

Discipline	Semester	Name of the Teaching faculty +
		Rudra Mohan Nayak
Subject.	No. of Days/Week	Semester From Date - 15/02/2023
Min. hrs/yr	Class allotted.	To Date - 13/05/2023
Week	Class Day	No. of Weeks 15
Week	Class day.	Theory - II
1st.	1st.	Describe the principles of Stratigraphy.
	2nd.	Describe the principles of Stratigraphy.
	3rd	Describe the geological time scale.
	4th	Describe the geological time scale.
2nd.	1st.	Describe the stratigraphic Sequence, lithology, distribution and economic mineral deposits of Iron Ore Series.
	2nd	Describe the stratigraphic Sequence, lithology, distribution and economic mineral deposits of Iron Ore Series.
	3rd	Describe the stratigraphic Sequence, lithology, distribution and economic mineral deposits of Cuddapah Super group.
	4th	Describe the stratigraphic Sequence, lithology, distribution and economic mineral deposits of Cuddapah Super group.
3rd	1st.	Describe the stratigraphic Sequence, lithology, distribution and economic mineral deposits of Vindhyan Super group.
	2nd	Describe the stratigraphic Sequence, lithology, distribution and economic mineral deposits of Vindhyan Super group.
	3rd.	Describe the stratigraphic Sequence, lithology, distribution and economic mineral deposits of Gondwana Super group.
	4th	Describe the stratigraphic Sequence, lithology, distribution and economic mineral deposit of Gondwana Super group.
4th	1st	Describe the different ranks of Coal.
	2nd	Describe the different grades of Coal like, A, B, C, D.
	3rd	Describe different grades of Coal like, A, B, C, D.



	4th	Describe the various theories accounting for the origin of Coal.	10/15
5th	1st.	Describe the various theories accounting for the origin of Coal.	
	2nd	Describe various Important lower gondwana Coalfields of India.	
	3rd	Describe various Important lower gondwana Coalfields of India.	11/15
	4th	Describe the organic and inorganic theories accounting for the origin of Petroleum.	
6th	1st.	Describe the Organic and Inorganic theories accounting for the origin of Petroleum.	
	2nd	Define oil pool and oil trap.	
	3rd	Describe process of accumulation of oil.	
	4th	Describe process of accumulation of oil.	
7th	1st.	Describe favorable conditions of accumulation of oil.	12
	2nd	Describe different Important oil fields in India.	
	3rd	Describe Different Important Oil fields in India.	
	4th	Define prospecting, Differentiate between prospecting and Exploration.	
8th	1st	Differentiate between prospecting and exploration.	
	2nd.	Differentiate between prospecting and exploration.	
	3rd	Use of multi shot Camera for borehole direction test.	
	4th	Enumerate and Describe various Criteria for Geological exploration.	
9th	1st	Describe various methods of Geophysical prospecting.	
	2nd	Describe various methods of Geophysical prospecting.	
	3rd	Explain Geochemical prospecting.	
	4th	Explain Geochemical prospecting.	



10/15

1st

Differentiate between Biogeochemical and Geobotanical prospecting.

2nd

Differentiate between Biogeochemical and Geobotanical prospecting.

3rd

Define Ore and Gangue.

4th

Define Tonnage and Grade.

11/15

1st.

Describe the Mineralogy, mode of Occurrence of Iron Ore Deposits in India.

2nd.

Describe the Distribution and use of the Iron Ore Deposits in India.

3rd.

Describe the mineralogy, mode of Occurrence and Description of Chromites Deposits in India and Its use.

4th

Describe the mineralogy, mode of Occurrence and Description of Chromites Deposits in India and Its use.

12/15

1st.

Describe the mineralogy, mode of Occurrence and Description of Chromites deposits in India and Its use.

2nd.

Describe the mineralogy, mode of Occurrence and Distribution of Copper Deposits.

3rd.

Describe the mineralogy, mode of Occurrence and Distribution of Copper Deposits.

4th

Describe the mineralogy, mode of Occurrence and Distribution of Copper Deposits.

13/15

1st.

Describe the mineralogy, mode of Occurrence, Distribution of Lead and Zinc deposits in India and the uses of these metals.

2nd

Describe the mineralogy, mode of Occurrence, Distribution of Lead and Zinc deposits in India and the uses of these metals.

3rd

Describe the mineralogy, mode of Occurrence, distribution of lead and zinc deposits in India and the

- 14/15 4th. Uses of these metals.
- 14/15 4th. UNFC (United Nations Framework of Classification)
- 14/15 1st. Code of classification of reserves.
- 14/15 2nd. Define Sampling, Outline the method of preparation of samples for assay.
- 14/15 3rd. Explain Sampling.
- 14/15 3rd. INTERNAL.
- 15/15 4th. Previous year questions
- 15/15 1st. Previous year questions
- 15/15 2nd. Previous year questions, discussion.
- 15/15 3rd. REVISION, Doubt clearing class.
- 15/15 4th. REVISION, Doubt clearing class.

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