

## Department of Metallurgical and Materials Engineering

The Department of Metallurgical and Materials Engineering focuses on the production of usable metals and their alloys from nature, natural resources, base metals and various unused products, the development of their properties and their behaviour in various environments and finds, researches and develops new areas of use for them.

In addition to significant work on metal-based materials, the production of ceramics, plastic and composite materials, research and development into their properties; educational and strategic developments towards materials design and use, new application and the improvement of the impact of metallurgic processes on the environment are also among the work areas of metallurgical and materials engineering.

In metallurgical and materials engineering education, theoretical, practical and laboratory work is carried out which is required to educate engineers who have the background to plan the work necessary in the fields of activity





outlined above, who can use contemporary technologies and adapt them to their own field of specialization, who can continue their individual development on the basis of their basic knowledge and are suitable to team work.

For educational and research purposes, the department incorporates Chemical Analysis, Electron Microscopy, Measurement and Calibration, Non-destructive Testing, Corrosion, Metallurgical Pre-processing, Plastics, Composites, Casting, Ceramics, Mechanical Testing, Plastic Forming, Raw Material Base Preparation, Powder Metallurgy, Workshop and Heat Treatment Processes laboratories.

The educational infrastructure of our department has attained quality management standards and possesses laboratory and educational accreditation.

Our department incorporates two divisions and continues its educational, research and practical activities with academic staff of 9 professors, 3 associate professors, 11 assistant professors, 4 research assistants holding PhDs, 13 research assistants and 1 specialist.

## Divisions

- Extractive Metallurgy
- Materials Engineering and Science

## Contact

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