

SYNERGY POLYTECHNIC, BHUBANESWAR
A/P- Bhimpur, Phulnakhara Dist-Khorda Odisha-752101
Website: Synergypolytechnic.com

DEPARTMENT OF MINING ENGINEERING

(LESSON PLAN 6th SEM 2023-24)

Discipline: Mining Engg.	6th Semester	Name of the teaching faculty: Amarnath Goud
Subject: M.L.G.S-II	No. of Days/Week class allotted: 4	Semester from Date: 16.01.24 To Date: 30.04.24 No. of weeks: 15
Week	Class Day	Topic Cover
1st	1st	Metalliferous Mines Regulations 1961 Discuss various provisions of Metalliferous Mines Regulations 1961.
	2nd	-do-
	3rd	-do-
	4th	-do-
2nd	1st	-do-
	2nd	-do-
	3rd	-do-
	4th	-do-
3rd	1st	-do-
	2nd	-do-
	3rd	-do-
	4th	-do-
4th	1st	Mines V.T. Rules 1966 Discuss various provisions of Mines V.T. Rules 1966.
	2nd	-do-
	3rd	-do-
	4th	-do-
5th	1st	-do-
	2nd	-do-
	3rd	-do-
	4th	-do-
6th	1st	Mines Creche Rules 1966 Discuss various provisions of Mines Creche Rules
	2nd	-do-
	3rd	-do-
	4th	-do-
7th	1st	-do-
	2nd	-do-
	3rd	-do-
	4th	-do-
8th	1st	Maternity Benefit Act Discuss various provisions of Maternity Benefit Act.

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	2nd	-do-
	3rd	-do-
	4th	-do-
9th	1st	-do-
	2nd	Mines Accident & Safety Discuss their classification, causes & prevention.
	3rd	Develop concept about accident cost, accident report, procedure for conducting an enquiry to ascertain the causes of accidents
	4th	-do-
10th	1st	Discuss procedure for investigation & reporting Mine accident, accident proneness, fatality rate, frequency rate & severity rate
	2nd	-do-
	3rd	Explain role of supervision in accident prevention, accident due to opencast workings, statistical analysis of accidents, accident statistics, its head & method of data processing
	4th	-do-
11th	1st	Develop basis concepts of safety, safety & productivity, safety consciousness & safety campaign, safety organization, safety audit.
	2nd	-do-
	3rd	Discuss terms like industrial fatigue, preventive maintenance, productive equipments & duties of Safety Officer.
	4th	-do-
12th	1st	Discuss various provisions of Forest Conservation Act (FCA) 1980
	2nd	-do-
	3rd	-do-
	4th	-do-
13th	1st	Discuss various provisions of Environmental Protection Act 1986
	2nd	-do-
	3rd	-do-
	4th	-do-
14th	1st	MMRD Act & MCR Rules Various provisions of Mineral conservation.
	2nd	-do-
	3rd	-do-
	4th	-do-
15th	1st	Classified Circulars (DGMS) As amended up-to-date.
	2nd	-do-
	3rd	-do-
	4th	-do-

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Sign. of faculty

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11/01/24
HOD
Mining Engg.

Debraj
11/01/24
Principal
Synergy polytechnic
Bhubaneswar