JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe : B.TECH	**Session : 2022-2023**	**Year : 2022**	**Sem: VII**
Course: MINE LEGISLATION & SAFETY I			
Name of the Faculty: D P PANDEY	**Commencement Date: 29/8/2022**		**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 I	Mines Act 1952: Important definition: Adolescent,										
2		UNIT I	adult, child, Employed,										
3		UNIT I	Mine, Open cast working,										
4	2	UNIT I	Relay, Shift, Serious bodily injury.										
5		UNIT I	Provision for health and safety, Provisions regarding leave with wages, committees,										
6		UNIT I	Notice to be given of accident, Hours & Limitations of Employment.										
7	3	UNIT I	Mines rules: Provisions regarding health & sanitation,										
8		UNIT I	first aid and medical appliances										
9		UNIT I	Mines Act in respect of Drinking water health and hygienic conservancy.										
10	4	UNIT II	Mines Rules 1955: Provision of workmen inspector & safety committee,										
11		UNIT II	Provisions related to health & sanitation										
12		UNIT II	provisions related to First Aid & medical appliances,										
13		UNIT II	First aid room, first aid station										

14	5	UNIT II	welfare amenities.										
15		UNIT II	Hours and limitations of Employment										
16	6	UNIT II	leave with wages - with wages and over time.										
17		UNIT III	Coal Mines and Metalliferous Mines Regulations: Important definitions, regulations related to notice of accidents										
18		UNIT III	Duties of managers & Asst/under Managers										
19	7	UNIT III	Duties of Overman, foreman and surveyor,										
20		UNIT III	Mine plans and sections. Means of Access and egress ladder and Ladder ways under M.M.R.										
21		UNIT III	Transport of men and material by Haulage mine working,										
22	8	UNIT III	precautions against dangers from gas and water Mine ventilation,										
23		UNIT III	Mine lighting and safety equipment and types of fences										
24		UNIT IV	Safety Aspects in Mines: Accidents classification										
25	9	UNIT IV	Analysis-safe condition- unsafe condition-mine safety-										
26		UNIT IV	safety objectives- major factors to be considered for safety -										
27		UNIT IV	safety week- pit safety committee-										
28	10	UNIT IV	safety organization and safety policy										
29		UNIT IV	REVISION										
30		UNIT IV	REVISION										