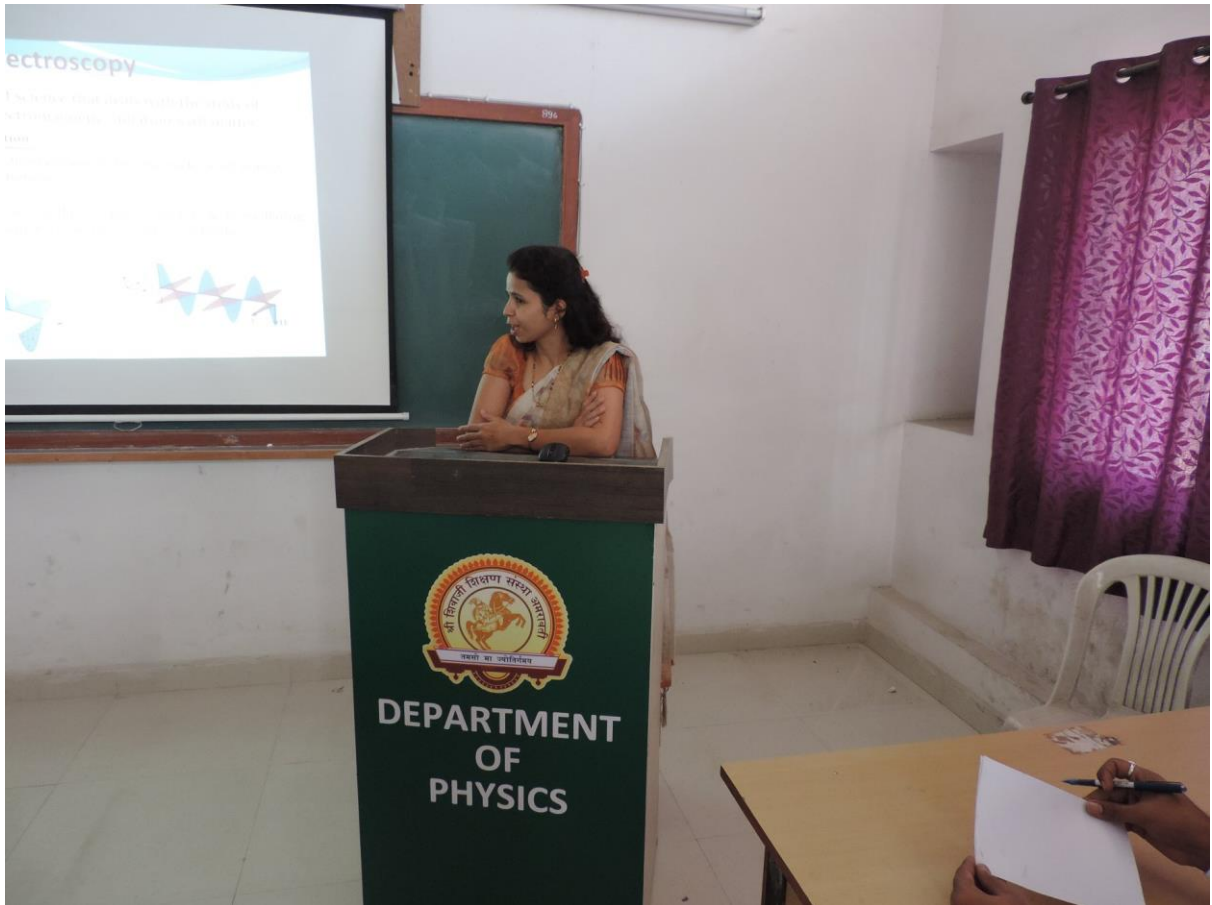


SSES Amt's Science College, Congress Nagar, Nagpur

Guest Lecture on Characterization of Material by FTIR

Session 2019-20





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.