



# Govt. Science College, Jabalpur

**B.Sc. 3<sup>rd</sup> year**

**Geology**

**Mineral Resources of India**

**(Group A Paper I)**

**Course Learning Outcomes (CLO)**

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- ❖ Develop an understanding of the natural processes associated with the formation of mineral deposits.
- ❖ They will also learn about the metallic and non-metallic mineral wealth of India.





# Govt. Science College, Jabalpur

**B.Sc. 3<sup>rd</sup> year**

**Geology**

**Mining Geology and Mineral Beneficiation  
(Group A Paper II)**

**Course Learning Outcomes (CLO)**

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- ❖ Obtain the knowledge of mining methods, and will know about effects of mining on environment.
- ❖ They will learn about various methods of drilling mineral beneficiation.





# Govt. Science College, Jabalpur

**B.Sc. 3<sup>rd</sup> year**

**Geology**

**Fuel Geology**

**(Group B Paper I)**

## Course Learning Outcomes (CLO)

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- ❖ Student will learn coal forming processes, classification and analysis, information about techniques practiced in coal industry. They will have knowledge of origin and accumulation of liquid and gaseous hydrocarbons.
- ❖ Students will also learn about detection of radioactivity and search for atomic mineral deposits. They will also have an overview about Indian hydrocarbon and atomic mineral fields, locations of Nuclear Power Plants etc.





# Govt. Science College, Jabalpur

**B.Sc. 3<sup>rd</sup> year**

**Geology**

**Palaeobiology**

**(Group B Paper II)**

## Course Learning Outcomes (CLO)

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- ❖ Student will gain knowledge about the morphology, classification, evolution and geological history of the fossils of invertebrates, vertebrates, plants, and microfossils. The knowledge of paleobiology would enable the students to understand the succession of life through the Geological age.

