

Guest Lecture Program
On
“Quantum Computing”

(21st November 2019)

Organized By



**INTERNATIONAL
INSTITUTE OF
INFORMATION
TECHNOLOGY**

Innovation & Leadership

P-14, Rajiv Gandhi Info Tech Park, Phase – 1,
Hinjawadi, Pune – 411057, India

**Department of
Engineering Sciences**



REPORT

We are happy to inform you that Department of Engineering Sciences, International Institute of Information Technology, Hinjawadi, Pune, was organized a guest lecture on the topic **“Quantum Computing”**

The guest lecture is delivered by experienced faculty **Dr. Umesh. P. Moharil, Associate professor & HOD, Marathwada Mitramandal's Institute of Technology, Lohgaon, Pune.**

This Guest Lecture was devoted to recent research advantages of Quantum Physics in engineering.

This guest lecture was attended by all students of three branches as well as I²IT faculties.

Dr. U.P. Moharil started the session with discussion and interactive session with the students.

The silent features of the lecture were as follows.

- What exactly is wave-particle duality?
- Wave Function Ψ .
- Implications of Uncertainty Principle
- Quantum Mechanical Tunneling
- Tunnel diode
- Scanning Tunneling Microscope
- Computation - Quantum Superposition
- Parallel Processing - Quantum Entanglement
- Applications of Quantum Computing

The guest lecture was really informative. Participants came to know how much interesting and difficult to understand quantum mechanics.



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Photographs of Guest Lecture





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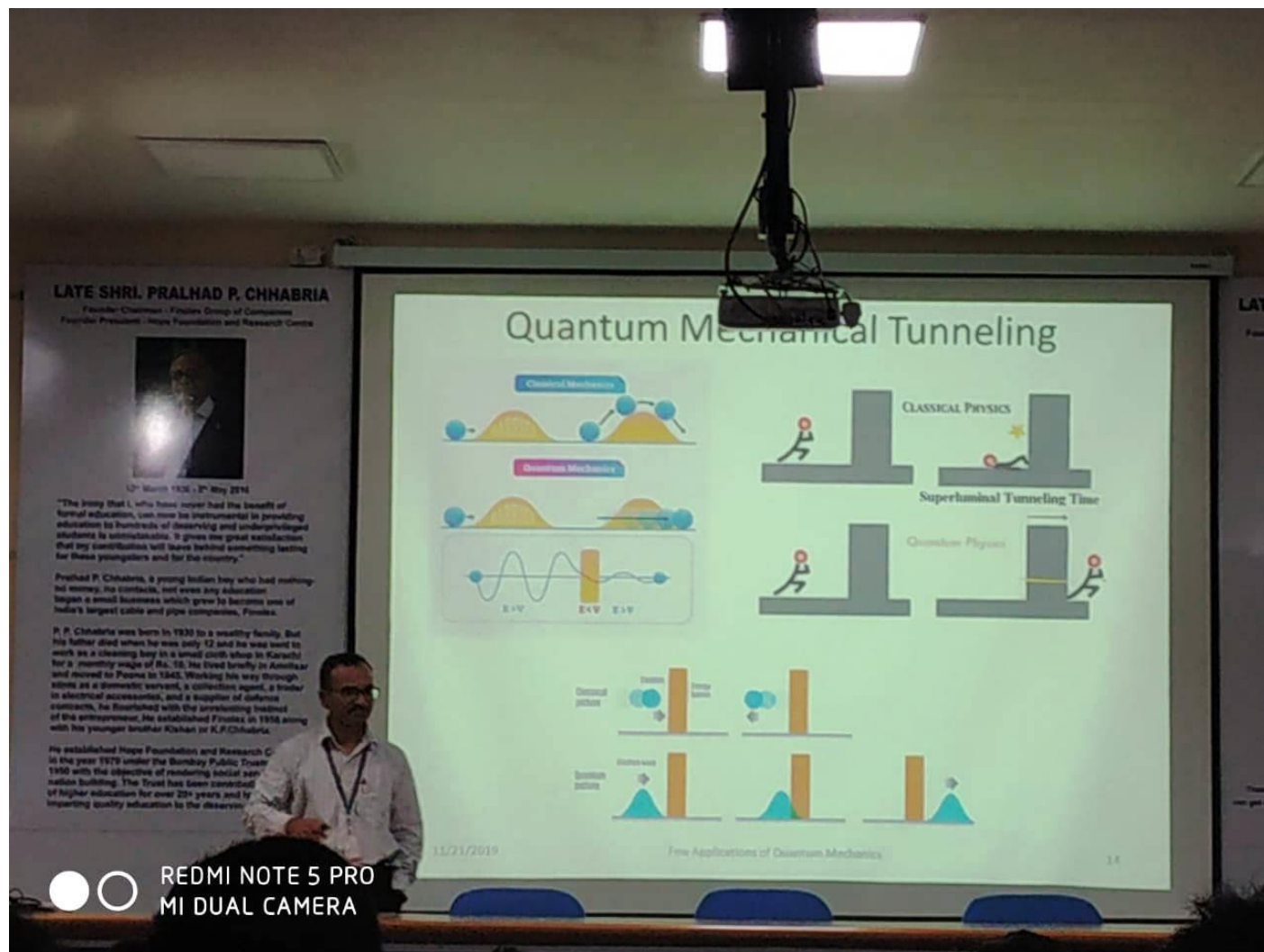
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