CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT), CHANGA – 388 421

Chandubhai S. Patel Institute of Technology

V .T. Patel Department of Electronics and Communications Engineering

Report for Expert Talk

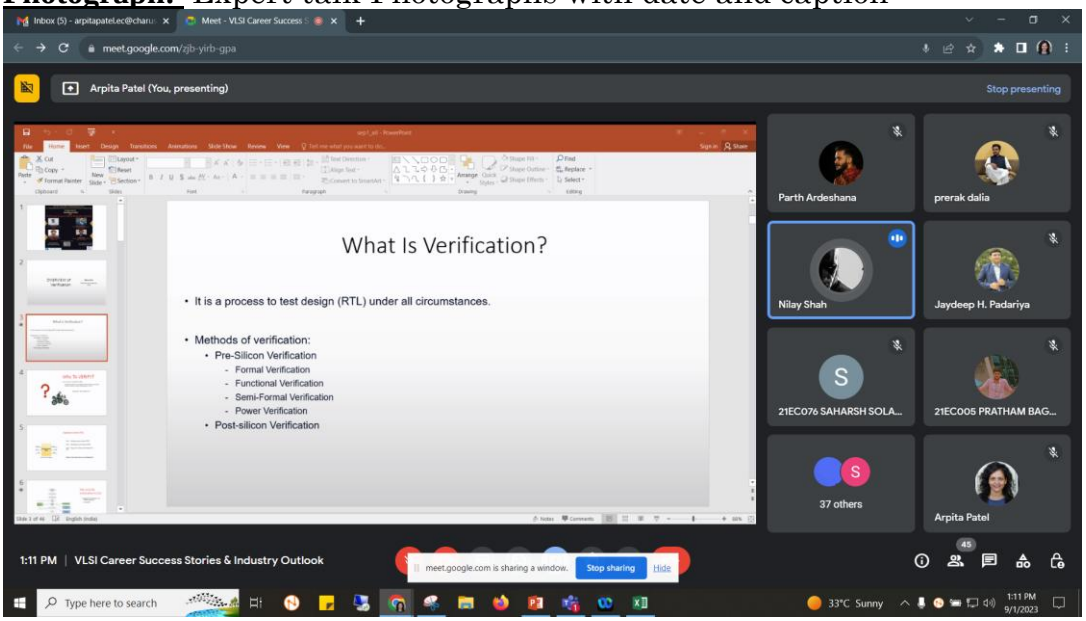
Date: 01-09-2023

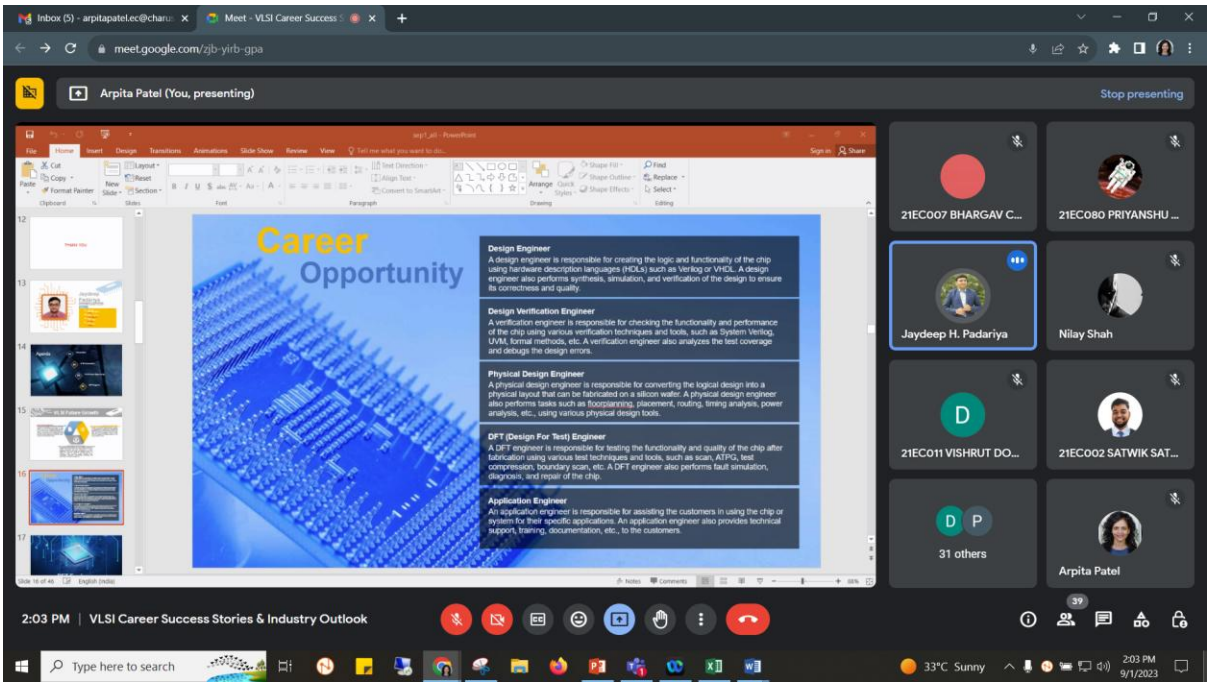
Date: September 1, 2023
No.of Participants:45
Organized by: Mrs. Arpita P. Patel
ResourcePerson: Mr.Jaydeep Padariya,Parth Ardesana,Prerak Dalia and Nilay soni

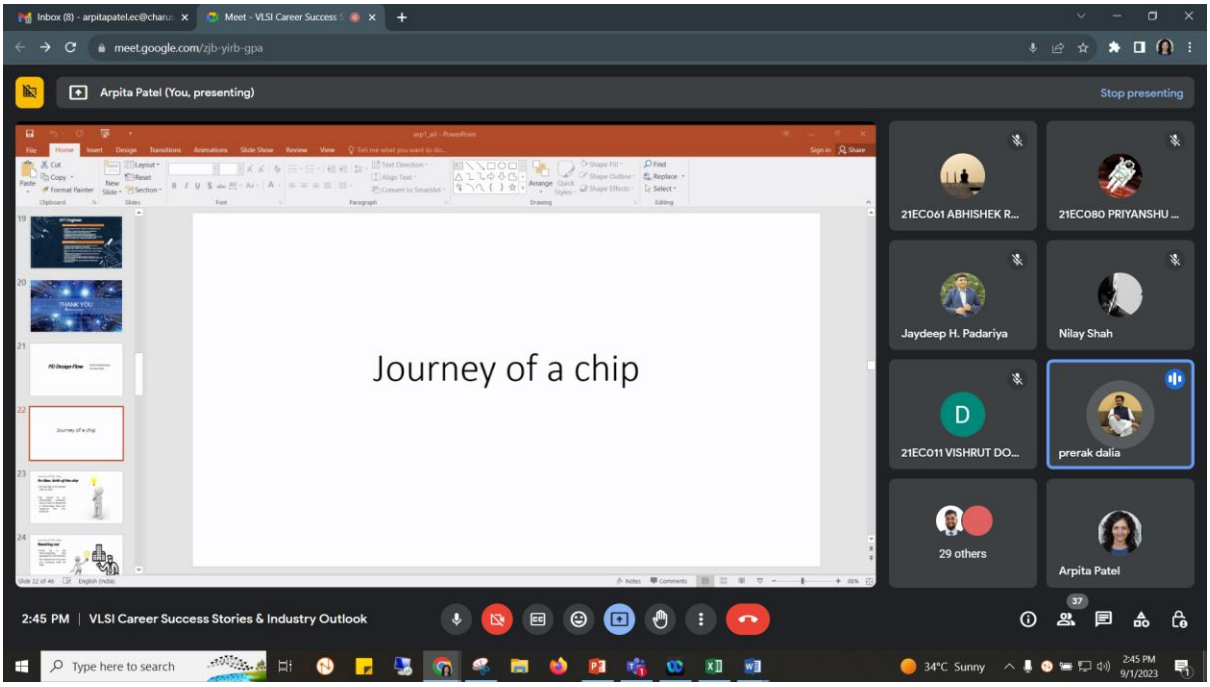
Type: Expert talk
Title: VLSI Career Success Stories & Industry Outlook
Date and Time: 01-09-2023, 01:00 AM to 3:30 pm. (2.50Hours),
Summary/Topics covered in Expert Talk:

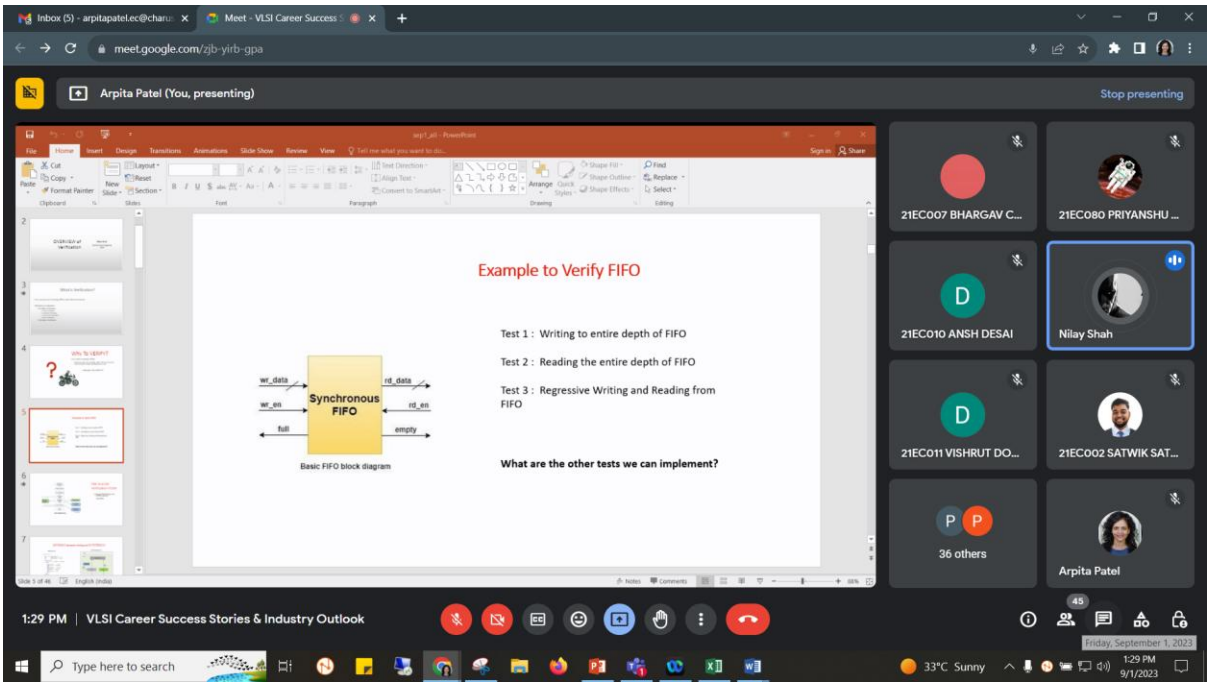
- Introduction to ASIC flow, Journey of a chip
- Job opportunities for PD, DFT and verification engineer
- Overview of verification, Pre silicon verification flow

Photograph: Expert talk Photographs with date and caption




Inbox (5) - arpitapatel.ec@charu
Meet - VLSI Career Success
meet.google.com/zjb-yirb-gpa
Arpita Patel (You, presenting)
Stop presenting
Career Opportunity
Design Engineer
A design engineer is responsible for creating the logic and functionality of the chip using hardware description languages (HDLs) such as Verilog or VHDL. A design engineer also performs synthesis, simulation, and verification of the design to ensure its correctness and quality.
Design Verification Engineer
A verification engineer is responsible for checking the functionality and performance of the chip using various verification techniques and tools, such as System Verilog, UVM, formal methods, etc. A verification engineer also analyzes the test coverage and debugs the design errors.
Physical Design Engineer
A physical design engineer is responsible for converting the logical design into a physical layout that can be fabricated on a silicon wafer. A physical design engineer also performs tasks such as floorplanning, placement, routing, timing analysis, power analysis, etc., using various physical design tools.
DFT (Design For Test) Engineer
A DFT engineer is responsible for testing the functionality and quality of the chip after fabrication using various test techniques and tools, such as scan, ATPG, test compression, boundary scan, etc. A DFT engineer also performs fault simulation, diagnosis, and repair of the chip.
Application Engineer
An application engineer is responsible for assisting the customers in using the chip or system for their specific applications. An application engineer also provides technical support, training, documentation, etc., to the customers.
21EC007 BHARGAV C...
21EC080 PRIYANSHU ...
Jaydeep H. Padariya
Nilay Shah
21EC011 VISHRUT DO...
21EC002 SATWIK SAT...
31 others
Arpita Patel
2:03 PM | VLSI Career Success Stories & Industry Outlook
Type here to search
33°C Sunny
2:03 PM
9/1/2023


Inbox (8) - arpitapatel.ec@charu
Meet - VLSI Career Success
meet.google.com/zjb-yirb-gpa
Arpita Patel (You, presenting)
Stop presenting
Journey of a chip
21EC061 ABHISHEK R...
21EC080 PRIYANSHU ...
Jaydeep H. Padariya
Nilay Shah
21EC011 VISHRUT DO...
prerak dalia
29 others
Arpita Patel
2:45 PM | VLSI Career Success Stories & Industry Outlook
Type here to search
34°C Sunny
2:45 PM
9/1/2023



Total Number of students: 45

Amount sanctioned by CSPIT/CHARUSAT:

Accounts details:

Sr. No.	Details	Rupees
Income		
1.		NIL
Expenses		
1.		NIL
Total		

Overall impact of workshop: Very Good

Coordinator Sign:

Head of Department Sign:

Attendance:

SrNo	Participants Type	StudentID
1	CHARUSAT STUDENT	21ec004
2	CHARUSAT STUDENT	21ec005
3	CHARUSAT STUDENT	21ec006
4	CHARUSAT STUDENT	21ec007
5	CHARUSAT STUDENT	21ec008
6	CHARUSAT STUDENT	21ec009
7	CHARUSAT STUDENT	21ec017
8	CHARUSAT STUDENT	21ec018
9	CHARUSAT STUDENT	21ec019
10	CHARUSAT STUDENT	21ec020
11	CHARUSAT STUDENT	21ec021
12	CHARUSAT STUDENT	21ec022
13	CHARUSAT STUDENT	21ec023
14	CHARUSAT STUDENT	21ec024
15	CHARUSAT STUDENT	21ec025
16	CHARUSAT STUDENT	21ec026
17	CHARUSAT STUDENT	21ec027
18	CHARUSAT STUDENT	21ec028
19	CHARUSAT STUDENT	21ec050
20	CHARUSAT STUDENT	21ec051
21	CHARUSAT STUDENT	21ec052
22	CHARUSAT STUDENT	21ec053
23	CHARUSAT STUDENT	21ec054
24	CHARUSAT STUDENT	21ec055
25	CHARUSAT STUDENT	21ec056
26	CHARUSAT STUDENT	21ec057
27	CHARUSAT STUDENT	21ec058
28	CHARUSAT STUDENT	21ec059
29	CHARUSAT STUDENT	21ec060
30	CHARUSAT STUDENT	21ec061
31	CHARUSAT STUDENT	21ec062
32	CHARUSAT STUDENT	21ec063
33	CHARUSAT STUDENT	21ec064
34	CHARUSAT STUDENT	21ec065
35	CHARUSAT STUDENT	21ec066
36	CHARUSAT STUDENT	21ec067
37	CHARUSAT STUDENT	21ec068
38	CHARUSAT STUDENT	21ec069
39	CHARUSAT STUDENT	21ec070
40	CHARUSAT STUDENT	21ec071