DEPARTMENT OF COMPUTER ENGINEERING
(NBA Accredited)

Event Name:	"Quantum Computing"
Event Date and Time:	8th February 2023
Event Venue:	008 Seminar Hall
Event Coordinator:	Prof. Rushikesh Nikam
Department Event Coordinator:	Prof. Rushikesh Nikam
Event Conducted by:	Computer Student Association, Department of Computer Engineering & IEEE APSIT
Targeted Audience:	TE &BE Students
Objective:	1. To make aware of emerging technologies 2. To review the process of quantum computing
PO Mapping:	PO8, PO9, PO10

Details:

The workshop on quantum computing was organized by IEEE in collaboration with the Computer Student Association (CSA). The workshop was given by Prathamesh Hambar, chair of IEEE APSIT. The event was conducted in the seminar hall from 10 am onwards and was attended by students from the Computer, AI and DS department.

The workshop started with the speaker giving a basic introduction about the topic quantum computing. The introduction included the classical meaning of both the words quantum and computing followed by how quantum computing is different from classical computing. It also explained how Unpredictability of human nature is exploited in Quantum computing. Then the session went along with the speaker

Explaining the evolution of quantum computing over the years from the year 1981 till today. Main principles on which quantum computing works like superposition, entanglement and Inference were discussed in detail.

The overall session was very interactive. The speaker was asked many questions by the audience like why Quantum computing is not sustainable, how Quantum computing is faster than classical computing and many more. The news regarding this topic that if google has achieved the quantum supremacy is truth or hoax was one of the main points of this workshop.

At the end various job opportunities which are available in this field like quantum software engineer, quantum ML engineer, quantum cloud Developer, etc were mentioned by the speaker along with various companies who hire these professionals. Concluding the workshop, the speaker encouraged the audience to develop interest in this field as it is still developing and has huge potential to change the world for the better.

Prof. Rushikesh Nikam
Department Event Coordinator

Prof. Sachin Malave
Head of Department