

GRADUATE PROGRAM IN METALLURGICAL ENGINEERING



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**ELIGIBILITY:
DIPLOMA OR ABOVE**



**DURATION:
REGULAR (3 YEARS)
FAST TRACK (1 YEAR)**



**WORK EXPERIENCE:
3 YEARS**

The right & deemed fit students will be provided with 100% placement assistance

COURSE DESCRIPTION

Graduate Program in Metallurgical Engineering is one of the popular courses, and students who are inclined towards the excavation and testing of metals can choose this course. Through this course, the candidates are offered theoretical and practical knowledge in terms of basic concepts of Metallurgical Engineering such as Metallic property, metal excavation technology, Metal testing process, metal protection & heat treatment, etc. After completing the course in Metallurgical Engineering, the candidates can opt for various career opportunities and job prospects. The candidates who have pursued a graduation in Metallurgical Engineering can go for either a government-based or a private based Metallurgical Corporation. The various job options which the candidates can take after pursuing a degree in Diploma in Metallurgical Engineering includes

- Assistant Engineer
- Technical Manager
- Research Associate
- Method Pattern Shop Engineer
- Mechanical Design Engineer
- Lab Technician.

COURSE INFORMATION

It consists of the study of minerals and ores, mainly educates the students about the process, transformation, mechanical behavior, and thermodynamics of minerals and ores.

Metallurgical And Materials Engineering is about the study of metals and minerals, their processing, and their transformation over the years.

- The course talks about the behavior, dynamics, and all other aspects of minerals and metals when they are experimented on are transformed into something else.
- Students are taught how various electrical and chemical products are made out of minerals and metals.
- It also talks about how the metals are extracted from different minerals, properties of metals, and production of metals and alloys.

There are many reasons to study Metallurgical Engineering as it opens many doors for the students in many industries such as Telecommunication industry, Microelectronics Industry, Railway Industry, Chemical Laboratories, Automobile Industry, Aircraft & Aerospace industry, and Clothing industry.

- Students get to study all there is to metals and minerals.
- It is interesting if compared to other engineering specializations.
- It opens doors to the metallurgical field which is quite diverse in nature and the possibilities for the graduates are endless.

Our Subjects

YEAR 1

- Essentials of Management
- Physical Metallurgical
- Metallic Materials
- Material Science & Steel
- Material Science of Non-Ferrous Metals

YEAR 2

- Heat Treatment of Metals and Alloys
- Glass Technology, Ceramic Technology
- Inorganic Building Materials
- Process Technology
- Thermodynamics

YEAR 3

- Ferrous Process Metallurgy
- Non-Ferrous Process Metallurgy, Casting Technology
- Metal Forming, Process & Plant Engineering
- Physical Metallurgy & Materials
- Fluid Mechanics and Machinery