

International Conference on Semiconductor Chip Design and Manufacturing (SCDM2025)

School of Engineering

Indrashil University

Program Schedule

Date: 21-06-2025

Time	Guests and Speaker	Topic
Plenary Talk		
9:00 AM	Dr Subhash Bera, Deputy Director, SAC, ISRO, India	Semiconductor Electronics in Satcom Transponder
9:30 AM	Parimal Govani, Head, VLSI Emulation & Test Division, SAC, ISRO, India.	Low Power and Emulation aspects of VLSI design Verification & Validation for Space & Associated Chip designs.
Invited Talk		
10:00 AM	Dr. Dipesh Panchal and Dr. Jignesh Patoliya, eInfochips, Ahmedabad, India	Quantum world- Insights of evolution, application and challenges
10:45 AM	Raksha Ram, Scientist /Engineer, SAC, ISRO, Ahmedabad	Semiconductor Antenna Technologies- Innovations & Applications
11:20 AM	Anup Shah, CEO, Insignex, Anand	Role of Memory Controller in Multi-Hardware – accelerator ASIC
12:00 PM	Chris Gould, Senior Lecturer, De Montfort University, UK	Power and Energy in Semiconductor and Energy Harvesting
12:20 PM	Dr Saroj Mondal, IIT Dharwad, India	Energy Sub-System for Powering the Internet of Things
12:50 PM	Deepa Sharma, Scientist /Engineer, SAC, ISRO, Ahmedabad	Flat Panel Multi-Layer Board (MLB) Active Phased Array Antenna Technology
2:00 PM	Hens-Tung (Becker) Hsu, Professor, International College of Semiconductor Technology, National Yang Ming Chiao Tung University, Taiwan (Online)	Design Techniques for the Boost of Operating Frequency
Panel Discussion		
2:30 PM	Moderator: Jwalant Joshipura, NXP Semiconductors, Bangalore Panel Members: Dr Ajay Agarwal – IIT Jodhpur, Anup Shah- Insignex Amol Trivedi –TCS Parimal Govani – SAC, ISRO	Semiconductors: From Silicon to System- Role of Industry and Academics for Viksit Bharat
Invited Talk		
3:15 PM	Dr Ajay Agarwal, Professor, IIT Jodhpur, India	Opportunities in the Emerging Indian SEMICON Ecosystem
Invited Demonstration		
4:00 PM	Arya Suthar Indiesemic Pvt Limited, Ahmedabad	Product Demonstration