Registration Details

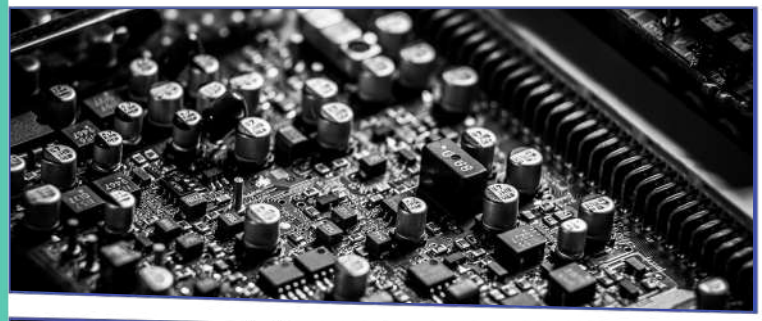
SCAN

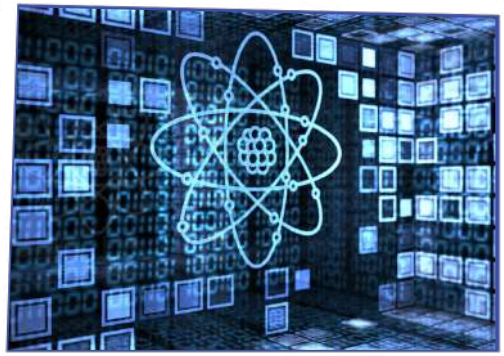
CORE THEMES FOR POSTER PRESENTATION

SUSTAINABLE SEMICONDUCTOR TECHNOLOGIES FOR NEXT GENERATIONS ELCTRONICS

QUANTUM INNOVATIONS DRIVING SUSTAINABLE SOLUTIONS

NATIONAL SEMINAR ON SUSTAINABILITY & INNOVATIONS IN SEMICONDUCTOR & QUANTUM PHYSICS (NSQP - 3.0)





7th - 8th April 2026

ORGANIZED BY

DEPARTMENT OF APPLIED SCIENCES (PHYSICS)
in association with
MATERIALS RESEARCH SOCIETY OF INDIA (MRSI), DELHI CHAPTER

Bhagwan Parshuram Institute of Technology

PSP-4, Dr. KN Katju Marg, Sector-17, Rohini, New Delhi, Delhi 110089

www.nsqp.bpitindia.ac.in

nsqp@bpitindia.com

WORLD QUANTUM DAY
APRIL 14

Session Experts

Prof. (Dr.) Chandra Prakash
Vice President and Chairman Finance
Institute of Defence Scientists and Technologies

Prof. (Dr.) N. Vijayan
Chief Scientist and Professor
Academy of Scientific and Innovative Research (AcSIR)

Mr. Poornendu Chaturvedi
Scientist "G", Solid State Physics Laboratory, DRDO

About Us

Bhagwan Parshuram Institute of Technology, affiliated to Guru Gobind Singh Indraprastha University is renowned for its commitment to excellence in technical education. With state-of-the-art facilities and dedicated faculty, it fosters innovation and leadership in the field of engineering and technology. BPIT's holistic approach ensures students are equipped with both technical skills and ethical values to thrive in today's dynamic world.

The National seminar on "***SUSTAINABILITY & INNOVATIONS IN SEMICONDUCTOR & QUANTUM PHYSICS (NSQP - 3.0)***" aims to present the latest advancements and research in the field of material science. It is well known that semiconductor technology permeates nearly every aspect of modern life, underpinning the functionality of countless devices we rely on in our daily routines. From smartphones to computers, and medical equipment to renewable energy systems, semiconductors serve as the fundamental building blocks of electronic circuits. With the ability to precisely control the flow of electrocal currents, semiconductor devices enable the miniaturization and integration of complex functionalities, leading to smaller, faster and more energy-efficient products. As society becomes increasingly reliant on interconnected digital systems, the importance of semiconductor technology only continues to grow, shaping the trajectory of technological progress in the 21st century and beyond.

Recent breakthroughs in quantum physics have led to advancements in quantum computing, enabling faster and more efficient algorithms. Quantum entanglement experiments have pushed the boundaries of our understanding of non-local correlations, paving the way for secure quantum communication protocols. Additionally, developments in quantum teleportation have opened new possibilities for information transfer and quantum networking.

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(HON'BLE CHAIRMAN, BPIT)

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STUDENT COORDINATORS

Tushar Khurana, Khushi Chhakara, Amritesh Shukla, Abhishek Prasad, Shradha Dua, Priti Shree, Neha, Shipra Sahay

PROGRAM SCHEDULE:

7th April 2026- EXPERT TALKS AND POSTER PRESENTATIONS
8th April 2026- VISIT TO DRDO LAB**

****FIRST 35 PRESENTEES WILL BE SHORTLISTED FOR DRDO VISIT****

Best Poster award and certificates will be provided