

SSES Amt's Science College, Congress Nagar, Nagpur

Guest Lecture on Characterization of Material by FTIR

Session 2019-20

Shri Shivaji Education Society, Amravati's

Science College, congress Nagar, Nagpur

Department of Physics

Session 2019-20

NOTICE

Date: 11/12/2019

All the students and faculty members of department are hereby informed that Department of Physics is organizing **Guest Lecture on Characterization of Material by FTIR** dated **13/12/2019**. All students should remain present for the same.



Dr. S. W. Anwane
Professor and Head
Department of Physics
Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE
Congress Nagar, Nagpur.

Head
Department of Physics

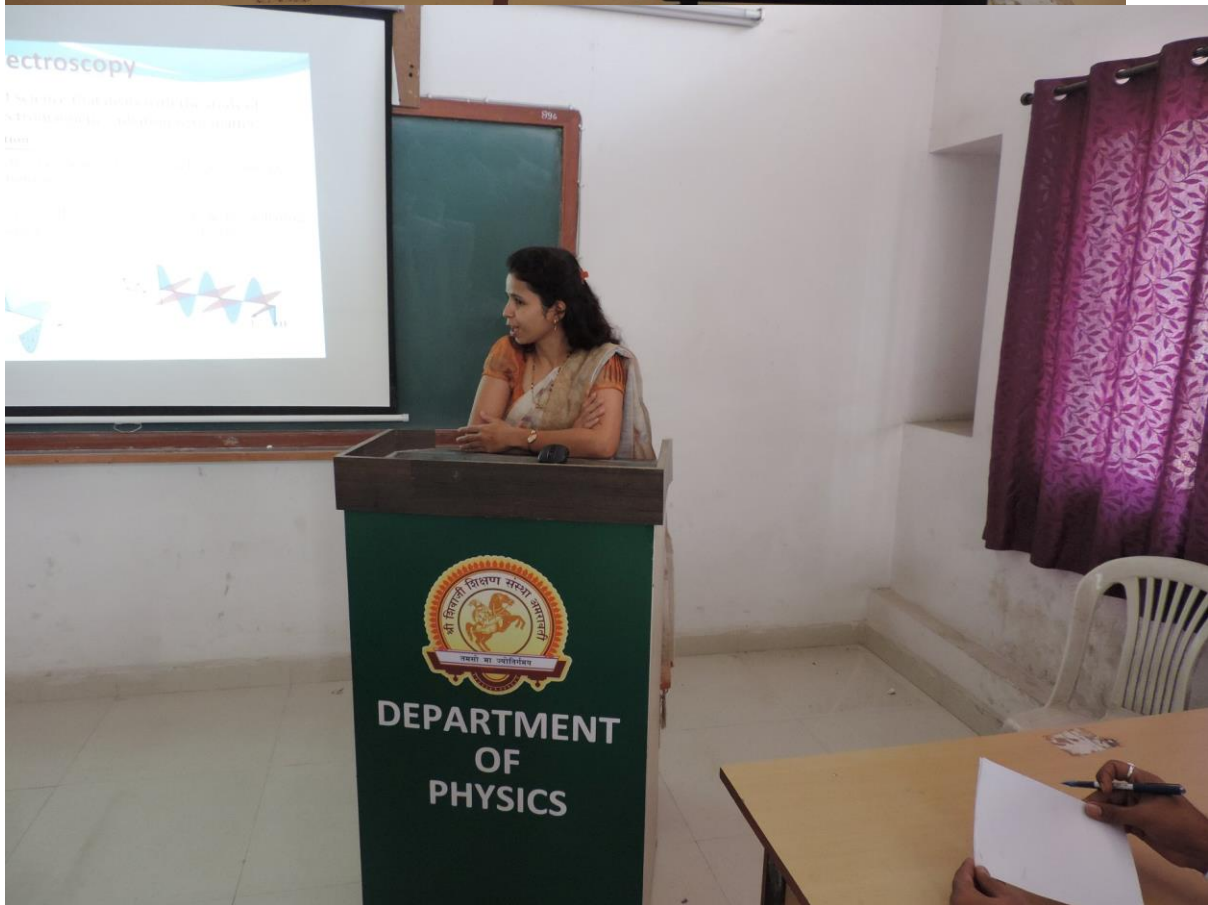
13th Dec 2019: Under the auspicious of Physics Society a guest lecture was organized on the topic Characterization of materials by Fourier Transform Infrared Spectroscopy (FTIR) for PG students of Department of Physics. The speaker was Prof. A. A. Pakhale Assistant Professor, Government Institute of Forensic Science, Aurangabad.

Prof. Pakhale introduced basics of Electromagnetic Spectroscopy, history of development of infra-red spectroscopy and its development. She also narrated the basic principle of Michelson Interferometer in context to the principle of FTIR followed by advantages and applications of FTIR over other spectroscopy techniques for characterization for materials.

The team of Physics society conducted the programme under guidance of teacher. Dr S W Anwane, Head, Department of Physics, Dr S S Darokar, Coordinator PG Programme, Dr G L Jadhav, Prof C Ruchir Kumar, Prof P P Dixit, Dr Shweta Sharma, Prof Ms Akshya Kothare and Ex-Principal Dr C J Chandekar were present during the programme. Principal Dr M P Dhore appreciated efforts and enthusiasm of students and office bearers of Physics Society.

Action Taken : The guest lecture on characterization of materials by FTIR was a success, enriching the students' knowledge in analytical techniques and their applications. The Department of Chemistry plans to organize similar lectures to promote academic excellence.







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

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13/12/2019

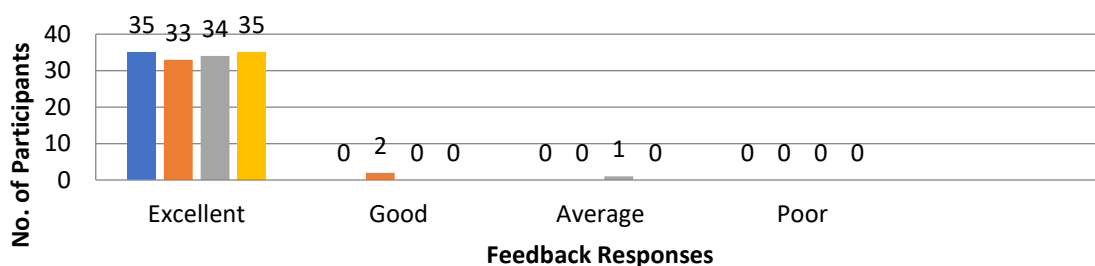
Name of Teacher : Dr. S. W. Anwane

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 ?
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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Dr A A Halder
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