



IEEE CASS sponsored under Outreach Initiative proposal

Technical Workshop on VLSI Physical Design

by IEEE CAS Society (CASS) SBC60981AG



Date: 14.12.2024

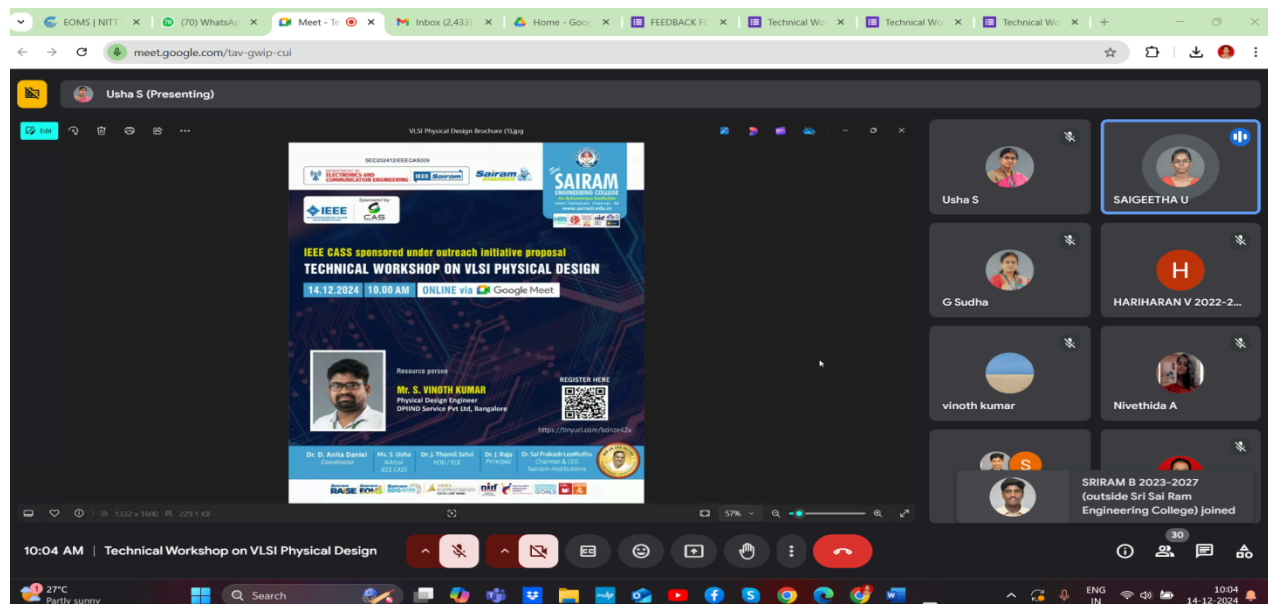
Time: 10.00 AM to 04.00 PM (India Standard Time - Kolkata)

Gmeet Link: <https://meet.google.com/tav-gwip-cui>

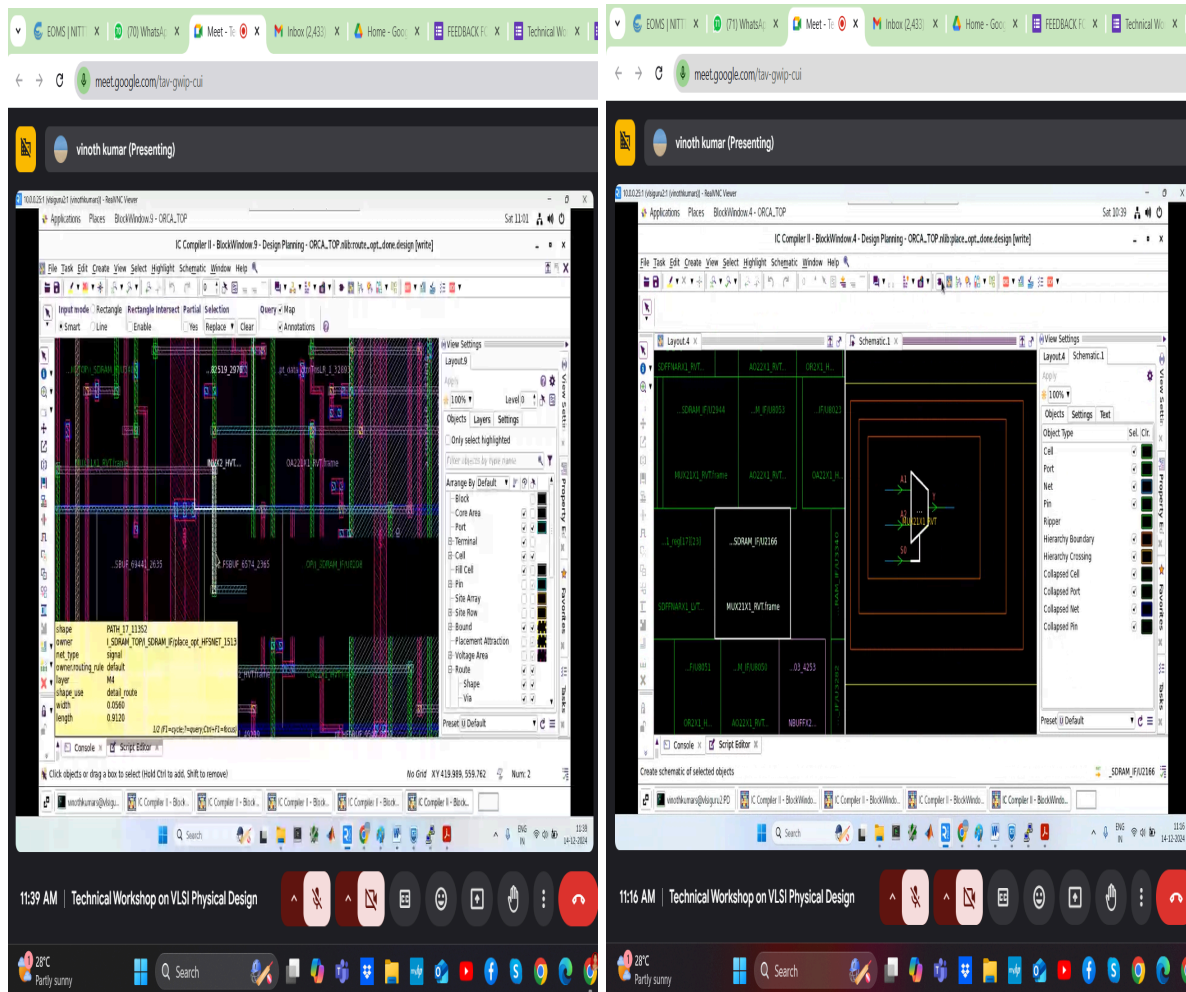
Speaker: Mr. S. Vinoth Kumar,
Physical Design Engineer,
DPIIND Service Pvt Ltd, Bangalore.

Title: Technical Workshop on VLSI Physical Design

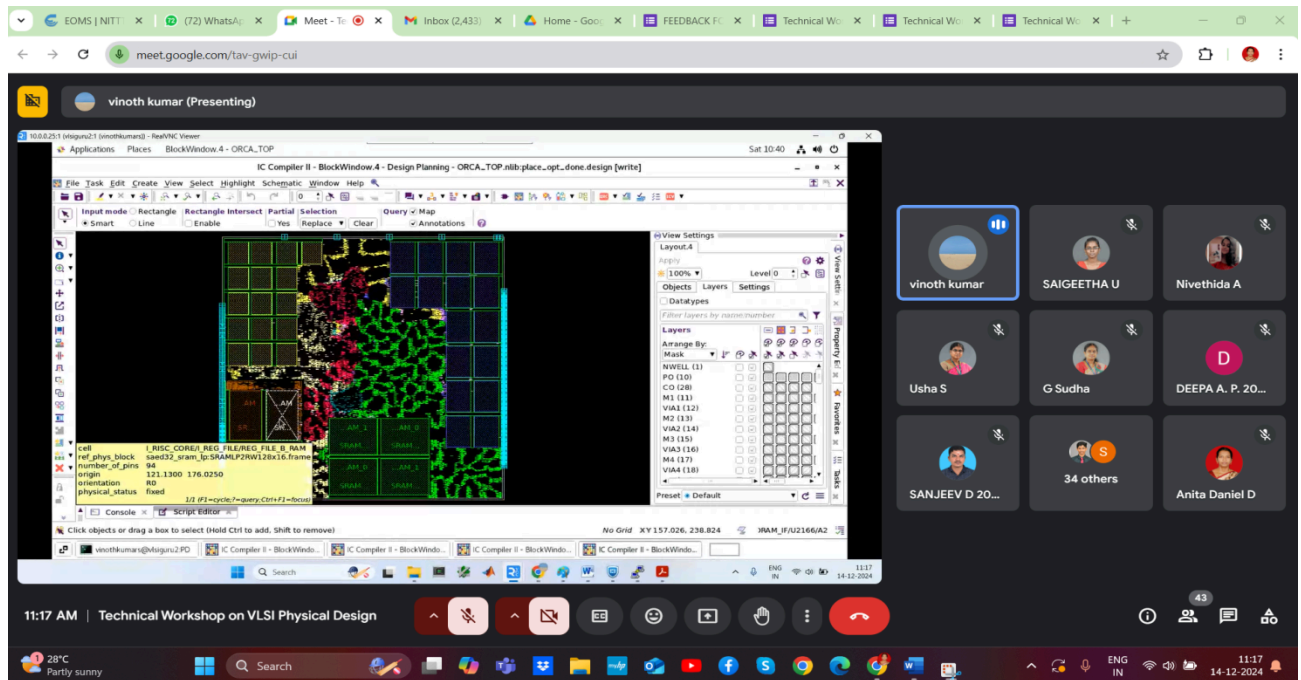
On 14th December, the Department of Electronics and Communication Engineering in collaboration with IEEE CASS SBC organized the Technical Workshop on VLSI Physical Design through online mode. This event was sponsored under Outreach Initiatives by IEEE CAS Society. It started with the Welcome Address and Introduction of the Resource Person by the student Members **Ms Nivethitha** and **Ms Saigeetha**, IEEE Circuits and Systems Society, Sri Sairam Engineering College. Next, the session was taken over by **Mr. S. Vinoth Kumar**. 50 participants attended this Technical Workshop.



A VLSI Physical Design Technical Workshop focuses on the methodologies, tools, and best practices used to translate digital designs into physical layouts for integrated circuits (ICs). The speaker covers topics such as floorplanning, placement, routing, clock tree synthesis, and design rule checking (DRC). Participants gain hands-on experience with industry-standard EDA tools, learn optimization techniques for power, performance, and area (PPA), and understand the challenges of scaling down to advanced process nodes. It provides a comprehensive understanding of the physical design flow, critical for producing manufacturable, high-performance chips.



He also answered the queries asked by our students. Dr. D. Anita Daniel, coordinator of this technical workshop at Sri Sai Ram Engineering College, proposed the vote of thanks. We take this opportunity to thank our CEO, Principal, and HOD-ECE for their support and guidance in successfully completing this Technical Workshop on VLSI Physical Design.



Number of Participants: IEEE Members: 40
 Non-IEEE Member: 10
 CASS Members: 15