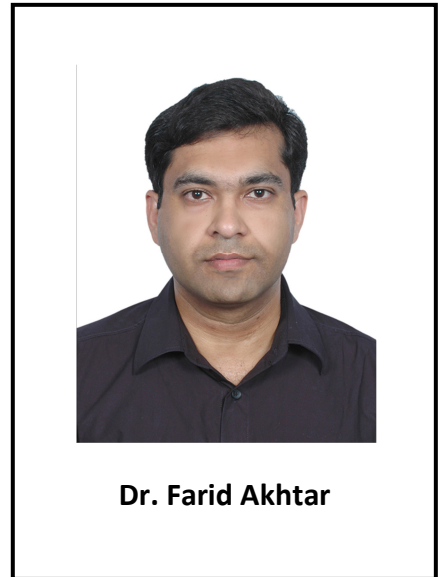


# ***PHYSICAL METALLURGY***

The Physical Metallurgy laboratory provides equipment for the training of undergraduate students to conduct experiments on materials structure and development, image analysis and failure analysis. The laboratory also provides support to graduate students in their research and industry for metallographic analysis. The laboratory is equipped with

- 1- Cutter for metal/materials cutting
- 2- Mounting Press
- 3- A full set of coarse and fine sample preparation equipment
- 4- Student Metallurgical Microscopes
- 5- High Resolution Metallurgical Microscopes
- 6- High Resolution Metallurgical Microscopes with camera support.
- 7- Olympus PME3 Metallurgical Microscope
- 8- METKON IMM901 Metallurgical Microscope with camera and Image analysis support
- 9- Etchants

for the microstructural analysis of various engineering materials.



Metallurgical microscopes: X100 to X1000 Magnifications



METKON IMM901 Metallurgical Microscope with Image analysis, Olympus PME3 Metallurgical Microscope and sample preparation apparatus.