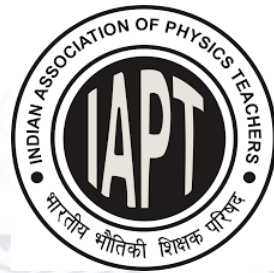




Online Workshop On Undergraduate Physics Experiments



Organized by

Department of Physics, Victoria Institution (College)

in Collaboration with

***Indian Association of Physics Teachers,
Regional Council 15***

Date: 27th, 28th Nov & 2nd Dec, 2021

We feel concerned that regular practical classes could not be held for the last eighteen months due to the pandemic. To partly compensate for this loss VIC is going to organize an Online Workshop on Undergraduate Physics Experiments in collaboration with IAPT, RC 15. **This workshop is dedicated to the memory of Late Prof. D. P. Khandelwal, founder of the IAPT.**

Our aim is to enhance the ability of the students to perform experiments using simple and easily accessible equipments. Through demonstrations and discussions, resource persons will explain possible ways of performing the experiments. This will enable students to carry out most of these experiments, **EVEN AT HOME**. Students will thus be better equipped to learn the subject through direct experience.

Registration Link: <https://forms.gle/MBQU82DLhBbPJgzX6>

Registration closes on 24/11/2021 at 1:00 PM

E-certificate of participation will be provided.

Contact: E-mail:-vicphysicswebinar@gmail.com

Sample Experiments

- 1) Young's Modulus of a steel ruler by the method of flexure.
- 2) Determination of the focal length and radius of curvature of an equiconvex lens using the lens as a concave mirror.
- 3) Velocity of sound by the resonance air column method.
- 4) Determination of
 - a) an unknown resistance and
 - b) an unknown current in a circuit by a potentiometer.
- 5) Dispersion of light in a lens using LED's of different colors.

Program schedule

27th Nov, 2021: 6PM

28th Nov, 2021: 4PM

2nd Dec, 2021: 7PM

Patrons

Dr. Nibedita Chakrabarti

Principal

Victoria Institution (College)

Convenor

Prof. Gour Prasad Das

President, IAPT, RC15

Distinguished Visiting Faculty,

Department of Physics,

St Xavier's College, Kolkata

Co-Convenor

Dr. Surajit Chakrabarti

Associate Professor of Physics (Retired),

Maharaja Manindra Chandra College.

Currently Guest Faculty :

Ramakrishna Mission Vidyamandira, Belur Math

Dr. Shinjinee Das Gupta

Head, Department of Physics,

Victoria Institution (College)