



NEW HORIZON
COLLEGE OF ENGINEERING



Department of Research and Development
Department of Electrical and Electronics Engineering

Faculty Development Programme

Advancements in VLSI/Semiconductor Industry and Introduction to Design for Test Methodologies



17th - 22nd March 2025



09:30 AM - 04:30 PM



Tejas Seminar Hall



Faculty Coordinators

Dr. Karthika M

Associate Professor - EEE

Dr. Gunapriya B

Associate Professor - EEE

Praveen Kumar Reddy K

DFT Engineer - Qualcomm India Pvt Ltd
Bengaluru

Organizing Committee

Dr. Vinoth Kumar K

Professor and Associate Head - R&D
Advisor - IEEE CSC NHCE SBC

Dr. Sakthivel A

HoD - EEE

Dr. Revathi V

Dean R&D

Dr. Manjunatha

Principal



Event Report

Title	Faculty Development Programme on “Advancements in VLSI /Semiconductor Industry and Introduction to Design for Test Methodologies”	
Department	Research & Development, and Electrical & Electronics Engineering	
Date	From: 17.03.2025	To: 22.03.2025
Time	From: 09:30 AM	To: 04:30 PM
Brief Description	In collaboration with IEEE CSE SBC, the Department of Electrical and Electronics Engineering and the Research & Development Division of New Horizon College of Engineering successfully organized a thought-provoking Faculty Development Programme on “Advancements in VLSI /Semiconductor Industry and Introduction to Design for Test Methodologies” held at Tejas Seminar Hall from 9:30 AM to 4:30 PM. The sessions was conducted by Mr. Praveen Kumar Reddy K, a seasoned Design for Test (DFT) Engineer at Qualcomm India Pvt Ltd, Bengaluru. The Faculty Development Program (FDP) was designed to equip faculty members and researchers with a comprehensive understanding of the latest trends in semiconductor and VLSI (Very-Large-Scale Integration) technologies. A special emphasis was placed on Design for Test (DFT) techniques—an essential part of the design and manufacturing process in today’s electronic systems. Attendees gained invaluable insights into how these technologies are shaping academic research and industrial applications. The sessions facilitated active engagement between Mr. Praveen and the participants, allowing for an enriching exchange of knowledge and experiences. The organizers expressed a sincere appreciation to Mr. Praveen for his dedication and commitment in delivering an informative and engaging seminar. The event was met with enthusiastic feedback, as participants praised the depth and relevance of the discussion. Special acknowledgment was given to the organizing team for their diligent efforts in coordinating the event, which was attended by 40 faculty members and students.	





