

Teacher Orientation Programme in Undergraduate Physics (TOP-UP)

The Teacher Orientation Programme in Undergraduate Physics (TOP-UP), organised jointly by the Homi Bhabha Centre for Science Education (HBCSE-TIFR), Tata Institute of Fundamental Research, Hyderabad (TIFR-H) and the University of Hyderabad (UoH), is a unique opportunity for teachers of undergraduate physics in Telangana and neighbouring states.

The intensive five-day programme, held in the University of Hyderabad campus from 19 to 23 February 2024, aims at enhancing content knowledge and pedagogic abilities of undergraduate college physics teachers in both theoretical and experimental domains. The workshop will cover diverse areas of undergraduate physics, and will focus on eliminating conceptual misconceptions, developing problem solving strategies, improving procedural understanding in the lab and building innovative and effective teaching-learning tools for the classroom as well as the laboratory, including novel smartphone-based experiments. This will be achieved through highly interactive sessions conducted by experts from HBCSE, active engagement with peers and orientation towards new pedagogic strategies informed by modern research in physics education. The participants will also have the opportunity to visit cutting edge research laboratories in the campuses of TIFR-H and UoH and interact with scientists from these institutions.

Scheduled Dates:
19 th to 23 rd February 2024

Register Here
Registration Link:
<https://forms.gle/Lg9fF5zmynnCzH8J7>

VENUE
Malaviya Mission Teacher Training Centre
University of Hyderabad

Contact us :

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