

SSES Amt's Science College, Congress Nagar, Nagpur

Demonstration of PL and FTIR characterization

Session 2023-2024

It is a matter of appreciation for the opportunity to serve as a consultant through the Sophisticated Instrument Laboratory (SIL) over the past two years (2021-22, 2022-23). It has been a truly enriching and rewarding experience for the CONSULTANCY that we have provided to researchers during this time. Dr. Shyamkant Anwane-*Professor and Head* and Dr Ms Shahin K Sayyad-*Assistant Professor* of Department of Physics have worked to conduct this activity.

1. Students-Teacher Training Program under MOU with Mohata Science College, nagpur.

Students and Faculty Members of Mohata Science College, Nagpur got hands on training and demonstration of RF 5301 Photoluminescence Spectrometer dated on 9 May, 2024.



2. PL Demonstration to Students of Institute of science, Nagpur.



Demonstrating PL and FTIR characterization to M.Sc.II students of Institute of Science Nagpur on 9 January 2024



Demonstrating PL and FTIR characterization to M.Sc.II students of Institute of Science Nagpur on 18 October 2023

3. PL Demonstration to Students of Chemistry Department



Demonstrating PL and FTIR characterization to M.Sc.II students of Chemistry Shivaji Science College Nagpur on 23 February 2023

Action Taken Report

This activity has Enhanced practical knowledge and technical skills of students and faculty members in using advanced scientific instruments. Strengthened collaborative ties between the Department of Physics and Mohata Science College under the existing MOU. Positive feedback received from participants, highlighting the effectiveness and educational value of the training session.

The consultancy services provided through the Sophisticated Instrument Laboratory (SIL) have significantly contributed to the academic and research capabilities of the participants. The efforts of Dr. Shyamkant Anwane and Dr. Ms. Shahin K Sayyad have been instrumental in ensuring the success of these activities. We look forward to continuing this valuable collaboration and expanding our outreach to benefit more researchers and students in the future.

**Shri Shivaji Education Society Amaravati's
Science College, Congress Nagar, Nagpur
Department of Physics**

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9th January 2024

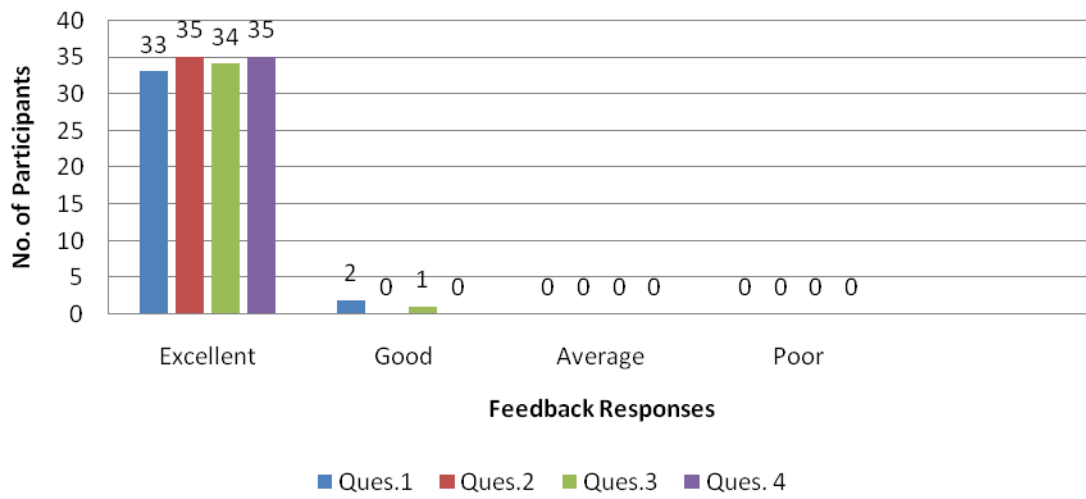
Name of Teacher : Dr. S. W. Anwane

Feedback Form

Name of Student :

- 1) How clear were the instructions provided for the physics activities?
Excellent
Good
Average
Poor
- 2) How engaging did you find the physics activities?
Excellent
Good
Average
Poor
- 3) To what extent did the activities help you grasp the key concepts of the lesson?
Excellent
Good
Average
Poor
- 4) How appropriate were the difficulty levels of the physics activities for your current understanding?
Excellent
Good
Average
Poor

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