VIT
Vellore Institute of Technology

28TH IEEE INTERNATIONAL SYMPOSIUM ON VLSI DESIGN AND TEST

VDAT 2024

VIT Vellore, Tamil Nadu, India

School Of Electronics Engineering (SENSE)

Presents

HANDS ON VLSI DESIGN

USING CADENCE TOOLS

Pre-VDAT workshop

10th - 11th August, 2024

237A, Technology Tower

REGISTER AT:
https://events.vit.ac.in/

cadence®

About VDAT

The VLSI Design & Test Symposium (VDAT) began as a workshop in 1998 and became a symposium in 2005 due to growing participation. Since then, VDAT has been held annually, becoming a key event for VLSI professionals and academics. The symposium offers opportunities for academia, researchers, startups, and industry practitioners to share ideas, experiences, and knowledge in VLSI Design and Testing.

Over 27 years, this annual event has introduced many novel designs and technologies, contributing to global advancements in VLSI. High-quality technical paper presentations have guided participants towards new directions in VLSI technology.

In its 28th year, VDAT-2024 will be a three-day in-person event at the Vellore Institute of Technology (VIT), Vellore, Tamil Nadu, from September 1-3, 2024. VDAT-2024 is supported by the VLSI Society of India.

Who Can Attend ?

All VIT Undergraduate Students

Last Date for Registration

9th August 2024

Event Fee

₹ 250 only

CERTIFICATES will be provided

Course Content

- RTL Design: Introduction to Register Transfer Level (RTL) design
- RTL Simulation: Verifying the functionality of RTL code with Cadence simulation tools
- Gate Level Simulation: Simulating post-synthesis netlist to ensure design correctness
- Synthesis: Converting RTL code into a gate-level netlist using synthesis tools
- Physical design: Translating gate-level netlist into a physical layout with placement and routing

Convener:
Dr. S. Sivanantham
Dean, School of Electronics Engineering (SENSE)

Co-Convener:
Dr. Jagannadha Naidu K
HoD, Department of Micro & Nano Electronics

Coordinators:
Dr. S. Ravi,
Associate Professor
Dr. Rajeev Pankaj ,
Associate Professor

For Registration contact:
Bhavesh Sai
Contact No.: 7989269410

Required software will be provided