

Time	Session	Content	Resource Person
09:00 – 10:00	Registration		
10:00 – 10:30	Inaugural Session	Welcome Address, Course Brief & Context Setting, Inaugural Address, Keynote Address	NIDM Faculty / Joint Director, NIDM
10:30 – 10:45	Group Photo & High Tea		
10:45 – 11:30	Ice-breaking and Pre-Training Assessment		Shri Manjeet Singh, Asst. Prof. NIDM
11:30 – 13:00	Session 1: Fundamentals of Disaster Management	DM concepts, hazards in India, and the DM cycle	Prof. Navneet Kumar, NIDM
13:00 – 14:00	Lunch Break		
14:00 – 15:00	Session 2: National & International Policy Framework for DRR	Sendai Framework, DM Act 2005, NDMP	Shri. Rohit Kumar, Asst. Prof. NIDM
15:00-15:30	Session 3: Drought Vulnerability Profile of India	Spatial Distribution, Drought-Prone Areas, Historical Events	Shri Manjeet Singh, Asst. Prof. NIDM
15:30-15:45	Tea / Coffee Break		
15:45-17:00	Session 4: Remote Sensing & GIS Applications in Drought Monitoring and Early Warning Systems	Concept of Remote Sensing & GIS, Data acquisition by remote sensing, Management-centric approach, Institutional Roles (IMD, CWC, Agromet Advisories, MNCFC, Krishi DSS), Lead-Time and EWS and Trigger Mechanisms	Prof. Navneet Kumar, NIDM
Day 2 – Monitoring and Early Warning, Response and Recovery			
09:45-11:15	Session 5: Drought Indices & Technical Standards	SPI, NDVI, NDWI, SPEI, PDSI, VCI drought bulletins, satellite imagery interpretation	Assoc. Prof. Bikash Parida (CUJ), Ranchi
11:15-11:30	Tea / Coffee Break		
11:30-13:00	Session 6: Case study	Remote Sensing of Drought Monitoring and Mitigation Under ENSO Variability: Implications for Agricultural Yield, Carbon Productivity and Food Security	Assoc. Prof. Bikash Parida (CUJ), Ranchi
13:00-14:00	Lunch Break		
14:00-15:15	Session 7: Agricultural and Livelihood Impacts Understanding	Crop Loss Assessment, PMFBY	Shri CP Mohan, Chief General Manager Retd · NABARD

15:15-15:30	Tea / Coffee Break		
15:30-17:00	Session 8: Relief, Response and Recovery Framework in Drought	Institutional Response Mechanisms, Linkages to Recovery	Shri CP Mohan, Chief General Manager Retd · NABARD
Day 3 – Drought Identification and Institutional Mechanisms			
09:45-11:15	Session 09: Drought in the Indian Context	Classification of Drought, Drought dynamics, Monsoon Variability, El Niño	Dr G. Ch. Satyanarayana, Assoc. Prof. NIDM
11:15-11:30	Tea / Coffee Break		
11:30-13:00	Session 10: Practical Exercise	Computing and Interpreting a Drought Index	Dr G. Ch. Satyanarayana, Assoc. Prof. NIDM
13:00-14:00	Lunch Break		
14:00-17:00	Session 11: APSDMA Visit		
Day 4 – Planning and Financing for Drought Resilience			
09:30-10:15	Session 12: Drought Declaration Process	Trigger Indicators, State/District Protocols, Manual for Drought Management Criteria	Shri Manjeet Singh, Asst. Prof. NIDM
10:15 – 11:15	Session 13: Structural and Non-Structural Mitigation Measures and Post-Disaster Needs Assessment (PDNA)	Mitigation Measures for Drought Management, Methodology and Application to Slow-Onset Disasters like Drought	Shri Manjeet Singh, Asst. Prof. NIDM
11:15-11:30	Tea / Coffee Break		
11:30-13:00	Session 14: Funding Mechanisms for Drought Management and Sixteenth Finance Commission	NDRF/SDRF, National Disaster Mitigation Fund, Convergence with PMKSY/VB-GRAM & Disaster Risk Financing Recommendations and Allocations for Mitigation	Shri. Rohit Kumar, Asst. Prof. NIDM
13:00-14:00	Lunch Break		
14:00-15:30	Session 15: Preparing a District Drought Management Plan and Group Presentations	Group Exercise: Drafting a District Drought Action Plan and Presentation	Shri Manjeet Singh, Asst. Prof. NIDM, Shri Amarjeet Kumar / Shri Rohit Kumar, Asst. Prof. NIDM
15:30-15:45	High Tea		
16:00-17:00	Post-Training Assessment, Feedback, Valedictory Session		