	Quantum Computing
Department	Applied Sciences
Name of the Event	Guest Lecture
Beneficiary	2nd Sem Students (I year)
Date & Venue	06-05-2024 Falconry Seminar Hall, NHCE, BANGALORE
Topic Name	Quantum Computing
Brief report about the Guest lecture	Department of Applied Sciences had organized a Guest Lecture on "Quantum Computing" on o6th May 2024. The speaker was Dr **Dr. Jayakumar Vaithiyashankar, IBM Quantum Educator, IBM Certified Associate Developer - Quantum Computation using Qiskit, Assistant Professor, Prsedincy University, Bangalore**. Quantum computing is a rapidly advancing field that explores the use of quantum mechanics to perform computation. Quantum computing harnesses the principles of quantum mechanics to process information in ways that traditional computers can't. The speaker outlined the underlying principles of Quantum physics and demonstrated the simulation of Quantum gates using IBM Qiskit tool. The various quantum gates were discussed in the perspective of Quantum circuits. He also emphasized on the power of Quantum computing to revolutionize various industries, including cryptography, optimization, drug discovery, and artificial intelligence.

Department of Applied Sciences

Organizes a Guest Lecture on

QUANTUM COMPUTING

Coordinator
Dr. Prashant K S
Professor

Convener
Dr. Anusuya Devi V S
HoD - Applied Sciences

📅 06 May, 2024

🕙 11 AM

📍 Falconry Hall, NHCE

Speaker
DR. JAYAKUMAR VAITHIYASHANKAR
IBM QUANTUM EDUCATOR
Assistant Professor, Computer Science and Engineering
School of Engineering, Presidency University

SNAPSHOTS:

Feed back

5/14/24, 12:20 PM — Feed Back-Guest Talk on Quantum Computing

Session was interesting
49 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

49% — 34.7% — 12.2%

The session was relevant to course
49 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

55.1% — 24.5% — 12.2%

5/14/24, 12:20 PM — Feed Back-Guest Talk on Quantum Computing

The underlying phenomenon of Physics is appreciated
49 responses

- Yes
- No

91.8% — 8.2%

The session enthused me to pursue Quantum Computing in higher semesters
49 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

42.9% — 32.7% — 12.2%

FACULTY CORDINATOR   **HOD**