



# Dr. Nitin Sachdeva

## Assistant Professor

Department of Electronics Engineering,  
J.C Bose University of Science & Technology, Faridabad, Haryana, India

## Experience

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### Address

2L/58, N.I.T, Faridabad, Haryana, India

## Education

2003

### B.Tech (ECE)

Punjab Technical University, Jalandhar

2005

### M.Tech (VLSI Design)

Thapar Institute of Engineering & Technology, Patiala

2021

### Ph.D

J.C. Bose University of Science & Technology, YMCA, Faridabad

## Expertise

- VLSI Design
- VHDL/Verilog
- FPGA Boards
- Tanner EDA Tool
- SILVACO Device Simulator
- Modelsim, Xilinx Foundation Series ISE-6

## Language

English, Hindi, Punjabi

- Worked as a Lecturer in Electronics & Communication Department in Sant Longowal Institute of Engineering & Technology, Longowal (Sangrur, Punjab) from 2005 to 2006
- Worked as a Sr. Lecturer in Electronics & Communication Department in ITM, Gurgaon from 2006 to 2007
- Joined as Lecturer in J.C. Bose University of Science & Technology, YMCA, Faridabad in 2007 to till now

## Google Scholar Profile

Citations 46

h-index 5

i10-index 0

## Publications: Journals/Conferences

No. of Publications 40

## Short Term Courses

No. of STC/FDP/Workshops attended 24

## As Reviewer

- Elesvier, YMCAUST Journal
- Reviewer of Various Conferences

## **M.Tech Dissertation/Projects**

No. of B.Tech/ M.Tech Students Guided 33

## **Member of Professional Bodies**

- The Indian Society for Technical Education (ISTE)
- The Institution of Engineers (IEI)
- The Indian Science Congress Association (ISCA)

## **Expert Lectures/Hands on Training**

- Expert Lecture on "Digital System Design using VHDL" in AICTE Training and Learning (ATAL) Sponsored Online One Week Faculty Development Program on FDP on "Digital Implementation using Zynq FPGA IC"
- Hands on Training on "Implementation of Digital Logic Circuit" in AICTE Training and Learning (ATAL) Sponsored Online One Week Faculty Development Program on FDP on "Digital Implementation using Zynq FPGA IC"

## **Achievements**

- Roll of Honour by Chief Minister, Punjab - Deptt. Of Sports & Punjab Olympic Association (Softball)
- Winner - National Softball Championship, Kurukshetra
- Colour Certificate (Badminton) - Punjab Technical Institutions Sports, Jalandhar