

Physics Project Exhibition Cum Competition Report

The Physics Project Exhibition cum Competition was organized by the Physics Department of Applied Science and Humanities, ADGIPS, New Delhi on 24th April 2024. It aimed to showcase the innovative work and ideas of B.Tech first year students with participation from all branches of B.Tech students from CSE, CS, CST, IT, ECE CVE, ME, AI&DS and AI&ML. The exhibition served as a platform for interdisciplinary collaboration and scientific inquiry.

Exhibition Overview:

The exhibition featured 60 projects on display. The projects covered a wide range of topics. The event provided an opportunity for students to present their research findings and interact with peers and faculty members from different branches.

Highlighted projects encompassed:

- Laser Security and Automatic Door System
- Electricity Generation Using Speed Breaker
- The Vacuum Cleaner Robot
- The Smart Blind Stick
- Automatic Gas Leakage Detection
- Hydraulic Robotic Arm
- Spectrometer
- Cloud chamber
- Switching action of transistor
- Life cycle of a star
- Thermoelectric free energy generator

Achievements and Impact:

Feedback from participants was overwhelmingly positive, with students expressing appreciation for the opportunity to showcase their work and learn from their peers. The exhibition not only showcased the talent and creativity of first-year students but also fostered a culture of scientific inquiry and innovation within the department.

Several projects received recognition for their excellence, demonstrating the department's commitment to nurturing the next generation of scientists and engineers.

Awards and Recognitions:

First Prize- Branch: IT

Project Title: Laser Security and Automatic Door System

Second Prize- Branch: CSE

Project Title: Electricity Generation Using Speed Breaker

Consolation Prize- Branch: CSE

Project Title: The Vacuum Cleaner Robot

Consolation Prize-Branch: AI&DS

Project Title: The Smart Blind Stick