

SYNERGY POLYTECHNIC, BBSR

The Lesson Plan

Discipline: MNE	Semester: 6th sem	Name of the Teaching Faculty: AMARNATH GOND
Subject: Mine Geology-II	No of Days/per week class allotted:	Semester from Date: 18-01-24 to Date: 26-04-24 No of Weeks:
Week	Class Day	Theory/Practical Topics
1st	1st	Defination, Principle of Stratigraphy
	2nd	-do-
	3rd	Deeply explanation of stratigraphy
	4th	-do-
	5th	
2nd	1st	-do-
	2nd	-do-
	3rd	Topic cover all aspect of Geological
	4th	Time Scale etc.
	5th	
3rd	1st	-do-
	2nd	-do-
	3rd	Doubt class which cover the topic of
	4th	Stratigraphy, Geological Time Scale
	5th	
4th	1st	-do-
	2nd	Topic cover different rank of coal
	3rd	-do-
	4th	Grade of coal found in India etc.
	5th	
5th	1st	Origin of coal, different theories of coal
	2nd	-do-
	3rd	Importance of Lower Gondwanan Coalfields.
	4th	
	5th	Topic cover base on Origin of Petroleum

Ang
Sign of Faculty

Ang 18/01/24
HOD

Sharma
16/1/24
Principal

SYNERGY POLYTECHNIC, BBSR

The L
Desc
Si

The Lesson Plan

Discipline: MNE	Semester: 6th sem	Name of the Teaching Faculty: AMARNATH GOND
Subject: Mine. Geology-II	No of Days/per week class allotted:	Semester from Date: 16-1-24 to Date: 26-4-24 No of Weeks:
Week	Class Day	Theory/Practical Topics
6th 1st	1st	Define Oil Pool and Oil trap
	2nd	Importance of oil fields in India
	3rd	Process of accumulation of oil
	4th	Organic & Inorganic Theories of oil
	5th	
7th 2nd	1st	Topic cover prospecting & exploration
	2nd	definition, differentiate betw prospecting
	3rd	& Exploration etc.
	4th	-do-
	5th	
8th 3rd	1st	Use of Multi Shot Camera, borehole.
	2nd	- do -
	3rd	Direction of Borehole topic will be cover
	4th	Describe various Criteria for geological
	5th	exploration
9th 4th	1st	Definition and explanation of Geophysics
	2nd	Explanation of Geo botanical prospecting
	3rd	-do-
	4th	Differentiate of Geophysics / Botanical
	5th	
10th 5th	1st	Definition cover based on topic Ore,
	2nd	Grangue, Tenor, Grade etc
	3rd	-do-
	4th	Mineralogy, occurrence, description of
	5th	deposit, uses, distribution of different metals

Ang
Sign of Faculty

Ang 16/01/24
HOD

Spur 20/1/24
Principal

SYNERGY POLYTECHNIC, BBSR

The Lesson Plan

Discipline: MNE	Semester: 8th sem	Name of the Teaching Faculty: AMARNATH GOND
Subject: Mine. Geology - TP	No of Days/per week class allotted:	Semester from Date: 16-1-24 to Date: 26-1-24 No of Weeks:
Week	Class Day	Theory/Practical Topics
11th 1st	1st	Iron Ore Deposit explanation
	2nd	Copper Ore Deposit explanation
	3rd	Lead Ore Deposit explanation
	4th	Zinc Ore Deposit explanation
	5th	
12th 2nd	1st	-do-
	2nd	UNFC Code of classification discuss
	3rd	-do-
	4th	Doubt classes topic cover Economic Geology.
	5th	
13th 3rd	1st	Define and discuss the topic Sampling
	2nd	-do-
	3rd	Outline method of preparation of
	4th	samples for assay
	5th	
14th 4th	1st	-do-
	2nd	Define and describe different method
	3rd	of sampling by Bureau of Indian
	4th	Standard (BIS)
	5th	
15th 5th	1st	-do-
	2nd	Doubt classes covers all topic
	3rd	-do-
	4th	-do-
	5th	

Ang
Sign of Faculty

Ang 16/01/24
HOD

Jahar
Principal 16/1/24