

**Department of Physics**  
**Activities Conducted (2025–26)**

**Anveshika Physics Bharat Yatra – Mashaal Program**

Date: 17 June 2025

Conducted to promote scientific temperament and hands-on physics learning among students.

**Orientation Programme for B.Sc. 1st Year (Non-Medical)**

Date: 25 July 2025

New students were briefed about departmental facilities, curriculum, laboratory usage, and academic expectations.

**Educational Visit to Shoolini University, Solan (H.P.)**

Date: 28 July 2025

Students visited research laboratories and interacted with faculty to gain exposure to higher-level scientific research.

**Training Session for Lab Attendants**

Date: 29 August 2025

Organized in collaboration with SCERT, Solan, focusing on laboratory safety, instrument handling, and maintenance.

**Formation of Physics Society – Rishis of the Cosmos**

Date: 17 September 2025

The society was established to promote interest in Astrophysics, Space-Time studies, and Theoretical & Experimental Physics.

**Seminar on International Peace Day**

Date: 22 September 2025

Students presented talks highlighting the role of science and education in global peace and harmony.

**Astronomy Observation Session**

Date: 2 October 2025

Conducted an evening sky-watch to observe celestial objects and understand astronomical phenomena.

### **Space and Astrophysics Quiz**

Date: 6 October 2025

Organized to encourage scientific curiosity and enhance students' knowledge of space science and astrophysics.

### **Training Session for Lab Attendants**

Date: 28 November 2025

“Demonstration of Physics Experiments Using Low-Cost Apparatus – Training Session for Lab Attendants of six districts of Himachal Pradesh at Government College Solan.”

### **One-Day Workshop**

**Date:** 13th December 2025

**Title:** *Experimental Physics: Concepts, Techniques and Applications*

**Organised by:** Department of Physics and Mathematics **In Collaboration with:** Internal Quality Assurance Cell (IQAC)

### **Act as a Resource Person (Ishwar Dutt)**

- Act as a resource person in Six days in-service training programme for LAs and JLAs in Lab Technology, Lab Skills & Office Procedures w.e.f. 25.08.2025 to 30.08.2025 at H P State Council of Educational Research and Training, Solan and delivered lectures (27.08.2025) and demonstrated in Physics Lab (29.08.2025) on
  - **Physics Lab: Organization & Familiarization**
  - **Basic Lab Skills for Lab Attendant in Physics lab and safety measures in Physics lab**
- Act as a resource person in Six days in-service training programme for LAs and JLAs of schools & colleges in Lab Technology, Lab Skills & Office Procedures w.e.f. 24.11.2025 to 29.11.2025 at H P State Council of Educational Research and Training, Solan and delivered lectures (25.11.2025) on
  - **Setting Up and Organizing Physics Laboratories for Effective Learning**
  - **Essential Experimental and Technical Skills in Physics Labs**and demonstrated in Physics Lab (28.11.2025) on
  - **Demonstration of Physics Experiments Using Low-Cost Apparatus**

### **Paper Presented in Int Conference**

- Paper entitled “*A Review on Natural Resources Management Using Computer-Aided Techniques under Changing Climates*” presented at the **International Conference on Environment, Sustainable Development and Disaster Management: Pathways to a Greener and Safer Future**, organized by the Department of Geography, TJCM Govt. College, Sujampur Tihra, on 11–12 September 2025.

### **Workshop Attended**

- Attended the Two-Days Workshop on “Quantum Mechanics and its Applications” held at Jaypee Institute of Information Technology, Noida, Uttar Pradesh, India on April 18-19, 2025.