

REPORT ON
Two Days Workshop on
Instrumentation in physics lab

5 – 6 August 2019



Organized

By

Dept. of Physics

Govt. P. G. College Berinag, Pithoragarh

Two Days Workshop on Instrumentation in Physics Lab

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A two days' workshop on instrumentation in physics lab was held on 5-6 August 2019. The main speaker of the workshop was Dr. Ashit Kumar, a professor of physics at IIT Delhi, who has extensive experience and expertise in various aspects of physics instrumentation. The workshop also featured Mr. Mudit Agarwal, a representative of S.K. Scientific Mooradabad, a leading supplier of physics instruments in India. The workshop was organized by Dr. L.P. Verma, the head of the department of physics, and was attended by all the students of physics department.

The workshop aimed to provide the students with practical knowledge and skills on how to use, maintain, and troubleshoot various physics instruments in the laboratory. The workshop covered topics such as:

Keeping of physics instruments: The students learned how to store, clean, and calibrate the instruments properly to ensure their accuracy and longevity.

Working on physics instruments: The students learned how to operate, measure, and record data using different types of instruments such as mechanical, electrical, photo, sound, etc.

Precautions using physics instruments in laboratory: The students learned how to handle the instruments safely and avoid common hazards such as electric shocks, fire, chemical spills, etc.

Minor errors: The students learned how to identify and correct minor errors that may affect the performance or results of the instruments.

The workshop was conducted in a interactive and hands-on manner, with demonstrations, experiments, and exercises using various instruments. The students were divided into small groups and assigned different tasks and problems to solve using the instruments. The students also had the opportunity to ask questions and clarify their doubts with the speakers and instructors.

The workshop was a valuable learning experience for the students, as they gained practical exposure and confidence in using physics instruments in the laboratory. The workshop also enhanced their understanding and appreciation of the role and importance of physics instrumentation in scientific research and education. The workshop received positive feedback from the students, who expressed their satisfaction and gratitude for the opportunity to participate in such a useful and interesting workshop. All the faculty and students of physic department attend the workshop.

