

## NATIONAL INSTITUTE OF TECHNOLOGY DELHI Department of Electronics & Communication Engineering



Organizing
Six Days Short Term Training Programme

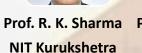
# **HANDS-ON SESSION**

# DIGITAL DESIGN FLOW IN FPGA AND RTL TO GDSII

September 9 to 14, 2024 (Hybrid Mode)

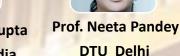








na Prof. Sudeb Dasgupta a IIT Roorkee, India



G

Y Prof. Noor Mohd. IITDM Kancheepuram



Prof. Prathiba A VIT Chennai



Mr. Upendra Gupta

**CoreEL Technologies** 

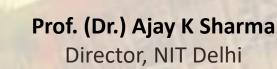




Mr. Kumar Divya CoreEL Technologies

Mr. Anish Kumar Entuple Technologies











### Registration

**Register for STTP through the following form link** https://forms.gle/tdRcdVwyDNaGBCdo7

Last date for registration: September 5, 2024 Participants will be notified via email

#### **Topics to be Covered**

- ✓ Modern Digital VLSI Design
- ✓ VLSI architecture for Signal Processing
- ✓ Hands-on: FPGA Architectures and RTL Analysis
- ✓ Hands-on: PYNQ Python Productivity
- ✓ Hands-on: Embedded System Design
- ✓ Hands-on: Custom IP Design
- ✓ Nanometer SRAM Design
- ✓ Hardware Architecture for Encryption Algorithm
- ✓ Hands-on: RTL to GDS II
- ✓ Analog and Digital Design Flow Using Cadence Tool
- ✓ Case Study & Assignment

## The registration fee for the course is as follows:

**UG/PG/PhD:** INR 500 Faculty: INR 800 Industry personals: INR 1000

Deposit the fee in following account or scan to pay:

Account Holder's Name: Director National Institute of **Technology Fee Collection** 

Account Number: **IFSC Code:** Bank Name & Branch:

#### **CHIEF PATRON**

Prof. (Dr.) Ajay K Sharma Director, NIT Delhi

#### **CONVENOR(s)**

CIC0004610

Dr. D. Vaithiyanathan Assistant Professor, NIT Delhi Dr. Preeti Verma

#### **COORDINATOR(s)**

Dr. Baljit Kaur Assistant Professor, NIT Delhi

Dr. Manish Verma Assistant Professor, NIT Delhi

Scan to Pay



ICICI Bank, Delhi-NIT Narela Subcity

Dr. Rikmantra Basu HoD. ECE, NIT Delhi

Assistant Professor, NIT Delhi

For any queries Please Contact: Dr. Preeti Verma, Email: preetiverma@nitdelhi.ac.in, Contact No.: +91-9717063730