



CERTIFICATE COURSE ON INTRODUCTION TO VLSI TESTING & EDA TOOLS

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12 th Feb 2024 - 22nd April 2024



Duration: 30 hours

ORGANIZED BY
RIG - VLSI
DEPARTMENT OF ECE, ASIET

SCOPE

The course offers a broad scope, covering essential aspects of Very Large Scale Integration (VLSI) testing and Electronic Design Automation (EDA) tools. Participants will explore topics ranging from test planning and fault modeling to the practical implementation of advanced EDA tools for efficient chip design. The curriculum spans both theoretical foundations and hands-on applications, providing an understanding of VLSI testing strategies and exposure to cutting-edge EDA technologies. As the semiconductor industry continually evolves, this course equips students with the skills and knowledge necessary to contribute effectively to the design, testing, and verification processes in the development of sophisticated integrated circuits.

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ABOUT THE COURSE

The course on Introduction to VLSI Testing & EDA Tools offers a comprehensive exploration into the field of Very Large Scale Integration (VLSI) testing and Electronic Design Automation (EDA) tools. Students will delve into the fundamental concepts of VLSI testing, learning the intricate methods employed to ensure the reliability and functionality of complex integrated circuits. The curriculum also includes an in-depth examination of EDA tools, equipping participants with the skills to efficiently design, simulate, and verify electronic systems. Through a blend of theoretical knowledge and hands-on practical exercises, students will gain a solid foundation in VLSI testing strategies and become proficient in utilizing state-of-the-art EDA tools, preparing them for the challenges of modern semiconductor industry practices.

COURSE BENEFITS

- Internship opportunities in core industries
- Exposure to Industry environment and standards



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