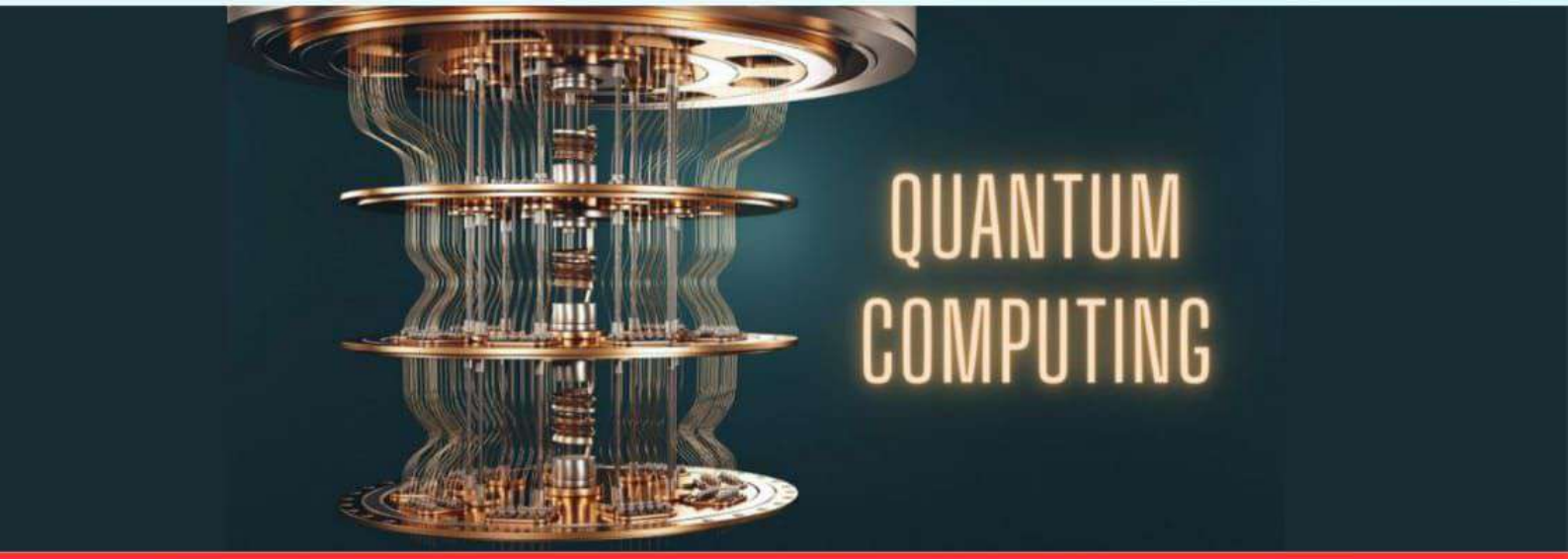
ఆంధ్ర విశ్వకళాపరిషత్

ANDHRA UNIVERSITY

Accredited by NAAC with A++ Grade & Score: 3.74

College of Engineering (Autonomous)



Department Of Electronics and Communication Engineering

Offers

B.Tech. Programme
Quantum Computing

W.E.F A.Y. 2025-2026
Intake 30

SALIENT FEATURES:

- Interdisciplinary Curriculum
- Hands-on Training
- Real-time Industry Collaborations
- Capstone Projects
- Global Exposure
- Top Recruiters

For More Details

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B.Tech. (Quantum Computing)

With Effect From A.Y. 2025-2026

About the Course

This course is designed to create Quantum Innovators who create the future. Quantum Computing is a revolutionary field at the intersection of mathematics and physics with electronics and computer science. The Department of Electronics & Communication Engineering, Andhra University, is proud to introduce B.Tech. program in Quantum Computing. This is a four-year undergraduate program, with an intake of 30 students, and is designed to equip students with foundational knowledge in digital electronics, quantum mechanics, quantum computing and specialised quantum algorithms. The course integrates theory with practical training in quantum programming platforms such as Qiskit and Cirq, preparing students to lead in this cutting-edge domain.

Salient Features

- Interdisciplinary Curriculum
- Hands-on Training
- Industry Collaborations
- Capstone Projects
- Global Exposure

Outcome at the End of the Program

Graduates of this program will be among the first generation of engineers trained in one of the most exciting and future-forward technologies of the present trends. They will gain deep insights into quantum algorithms and cryptography, and will be able to program on quantum computers. This course will open opportunities to work in technologies that shape the future. You will not only be ready for the future but will also create it.

Potential Recruiters

Leading technology firms, including IBM, Google, Microsoft, Amazon Web Services, Rigetti Computing, and D-Wave, are actively hiring quantum computing professionals. Graduates can pursue roles in quantum software engineering, quantum algorithm design, and R&D in quantum technologies, and may otherwise choose specialised careers in quantum information science, quantum communication, or computational physics.