JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe : Diploma (Mining)	**Session : 2022-2025**	**Year : 2022**	**Sem: III**
Course: Disaster Management			
Name of the Faculty: SAPNA KESHRI	**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	I	Understanding Disasters, introduction, definition, types										
2			Understanding the concepts and definitions of disaster, hazard, vulnerability										
3			Risk, importance, dimensions & scope of Disaster Management										
4	2	II	Disaster Management cycle										
5			Disaster profile of India										
6			Trends, Causes, Consequences and Control of Disaster: Geological Disasters (earthquakes, landslides, tsunami, mining)										
7	3	III	Hydro-Meteorological Disasters (floods, cyclones, lightning, thunder-storms, hail storms, avalanches, droughts, cold and heat waves)										
8			Biological Disasters (epidemics, pest attacks, forest fire)										
9			Man-made Disasters (building collapse, rural and urban fire, road and rail accidents, nuclear, radiological)										

10			Man-made Disasters (chemicals and biological disasters; terrorist attack, , sudden shooting)										
11	**4**	**IV**	Technological Disasters (chemical, industrial, radiological, nuclear, bomb threat, explosion)										
12			Global Disaster Trends–Emerging Risks of Disasters–Climate Change and Urban Disasters										
13			Financial emergency(risk of eviction, risk in arrears, sudden health emergency, family emergency, unexpected loss of income)										
14	**5**	**V**	Prevention and Mitigation of Disaster :Disaster Mitigation: meaning and concept										
15			Disaster Mitigation Strategies Emerging Trends in Disaster Mitigation										
16			Mitigation management, Role of Team and Coordination										
17	**6**	**VI**	Disaster Preparedness: Concept & Nature, Disaster Preparedness Plan, Preventions										
18			Roles & Responsibilities of Different Agencies and Government										
19			Technologies for Disaster Management										
20	**7**	**VII**	Early Warning System; Preparedness, Capacity Development										
21			Awareness during Disaster										
22			Applications of Science and Technology for Disaster Management, Introduction										

23	**8**	**VIII**	Applications of Science and Technology for Mitigation										
24			Geo-informatics in Disaster Management (RS, GIS, GPS and RS)										
25	**9**	**IX**	Disaster Communication System (Early Warning and Its Dissemination)										
26			Land Use Planning and Development										
27			Regulations, Disaster Safe Designs and Constructions										
28	**10**	**X**	Structural and Non Structural Mitigation of Disasters										
29			REVISION AND DISCUSSION of Unit 1										
30			REVISION AND DISCUSSION of Unit 2										
31	**11**		REVISION AND DISCUSSION of Unit 3										
32			REVISION AND DISCUSSION of Unit 4										