OVERVIEW OF WORKSHOP

This workshop introduces the fundamentals of quantum computing hardware, focusing on superconducting qubits and their design principles. Participants will gain insights into quantum circuit concepts, qubit architectures, and simulation approaches used in modern quantum hardware development

TOPICS TO BE COVERED

- Fundamentals of Quantum Computing
- Introduction to Qubits and Quantum States
- Overview of Superconducting Qubit Architectures
- Basics of Quantum Circuit Design
- Introduction to Keysight ADS Quantum Pro Environment
- Preparation for Hands-On Design and Simulation

DATE 06.05.2026

TIME 9:00 A.M.

VENUE Department of ECE

PARTICIPANTS SHOULD BRING THEIR OWN LAPTOP

REGISTRATION IS FREE

SCAN TO REGISTER

RESOURCE PERSON

Mr. Uday Sannigrahi
Quantum Technology Researcher,
Infinipoint Technologies

ORAGNIZING COMMITTEE

CHIEF PATRON

CONVENER COMMITTEE MEMBERS
Anna University

PATRON

Dr. V. Kumaresan
Registrar i/c, Anna University

CO-PATRON

Dr. P. Hariharan
Dean, CEG Campus, Anna University

CHAIR

Dr. M. A. Bhagyaveni Professor and Head of Department of Electronics and Communication Engineering

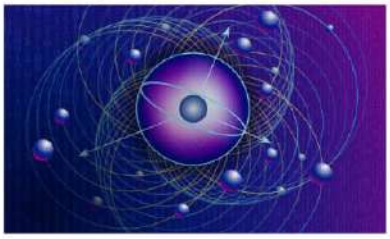
COORDINATORS

Dr. T. Manimekalai, Professor
Dr. C. Rimmya, Associate Professor

infinipoint TECHNOLOGIES

ONE DAY HANDS-ON WORKSHOP ON

SUPERCONDUCTING QUBIT DESIGN AND SIMULATION USING KEYSIGHT ADS QUANTUM PRO



ORGANISED BY

Department of Electronics and Communication Engineering,
Anna University

in association with

INFINIPOINT TECHNOLOGIES
PVT LTD, BANGALURU

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