

Christ College Rajkot
Faculty Development Committee 2024-25
FDP 7 Report

Date: February 28, 2025

Resource Persons: Dr. Arvindakshan, Dr. Nimisha Vaidya

Topic: IQST 2025: Quantum For All: Exploring the Practical Applications and Benefits of Quantum Science and Technology

Session Summary:

An insightful Faculty Development Program was held on February 28, 2025, focusing on "Quantum for All: Exploring the Practical Applications and Benefits of Quantum Science and Technology." The session took place from 12:40 am to 01:50 pm and was attended by 36 faculty members from Christ College, along with The Campus Director rev. fr. dr. Jomon Thommana, The Finance administrator rev. fr. Stanely, and Principal Dr. Yvonne Fernandes.

Dr. Nimisha Vaidya commenced the session by providing an overview of the present and future applications of quantum science across various fields, including quantum computing, cryptography, and healthcare. She emphasized the impact of quantum technologies on industries and their potential to revolutionize modern-day processes. Dr. Vaidya's presentation highlighted how quantum advancements could shape the future of technology and education.

Following Dr. Vaidya's session, Dr. Arvindakshan took the stage to delve into the history of quantum science. He elaborated on the contributions of pioneering scientists such as Max Planck, Albert Einstein, and Erwin Schrödinger, explaining how their groundbreaking theories led to the development of modern quantum mechanics. Dr. Arvindakshan's detailed approach to explaining the historical context of quantum theories made complex concepts more accessible to the faculty.

We sincerely thank Dr. Nimisha Vaidya and Dr. Arvindakshan for their expert presentations and insightful sessions. We also appreciate the active participation of our faculty members and acknowledge the continued support of our management, admin and service staff.

Reported by:

Dr. Riddhi Rashmin Tanna

Animator, Faculty Development Committee 2024-25

