Department of Computer Science and Engineering

Program Details:

Name of the Program	Seminar
Date & Time	07/02/2023
Targeted Audience	IV Semester
Staff In charge	Mr.P.Ramkumar
No. Participants	106
Topic Discussed	Quantumn Computing

Summary:

The program was planned and organised by the CSE department Faculty, P.Ramkumar , under the guidance of the HoD Dr.Smitha J.A. The program started exactly at scheduled time. The staff incharge has discussed about the revolutionary world of quantum computing, delving into the principles of quantum mechanics that underlie this ground breaking technology. Participants will gain an understanding of quantum bits, quantum algorithms, and the potential impact of quantum computing on various fields. The seminar will also discuss current challenges, advancements, and the future trajectory of quantum computing. The incharge has also discussed about the following

- Overview of quantum gates for processing quantum information.
- Implications for cryptography and data security
- Applications in database search and optimization problems
- Current approaches and research in quantum error correction codes.

The students actively participated in the discussion and expressed their views about quantum computing. Further, students have interacted with the coordinator regarding challenges, and the transformative impact of quantum computing on future technologies.

Staff incharge

HOD/CSE