JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe : Diploma	**Session : 2022-2023**	**Year : 2022**	**Sem: III**
Course: INTRODUCTION TO MINING			
Name of the Faculty: D P PANDEY	**Commencement Date: 28/8/2022**		**Date of Closure:**

Lecture No.	Week	Unit	Topics to be Covered	Blended Mode			Date	Duration	Tracking of Lectures	Related Course Outcome	Signature of Faculty	Signature of HoD	Remarks (if any)
				ICT Tool/Platform/ LMS	Resources	Activity							
1	1	UNIT 1	Significance of Mining Industry,										
2		UNIT 1	History of Mining,										
3		UNIT 1	Mining & Socio Economic impact.										
4	2	UNIT 2	Mining and Surface Environment,										
5		UNIT 1	Health and Safety.										
6		UNIT 1	Mineral Resource of India,										
7	3	UNIT 1	Mineral and energy resources of world,										
8		UNIT 1	Terminology in Mining.										
9		UNIT 2	Mining – definition										
10	4	UNIT 2	and economic importance;										
11		UNIT 2	mine – definition,										
12		UNIT 2	different types and classification;										
13	5	UNIT 3	Mine life cycle;										
14		UNIT 3	Mineral deposit ,										
15		UNIT 3	different types and their classification.										

16		UNIT 3	Modes of entry to a mine – shaft, incline, and										
17	6	UNIT 3	decline, adit										
18		UNIT 3	Box-cut.										
19		UNIT 4	Overview of surface mining:										
20	7	UNIT 4	Types of surface mines,										
21		UNIT 4	unit operations, basic bench geometry,										
22		UNIT 4	applicability &										
23	8	UNIT 4	limitations of various methods										
24		UNIT 4	advantages & disadvantages of opencast method.										
25		UNIT 4	Overview of underground mining:										
26	9	UNIT 4	Different coal mining methods										
27		UNIT 4	Their applicability & limitations;										
28		UNIT 4	Different metal mining methods and										
29	10	UNIT 4	their applicability & limitations;										
30		UNIT 4	Basic concepts of transportation,										
31		UNIT 4	ventilation, illumination										
32	11	UNIT 4	and support in underground mines.										
33		UNIT 4	REVISON										
34		UNIT 4	REVISION										
35	12	UNIT 4	REVISION										
36		UNIT 4	REVISION										