

Target Participants

- Faculty/Lab technicians of ITI Institutes
- Faculty/Trainers of Polytechnic Colleges
- Post Graduate Teachers (PGT) teaching STEM subjects in Schools

Course Takeaways

- Fundamental concepts of chip design, HDL, and digital logic design.
- Hands-on experience with industry-standard VLSI tools like Cadence Virtuoso.
- Semiconductor fabrication processes and cleanroom environments.
- Low-power design techniques and analog circuit design methodologies.

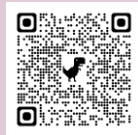
Registration procedure

There is no registration fee as it is sponsored under the MeitY scheme. Target participants can register to the FDP program by submitting their details in the online registration form.

Click the below link for Registration:

<https://forms.gle/y3YLCgwDRgdTvKaWA>

Venue for Practical Sessions:
Sharda University, Greater Noida



Chief Patron

Prof. (Dr.) Sibaram Khara
Hon'ble Vice-Chancellor
Dr. Bhuvnesh Kumar, Dean Research

Co-Patron

Dr. Rajeev Sharma, Professor

FDP Coordinator:

Dr. Mohit Sahni **Dr. Vishnu Dutt Sharma**
Associate Dean **Assistant Professor**
Research
Head PhD Cell

About C-DAC Mohali

Centre for Development of Advanced Computing (C-DAC) is the premier R&D organization of the Ministry of Electronics and Information Technology (MeitY), Government of India for carrying out R&D in IT, Electronics, and associated areas.

C-DAC Mohali offers Ph. D.s in Electronics and Information Technology, postgraduate degrees in advanced areas like VLSI design, embedded systems, and electronics product design, and summer and industrial training in the latest technology domains.

E& ICT Academy C-DAC Mohali

The Electronics & ICT Academy at C-DAC Mohali, supported by MeitY, Govt of India, offers short courses, FDPs, and certificate programs online and offline for faculty from engineering colleges, polytechnics, ITIs, technicians, and PG STEM teachers. These programs aim to bridge the gap between industry demands and academic learning, providing a solid foundation for careers in the ICT sector.

This five-year initiative, overseen by MeitY's HRD Division, is part of the E&ICT Academy Scheme—Phase II. It focuses on advancing education and innovation in electronics and ICT.

Course Highlights

- 40 Hrs. course well designed by the experts from industry & academia
- Theory, practicals, and pedagogy sessions to apply learning
- C-DAC Scientists will deliver sessions
- Build connections with peers & professionals
- Access to reading materials/resources
- Participation certificate will be issued

Note: The programme will be conducted in hybrid mode: 3 days online & 2 days in person.



FACULTY DEVELOPMENT PROGRAM ON

Basics Course in Chip Design

21st April 2025 – 25th April 2025
(Hybrid Mode)

**E&ICT Academy, Centre for
Development of Advanced Computing,
Mohali**

In Collaboration with

Sharda University, Greater Noida

Funded by:

**Ministry of Electronics and Information
Technology, Government of India**

For More Information visit:

www.acsd.ac.in