

FDP on “Quantum Computing”
Organized by IQAC on 02nd August 2025

Report on

The Internal Quality Assurance Cell (IQAC) of KBN College organized a **Faculty Development Programme (FDP)** on the topic “**Quantum Computing**” on **Saturday, 02nd August 2025** at **10:30 AM** in **Vivekananda Seminar Hall**.

The FDP was conducted with the objective of introducing faculty members to the fundamentals and emerging trends in the field of quantum computing, which is rapidly gaining significance in academic and research domains.

Faculty members from the Departments of **Computer Science & Applications (UG & PG), Mathematics, and Physics & Electronics** actively participated in the session.

The resource person for the programme was **Dr. K. Sowjanya**, Associate Professor, Department of Computer Science and Applications, **S.R.M. University, Amaravati, Andhra Pradesh**.

Dr. Sowjanya delivered a comprehensive lecture covering the **basic principles of quantum mechanics, quantum algorithms, quantum gates**, and their applications in computing. She also highlighted the future scope of quantum computing in solving complex problems beyond the reach of classical computers.

The session was interactive and thought-provoking, sparking keen interest among the participants. The FDP was a step forward in empowering faculty with knowledge in emerging technologies and promoting interdisciplinary learning..

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