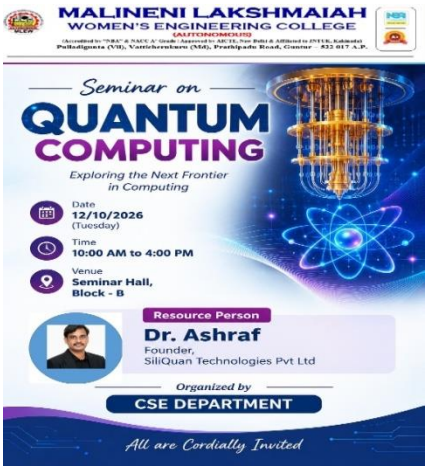
SEMINAR ON QUANTUM COMPUTING HELD ON 12-10-2026

12 October 2026 | Department of Computer Science and Engineering (CSE)

The Department of Computer Science and Engineering (CSE) at Malineni Lakshmaiah Women's Engineering College (Autonomous) organized a seminar on "Quantum Computing" on 12 October 2026 at the Seminar Hall from 10:00 AM to 4:00 PM. The programme was conducted for final-year B.Tech students, with faculty members also participating. The resource person was Dr. Ashraf, Founder of SiliQuan Technologies Pvt. Ltd. The seminar aimed to introduce students to the fundamental concepts, working principles, and emerging developments in quantum computing. Dr. Ashraf explained how quantum computers differ from classical computers, highlighting the role of quantum bits (qubits) and key concepts such as superposition, entanglement, and quantum interference.

The session explored the potential applications of quantum computing in several advanced technological fields, including artificial intelligence, cryptography, drug discovery, materials science, and complex optimization. The resource person also discussed the advantages, challenges, and future possibilities of this emerging technology, emphasizing its potential to address certain computational problems that are difficult for conventional computers. The informative and interactive session enabled students to gain valuable insights into the rapidly evolving field of quantum computing and its significance in future technological advancements. It encouraged them to explore emerging research areas, expand their technical knowledge, and prepare for new opportunities in computing and innovation. The programme was coordinated by Ms. D. Vijaya Lakshmi and Ms. M. Lalitha Devi, whose efforts contributed to its successful organization.

Overall, the seminar broadened students' understanding of quantum computing and highlighted its growing importance in shaping the future of science, engineering, and information technology.







Seminar on Quantum Computing by Dr. Ashraf, Founder of SiliQuan Technologies Pvt. Ltd.