dr.P.K.Jawahar, Professor/ECE
Coordinators
Dr.V.Jean Shilpa, Asso Prof/ECE
Dr S Anusooya, AP(SeLGr)/ECE

Online payment details:Internet banking

Beneficiary Name: B.S.Abdur Rahman

**Crescent Institute of Science and
Technology**

**Bank Name: INDIAN OVERSEAS,
Branch : Vandalur ,**

BANK A/C No. : 165702000000786

IFSC Code: IOBA0001657

REGISTRATION FEE:

RS.1000/-

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Last Date for Registration: February 28, 2025