

**IIMSR****Imperial Institute of Management Science & Research**

A Unit Of Wales Educational Trust

## Bachelor Programme in Metallurgical Engineering

Duration: 4 Years

Fee: 78,000/-

Eligibility: 10+2 (Science)

Bachelor of Technology in Metallurgical Engineering is a four-year undergraduate program offered by Vidya Bharati Institute Of Management & Technology in the field of metallurgy. Candidates who have successfully completed their 10+2 or equivalent education in science stream can apply for this course.

Any person who has successfully completed his or her 10+2 with Physics, Chemistry and Mathematics with minimum 50% marks is eligible to pursue this course.

The course is of 4 Years duration courses which is divided into 8 Semesters.

### What is the course about?

B.Tech in metallurgical engineering is basically the study of metals. Employment opportunities for metallurgical engineers are available in various areas such as chemical and metallurgical labs, iron and steel companies etc.

### Syllabus and Course Description:

Semester I	Semester II
Chemistry-I	Chemistry-II
Computer Programming	Mathematics-IIN
Mathematics-IN	Strength of Materials
Engineering Mechanics	Heat Engineering
Physics-I	Physics-II

Semester III	Semester IV
Fluid Flow and Heat Transfer	Numerical Analysis
Geology and Minerals Beneficiation	Material Science
Electrical Technology	Thermodynamics of Materials
Mathematics-III	Testing of Materials
	Fuels and Combustion

Semester V	Semester VI
Deformation and Fracture Behavior of Materials	Steel Making
Physical Metallurgy - I	Foundry Metallurgy