

Internal Seminar

Evolution in characterisation of materials in electron microscopy for qualitative and quantitative analysis

Anagandula Shravani

IISc, Bangalore

The purpose of this presentation is to discuss about electron microscopes used for characterisation of different materials. This comprises the comparison of optical microscopes with electron microscopes which will let us understand the significance and of course the reason for evolution of EM's.

This would include the history of EM's , components of EM's, Basic working principles of EM's, Techniques involved in characterisation of various materials, qualitative and quantitative information analysed from EM's. This also includes the sample preparation techniques, regular maintenance of EM facility.

Friday, Mar 15th 2019

2:30 PM (Tea/Coffee at 2:00 PM)

Class Room-4, TIFR-H