

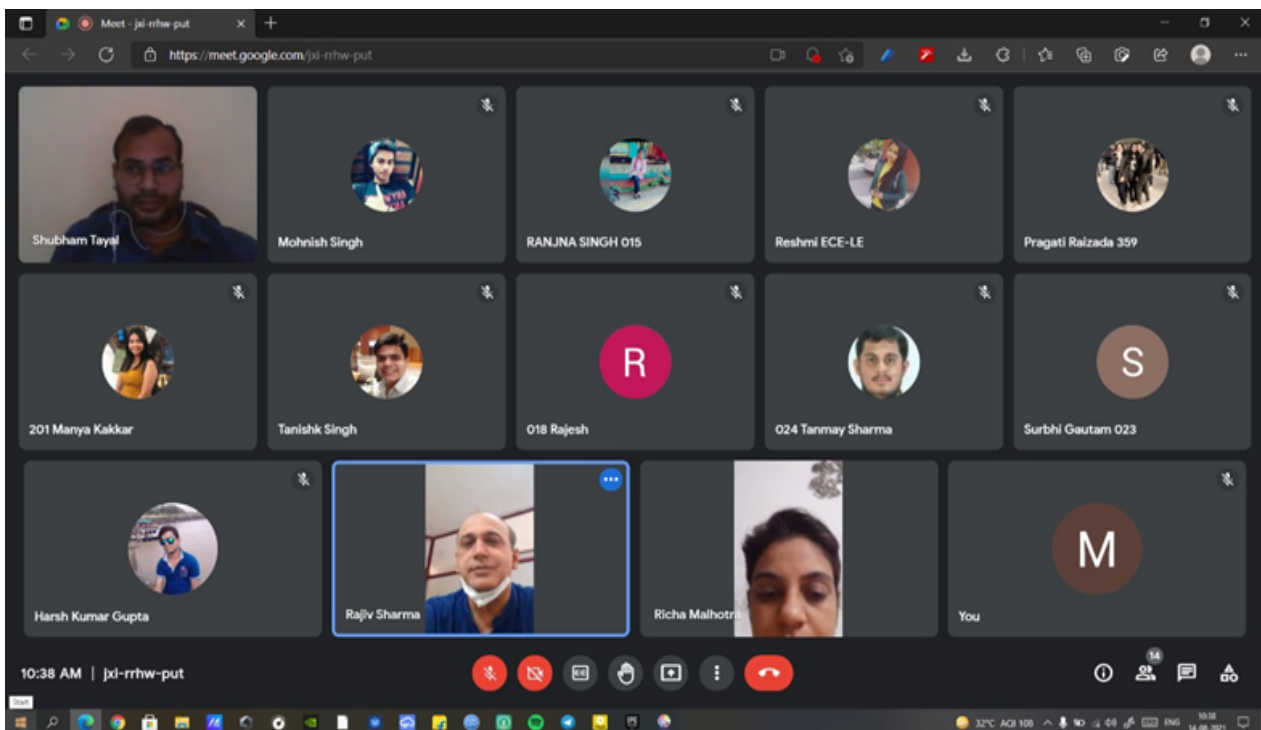
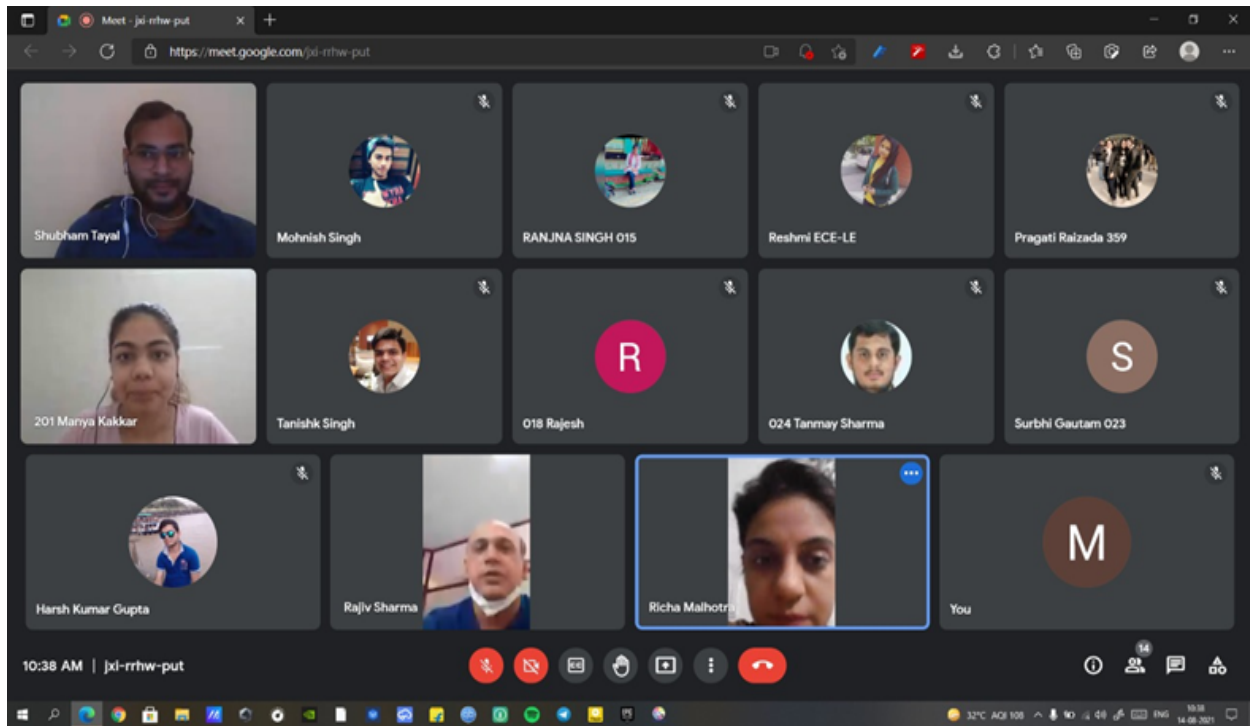
**Dr. Akhilesh Das Gupta Institute of Technology & Management ,  
Shastri Park, New Delhi.**

**(Formerly Northern India Engineering College)**

**Expert Talk on 14/08/2021 by Dr. Shubham Tayal**

|                     |   |
|---------------------|---|
| <b>Title</b>        | Expert Talk by Dr. Shubham Tayal, Assistant Professor in the Department of Electronics and Communication Engineering at SR University, Warangal, India.   |
| <b>Organized by</b> | Electronics and Communication Engineering Department  |
| <b>Venue</b>        | Google Meet ( ONLINE ,VIRTUAL MODE)   |
| <b>Date</b>         | 19/06/2021  |
| <b>Description</b>  | <p>ECE Department of ADGITM organized a talk by Dr. Shubham Tayal, Assistant Professor in the Department of Electronics and Communication Engineering at SR University, Warangal, India.. He is the editor/co-editor of 8 books in total from CRC Press (Taylor &amp; Francis Group, USA) and Springer Nature, and a recipient of Green Thinker Z International Distinguished Young Researcher Award 2020. His research interests include simulation and modelling of Multi-gate semiconductor devices, Device-Circuit co-design in digital/analog domain, machine learning, and IoT. Mr Shubham discussed about the history, evolution and applications of Transistor, This was followed by some inspiring words from our Prof. (Dr.) Rajiv Sharma ,HOD, ECE.</p> <p>The objective of the expert talk was to give an insight to the students about how the semiconductor industry works and details of the transistors using various examples. Ms Shubham Tayal encouraged the students about how it is vital to not give up and interact with the people around you, taking small steps will assist you to accomplish your task. Students interacted and cleared their doubts about processors used these days, how the industry works. He furthermore guided the students about how important final year college is for preparation.</p> |

|                            |  |
|----------------------------|--|
| <b>Outcomes:</b>           | <b>Students interacted and cleared their doubts about role and applications of transistors at different technology nodes</b> |
| <b>Photograph (if any)</b> | Attached   |



Meet - jxi-rrhw-put

https://meet.google.com/jxi-rrhw-put

Shubham Tayal is presenting

NEC COLLEGE - PowerPoint

File Home Insert Design Layouts Animations Slide Show Review View Recording Help Tell me what you want to do

Play Narrations Use Timings Monitor Automatic Use Presenter View

SR UNIVERSITY

### Transistor Technologies For Future Technology Node Applications

Dr. Shubham Tayal  
Director International Relations and Assistant Professor/ECE  
SR University, Warangal

Research Gate [https://www.researchgate.net/profile/Shubham\\_Tayal/](https://www.researchgate.net/profile/Shubham_Tayal/)  
Google Scholar <https://scholar.google.co.in/citations?hl=en&user=ggvC70L444J>

10:41 AM | jxi-rrhw-put

32°C ACI 100

10:41 14.08.2021

Meet - jxi-rrhw-put

https://meet.google.com/jxi-rrhw-put

Shubham Tayal is presenting

NEC COLLEGE - PowerPoint

File Home Insert Design Layouts Animations Slide Show Review View Recording Help Tell me what you want to do

HOME NEWS

by Brandon Hill — Wednesday, January 13, 2021, 11:09 AM EDT

### Intel 5nm And 3nm CPU Launches Reportedly Pulled In With TSMC's Help

PCMag India > Computers & Electronics > Components > Processors

## Despite 7nm Struggle, Intel to Keep Investing in 5nm, 3nm Chip Technologies

Intel CEO Bob Swan says the company will remain an integrated devices manufacturer, even as it mulls whether to outsource its 7nm chip production to a third-party foundry.

By Michael Kan Dec 2, 2020, 4:32 a.m.

11:16 AM | jxi-rrhw-put

34°C Haze

11:16 14.08.2021

