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CIRCULAR

IBM Certification Course in Quantum Computing (AICTE-NEAT)

The Ministry of Education, Govt. of India, has announced a National Educational Alliance for Technology (NEAT) as a Public-Private partnership model between the Government and the Education Technology companies of India. The programme is coordinated by the **All Indian Council for Technical Education (AICTE)**. The NEAT aims to bring the best technological products in niche areas having highly employable skills in education pedagogy on a single platform for the convenience of learners.

In this regard, one of the courses offered by IBM Ltd. is the Quantum Computing Certification course. The course aims to provide essential knowledge on Quantum Computing to solve challenging problems in chemistry, finance, optimization, and machine learning. The participant of the course will get a thorough understanding of the basics of QC along with practical experience of working on the IBM-Quantum Computers and programming with IBM Qiskit and Aqua.

The Quantum Computing market is expected to grow from USD 472 million in 2021 to USD 1,765 million by 2026.

Some of the potential applications of Quantum Computers are; i. Reducing development time for chemicals and pharmaceuticals, ii. Solving optimization problems from various engineering disciplines with unprecedented speed iii. Integrating Quantum-AI in autonomous vehicles, iv. Transforming cybersecurity to Quantum-safe security, and many more.

The students who are interested to enrol for this certification course may please mail your Name, USN, and Phone number to Dr. B. Sathish Babu, Professor, Dept. of CSE, RVCE on his ID: bsbabu@rvce.edu.in on or before 24/04/2021, and call him for any clarifications, Mobile No: 9844488329.

Principal, RVCE