



SYNERGY SCHOOL OF ENGINEERING, DHENKANAL

LESSON PLAN

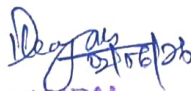
SESSION(2026-27)

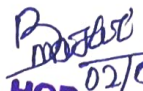
Discipline: MINING	Semester:5TH	Name of the Teaching faculty:-TAPAS SAMAL(T.A IN MINING)	
Subject: MINE LEGISLATION & GENERAL SAFETY-II	No of Days/Week Class allotted:-3	Semester from Date:- 01/07/26	To Date:- 05/11/26
		No of weeks:15	
Week	Class Day	Topics	
1st	1st	Discuss various provisions of Mines V.T.Rules 1966.	
	2nd	Discuss various provisions of Mines V.T.Rules 1966,	
	3rd	Discuss various provisions of Mines V.T.Rules 1966,	
2nd	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,	
3rd	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	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 V.T.Rules 1966,	
5th	1st	Discuss various provisions of Mines Creche Rules 1966.	
	2nd	Discuss various provisions of Mines Creche Rules 1966.	
	3rd	Discuss various provisions of Mines V.T.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 V.T.Rules 1966,	
7th	1st	Discuss various provisions of Mines Creche Rules 1966.	
	2nd	CLASS TEST 1,Previous year questions,quiz test	
	3rd	Discuss various provisions of Maternity Benefit Act.	
8th	1st	Discuss various provisions of Maternity Benefit Act.	
	2nd	Discuss various provisions of Maternity Benefit Act.	
	3rd	Discuss various provisions of Maternity Benefit Act.	
9th	1st	Discuss various provisions of Maternity Benefit Act.	
	2nd	Discuss various provisions of Maternity Benefit Act.	
	3rd	Discuss various provisions of Maternity Benefit Act.	
10th	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.	
11th	1st	Develop concept about accident cost,accident report,procedure for conducting an enquiry to ascertain the causes of accidents.	
	2nd	Discuss procedure for investigation &reporting Mine accident.	
	3rd	Discuss procedure for investigation &reporting Mine accident.	
	1st	Discuss procedure for investigation &reporting accident proneness, fatality rate,frequency rate &severity rate.	

2/10/26

12th	2nd	Explain the 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 the role of supervision in accident prevention, accident due to opencast workings, statistical analysis of accidents, accident statistics, its head & method of data processing.
13th	1st	Explain role of supervision in accident prevention, accident due to opencast workings, statistical analysis of accidents, accident statistics, its head & method of data processing.
	2nd	Develop basis concepts of safety, safety & productivity, safety consciousness & safety campaign, safety organization, safety audit
	3rd	Develop basis concepts of safety, safety & productivity, safety consciousness & safety campaign, safety organization, safety audit
14 TH	1st	Describe rules of safety committee.
	2nd	Explain the role of workmen inspectors.
	3rd	Explain the role of workmen inspectors.
15 TH	1st	Discuss terms like industrial fatigue, preventive maintenance,
	2nd	Productive equipments & duties of Safety Officer.
	3rd	Discuss terms like industrial fatigue, preventive maintenance, productive equipments & duties of Safety Officer.


 Signature of faculty


 PRINCIPAL
 Synergy School of Engineering
 Dhenkanal


 HOD
 Mining Engg. Dept.
 SSE, Dhenkanal
 HOD Mining