

w.e.f. 2026-2027

Chaudhary Bansi Lal University, Bhiwani

(A State University established under Haryana Act No. 25 of 2014)



Scheme and Syllabi of Examination For Post Graduate Diploma in Disaster Management, Rehabilitation and Adaptation (PGDDMRA) (w.e.f. 2026-27)

(In accordance with NEP-2020)

**Curriculum and Credit Framework for Post Graduate Programme (Multiple
Entry-Exit, Internship and Choice Based Credit System LOCF)**

(Approved by the Board of Studies, PGDDMRA, CBLU, Bhiwani, Haryana)

**Department of Sociology & Social Work
Faculty of Social Sciences**

**Chaudhary Bansi Lal University, Prem Nagar-127031
Bhiwani, Haryana, India**

Chaudhary Bansi Lal University, Bhiwani

(A State University established under Haryana Act No. 25 of 2014)

Post Graduate Diploma in Disaster Management, Rehabilitation and Adaptation (PGDDMRA) programme at Chaudhary Bansi Lal University, Bhiwani, is a one year postgraduate programme designed to prepare graduates for professional social work practice. The following Programme Outcomes (POs) outline the expected achievements of graduates upon completion, aligning with the *Curriculum and Credit Framework for Postgraduate Programmes* and the *National Education Policy (NEP) 2020*. These outcomes are tailored to the National Higher Education Qualification Framework (NHEQF) for Post Graduate Diploma and reflect the programme's syllabus, which includes theoretical courses, fieldwork, and electives addressing contemporary social issues. These outcomes are tailored to meet the expectations set by the National Higher Education Qualification Framework (NHEQF) for Post Graduate programme, emphasizing advanced knowledge, practical application, research skills, and ethical practice. They also reflect NEP 2020's focus on holistic, multidisciplinary education and societal contribution.

1. **PO1: Understanding Disaster Management and Professional Knowledge**
2. **PO2: Practical Application and Fieldwork Competence**
3. **PO3: Research and Ethical Practice**
4. **PO4: Collaboration, Leadership and Advocacy**





CHAUDHARY BANSI LAL UNIVERSITY, BHIWANI

Scheme of the Examination for Post Graduate Diploma in Disaster Management, Rehabilitation and Adaptation (PGDDMRA)

w.e.f. 2026-2027

Semester	Course Type	Course Code	Nomenclature of course	Theory (Th)/ Practical (P)	Credits		Contact hours per week				Internal Assessment Marks	End Term Examination Marks	Total Marks	Examination hours
							L: Lecture P: Practical T: Tutorial							
I	CC- 1	P26-DDM-101	Disaster Management and Social Work	Th	4	Total	L	T	P	Total	30	70	100	3
	CC- 2	P26-DDM-102	Environment and Ecology	Th	4	20	4	0	0	4	30	70	100	3
	CC-3	P26-DDM-103	Disaster Management Laws and Policies	Th	4		4	0	0	4	30	70	100	3
	CC- 4	P26-DDM-104	Disaster Preparedness and Mitigation	Th	4		4	0	0	4	30	70	100	3
	CC- 5	P26-DDM-105	Vulnerability and Risk Management	Th	4		4	0	0	4	30	70	100	3



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w.e.f. 2026-2027

Semester	Course Type	Course Code	Nomenclature of course	Theory (Th)/ Practical (P)	Credits		Contact hours per week				Internal Assessment Marks	End Term Examination Marks	Total Marks	Examination hours
						Total	L	T	P	Total				
II	CC-6	P26-DDM-201	Community-Based Disaster Risk Management	Th	4		4	0	0	4	30	70	100	3
	CC-7	P26-DDM-202	Research Methodology	Th	4		4	0	0	4	30	70	100	3
	CC-8	P26-DDM-203	Disaster Rehabilitation, Reconstruction & Recovery	Th	4	22	4	0	0	4	30	70	100	3
	CC-9	P26-DDM-204	Health Emergencies and Disaster Management	Th	4		4	0	0	4	30	70	100	3
	CC-10	P26-DDM-205	Rehabilitation and Adaptation in Disaster Management	Th	4		4	0	0	4	30	70	100	3
	VAC	M25-CHM-206	Constitutional, Human and Moral Values	Th	2		2	0	0	2	15	35	50	3



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Department of Sociology and Social Work

Syllabus of Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation

Name of Programme	Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation		
Semester	First		
Name of the Course	Disaster Management and Social Work		
Course Code	P26-DDM-101		
Course Type	CC-1		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Explain the concepts, theories, and dimensions of disaster and disaster management. CLO 2: Analyse vulnerability, risk, resilience, and disaster impacts on individuals, groups, and communities. CLO 3: Apply disaster management principles in preparedness, mitigation, response, and recovery phases. CLO 4: Demonstrate social work intervention skills for psychosocial support, rehabilitation, and community-based disaster management. CLO 5: Evaluate disaster policies, legal frameworks, and institutional mechanisms in India and globally.		
Mode of Examination	Theory	Practical	Total
Credit	4	0	4
Teaching Hours per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Maximum Marks	100	0	100
Examination Time	03 hours		

Question Paper Structure

The question paper shall consist of 09 questions. Out of which, first question shall be of short answer type and will be compulsory. Question no. 01 shall contain 07 parts representing all units of the syllabus. There shall be 02 questions from each unit having internal choice. The students are required to attempt any one question from each unit. The weightage for each question shall be 14 marks.

Unit	Topic	Hours
Unit-1	Introduction to Disaster Management: - Concept, meaning, and definitions of disaster and hazard - Types of disasters: Natural and Human-made disasters - Social, economic, environmental, and psychological impacts of disasters - Causes and consequences of disasters (social, economic, environmental, and psychological)	15
Unit-2	Disaster Management Process and Frameworks: - Disaster Management Cycle: Prevention, Mitigation, Preparedness, Response, Recovery - Disaster Risk Reduction (DRR) and Climate Change Adaptation - Community-Based Disaster Management (CBDM) - Early Warning Systems and Emergency Planning - National and International Frameworks (Sendai Framework, SDGs)	15



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Unit-3	Social Work Practice in Disaster Situations: - Role of Social Workers in disaster preparedness and emergency response - Psychosocial care, trauma counselling, and crisis intervention - Working with vulnerable groups: children, women, elderly persons, and persons with disabilities - Community mobilization, participation, and resilience building - Rehabilitation, reconstruction, and livelihood restoration	15
Unit-4	Disaster Governance, Policies, and Professional Practice: - Disaster Management Act, 2005 and National Disaster Management Policy - Institutional mechanisms: NDMA, NIDM, NDRF, SDMA, DDMA - Role of NGOs, CBOs, Civil Society Organizations, and UN Agencies - Ethics and professional values in disaster social work	15
	Total Contact Hours	60

Suggested Evaluation Methods

Internal Assessment: 30 Marks		End Term Examination: 70 Marks	
Theory	30	Theory	70
Class Presentation	05	Written Examination	
Seminar/Assignment Presentation/Quiz/ Class Test etc.	10		
Mid -Term Exam (Minor Test)	15		

Learning Resources:

1. Gillespie, D. F., & Danso, K. (Eds.). (2010). *Disaster concepts and issues: A guide for social work education and practice*. Alexandria, VA: Council on Social Work Education
2. Alston, M., Hazeleger, T., & Hargreaves, D. (2019). *Social work and disasters: A handbook for practice*. London, England: Routledge
3. Dominelli, L. (2015). *Green social work: From environmental crises to environmental justice* (2nd ed.). Cambridge, UK: Polity Press.
4. McEntire, D. A. (2015). *Introduction to disaster management* (2nd ed.). Hoboken, NJ: Wiley.
5. Tierney, K. (2019). *Disasters: A sociological approach*. Cambridge, UK: Polity Press.
6. Rajendra Baikady, Cheng, S. L., & Channa veer, R. M. (2018). Integrating disaster management contents into social work curriculum. In *Disaster Risk Reduction: Community Resilience and Responses*. Cham, Switzerland: Palgrave Macmillan
7. Singh, R. B. (2018). *Disaster risk reduction approaches in India*. Tokyo: Springer
8. Gupta, H. K. (2013). *Disaster management*. Hyderabad: Universities Press
9. Singh, R. B. (2018). *Disaster risk reduction approaches in India*. Springer, Singapore.
10. Mani, N. (2017). *Environment, climate change and disaster management*. New Century Publications, New Delhi
11. Sinha, D. K. (2006). *Towards basics of natural disaster reduction*. Research co Book Centre, New Delhi
12. National Disaster Management Authority. (2019). *National disaster management plan*. Government of India, New Delhi.
13. National Institute of Disaster Management. (2020). *Training modules on disaster management*. Ministry of Home Affairs, Government of India, New Delhi
14. International Federation of Red Cross and Red Crescent Societies. (2009). *Psychosocial interventions: A handbook*. IFRC, Copenhagen
15. Inter-Agency Standing Committee. (2007). *IASC guidelines on mental health and psychosocial support in emergency settings*. IASC, Geneva



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Name of Programme	Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation		
Semester	First		
Name of the Course	Environment and Ecology		
Course Code	P26-DDM-102		
Course Type	CC-2		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Explain ecological principles and environmental processes. CLO 2: Assess environmental risks associated with disasters and climate change. CLO 3: Apply environmental management tools for disaster mitigation. CLO 4: Design adaptation and rehabilitation strategies for disaster-affected communities. CLO 5: Critically evaluate environmental and disaster management policies and frameworks		
Mode of Examination	Theory	Practical	Total
Credit	4	0	4
Teaching Hours per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Maximum Marks	100	0	100
Examination Time	03 hours		

Question Paper Structure

The question paper shall consist of 09 questions. Out of which, first question shall be of short answer type and will be compulsory. Question no. 01 shall contain 07 parts representing all units of the syllabus. There shall be 02 questions from each unit having internal choice. The students are required to attempt any one question from each unit. The weightage for each question shall be 14 marks.

Unit	Topic	Hours
Unit-1	Fundamentals of Environment and Ecology: - Concepts, Scope and Components of Environment (Atmosphere, Hydrosphere, Lithosphere, Biosphere) - Principles of Ecology: Ecosystem Structure, Functions and Energy Flow - Biodiversity, Ecosystem Services and Ecological Balance - Natural Resources Management (Forest, Water, Land, Energy and Mineral Resources) - Human-Environment Interaction and Environmental Ethics	15
Unit-2	Environmental Issues, Climate Change and Disaster Risk: - Environmental Pollution (Air, Water, Soil, Noise, Radiation and Solid Waste) - Climate Change, Global Warming and Environmental Hazards	15



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	- Environmental Vulnerability, Hazard, Risk and Resilience Assessment - Sustainable Development Goals (SDGs) and Environmental Sustainability	
Unit-3	Environmental Management and Disaster Risk Reduction: - Environmental Impact Assessment (EIA), Environmental Auditing and Monitoring - Disaster Risk Reduction (DRR): Concepts, Approaches and Frameworks - Community-Based Disaster Risk Management (CBDRM) - National and International Environmental and Disaster Governance (Sendai Framework, NDMA, UNDRR)	15
Unit-4	Climate Change Adaptation, Rehabilitation and Ecological Recovery: - Climate Change Adaptation: Concepts, Strategies and Practices - Post-Disaster Environmental Rehabilitation and Ecological Restoration - Resettlement, Livelihood Recovery and Community Rehabilitation - Building Back Better (BBB), Resilience and Sustainable Recovery	15
	Total Contact Hours	60

Suggested Evaluation Methods

Internal Assessment: 30 Marks		End Term Examination: 70 Marks	
Theory	30	Theory	70
Class Presentation	05	Written Examination	
Seminar/Assignment Presentation/Quiz/ Class Test etc.	10		
Mid -Term Exam (Minor Test)	15		

Learning Resources:

1. Berkes, F., Colding, J., & Folke, C. (Eds.). (2003). Navigating social-ecological systems: Building resilience for complexity and change. Cambridge University Press.
2. Carson, R. (2002). Silent spring (40th anniversary ed.). Houghton Mifflin. (Original work published 1962)
3. Cutter, S. L. (2018). Environmental hazards: Assessing risk and reducing disaster (2nd ed.). Routledge.
4. Folke, C. (2016). Resilience and sustainable development: Building adaptive capacity in a world of transformations. Routledge.
5. Gupta, H. K. (2013). Disaster management. Universities Press.
6. Kelman, I. (2020). Disaster by choice: How our actions turn natural hazards into catastrophes (2nd ed.). Oxford University Press.
7. Odum, E. P., & Barrett, G. W. (2005). Fundamentals of ecology (5th ed.). Thomson Brooks/Cole.
8. Rajagopalan, R. (2021). Environmental studies: From crisis to cure (4th ed.). Oxford University Press India.
9. Shaw, R. (Ed.). (2012). Community-based disaster risk reduction. Emerald Group Publishing.
10. Shaw, R., Pulhin, J. M., & Pereira, J. J. (Eds.). (2010). Climate change adaptation and



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- disaster risk reduction: An Asian perspective. Emerald Group Publishing.
11. Smith, K. (2013). Environmental hazards: Assessing risk and reducing disaster (6th ed.). Routledge.
 12. United Nations Environment Programme (UNEP). (2021). Making peace with nature: A scientific blueprint to tackle the climate, biodiversity and pollution emergencies. UNEP.
 13. Wisner, B., Gaillard, J. C., & Kelman, I. (Eds.). (2012). The Routledge handbook of hazards and disaster risk reduction. Routledge.
 14. Wisner, B., Blaikie, P., Cannon, T., & Davis, I. (2014). At risk: Natural hazards, people's vulnerability and disasters (2nd ed.). Routledge.
 15. World Bank. (2020). Lifelines: The resilient infrastructure opportunity. World Bank Publications.
 16. IPCC. (2023). Climate change 2023: Synthesis report. Intergovernmental Panel on Climate Change.
 17. Singh, R. B. (Ed.). (2021). Climate change, disaster risk and sustainable development. Springer.
 18. UNEP & UNDRR. (2022). Global assessment report on disaster risk reduction. United Nations Office for Disaster Risk Reduction.



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Syllabus of Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation

Name of Programme	Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation		
Semester	First		
Name of the Course	Disaster Management Law and Policies		
Course Code	P26-DDM-103		
Course Type	CC-3		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Understand the legal foundations of disaster management. CLO 2: Analyse the role of law in disaster risk governance CLO 3: Evaluate international legal instruments and institutions. CLO 4: Examine the relationship between climate governance and disaster management. CLO 5: Understand India's disaster management legal architecture. CLO 6: Critically assess policy implementation challenges Analyse emerging legal challenges in disaster governance.		
Mode of Examination	Theory	Practical	Total
Credit	4	0	4
Teaching Hours per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Maximum Marks	100	0	100
Examination Time	03 hours		

Question Paper Structure

The question paper shall consist of 09 questions. Out of which, first question shall be of short answer type and will be compulsory. Question no. 01 shall contain 07 parts representing all units of the syllabus. There shall be 02 questions from each unit having internal choice. The students are required to attempt any one question from each unit. The weightage for each question shall be 14 marks.

Unit	Topic	Hours
Unit-1	Foundations of Disaster Law and Governance: - Concept, Nature and Scope of Disaster Management Law - Evolution of Disaster Governance: From Relief to Risk Reduction - Legal Dimensions of Hazards, Vulnerability, Risk and Resilience - Human Rights, Humanitarian Principles and Disaster Law - Global Disaster Risk Governance: Hyogo Framework and Sendai Framework (2015–2030)	15
Unit-2	International Disaster Law and Policy Frameworks: - International Disaster Response Law (IDRL) - United Nations System and Disaster Governance (UNDRR, OCHA, UNDP, WHO) - Sendai Framework for Disaster Risk Reduction 2015–2030 - Climate Change Law, Paris Agreement and Disaster Risk Reduction - Sustainable Development Goals (SDGs) and Disaster Resilience	15
Unit-3	Disaster Management Laws and Policies in India: - Constitutional Framework and Disaster Governance in India - Disaster Management Act, 2005 - National Policy on Disaster Management, 2009 - Institutional Framework: NDMA, NIDM, NDRF, SDMA and	15



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	DDMA - Legal Frameworks for Chemical, Industrial, Biological and Nuclear Disasters		
Unit-4	Contemporary Issues in Disaster Law and Policy: - Disaster Risk Reduction (DRR) and Resilience Building - Climate Change Adaptation and Environmental Justice - Gender, Children, Elderly and Disability Perspectives in Disaster Law - Post-Disaster Recovery, Rehabilitation and “Build Back Better (BBB)” - Case Studies: COVID-19 Pandemic, Kerala Floods, Odisha Cyclones, Uttarakhand Disaster and International Best Practices	15	
	Total Contact Hours	60	
Suggested Evaluation Methods			
Internal Assessment: 30 Marks		End Term Examination: 70 Marks	
Theory	30	Theory	70
Class Presentation	05	Written Examination	
Seminar/Assignment Presentation/Quiz/ Class Test etc.	10		
Mid -Term Exam (Minor Test)	15		
Learning Resources:			
1. Alexander, D. (2013). <i>Resilience and disaster risk reduction: An etymological journey</i> . Natural Hazards and Earth System Sciences. European Geosciences Union.			
2. Coppola, D. P. (2020). <i>Introduction to international disaster management</i> (4th ed.). Butterworth-Heinemann.			
3. Farber, D. A., & Chen, J. (Eds.). (2017). <i>Disaster law and policy</i> . Aspen Publishers.			
4. Goel, S. L. (2009). <i>Disaster administration and management: Text and case studies</i> . Deep & Deep Publications.			
5. Haddow, G. D., Bullock, J. A., & Coppola, D. P. (2020). <i>Introduction to emergency management</i> (7th ed.). Butterworth-Heinemann.			
6. Kapur, A. (2010). <i>Vulnerable India: A geographical study of disasters</i> . Sage Publications.			
7. Narasimhan, T. N. (2016). <i>Disaster management in India: Challenges and strategies</i> . Oxford University Press.			
8. NIDM. (2019). <i>Disaster management in India: Handbook for administrators</i> . National Institute of Disaster Management, New Delhi.			
9. Pelling, M. (2003). <i>The vulnerability of cities: Natural disasters and social resilience</i> . Earthscan Publications.			
10. Shaw, R., Pulhin, J. M., & Pereira, J. J. (Eds.). (2010). <i>Climate change adaptation and disaster risk reduction</i> . Emerald Group Publishing.			
11. United Nations. (2015). <i>Sendai framework for disaster risk reduction 2015–2030</i> . United Nations Office for Disaster Risk Reduction (UNDRR), Geneva.			
12. United Nations Development Programme. (2017). <i>A handbook on disaster risk reduction and recovery</i> . UNDP Publications.			
13. United Nations Office for Disaster Risk Reduction. (2022). <i>Global assessment report on disaster risk reduction</i> . UNDRR.			
14. Wisner, B., Blaikie, P., Cannon, T., & Davis, I. (2014). <i>At risk: Natural hazards, people’s vulnerability and disasters</i> (2nd ed.). Routledge.			
15. IFRC. (2020). <i>Introduction to the guidelines for the domestic facilitation and regulation of international disaster relief and initial recovery assistance</i> . International Federation of Red Cross and Red Crescent Societies.			



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16. Kelman, I. (2020). *Disaster by choice: How our actions turn natural hazards into catastrophes*. Oxford University Press.
17. Government of India. (2005). *The Disaster Management Act, 2005*. Ministry of Home Affairs, Government of India, New Delhi.
18. Government of India. (2009). *National Policy on Disaster Management*. National Disaster Management Authority (NDMA), New Delhi.
19. National Disaster Management Authority. (2019). *National disaster management plan* (Revised Edition). NDMA, New Delhi.
20. Ministry of Environment, Forest and Climate Change. (2022). *India's climate change adaptation and resilience framework*. Government of India.



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Name of Programme	Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation		
Semester	First		
Name of the Course	Disaster Preparedness and Mitigation		
Course Code	M 26-DDM-104		
Course Type	CC-4		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Explain the concepts and principles of disaster preparedness, prevention, and mitigation. CLO 2: Describe the roles and responsibilities of government, community, and other stakeholders in disaster preparedness. CLO 3: Apply information and communication technologies (ICT), GIS, GPS, and remote sensing for disaster preparedness and mitigation. CLO 4: Evaluate disaster preparedness plans and technology-based strategies for effective disaster risk reduction.		
Mode of Examination	Theory	Practical	Total
Credit	4	0	4
Teaching Hours per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Maximum Marks	100	0	100
Examination Time	03 hours		

Question Paper Structure

The question paper shall consist of 09 questions. Out of which, first question shall be of short answer type and will be compulsory. Question no. 01 shall contain 07 parts representing all units of the syllabus. There shall be 02 questions from each unit having internal choice. The students are required to attempt any one question from each unit. The weightage for each question shall be 14 marks.

Unit	Topic	Hours
Unit-1	Introduction to Disaster Preparedness – Disaster Management: Prevention, Preparedness and Mitigation – Disaster Preparedness: Concept & Nature – Disaster Preparedness Plan – Disaster Preparedness for People and Infrastructure – Community based Disaster Preparedness Plan	15
Unit-2	Roles & Responsibilities of Different Agencies and Govt. – Role of Information, Education, Communication & Training – Role and Responsibilities of Central, State, District and local administration. – Role and Responsibilities of Armed Forces, Police, Para Military Forces. – Role and Responsibilities of International Agencies, NGO's, Community Based Org. (CBO's)	15
Unit-3	Technologies for Disaster Management	15



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	– Role of IT in Disaster Preparedness – Remote Sensing, GIS and GPS – Use and Application of Emerging Technologies – Application of Modern Technologies for the Emergency communication. – Application and use of ICST for different disasters.	
Unit-4	Technologies for Disaster Management – Role of IT in Disaster Preparedness – Remote Sensing, GIS and GPS – Use and Application of Emerging Technologies – Application of Modern Technologies for the Emergency communication. – Application and use of ICST for different disasters.	15
	Total Contact Hours	60

Suggested Evaluation Methods

Internal Assessment: 30 Marks		End Term Examination: 70 Marks	
Theory	30	Theory	70
Class Presentation	05	Written Examination	
Seminar/Assignment Presentation/Quiz/ Class Test etc.	10		
Mid -Term Exam (Minor Test)	15		

Learning Resources:

1. Smith, K., & Petley, D. N. (2019). Environmental hazards: Assessing risk and reducing disaster (7th ed.). Routledge.
2. Coppola, D. P. (2020). Introduction to international disaster management (4th ed.). Butterworth-Heinemann.
3. National Disaster Management Authority. (2019). National disaster management plan. Government of India.
4. United Nations Office for Disaster Risk Reduction. (2015). Sendai framework for disaster risk reduction 2015–2030. United Nations.



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Syllabus of Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation

Name of Programme	Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation		
Semester	First		
Name of the Course	Vulnerability and Risk Management		
Course Code	M26-DDM-105		
Course Type	CC-5		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Explain the concepts and dimensions of vulnerability, risk, and resilience in disaster management. CLO 2: Apply vulnerability assessment and risk analysis techniques to disaster scenarios. CLO 3: Analyze disaster risk reduction and risk management strategies for sustainable development. CLO 4: Evaluate resilience-building approaches and contemporary challenges in disaster risk management.		
Mode of Examination	Theory	Practical	Total
Credit	4	0	4
Teaching Hours per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Maximum Marks	100	0	100
Examination Time	03 hours		

Question Paper Structure

The question paper shall consist of 09 questions. Out of which, first question shall be of short answer type and will be compulsory. Question no. 01 shall contain 07 parts representing all units of the syllabus. There shall be 02 questions from each unit having internal choice. The students are required to attempt any one question from each unit. The weightage for each question shall be 14 marks.

Unit	Topic	Hours
Unit-1	Concepts and Dimensions of Vulnerability and Risk: - Concepts of Hazard, Exposure, Vulnerability, Capacity and Risk - Types of Vulnerability: Physical, Social, Economic, Environmental and Institutional - Disaster Risk Paradigms and Theoretical Perspectives - Risk Perception, Risk Communication and Community Awareness - Vulnerability, Resilience and Sustainable Development	15
Unit-2	- Vulnerability Assessment and Risk Analysis: - Vulnerability Assessment: Concepts, Principles and Approaches - Hazard Identification and Risk Mapping - Social Vulnerability Assessment and Community-Based Risk Assessment - Quantitative and Qualitative Risk Analysis Techniques	15
Unit-3	Disaster Risk Management Strategies: - Disaster Risk Reduction (DRR): Concepts and Frameworks - Prevention, Mitigation and Preparedness Measures - Risk Transfer Mechanisms: Insurance, Microinsurance and Financial Protection - Early Warning Systems and Risk Communication Strategies	15



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	- Mainstreaming Disaster Risk Management into Development Planning	
Unit-4	Resilience Building and Contemporary Risk Challenges: - Community Resilience and Capacity Building - Climate Change, Adaptation and Emerging Disaster Risks - Urban Risk Management and Critical Infrastructure Protection - Gender, Disability, Children and Vulnerable Groups in Risk Management - Case Studies: Indian and International Experiences in Vulnerability Reduction and Risk Management	15
	Total Contact Hours	60

Suggested Evaluation Methods

Internal Assessment: 30 Marks		End Term Examination: 70 Marks	
Theory	30	Theory	70
Class Presentation	05	Written Examination	
Seminar/Assignment Presentation/Quiz/Class Test etc.	10		
Mid -Term Exam (Minor Test)	15		

Learning Resources:

1. Alexander, D. (2018). *Natural disasters* (2nd ed.). Routledge.
2. Cardona, O. D. (2004). *The need for rethinking the concepts of vulnerability and risk from a holistic perspective*. Earthquake Engineering Research Institute.
3. Coppola, D. P. (2020). *Introduction to international disaster management* (4th ed.). Butterworth-Heinemann.
4. Cutter, S. L. (2016). *Hazards, vulnerability and environmental justice*. Routledge.
5. Kelman, I. (2020). *Disaster by choice: How our actions turn natural hazards into catastrophes*. Oxford University Press.
6. Pelling, M. (2003). *The vulnerability of cities: Natural disasters and social resilience*. Earthscan Publications.
7. Shaw, R., Takeuchi, Y., Uy, N., & Sharma, A. (Eds.). (2011). *Climate and disaster resilience in cities*. Emerald Group Publishing.
8. Smith, K. (2013). *Environmental hazards: Assessing risk and reducing disaster* (6th ed.). Routledge.
9. UNDRR. (2022). *Global assessment report on disaster risk reduction 2022*. United Nations Office for Disaster Risk Reduction.
10. Wisner, B., Blaikie, P., Cannon, T., & Davis, I. (2014). *At risk: Natural hazards, people's vulnerability and disasters* (2nd ed.). Routledge.
11. Aven, T. (2015). *Risk analysis* (2nd ed.). Wiley.
12. Birkmann, J. (Ed.). (2013). *Measuring vulnerability to natural hazards: Towards disaster resilient societies* (2nd ed.). United Nations University Press.
13. Renn, O. (2008). *Risk governance: Coping with uncertainty in a complex world*. Earthscan.
14. Tierney, K. (2014). *The social roots of risk: Producing disasters, promoting resilience*. Stanford University Press.
15. UNISDR. (2015). *Sendai framework for disaster risk reduction 2015–2030*. United Nations.
16. Goel, S. L. (2018). *Disaster administration and management: Text and case studies*. Deep & Deep Publications.
17. Gupta, A. K., & Nair, S. S. (Eds.). (2012). *Environmental knowledge for disaster risk management*. NIDM Publications, New Delhi.
18. National Disaster Management Authority. (2019). *National disaster management plan*. Government of India, New Delhi.



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19. National Institute of Disaster Management. (2020). *Vulnerability and risk assessment manual*. NIDM Publications, New Delhi.
20. Rao, K. N. (2019). *Disaster management and vulnerability studies in India*. Atlantic Publishers & Distributors.
21. Sharma, V. K. (2017). *Disaster management and risk reduction strategies in India*. Indian Institute of Public Administration, New Delhi.



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Syllabus of Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation

Name of Programme	Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation		
Semester	Second		
Name of the Course	Community-Based Disaster Risk Management		
Course Code	M 26-DDM-201		
Course Type	CC-6		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Explain the principles, concepts, and frameworks of Community-Based Disaster Risk Management (CBDRM). CLO 2: Apply participatory tools and community risk assessment techniques to identify hazards, vulnerabilities, and capacities. CLO 3: Develop community-based disaster risk reduction, preparedness, and climate adaptation strategies. CLO 4: Evaluate community resilience, recovery, and rehabilitation approaches through national and international case studies.		
Mode of Examination	Theory	Practical	Total
Credit	4	0	4
Teaching Hours per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Maximum Marks	100	0	100
Examination Time	03 hours		

Question Paper Structure

The question paper shall consist of 09 questions. Out of which, first question shall be of short answer type and will be compulsory. Question no. 01 shall contain 07 parts representing all units of the syllabus. There shall be 02 questions from each unit having internal choice. The students are required to attempt any one question from each unit. The weightage for each question shall be 14 marks.

Unit	Topic	Hours
Unit-1	Foundations of Community-Based Disaster Risk Management (CBDRM): - Concept, Principles and Evolution of CBDRM - Community, Vulnerability, Capacity and Resilience - Participatory Approaches in Disaster Risk Reduction - Community Empowerment and Local Governance - CBDRM in the Context of Sendai Framework and Sustainable Development Goals (SDGs)	15
Unit-2	Community Risk Assessment and Participatory Tools: - Community Hazard, Vulnerability and Capacity Assessment (HVCA) - Participatory Rural Appraisal (PRA) and Participatory Learning Methods - Community Risk Mapping and Resource Mapping - Indigenous Knowledge and Traditional Coping Mechanisms - Gender and Social Inclusion in Community Risk Assessment	15
Unit-3	Community-Based Disaster Risk Reduction and Preparedness: - Community Disaster Risk Reduction Planning - Preparedness Measures and Community Emergency Response Systems - Early Warning Systems and Community-Based Communication Networks - Community-Based Climate Change Adaptation Strategies	15



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	- Livelihood Protection and Risk-Sensitive Development Planning	
Unit-4	Community Resilience, Recovery and Good Practices: - Community Resilience Building and Capacity Development - Post-Disaster Recovery, Rehabilitation and Build Back Better (BBB) - Role of NGOs, Civil Society Organizations and Community-Based Organizations - Urban and Rural CBDRM Approaches - National and International Case Studies in Community-Based Disaster Risk Management	15
	Total Contact Hours	60
Suggested Evaluation Methods		
Internal Assessment: 30 Marks		End Term Examination: 70 Marks
Theory	30	Theory
Class Presentation	05	Written Examination
Seminar/Assignment Presentation/Quiz/ Class Test etc.	10	
Mid -Term Exam (Minor Test)	15	
Learning Resources:		
- Goel, S. L. (2018). <i>Disaster administration and management: Text and case studies</i>. Deep & Deep Publications. - Gupta, A. K., & Nair, S. S. (Eds.). (2012). <i>Environmental knowledge for disaster risk management</i>. National Institute of Disaster Management (NIDM), New Delhi. - National Disaster Management Authority. (2019). <i>National disaster management plan</i>. Government of India, New Delhi. - National Institute of Disaster Management. (2020). <i>Community-based disaster risk management: Training manual</i>. NIDM Publications, New Delhi. - Sharma, V. K. (2017). <i>Community participation in disaster risk reduction and resilience building</i>. Indian Institute of Public Administration, New Delhi. - Singh, R. B. (Ed.). (2015). <i>Disaster risk reduction: Methods, approaches and practices</i>. Springer India. - Mercer, J. (2010). <i>Disaster risk reduction or climate change adaptation: Are we reinventing the wheel?</i> Journal of International Development, 22(2), 247–264. - Paton, D., & Johnston, D. (2017). <i>Disaster resilience: An integrated approach</i> (2nd ed.). Charles C Thomas Publisher. - Shaw, R., Takeuchi, Y., Uy, N., & Sharma, A. (Eds.). (2011). <i>Climate and disaster resilience in cities</i>. Emerald Group Publishing. - UNDRR. (2022). <i>Global assessment report on disaster risk reduction 2022</i>. United Nations Office for Disaster Risk Reduction. - UNISDR. (2015). <i>Sendai framework for disaster risk reduction 2015–2030</i>. United Nations. - Allen, K. M. (2006). <i>Community-based disaster preparedness and climate adaptation: Local capacity-building in the Philippines</i>. Disasters, 30(1), 81–101. Wiley-Blackwell. - Abarquez, I., & Murshed, Z. (2004). <i>Community-based disaster risk management: Field practitioners' handbook</i>. Asian Disaster Preparedness Center (ADPC), Bangkok. - Coppola, D. P. (2020). <i>Introduction to international disaster management</i> (4th ed.). Butterworth-Heinemann. - Gaillard, J. C., & Mercer, J. (2013). <i>From knowledge to action: Bridging gaps in disaster risk reduction</i>. Progress in Human Geography, 37(1), 93–114. - IFRC. (2014). <i>Public awareness and public education for disaster risk reduction: Key messages</i>. International Federation of Red Cross and Red Crescent Societies, Geneva. - Kelman, I. (2020). <i>Disaster by choice: How our actions turn natural hazards into catastrophes</i>. Oxford University Press.		



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18. Maskrey, A. (2011). *Revisiting community-based disaster risk management*. Environmental Hazards, 10(1), 42–52.
19. Shaw, R. (Ed.). (2012). *Community-based disaster risk reduction*. Emerald Group Publishing.
20. Twigg, J. (2015). *Disaster risk reduction* (2nd ed.). Overseas Development Institute (ODI), London.
21. Wisner, B., Blaikie, P., Cannon, T., & Davis, I. (2014). *At risk: Natural hazards, people's vulnerability and disasters* (2nd ed.). Routledge.



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Syllabus of Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation

Name of Programme	Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation		
Semester	Second		
Name of the Course	Research Methodology		
Course Code	M 26-DDM-202		
Course Type	CC-7		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Explain the fundamentals, processes, and research designs used in disaster management research. CLO 2: Apply qualitative and quantitative research methods and appropriate data collection techniques in disaster studies. CLO 3: Analyze disaster-related data using basic statistical techniques and digital research tools. CLO 4: Prepare ethical research proposals and reports for disaster management, rehabilitation, and adaptation studies.		
Mode of Examination	Theory	Practical	Total
Credit	4	0	4
Teaching Hours per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Maximum Marks	100	0	100
Examination Time	03 hours		

Question Paper Structure

The question paper shall consist of 09 questions. Out of which, first question shall be of short answer type and will be compulsory. Question no. 01 shall contain 07 parts representing all units of the syllabus. There shall be 02 questions from each unit having internal choice. The students are required to attempt any one question from each unit. The weightage for each question shall be 14 marks.

Unit	Topic	Hours
Unit-1	Foundations of Research in Disaster Management: - Meaning, Nature and Scope of Research in Disaster Management - Types of Research: Basic, Applied, Action, Policy and Evaluation Research - Research Process and Research Design - Identification of Research Problems and Formulation of Research Questions - Review of Literature and Development of Conceptual Frameworks	15
Unit-2	Research Methods and Data Collection Techniques: - Qualitative Research Methods: Case Studies, Focus Group Discussions, Participatory Rural Appraisal (PRA) - Quantitative Research Methods: Surveys, Experiments and Statistical Studies - Sampling Techniques and Sample Design - Tools of Data Collection: Questionnaire, Interview Schedule, Observation and Digital Data Collection	15
Unit-3	Data Analysis and Emerging Research Tools:	15



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	- Data Processing, Coding and Classification - Descriptive and Inferential Statistics in Disaster Research - Use of Statistical Software (SPSS, R, Excel) for Disaster Data Analysis - Big Data, Social Media Analytics and Emerging Technologies in Disaster Research	
Unit-4	Research Ethics, Report Writing and Applications in Disaster Management: - Research Ethics, Informed Consent and Data Protection - Writing Research Proposals and Project Planning - Research Report Writing, Referencing and APA Style - Monitoring, Evaluation and Impact Assessment Studies - Disaster Case Study Research: Floods, Cyclones, Earthquakes, Pandemics and Climate-Induced Disasters	15
	Total Contact Hours	60

Suggested Evaluation Methods

Internal Assessment: 30 Marks		End Term Examination: 70 Marks	
Theory	30	Theory	70
Class Presentation	05	Written Examination	
Seminar/Assignment Presentation/Quiz/Class Test etc.	10		
Mid -Term Exam (Minor Test)	15		

Learning Resources:

1. Creswell, J. W., & Creswell, J. D. (2023). *Research design: Qualitative, quantitative, and mixed methods approach* (6th ed.). Sage Publications.
2. Creswell, J. W. (2018). *Qualitative inquiry and research design: Choosing among five approaches* (4th ed.). Sage Publications.
3. Yin, R. K. (2018). *Case study research and applications: Design and methods* (6th ed.). Sage Publications.
4. Bryman, A. (2016). *Social research methods* (5th ed.). Oxford University Press.
5. Babbie, E. (2020). *The practice of social research* (15th ed.). Cengage Learning.
6. Patton, M. Q. (2015). *Qualitative research & evaluation methods* (4th ed.). Sage Publications.
7. Neuman, W. L. (2019). *Social research methods: Qualitative and quantitative approaches* (8th ed.). Pearson Education.
8. Flick, U. (2020). *Introducing research methodology: Thinking your way through your research project* (3rd ed.). Sage Publications.
9. Kumar, R. (2023). *Research methodology: A step-by-step guide for beginners* (6th ed.). Sage Publications.
10. Silverman, D. (2021). *Doing qualitative research* (6th ed.). Sage Publications.
11. Coppola, D. P. (2020). *Introduction to international disaster management* (4th ed.). Butterworth-Heinemann.
12. Wisner, B., Gaillard, J. C., & Kelman, I. (Eds.). (2012). *The Routledge handbook of hazards and disaster risk reduction*. Routledge.
13. Alexander, D. (2018). *Natural disasters* (2nd ed.). Routledge.
14. Shaw, R., Mallick, F., & Islam, A. (Eds.). (2013). *Disaster risk reduction approaches in Bangladesh*. Springer.
15. Kelman, I. (2020). *Disaster by choice: How our actions turn natural hazards into catastrophes*. Oxford University Press.



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16. Kothari, C. R., & Garg, G. (2019). *Research methodology: Methods and techniques* (4th ed.). New Age International Publishers.
17. Singh, Y. K. (2019). *Fundamentals of research methodology and statistics*. New Age International Publishers.
18. Goel, S. L. (2018). *Disaster administration and management: Text and case studies*. Deep & Deep Publications.
19. National Institute of Disaster Management. (2020). *Research methods in disaster risk reduction and resilience studies*. NIDM Publications, New Delhi.
20. National Disaster Management Authority. (2019). *National disaster management plan*. Government of India, New Delhi.
21. Sharma, R. K. (2021). *Research methods in social sciences*. Atlantic Publishers & Distributors.



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Syllabus of Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation

Name of Programme	Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation		
Semester	Second		
Name of the Course	Disaster Rehabilitation, Reconstruction & Recovery		
Course Code	P26-DDM-203		
Course Type	CC-8		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Explain the principles and processes of disaster rehabilitation, reconstruction, and recovery. CLO 2: Assess post-disaster damage, infrastructure needs, and livelihood restoration strategies. CLO 3: Apply community-based approaches for psychosocial support and participatory rehabilitation. CLO 4: Evaluate recovery programmes, monitoring mechanisms, and long-term disaster recovery planning.		
Mode of Examination	Theory	Practical	Total
Credit	4	0	4
Teaching Hours per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Maximum Marks	100	0	100
Examination Time	03 hours		

Question Paper Structure

The question paper shall consist of 09 questions. Out of which, first question shall be of short answer type and will be compulsory. Question no. 01 shall contain 07 parts representing all units of the syllabus. There shall be 02 questions from each unit having internal choice. The students are required to attempt any one question from each unit. The weightage for each question shall be 14 marks.

Unit	Topic	Hours
Unit-1	Foundations of Disaster Rehabilitation and Reconstruction – Reconstruction and Rehabilitation as Means of Development – Damage Assessment – Role of various Agencies in Disaster Management and Development – Information Management Structure – Development of Physical and Economic Infrastructure	15
Unit-2	Infrastructure Reconstruction and Livelihood Recovery – Creation of Long-term Job Opportunities and Livelihood Options – Funding Arrangements for Reconstruction – Nature of Damage to Houses and Infrastructure due to Disasters – Disaster Resistant House Construction – Role of Housing/ Building Authorities	15
Unit-3	Community Rehabilitation and Psychosocial Recovery – Education and Awareness – The Philosophy of Coping with Disasters – Dealing with Victims' Psychology – Role of Information Dissemination	15



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	– Participative Rehabilitation Process: Some Case Studies	
Unit-4	Recovery Planning, Monitoring and Evaluation – Role of Various Agencies in Recovery Measures – Monitoring and Evaluation of Rehabilitation Work – Constraints in Monitoring and Evaluation – Long-term Recovery – Long-term Counter Disaster Planning	15
	Total Contact Hours	60

Suggested Evaluation Methods

Internal Assessment: 30 Marks

Theory

30

Class Presentation

05

Seminar/Assignment Presentation/Quiz/
Class Test etc.

10

Mid -Term Exam (Minor Test)

15

End Term Examination: 70 Marks

Theory

70

Written Examination

Learning Resources:

1. Bryant, E. (2005). Natural hazards (2nd ed.). Cambridge University Press.
2. Kaspersen, J. X., Kaspersen, R. E., & Turner, B. L., III (Eds.). (1995). Regions at risk: Comparisons of threatened environments. United Nations University Press.
3. National Institute of Disaster Management. (n.d.). National Institute of Disaster Management. <https://nidm.gov.in/>
4. Singh, S. (2003). Disaster management in the hills. Concept Publishing Company.
5. Cambridge University Press. (n.d.). Cambridge University Press. <https://www.cambridge.org/>



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Syllabus of Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation

Name of Programme	Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation		
Semester	Second		
Name of the Course	Health Emergencies and Disaster Management		
Course Code	M 26-DDM-204		
Course Type	CC-8		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Explain the concepts, frameworks, and governance of health emergencies and disaster management. CLO 2: Apply preparedness, surveillance, and emergency response strategies to manage health emergencies. CLO 3: Assess healthcare systems, humanitarian response, and support mechanisms for vulnerable populations during disasters. CLO 4: Evaluate recovery, resilience, and risk communication strategies for emerging public health emergencies.		
Mode of Examination	Theory	Practical	Total
Credit	4	0	4
Teaching Hours per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Maximum Marks	100	0	100
Examination Time	03 hours		

Question Paper Structure

The question paper shall consist of 09 questions. Out of which, first question shall be of short answer type and will be compulsory. Question no. 01 shall contain 07 parts representing all units of the syllabus. There shall be 02 questions from each unit having internal choice. The students are required to attempt any one question from each unit. The weightage for each question shall be 14 marks.

Unit	Topic	Hours
Unit-1	Foundations of Health Emergencies and Disaster Management: - Concepts, Nature and Scope of Health Emergencies - Types of Health Emergencies: Epidemics, Pandemics, Biological, Chemical etc. - International Health Regulations (IHR-2005) and Global Health Security - Health Emergency Governance: WHO, NDMA, Ministry of Health and Family Welfare (MoHFW), and NIDM	15
Unit-2	Preparedness and Response to Health Emergencies: - Public Health Emergency Preparedness Planning - Disease Surveillance Systems and Early Warning Mechanisms - Outbreak Investigation and Epidemiological Approaches - Emergency Medical Response and Mass Casualty Management - Emergency Operations Centres (EOC) and Incident Response Systems in Health Emergencies	15
Unit-3	Healthcare Systems, Hospitals and Humanitarian Health Response: - Hospital Disaster Preparedness and Hospital Safety Index - Continuity of Essential Health Services During Emergencies	15



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	- Humanitarian Health Response and Sphere Standards - Mental Health and Psychosocial Support During Disasters - Management of Vulnerable Populations: Children, Women, Elderly and Persons with Disabilities	
Unit-4	Recovery, Resilience and Emerging Health Risks: - Post-Disaster Public Health Recovery and Rehabilitation - Climate Change and Health Emergencies - Risk Communication, Community Engagement and Health Education - Case Studies: COVID-19 Pandemic, Ebola Outbreak, Nipah Virus and Heatwave Emergencies etc.	15
	Total Contact Hours:	

Suggested Evaluation Methods

Internal Assessment: 30 Marks		End Term Examination: 70 Marks	
Theory	30	Theory	70
Class Presentation	05	Written Examination	
Seminar/Assignment Presentation/Quiz/ Class Test etc.	10		
Mid -Term Exam (Minor Test)	15		

Learning Resources:

1. Government of India. (2023). *National disaster management plan* (Updated edition). National Disaster Management Authority (NDMA), New Delhi.
2. National Disaster Management Authority. (2019). *Guidelines on management of biological disasters*. NDMA, New Delhi.
3. National Institute of Disaster Management. (2021). *Health emergency and disaster risk management training module*. NIDM Publications, New Delhi.
4. Park, K. (2023). *Park's textbook of preventive and social medicine* (27th ed.). Banarsidas Bhanot Publishers.
5. Sharma, V. K. (2017). *Disaster management and public health preparedness in India*. Indian Institute of Public Administration, New Delhi.
6. Singh, R. B. (Ed.). (2015). *Disaster risk reduction: Methods, approaches and practices*. Springer India.
7. Burkle, F. M. (2019). *Health and disasters*. In Oxford Research Encyclopedia of Global Public Health. Oxford University Press.
8. Gebbie, K. M., & Qureshi, K. (2002). *Emergency and disaster preparedness: Core competencies for health professionals*. American Journal of Public Health, 92(5), 779–781.
9. Koenig, K. L., & Schultz, C. H. (Eds.). (2016). *Disaster medicine: Comprehensive principles and practices* (2nd ed.). Cambridge University Press.
10. Levy, B. S., & Sidel, V. W. (Eds.). (2016). *Social injustice and public health* (3rd ed.). Oxford University Press.
11. Reynolds, B., & Seeger, M. W. (2005). *Crisis and emergency risk communication as an integrative model*. Journal of Health Communication, 10(1), 43–55.
12. Auf der Heide, E. (2006). *The importance of evidence-based disaster planning*. Annals of Emergency Medicine, 47(1), 34–49.
13. Ciotto, G. R. (Ed.). (2016). *Ciotto's disaster medicine* (2nd ed.). Elsevier.
14. Coppola, D. P. (2020). *Introduction to international disaster management* (4th ed.). Butterworth-Heinemann.
15. Haddow, G. D., Bullock, J. A., & Coppola, D. P. (2020). *Introduction to emergency management* (7th ed.). Butterworth-Heinemann.
16. Noji, E. K. (Ed.). (1997). *The public health consequences of disasters*. Oxford University Press.



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17. Perry, R. W., & Lindell, M. K. (2007). *Emergency planning*. Wiley.
18. Sphere Association. (2018). *The Sphere handbook: Humanitarian charter and minimum standards in humanitarian response*. Sphere Association, Geneva.
19. United Nations Office for Disaster Risk Reduction (UNDRR). (2015). *Sendai framework for disaster risk reduction 2015–2030*. United Nations.
20. World Health Organization. (2017). *Strategic framework for emergency preparedness*. WHO Press.
21. World Health Organization. (2021). *Health emergency and disaster risk management framework*. WHO Press.



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Name of Programme	Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation		
Semester	Second		
Name of the Course	Rehabilitation and Adaptation in Disaster Management		
Course Code	M 26-DDM-205		
Course Type	CC-9		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Explain the principles and processes of disaster rehabilitation, recovery, and post-disaster needs assessment. CLO 2: Apply rehabilitation strategies to support livelihood restoration and vulnerable communities after disasters. CLO 3: Analyze climate change adaptation and resilience-building approaches for sustainable disaster management. CLO 4: Evaluate rehabilitation policies, recovery planning, and adaptive governance for disaster resilience.		
Mode of Examination	Theory	Practical	Total
Credit	4	0	4
Teaching Hours per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Maximum Marks	100	0	100
Examination Time	03 hours		

Question Paper Structure

The question paper shall consist of 09 questions. Out of which, first question shall be of short answer type and will be compulsory. Question no. 01 shall contain 07 parts representing all units of the syllabus. There shall be 02 questions from each unit having internal choice. The students are required to attempt any one question from each unit. The weightage for each question shall be 14 marks.

Unit	Topic	Hours
Unit-1	Foundations of Rehabilitation and Recovery: - Concepts, Principles, and Phases of Disaster Rehabilitation and Recovery - Post-Disaster Needs Assessment (PDNA) and Damage Assessment - Disaster Impacts on Livelihoods, Infrastructure, and Social Systems - Community-Based Rehabilitation Approaches - Build Back Better (BBB) Framework and Sustainable Recovery	15
Unit-2	Social and Economic Rehabilitation: - Livelihood Restoration and Economic Recovery Programs - Rehabilitation of Vulnerable Groups: Women, Children, Elderly, Persons with Disabilities, and Marginalized Communities - Housing Reconstruction, Resettlement, and Land Issues - Psychosocial Care, Trauma Counselling, and Mental Health Support - Role of Government, NGOs, Civil Society, and International Agencies in Rehabilitation	15
Unit-3	Climate Change Adaptation and Resilience Building: - Climate Change, Disaster Risk, and Vulnerability Assessment	15



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	- Adaptation Theories, Concepts, and Frameworks - Ecosystem-Based Adaptation and Nature-Based Solutions - Community-Based Adaptation (CBA) and Indigenous Knowledge Systems - Climate-Resilient Infrastructure and Sustainable Development Approaches	
Unit-4	Policies, Planning, and Future Directions in Rehabilitation and Adaptation: - International Frameworks: Sendai Framework, Paris Agreement, Sustainable Development Goals (SDGs) - Disaster Rehabilitation Policies and Legal Frameworks in India - Recovery Planning, Monitoring, and Evaluation - Urban Resilience, Smart Cities, and Climate Adaptation Planning - Emerging Trends: Risk-Informed Development, Digital Technologies, and Adaptive Governance	15
	Total Contact Hours	60

Suggested Evaluation Methods

Internal Assessment: 30 Marks		End Term Examination: 70 Marks	
Theory	30	Theory	70
Class Presentation	05	Written Examination	
Seminar/Assignment Presentation/Quiz/ Class Test etc.	10		
Mid -Term Exam (Minor Test)	15		

Learning Resources:

1. Goel, S. L. (2007). *Disaster administration and management*. New Delhi, India: Deep & Deep Publications.
2. Gupta, H. K. (Ed.). (2010). *Disaster management*. Hyderabad, India: Universities Press.
3. Kapur, A. (2010). *Vulnerable India: A geographical study of disasters*. New Delhi, India: Sage Publications.
4. Pal, I., & Shaw, R. (Eds.). (2018). *Disaster risk reduction methods, approaches and practices*. New Delhi, India: Springer India.
5. Singh, B. (2014). *Disaster management: Future challenges and opportunities*. New Delhi, India: Rajat Publications.
6. Sinha, A., & Srivastava, J. N. (2013). *Disaster management and mitigation*. New Delhi, India: Commonwealth Publishers.
7. National Institute of Disaster Management. (2020). *Disaster recovery and reconstruction guidelines*. New Delhi, India: NIDM.
8. National Disaster Management Authority. (2019). *National disaster management plan*. New Delhi, India: Government of India.
9. Alexander, D. (2013). *Resilience and disaster risk reduction: An etymological journey*. Natural Hazards and Earth System Sciences. Göttingen, Germany: Copernicus Publications.
10. Bankoff, G., Frerks, G., & Hilhorst, D. (Eds.). (2004). *Mapping vulnerability: Disasters, development and people*. London, UK: Earthscan.
11. Cutter, S. L. (2016). *The landscape of disaster resilience indicators in the USA*. New York, NY: Springer.
12. Kelman, I. (2020). *Disaster by choice: How our actions turn natural hazards into catastrophes*. Oxford, UK: Oxford University Press.
13. Kreimer, A., & Arnold, M. (2000). *Managing disaster risk in emerging economies*.



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Washington, DC: World Bank.

14. Norris, F. H., Stevens, S. P., Pfefferbaum, B., Wyche, K. F., & Pfefferbaum, R. L. (2008). *Community resilience as a metaphor, theory, set of capacities, and strategy*. American Journal of Community Psychology.
15. Chakraborty, L., Jha, A. N., Kaur, A., & Yadav, J. (2023). *COP27 and Public Expenditure for India's First National Adaptation Communication*. New Delhi: National Institute of Public Finance and Policy.
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18. Wisner, B., Gaillard, J. C., & Kelman, I. (Eds.). (2012). *The Routledge handbook of hazards and disaster risk reduction*. London, UK: Routledge.
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CHAUDHARY BANSI LAL UNIVERSITY, BHIWANI

(Established under Govt. of Haryana Act 25 of 2014)

Department of Sociology and Social Work

Syllabus of Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation

Name of Programme	Post- Graduate Diploma in Disaster Management, Rehabilitation and Adaptation		
Semester	Second		
Name of the Course	Constitutional, Human and Moral Values		
Course Code	M26-CHM-206		
Course Type	VAC		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Learn the different Constitutional Values, Fundamental rights and duties enshrined in the Indian Constitution. CLO 2: Understand humanism, human virtues and values, and ide of International peace. CLO 3: Grasp the basic concepts of Moral Values and Professional Conduct which are required to become a part of the civil society and for developing professionalism. CLO 4: Understand concepts of Intellectual Property Rights, Copyright, Patent, Trademark etc., and about threats of Plagiarism.		
Credits	Theory	Tutorial	Total
	2		2
Teaching Hours per week	2		2
Internal Assessment Marks	15		15
End Term Exam Marks	35		35
Max. Marks	50		50
Examination Time	3		2
Contents of the Course			
Instructions for Paper- Setter: The examiner will set 5 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 7 parts of one marks each covering entire syllabus. The examinee will be required to attempt 3 questions, selecting one question from each unit and the compulsory question. All descriptive questions will carry 14 marks each.			
Unit	Topics		Contact Hours
I	Constitutional Values: Basic Values enshrined in the Preamble of the Indian Constitution; Concept of Constitutional Morality; Patriotic Values and Ingredients of Nation Building; Fundamental Rights and Duties ; Directive Principles of the State Policy.		15
II	Humanistic Values: Humanism, Human Virtues and Civic Sense; Social Responsibilities of Human Beings; Ethical ways to deal with human aspirations; Harmony with society and nature; Idea of International Peace and Brotherhood (Vasudhaiv Kutumbkam). Moral Values and Professional Conduct: Understanding Morality and Moral Values; Moral Education and Character Building; Ethics of Relations: Personal, Social and Professional; Introduction to Gender Sensitization		15
	Total Contact Hours		30



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Suggested Evaluation Methods			
Internal Assessment: 15		End Term Examination: 35	
Theory	15	Theory:	35
Class Participation:	4	Written Examination	
Seminar/presentation/assignment/quiz/class test etc.:	4		
Mid-Term Exam:	7		
Learning Resources			
Recommended Books/e-resources/LMS:			
1. Bajpai, B. L., Indian Ethos and Modern Management, New Royal Book Co., Lucknow, 2004. 2. Basu, D.D., Introduction to the Constitution of India (Students Edition) Prentice Hall of India Pvt. Ltd., New Delhi, 20th ed., 2008. 3. Dhar, P.L. & R.R. Gaur, Science and Humanism, Commonwealth Publishers, New Delhi, 1990. 4. George, Sussan, How the Other Half Dies, Penguin Press, 1976. 5. Palekar, Subhas, How to practice Natural Farming, Pracheen (Vaidik) KrishiTantraShodh Amravati, 2000. 6. Phaneesh, K.R., Constitution of India and Professional Ethics, New Delhi. 7. Pylee, M.V., An Introduction to Constitution of India, Vikas Publishing, New Delhi, 2002. 8. Sharma, Brij Kishore, Introduction to the Constitution of India, New Delhi, 9. Tripathy, A.N., Human Values, New Age International Publishers, New Delhi, 2003. 10. Value Education Websites, http://uhv.ac.in, http://www.uptu.ac.in Story of Stuff, http://www.storyofstuff.com 11. A. Gandhi, Right Here Right Now, Cyclewala Productions.			

