

A Brief Report on the Students' presentation on

Undergraduate Physics Experiments

May 15, 2022

An Online Workshop on *Undergraduate Physics Experiments* was organized by the Department of Physics, Victoria Institution (College), Kolkata in collaboration with the Indian Association of Physics Teachers (IAPT), Regional Council 15 in Nov-Dec, 2021. In that workshop, some members of IAPT, RC 15 demonstrated and explained the theory behind some experiments doable at home with easily available components. Students of the Sem II and Sem IV of Dept. of Physics had been provided a small kit by IAPT, RC 15. They were allowed to perform the experiments at home by applying the knowledge gathered in the online workshop. A report on that workshop came out in the February, 2022 issue of the bulletin.

Student-participants showed great enthusiasm to complete the experiments based on the ideas they got about six months back and presented their results on May 15, 2022 through Google Meet platform in front of some of the RC-15 members like Dr. Surajit Chakrabarti, Dr. Bhupati Chakrabarti, Dr. Chinmoy Kumar Ghosh, Dr. Subhas Samanta, Dr. Pradipta Panchadhyayee, Mr. Soumen Sarkar, and Mr. Sanjoy Kumar Pal. They gave valuable comments and suggestions to the students on different experiments. Emphasis was given on how to estimate errors on different experimental results. This was indeed a great opportunity and exposure for our students of presenting their work in front of esteemed personalities. 16 students participated in the above mentioned program.

The session of Students' presentation was started after the welcome address delivered by Dr. Uma Ray Srinivasan, Teacher-In-Charge, Victoria Institution (College). A deep sense of gratitude was extended to the esteemed members of IAPT, RC15 for spending quality time with the students in spite of their busy schedule. Vote of thanks was given by Dr. Pratibha Pal, Associate Professor, Dept. of Physics, VIC. Members of IAPT, RC15 and also our students shared their experience about this online endeavor and, indeed, it was a unique one according to them. Rc 15 members also thanked the college authorities and the Physics faculty of Victoria Institution (college) for motivating the students to perform the experiments which they learnt some six months back. Some of the RC 15 members expressed happiness over this fact and mentioned that this was possible as some equipments were provided to the students which they could use at home at their relaxed time.

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