



NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Department of Electronics and Communication Engineering



TENTATIVE SCHEDULE OF SHORT-TERM COURSE ON “LATEST TRENDS IN VLSI DEVICES, CIRCUITS AND TOOLS”
19th-24th, September 2022, Hybrid Mode (Participant can attend either Online or Physical mode)

	19.09.2022 Monday	20.09.2022 Tuesday	21.09.2022 Wednesday	22.09.2022 Thursday	23.09.2022 Friday	24.09.2022 Saturday
10:00 AM- 12:00 NOON	Inauguration Followed by Lecture on Digital VLSI Design Prof. R. K. Sharma, NIT Kurukshetra	Organic Devices & Circuits Prof. Brijesh Kumar, IGDTW Delhi	High Speed FPGA Design Prof. G. Seetharaman, IIIT Trichy	Nanometer SRAM Design Prof. Neeta Pandey, DTU Delhi	Analog IC Design Prof. Ashish Raman, NIT Jalandhar	Memory Design Prof. S. K. Manhas, IIT Roorkee
Lunch Break						
02:00 PM - 04:00 PM	SoC Design D.Vaithyanathan, NIT Delhi Various substrate impacts on HEMT Prof. D. Nirmal, Karunya Institute of Technology and Sciences	Challenges and Recent Trends in Analog Layout Design Mr. Sanket Mukund Sonar, STMICROELECTRONICS, NOIDA	FPGA Design Flow Prof. K.Kunraraj, Loyola-ICAM College of Engineering and Technology (LICET), Chennai	Digital IC Design Flow Using Cadence Tool Mr. Mamidi Nagaraju, Entuple Technologies Pvt. Ltd.	Analog IC Design Flow Using Cadence Tool Mr. Mamidi Nagaraju, Entuple Technologies Pvt. Ltd.	Architecture for Signal Processing Prof. Mariammal K, MIT, Anna University, Chennai & SystemVerilog based Verification Methodologies - and OVM & UVM Prof. Britto Pari James, Vel Tech University, Chennai

Chief Patron: Prof. Ajay K Sharma, Director, National Institute of Technology Delhi

Convenor: Dr.D.Vaithyanathan, Assistant Professor, Dept. of ECE, National Institute of Technology Delhi,

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Coordinators: Dr. Baljit Kaur & Dr. Preeti Verma, Assistant Professor, Dept. of ECE , National Institute of Technology Delhi

For further details: https://nitdelhi.ac.in/wp-content/uploads/2022/08/STC_VILSI_Devices_Circuits_Tools.pdf

Registration Link: <https://docs.google.com/forms/d/1o-4vlzCBR04m24M42p7ZebKL27MfX9Wgxz7Vr2rERrs/edit>

Last date for registration extended till 16.09.2022