



दूरसंचार विभाग
DEPARTMENT OF
TELECOMMUNICATIONS



Certificate Course on “Quantum Communications and Security”



6th October to 28th November 2025
(Hybrid Mode) 8 weeks online sessions, followed by a 3-day offline sessions*

“Unlock the future with Quantum Communications and Security – where technology meets tomorrow”

*Dive into the fascinating world of quantum technologies with this comprehensive **30+ hour foundational course spreadover a period of about 7-8 weeks**. Explore the core principles of quantum mechanics, including **qubits, superposition, entanglement, quantum cryptography, quantum circuits**, followed by discussion on practical applications such as **Quantum Key Distribution (QKD)**.*

This program is specifically designed to empower officers with the essential skills and knowledge to navigate and contribute to the rapidly evolving fields of quantum computing and next-generation communication systems and security.

*Join us for an intensive **three-day offline sessions** at NCA-T, Ghaziabad, featuring interactive group discussions, presentations, learning assessments, industry exposure sessions, and visits to quantum research setups at leading institutes..*

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