



 Physics Society "Atomica" is organising
One Day Workshop on
Handling of Measuring Instruments for Undergraduate Students

Highlights:

1. Handling of instruments like Vernier scale, Travelling microscope, Screw Gauge, Spherometer, Spectrometer.
2. Graphical representation and interpretation of measured data.
3. Discussion on common errors like parallax error, zero error, backlash error.

Speakers:

1. Dr. Gyan Prakash
2. Dr. Nilesh Kumar Rai
3. Dr. Ajay Kumar Yadav
4. Dr. Atul Singh Bharadwaj

Date: 10 August 2022
Time: 1:00 PM onwards
Venue: Room No. 09,
CMP Degree College, Prayagraj

Organizing Committee:

1. Dr. Rekha Srivastava
2. Dr. Rakesh Kumar
3. Dr. Rajesh Kumar Yadav
4. Dr. Harish Chandra Yadav
5. Dr. Hari Pratap Bhasker

Dr. Rohit Kumar
(Treasurer, Atomica)

Dr. Sangeeta Singh
(Vice-President, Atomica)

Dr. Nilesh Kumar Rai
(President, Atomica)

Report Workshop

10/08/2022

Physics Society 'Atomica' of CMP Degree College organized a workshop on "Handling of Measuring Instruments for Undergraduate Students" on 10th August 2022. The basic idea of organizing the workshop was lying in the problem faced by the students in handling the measuring instruments while performing experiments in UG Labs; as the students had not gone through the handling of measuring instruments due to covid pandemic and they were also not exposed to rigorous training in the labs. Hence to bridge the gap, our speakers Dr. Gyan Prakash, Dr. Nilesh Kumar Rai, Dr. Ajay Kumar Yadav, and Dr. Atul Singh Bharadwaj delivered lectures on relevant topics like handling of instruments, graphical representation of data, systematic and random errors, parallax error, backlash error, etc. and demonstrated them physically. Nearly 200 students attended the workshop. Dr. Rakesh Kumar, Dr. Rajesh Kumar Yadav, Dr. Rohit Kumar, Dr. Sangeeta Singh, and other faculty members were present on this occasion. Lab staff members Mr. Ashutosh Srivastava, Mr. Atul Srivastava, Mr. Vishal, Mr. Balchandra, and Mr. Shyam also contributed to the successful organization of the workshop.



Workshop on “Handling of Measuring Instruments for Undergraduate Students”