



भारतीय प्रौद्योगिकी संस्थान हैदराबाद  
Indian Institute of Technology Hyderabad

## TEQIP Workshop on Materials Microstructure characterization using Optical and Scanning Electron Microscopy December, 20-24, 2015



**Optical Microscope**



**Field Emission Scanning Electron Microscope**

### Greetings from IIT Hyderabad!!

After the success of first workshop on “Advanced Materials Characterisation Techniques” during 1<sup>st</sup>-2<sup>nd</sup> November 2014, IIT Hyderabad is organizing another five days faculty development program, workshop on “Materials Microstructure Characterization using Optical and Scanning Electron Microscopy” during December 20<sup>th</sup>-24<sup>th</sup>, 2015; supported by TEQIP (MHRD). Participants from colleges, R&D organizations and industries are invited to attend this workshop.

### About the workshop

Materials microstructure characterization has become an integral part and connecting link in materials composition-property relationship for finding its suitable applications. With development in science and technology, light and electron based characterization techniques have evolved and facilitated understanding of matter and its advanced applications.

The Department of Materials Science and Metallurgical Engineering at IIT Hyderabad is organizing a TEQIP workshop on ‘Materials Microstructure Characterization using Optical and Scanning Electron Microscopy’ exclusively for colleges registered as TEQIP colleges. The five day workshop will cover principles and applications of materials characterization using optical and electron microscope. The workshop aims to offer unique hands-on experience on optical and scanning electron microscopes as well. **The participation is open to all disciplines but the number of participants is limited.**

### Registration FEE

- TEQIP Faculty\*: FREE
- Non-TEQIP Participants: Rs. 8,000/-
- Students\*: Rs. 4,500/-

### Please Note:

Above mentioned Fees include service tax. Amount to be sent through DD in the favour of “Registrar Indian Institute of Technology Hyderabad” or through the Bank Transfer (account details can be obtained through email). Registration fee includes breakfasts, lunches and dinners for 5 days and registration kit.

\*Requested to bring valid ID cards from respective college. Interested participants are requested to kindly visit website to fill online form at <http://www.iith.ac.in> and send the completed registration form through the email to [teqip-msme@iith.ac.in](mailto:teqip-msme@iith.ac.in)

Last date for receiving Registration form: Monday, November 30<sup>th</sup>, 2015

Coordinator:

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