



# 1<sup>ST</sup> PARTICLE PHYSICS WORKSHOP

## ORGANIZED BY

The Department of Physics, NED University of Engineering and Technology and Department of Physics, Federal Urdu University of Arts, Science and Technology (FUUAST)

## SCOPE OF WORKSHOP

This particle physics workshop aims to provide participants with an in-depth understanding of the fundamental building blocks of our universe, exploring the nature of matter and the forces that govern its interactions. Through expert lectures, participants will gain insights into key concepts such as elementary particles, the Standard Model of particle physics, and beyond. Hands-on training on Linux and ROOT software would also offer a valuable, interdisciplinary experience for participants.

## WHO TO ATTEND

- UNDERGRADUATE FINAL YEAR STUDENTS
- MS/M.PHIL STUDENTS

## CONTACT

Dr. Hira Ashfaq Lodhi  
hiralodi@neduet.edu.pk  
Dr. Shabbar  
shabbar.raza@fuuast.edu.pk

## Registration Link:

<https://forms.gle/9bUxnFwoSCCuFiRC6>



## INVITED SPEAKERS

### Dr. Shabbar Raza

Associate Professor,  
Department of Physics,  
Federal Urdu University of Arts,  
Science and Technology, Karachi

### Dr. Wajid Ali Khan

Principal Scientific Officer,  
Exp. High Energy Physics  
Department,  
National Centre for Physics,  
Islamabad

**Date:** 4-7 NOVEMBER

**Timings:** 2:00 PM – 5:00 PM

**Venue:** NED University of Engineering  
and Technology

**Registration Date:** 22-24 OCTOBER  
(Registration will be confirmed through email after scrutiny)

**APPLY NOW**