NEW HORIZON
COLLEGE OF ENGINEERING
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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Department of Computer Science and Engineering

Event Report

Title	Workshop on Quantum Computing.
Department	Department of Computer Science and Engineering
Date	From: 22/06/2023 — To: 22/06/2023
Time	From:10 AM — To: 4.00 PM
Brief Description	The Department of Computer Science and Engineering organized one day workshop on "Quantum Computing "on 22/06/2023. Quantum computing is a multidisciplinary field comprising aspects of computer science, physics, and mathematics that utilizes quantum mechanics to solve complex problems faster than on classical computers. solves mathematical problems and runs quantum models using the tenets of quantum theory. Some of the quantum systems it is used to model include photosynthesis, superconductivity and complex molecular formations. In real life Quantum Computing used to predict accurate weather forecast, with so many variables to consider, accurate weather forecasts are difficult to produce. Machine learning using quantum computers will result in improved pattern recognition, making it easier to predict extreme weather events and potentially saving thousands of lives a year. The resource person of the workshop was Dr. Jayakumar Vaithiyashankar, IBM Certified Associate Developer-Quantum Computing, Assistant Professor, Presidency University.The entire workshop will focus on important aspects of Quantum Computing. Around 45 participants took part and benefitted from the workshop.

27/6/23

27 Jun 23