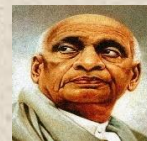




**UGC – Malaviya Mission Teacher Training Centre**  
**in Support with**  
**Department of Physics**  
**Sardar Patel University**  
 Vallabh Vidyanagar - 388 120 (Anand), Gujarat



**Interdisciplinary**  
**Faculty Development Programme on**  
**Physics, Allied Sciences and Engineering**  
**(12-09-2025 to 18-09-2025) (Offline Mode)**



**Objectives:**

This Interdisciplinary Faculty Development Programme (FDP) aims to inspire the young undergraduate and postgraduate teachers by introducing various frontier areas of applied physics and enhance their understanding about the latest research in physics as well as explore exciting possibilities for the future. Eminent scientists and experienced professors will share their knowledge with the participants and enhance their understanding in various fields. Exposure to various techniques for advanced research and hands-on experience of various state-of-art equipment as well as experimental setups available in the department will be one of the main aspects of the FDP.

**Objectives:**

- Provide comprehensive overview of advancements in physics and engineering.
- Explore prospects and emerging trends in various subfields.
- Develop research skills of participants and encourage interdisciplinary research.

**Coverage:**

1. Recent Developments in Condensed Matter Physics
2. Optical Physics: Concepts and Applications
3. Quantum Physics and its applications
4. Quantum Computing and Quantum Information Science
5. Innovations in Material Science and Nanotechnology
6. Interdisciplinary Research Opportunities in Physics and Engineering

**Pedagogy:**

The course will be conducted in Offline Mode. The teaching methodology will be lecture oriented with practical sessions and audio-visual material. It includes Group discussions, assignments, quiz, and presentation by the participants.

**Registration**

**Details:**

**Who can**

**apply:**

Participants should visit Website: <https://hrdcspu.ac.in/> select the course from apply online and register for the course by **06/09/2025**.  
**Faculties from physics, allied sciences and engineering at undergraduate and postgraduate level** from Central/State/Private Universities, Colleges & Educational Institutes (including Associate Professors, Assistant Professors, Adhyapak Sahayak) under section 2(F) of the UGC act or college have been affiliated to a university for at least three year are eligible. Certificate will be issued to those who have attended all the sessions and have qualified the Assessment test.

**Apply**



**No Registration Fees**

**Offline Mode**

The programme will be conducted in offline mode. Hence, the participants should come to Department of Physics, Sardar Patel University, Vallabh Vidyanagar – 388 120 (Anand).

**Prof. J N Pandya**  
**Course Coordinator**  
**Department of Physics**  
**Sardar Patel University**

**Dr. Vimal Joshi**  
**Course Co-Coordinator**  
**Principal, Shri R K Parikh**  
**Arts & Science College, Petlad**

**Prof M P Deshpande**  
**Head**  
**Department of Physics**  
**Sardar Patel University**

**Prof. Niranjana Patel**  
**Vice Chancellor & Patron**  
**Sardar Patel University**

**Prof. Mitesh Jayswal**  
**Programme Director**  
**UGC-MMTTC**  
**Sardar Patel University**

**Mr. Hardik A. Pandya**  
**Technical Officer**  
**UGC-MMTTC**  
**Sardar Patel University**

For Registration Queries: jnpandya-phy@spuvvn.edu, Contact No.: 9898188998, 9427004861, 9427597979

**Note:**

1. Minimum 40 and Maximum 50 seats are allowed
2. Last Date for application is before date **06/09/2025** or maximum seats whichever is earlier
3. Accommodation will be provided to the outstation participants