

## Final result for the three research initiatives of NIDM

### List of candidates selected for F.Y. 2025-26

<b>Research project/study: Action and innovation research</b>				
S. No.	Name of PI	Institutional affiliation	Topic	Research area
1.	Dr. Aruna	REVA University, Karnataka	Public-Private Partnership (PPP) Framework for Parametric Disaster Insurance in Karnataka: Policy Design and Implementation Pathways	Disaster insurance and risk financing
2.	Dr. Mohit Mohanty	IIT Roorkee, Uttarakhand	FLOOD-TWIN: A Comprehensive Digital Twin Framework Integrating Forecasting and Hydrodynamic Modeling for Urban Flood Management	Flood
3.	Dr. Reena Antony	Barkatullah University, Madhya Pradesh	HEMAN: Hazard Environmental Monitoring & Assessment Network	Hazards-society
4.	Dr. Roopam Shukla	IIT Roorkee, Uttarakhand	Multi-hazards riskscapes and resilience pathways of coastal fishing communities (R-Path)	Cyclones, Coastal hazards and marine ecosystems
5.	Dr. Shilpa Pal	Delhi Technological University, New Delhi	AI-Assisted Multimodal Framework for Earthquake Vulnerability Assessment of Structures	Earthquake

<b>NIDM Doctoral Fellowship programme</b>				
S. No.	Name of scholar	Institutional affiliation	Topic	Research area
1.	Jidnyasa Raut	CSIR-CBRI, Roorkee / AcSIR, Uttarakhand	Evaluation of Shear Deficient RC Beams Exposed to Elevated Temperature Conditions Strengthened with External FRP Systems	Fire
2.	Mala Sinha	Birla Institute of Technology,	Evaluation of Atmospheric water vapour over India and Its	Flood

		Mesra, Jharkhand	Role in Flood-Inducing Extreme Rainfall Events	
3.	Remya Paul	Indian Institute of Information Technology, Kottayam, Kerala	Physics-Informed Deep Learning Framework for Medium-Term Forecasting of Cyclone Intensity and Trajectory	Cyclone
4.	Suchismita Roy	Ramakrishna Mission Vivekananda Educational and Research Institute (RKMVERI), West Bengal	Cyclone Risk Management in India: A Comparative Study of Disaster Risk Governance in Odisha and West Bengal with Special Focus on Building Resilience of Communities to Disasters	Cyclone
5.	Virat Upadhyay	IIT Gandhinagar, Gujarat	Toward Integrated Probabilistic Hazard Assessment: Integrating Multivariate Geological Factors and Surface Topography	Landslide

<b>Best PhD thesis ranking</b>			
<b>(Research area for F.Y. 2025-26: Landslide)</b>			
<b>S. No.</b>	<b>Name of candidate</b>	<b>Institutional affiliation</b>	<b>Thesis Topic</b>
1.	Dr. Tanmoy Das	IIT Bombay, Maharashtra	Analysis of Landslide Triggering Mechanisms Under Rainfall and Earthquake Conditions Considering Parametric Uncertainties
2.	Dr. Prashant Gunupuram	IIT Kharagpur, West Bengal	Development of in-situ large-scale direct shear apparatus and comparison of shear strength parameters of overburden dump material for in-situ and laboratory conditions

**Note:** Further modalities will be communicated to the selected candidates through email communication.