

Guest Lecture on Digital Logic Design: An Industry Perspective

Academic Year: 2024-25

Name of the Event: Guest Lecture on “Digital Logic Design: An Industry Perspective”

Date & Time of the Event: 16th October 2024 at 9.00 am to 12.00 noon

Name of the Speaker: Mr. Parikshit Godbole

Designation: Scientist F

Name of the Company / Institution with Address: Centre for Development of Advanced Computing [CDAC], Pune

Targeted Audience: SE IT

Venue: Offline PPCRC 302

Event Coordinator: Prof. Kanchan Bhale

Number of Participants: 67

Activity Description in Nutshell:

The Department of Information Technology has organized the Guest Lecture on Digital Logic Design: An Industry Perspective on 16th October 2024 in offline mode for SE IT students. The duration of the event was 3 hours started at 9.00 AM.

A total of 75 students have attended the guest lecture.

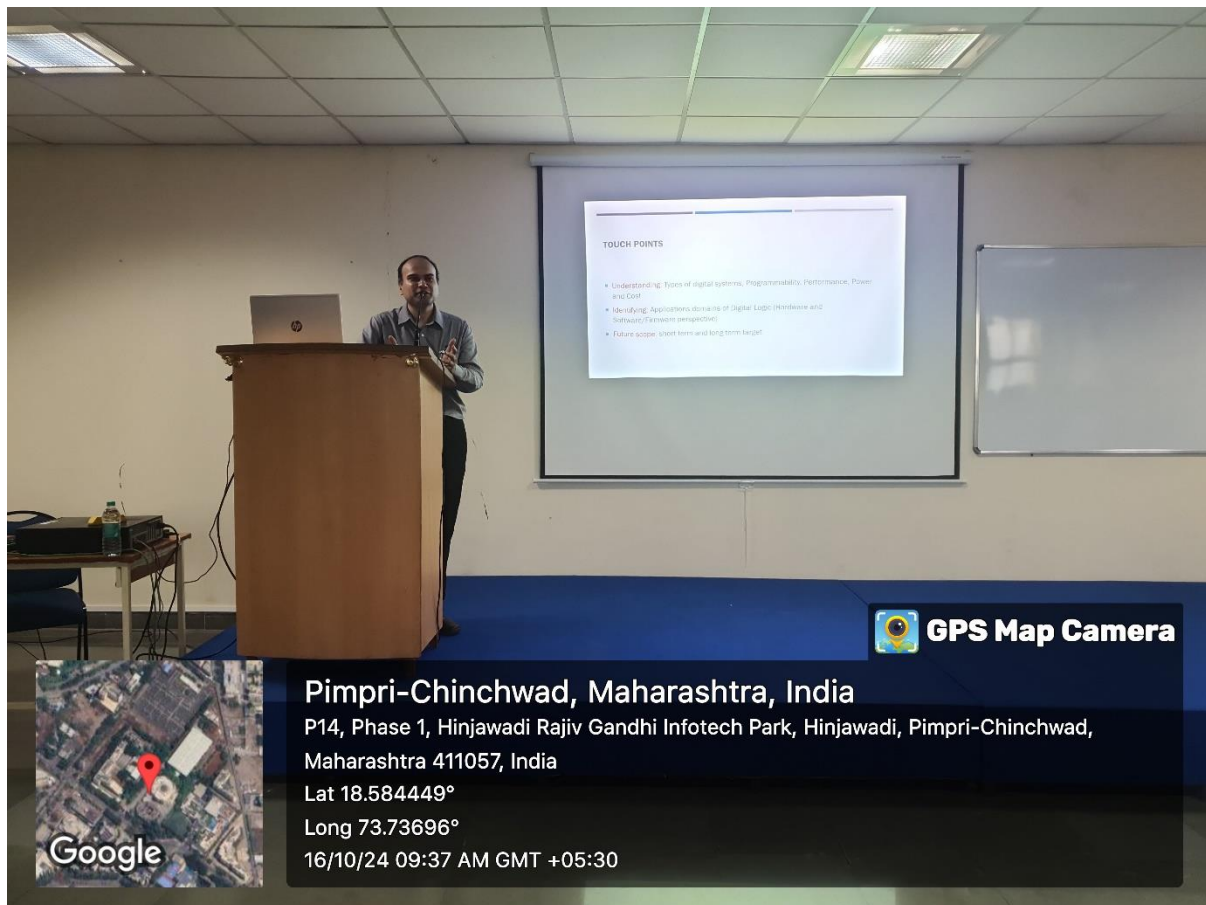
In this session, expert emphasized the importance of digital electronics in industry lens. He explained the VLSI and Embedded system design from software perspectives. Then he discussed different application domains where the knowledge of digital logic required such as Consumer Internet of things like washing machine, Automotive sensor processing like driverless car, use of digital logic in medical equipment. He also discussed memory hierarchy concept with respect to High Performance computing and cache organization. He explained working of cache organization and use of HPC for solving complex problem.

The objective of this session was to make students aware about the Digital logic design applications in Industry perspective. And how students can apply in real world problems. It is a kind of lifelong learning for students so that they will be able to grasp the knowledge of

different applications related to digital logic design. This will be helpful to students to different use cases and compare them with respect to application perspective.

The resource person has cleared all doubts/queries asked by the students. The event ended with a vote of thanks.

Event Photos:



1 Resource Person Giving overview of session



2Resource Person Addressing students



 **GPS Map Camera**



Pimpri-Chinchwad, Maharashtra, India

P14/1, Phase 1, Hinjawadi Rajiv Gandhi Infotech Park, Hinjawadi, Pimpri-Chinchwad,
Maharashtra 411057, India

Lat 18.584316°

Long 73.737046°

16/10/24 09:41 AM GMT +05:30

3Students Listening the session quietly

Event Coordinator

Head of Department