

GOVERNMENT POLYTECHNIC JAJPUR

A/ P: Ragadi, Block: Korei, Dist.: Jajpur, Odisha- 755019

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DEPARTMENT OF MINING ENGINEERING

LESSON PLAN

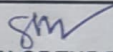
Discipline: MINING	Semester: 6th	Name of the Teaching faculty: SOUMYA RANJAN SAMAL
Subject: MINE LEGISLATIO	No of Days/Week class allotted:	Semester from Date: 14/02/23 To Date: 23/05/23 No of weeks: 16
Week	Class Day	Topics
1st	1st	Discuss various provisions of Metalliferous Mines Regulations 1961.
	2nd	Discuss various provisions of Metalliferous Mines Regulations 1961.
	3rd	Discuss various provisions of Metalliferous Mines Regulations 1961.
	4th	Discuss various provisions of Metalliferous Mines Regulations 1961.
2nd	1st	Discuss various provisions of Metalliferous Mines Regulations 1961.
	2nd	Discuss various provisions of Metalliferous Mines Regulations 1961.
	3rd	Discuss various provisions of Metalliferous Mines Regulations 1961.
	4th	Discuss various provisions of Metalliferous Mines Regulations 1961.
3rd	1st	Discuss various provisions of Metalliferous Mines Regulations 1961.
	2nd	Discuss various provisions of Metalliferous Mines Regulations 1961.
	3rd	Discuss various provisions of Metalliferous Mines Regulations 1961.
	4th	Discuss various provisions of Metalliferous Mines Regulations 1961.
4th	1st	Discuss various provisions of Mines V.T. Rules 1966.
	2nd	Discuss various provisions of Mines V.T. Rules 1966.
	3rd	Discuss various provisions of Mines V.T. Rules 1966.
	4th	Discuss various provisions of Mines V.T. Rules 1966.
5th	1st	Discuss various provisions of Mines V.T. Rules 1966.
	2nd	Discuss various provisions of Mines Creche Rules 1966.
	3rd	Discuss various provisions of Mines Creche Rules 1966.
	4th	Discuss various provisions of Mines Creche Rules 1966.
6th	1st	Discuss various provisions of Mines Creche Rules 1966.
	2nd	Discuss various provisions of Mines Creche Rules 1966.
	3rd	Discuss various provisions of Mines Creche Rules 1966.
	4th	CLASS TEST 1, Previous year questions, quiz test
7th	1st	Discuss various provisions of Maternity Benefit Act.
	2nd	Discuss various provisions of Maternity Benefit Act.
	3rd	Discuss various provisions of Maternity Benefit Act.

	4th	Discuss various provisions of Maternity Benefit Act.
8th	1st	Discuss classification Mines Accident, causes & prevention.
	2nd	Develop concept about accident cost, accident report, procedure for conducting an enquiry to ascertain the causes of accidents.
	3rd	Develop concept about accident cost, accident report, procedure for conducting an enquiry to ascertain the causes of accidents.
	4th	Discuss procedure for investigation & reporting Mine accident.
9th	1st	Discuss procedure for investigation & reporting accident proneness, fatality rate, frequency rate & severity rate.
	2nd	Explain role of supervision in accident prevention, accident due to opencast workings, statistical analysis of accidents, accident statistics, its head & method of data processing.
	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	Develop basis concepts of safety, safety & productivity, safety consciousness & safety campaign, safety organization, safety audit.
10th	1st	Describe rules of safety committee.
	2nd	Explain the role of workmen inspectors.
	3rd	Discuss terms like industrial fatigue, preventive maintenance, productive equipments & duties of Safety Officer.
	4th	Discuss terms like industrial fatigue, preventive maintenance, productive equipments & duties of Safety Officer.
11th	1st	Discuss various provisions of Forest Conservation Act (FCA) 1980.
	2nd	Discuss various provisions of Forest Conservation Act (FCA) 1980.
	3rd	Discuss various provisions of Forest Conservation Act (FCA) 1980.
	4th	Discuss various provisions of Forest Conservation Act (FCA) 1980.
12th	1st	Various provisions of Mineral conservation & exploitation.
	2nd	Various provisions of Mineral conservation & exploitation.
	3rd	Various provisions of Mineral conservation & exploitation.
	4th	CLASS TEST 2, Previous year questions, quiz
13th	1st	Various provisions of Mineral conservation & exploitation.
	2nd	Various provisions of Mineral conservation & exploitation.
	3rd	National Mineral policy.
	4th	National Mineral policy.
14th	1st	National Mineral policy.
	2nd	National Mineral policy.
	3rd	Classified Circulars (DGMS)-As amended up-to-date.
	4th	Classified Circulars (DGMS)-As amended up-to-date.
	1st	Classified Circulars (DGMS)-As amended up-to-date.

15th	2nd	Classified Circulars (DGMS)-As amended up-to-date.
	3rd	Classified Circulars (DGMS)-As amended up-to-date.
	4th	Classified Circulars (DGMS)-As amended up-to-date.
16th	1st	Classified Circulars (DGMS)-As amended up-to-date.
	2nd	Classified Circulars (DGMS)-As amended up-to-date.
	3rd	previous year question discussion
	4th	Previuos year questions, quiz

RECOMMENDED BOOKS

Sl no.	Name of the Books
	M.M.R.- 1961
	Mines V.T.Rules- 1966
	Mines Creche Rules- 1966
	Maternity Benefit Act
	Pit Head bath Rules
	Worker's compassion Act
	Environmental Protection Act-1986
	DGMS Circulars


SIGN OF THE FACULTY