JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe : BCA III	**Session : 2021-2024**	**Year : 2nd year**	**Sem: 3rd semester**
Course: Disaster Management (MC.201)			
Name of the Faculty: Divya Bharati	**Commencement Date: 29.08.2022**		**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 (i 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	**5**	**V**	Financial emergency(risk of eviction, risk in arrears, sudden health emergency, family emergency, unexpected loss of income)										
14			Prevention and Mitigation of Disaster :Disaster Mitigation: meaning and concept										
15			Disaster Mitigation Strategies Emerging Trends in Disaster Mitigation										
16	**6**	**VI**	Mitigation management, Role of Team and Coordination										
17			Disaster Preparedness: Concept & Nature, Disaster Preparedness Plan, Preventions										
18			Roles & Responsibilities of Different Agencies and Government										
19	**7**	**VII**	Technologies for Disaster Management										
20			Early Warning System; Preparedness, Capacity Development										
21			Awareness during Disaster										
22	**8**	**VIII**	Applications of Science and Technology for Disaster Management, Introduction										
23			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			Structural and Non Structural Mitigation of Disasters										

29	**10**	**X**	REVISION AND DISCUSSION of Unit 1 and 2										
30			REVISION AND DISCUSSION of Unit 3 and 4										