



Region 10
IEEE PES MSIT Student Chapter
SEMINAR REPORT ON
“VLSI and Embedded Systems”

Chapter Advisor	Chairperson	Vice-Chairperson	General Secretary	Treasurer	PR Representative
Dr. Jyoti Jain	Jigyasa Kaur Chawla	Priyanshu Prasad	Ifra Siddiqua	Subrat Priya Ranjan	Pranav Sood

POSTER OF THE EVENT



Date: 29 April 2024

Time: 10:00 AM IST

Location: Seminar hall 406, MSIT building

- **IEEE PES MSIT student chapter, Electrical & Electronics Engineering, Electronics & Communication Engineering Department of MSIT**, in collaboration with **IEEE PES IAS CHAPTER DELHI** and **PELS CHAPTER DELHI**, under the guidance of chapter advisor, **Dr. Jyoti Jain**, hosted a seminar on the compelling topic of "**VLSI and Embedded Systems**". The seminar aimed to delve into the intricacies of these cutting-edge technologies and their profound implications across various industries.

- Mr. Vaibhav Mishra, a renowned figure in the fields of FPGA, Embedded Systems, and Management, was the esteemed speaker.

- Throughout the seminar, Mr. Mishra delved into the technical intricacies of VLSI and Embedded Systems, shedding light on their applications and advancements. He shared invaluable perspectives gained from his collaborations with leading technology companies, emphasizing the importance of innovation and strategic partnerships in driving success.

- Mr. Mishra engaged the audience with an interactive presentation, elucidating the pivotal role of VLSI and Embedded Systems in today's world. He emphasized their significance in various industries, from consumer electronics to automotive and healthcare, showcasing their indispensable contribution to technological advancements.

- Through his presentation, he provided valuable insights into securing internships and placements in this sector. He outlined the skills and competencies sought after by recruiters, guiding aspiring engineers on the path to career success.

- The importance of foundational knowledge in electronics, digital design, and programming languages was also highlighted.

- He also elucidated the diverse domains within VLSI and Embedded Systems, including ASIC design, FPGA development, embedded software development, and hardware-software co-design. He showcased the wide array of industries and applications where these technologies are employed, from telecommunications to aerospace.

- Attendees were provided insights into the prominent companies operating in the VLSI and Embedded Systems sector. Examples were shared of industry giants such as Intel, Qualcomm, Nvidia, and Texas Instruments, highlighting their contributions to innovation and technological advancement.

- A few students from our college in this sector shared practical experiences, diverse career pathways, and advice emphasizing persistence and mentorship.

- As the seminar drew to a close, heartfelt gratitude was extended to Mr. Vaibhav Mishra for his invaluable contributions. His profound insights and guidance navigated attendees through the complexities of VLSI and Embedded Systems, leaving a lasting impact on all participants.

ATTENDANCE

Total – 50+

IEEE Members – 10

Non-IEEE Members – 40+

Submitted by

Dr. Jyoti Jain

ORGANIZING COMMITTEE

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PHOTOGRAPHS OF THE EVENT



