



**Abrasive cutter**

Used for all metallic materials up to 30 mm diameter.

Category: Service Units

Courses: Failure Analysis, Material Science

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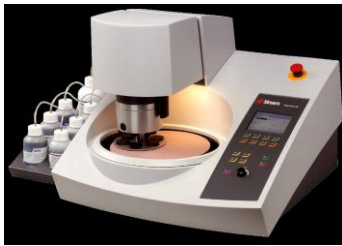
**Inverted Optical Microscope**

It is used for microstructure examination & determination of grain size, amount and size of phases in the microstructure.

Category: Teaching Equipment

Courses: Failure Analysis, Corrosion Engineering, Material Science

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**Automatic grinding & polishing unit**

Used for fine grinding & polishing of metallics samples.

Category: Service Units

Courses: Failure Analysis, Material Science

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**Electro-Potentiostat**

Potentiostat measures the corrosion behaviour of different materials in different environments. It measures corrosion rate of materials using different techniques such as linear polarization, dynamic polarization etc.

Category: Teaching Equipment

Courses: Corrosion Engineering, Material Science

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**Mounting Press**

Used for hot mounting of metallic specimens in phenolic resins. Used for mounting small metallic specimens for metallographic preparation.

Category: Teaching Equipment

Courses: Failure Analysis, Material Science

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**Metallographic Microscope**

Micro-structure examination of Specimens

Category: Teaching Equipment

Courses: Failure Analysis, Material Science

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**Mm6 Large Microscope**

Micro-structure examination of Specimens

Category: Teaching Equipment

Courses: Failure Analysis, Material Science

Faculty In Charge: Dr. Elsadig Mahdi

Teaching Assistant In Charge: Eng. Jayant Benurwar

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**12 Me Microscope**

Micro-structure examination of Specimens

Category: Teaching Equipment

Courses: Failure Analysis, Material Science

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**Stereo Microscope**

Macro-structure Examination of metals

Category: Teaching Equipment

Courses: Failure Analysis, Material Science

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**Stereo Microscope**

Micro-Macro-structure Examination

Category: Teaching Equipment

Courses: Failure Analysis, Material Science

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**Portable Hardness Tester**

Hardness Measurements of Metal Specimen

Category: Teaching Equipment

Courses: Failure Analysis, Material Science

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**Image Analysis System**

Quantitative analysis of Specimens

Category: Teaching Equipment

Courses: Failure Analysis, Material Science

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**Polisher**

Polishing Metal Specimens

Category: Teaching Equipment

Courses: Failure Analysis, Material Science

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**Belt Surfacer**

Fine Grinding of Metal Specimens

Category: Teaching Equipment

Courses: Failure Analysis, Material Science

Faculty In Charge: Dr. Elsadig Mahdi

Teaching Assistant In Charge: Eng. Jayant Benurwar

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**Roll Grinder**

Rough Grinding of Metal Specimens

Category: Teaching Equipment

Courses: Failure Analysis, Material Science

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**Mounting Press**

Mounting Metal Specimens

Category: Teaching Equipment

Courses: Failure Analysis, Material Science

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**Abrasive Cutter**

Cutting Metal Specimens

Category: Teaching Equipment

Courses: Failure Analysis, Material Science