



REPORT ON
TWO-DAY FDP ON “QUANTUM COMPUTING AND APPLICATIONS”

BY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2025-26

DATE:16/10/2025

A two-day Faculty Development Programme (FDP) on “Quantum Computing and Applications” was attended on 14th & 15th October 2025 at Jawaharlal Nehru Technological University Anantapur (JNTUA). The FDP was organized by JNTUA with the objective of up skilling faculty members in emerging technologies and providing exposure to the rapidly evolving field of quantum computing.

The FDP aimed to upgrade knowledge on new-age computational models, quantum algorithms, and their real-time applications in various domains. The sessions were handled by domain experts who explained concepts step by step, ensuring clarity for participants from diverse backgrounds.

During the sessions, the resource persons provided detailed study materials, demonstrations, and reference websites to explore real-time working models of quantum systems. Topics such as quantum gates, qubits, superposition, entanglement, quantum algorithms, and industry applications were discussed with practical examples.

This FDP enabled participants to gain valuable insights into modern quantum technologies, their future scope, and relevance in research and academia. The programme concluded with the distribution of certificates to all participants.

The following faculty members from the Department of Computer Science and Engineering, SITAMS, Chittoor, attended this FDP:

- V. Shaik Mohammad Shahil, Assistant Professor, CSE, SITAMS
- P. Praveen, Assistant Professor, CSE, SITAMS

The FDP proved to be highly beneficial in enhancing professional knowledge and strengthening research-oriented skills in advanced computing technologies.



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