

**“Inspiring the Minds for Disaster Risk Reduction”
Regional Capacity Building Training Program
for Academicians of South Region of India**



India Universities and Institutions Network on Disaster Risk Reduction
17th to 21st May, 2022
National Institute of Disaster Management (NIDM), Govt. of India

COURSE BROCHURE

Organized by:

**Indian Universities and Institutions Network on Disaster Risk Reduction
(IUINDRR-NIDM)**

**National Institute of Disaster Management (NIDM)
Ministry of Home Affairs (MHA), Govt. of India**

in collaboration with

**Centre for Natural Resource Management, Climate Change and Disaster
Management (CNRM CC&DM)**

**National Institute of Rural Development and Panchayati Raj (NIRDPR)
Ministry of Rural Development (MoRD), Govt of India
Rajendranagar, Hyderabad - 500030, T.S, INDIA**

01. Backdrop:

The National Institute of Disaster Management (NIDM) was constituted under an Act of Parliament with a vision to play the role of a premier institute for capacity development in India and the region. The efforts in this direction that began with the formation of the National Centre for Disaster Management (NCDM) in 1995 gained impetus with its redesignation as the National Institute of Disaster Management (NIDM) for training and capacity development. Under the Disaster Management Act 2005, NIDM has been assigned nodal responsibilities for human resource development, capacity building, training, research, documentation and policy advocacy in the field of disaster management.

The Indian Universities and Institutions Network on Disaster Risk Reduction (IUINDRR-NIDM) has been established by NIDM pursuant to Government of India directions and more specifically in conformity to the agenda-6 of the 10 point agenda for Disaster Risk Reduction (DRR) by the Honorable Prime Minister of India, Global issues on Climate Change Adaptation (CCA), Sendai Framework for Disaster Risk Reduction (2015-2030), and Sustainable Development Goals (SDG), for promoting education, innovative technology and research, facilitate capacity development, and contribute to decision-making for addressing local risks and the needs of the most vulnerable sections of community affected by various disasters.

IUINDRR-NIDM envisions in building nation and communities safe and resilient to disasters, through education, knowledge creation, research, technology and dissemination. The network also aims to exchange information among the universities and develop a pool of experts in the areas of disaster management.

The National Institute of Rural Development and Panchayati Raj (NIRD&PR), an autonomous institute under the Ministry of Rural Development, Government of India is a premier national centre of excellence in rural development and Panchayati Raj. Recognized internationally as one of the UN-ESCAP Centre of Excellence, it builds capacities of rural development functionaries, elected representatives of PRIs, bankers, NGOs and other stakeholders through inter-related activities of training, research and consultancy.

Centre for Natural Resource Management, Climate Change and Disaster Mitigation (CNRM, CC & DM) under the umbrella of NIRDPR, Hyderabad has been actively engaged in the area of Climate Change Adaptation, Natural Resource Management and Community Based Disaster Management through organizing training programmes, conferences, seminars, workshops, research studies, consultancy and documentation functions in tune with the mandate of the institute.

02. Need of the programme:

In order to act upon the direction led by the Hon'ble Prime Minister of India, NIDM took step forward under the India Universities and Institution Network (IUINDRR-NIDM) and formulated model curriculums on Disaster Risk Reduction and Management. For the first time, experts came up at one platform from across the country and in consultation of academia, model curriculums at UG & PG level has been developed. The objective of these curriculums to train students on the issues related to disaster management. The proposed model curriculums of Foundation Course on Disaster Risk Reduction which has included elements of disaster related issues to build the knowledge, skills and capacity of the young generation to achieve National objective of 10 point agenda 6 of Hon'ble Prime Minister of India. **UGC also has sent notification to every university and college vide D.O No. 2-9/2022 (CPP-II), dated 24th February, 2022 to implement DRR courses in their curriculums.** Hence, to build the capacity of academicians of South region on "Foundation Course Curriculum" which will be integrate in every stream of Higher Education, IUINDRR-NIDM proposing "Regional Capacity Development Programme on Disaster Risk Reduction". A series of such trainings will help develop a culture of more sensitive, accurate and holistic disaster preparedness. In the long run, this will help develop more resilient communities as the next generation will becomes better trained.

It is in the above context, in order to develop the capacity of academicians on Disaster Risk Reduction at regional platform, IUINDRR-NIDM, National Institute of Disaster Management, MHA, GOI is proposing 5 days offline Regional Capacity Development training programme in collaboration with National Institute of Rural Development and Panchayati Raj, Ministry of Rural Development, GOI at Hyderabad on "**Disaster Risk Reduction**" during 17-21 May, 2022. As a pilot, South region of India will be covered for present programme and later similar such programmes will be organized in other regions of India.

03. Objectives of the Programme:

- To impart knowledge and concepts of disaster, disaster management and disaster risk reduction.
- To enhance the academicians's understanding on Hazard Vulnerability and Risk Analysis
- To develop positive attitude towards practical response to different stages of disaster management by adopting advance technology and sustainable development.
- To ensure disaster response skills in assessment, analysis, intervention and evaluation in the Practice of reducing disaster risk.
- To equip the academicians on how to integrate Disaster Management curriculum to reduce the potential disaster risks and better prepared institutions.

04. Training Methodology:

- Lecture-cum-Discussions
- Presentation of case Study
- Group Discussion
- Field Study
- Audio-Visual Show

05. Topics to be covered:

- Conceptual Framework of Disaster Management
- Disaster Profile of India
- Disaster Preparedness Planning, Resilience and long term mitigation
- Application of Geo-Informatics in Disaster Management
- Foundation Course curriculum on DRR
- Regional Issues of Disaster Risk Reduction

06. Course Fee, accommodation and other arrangements:

There is no course fee for the programme. Lodging and Boarding are to be provided to the participants at free of cost in the hostels of NIRDPR Campus, Rajendra Nagar, Hyderabad during the period of training programme.

07. Duration of the Programme:

Five days. 17th to 21st May 2022

08. Participants:

Faculty Members of Universities/Institutions of Southern Region

09. Nominations:

The nominations will be invited from each university of south region from any stream. The Vice chancellor of the concerned university is to nominate two faculties in the rank of Assistant professor/Associate Professor to participate in the said programme. After the completion of programme, trained experts are to impart training on foundation course on DRR to other academicians in their respective regions.

The nominations are to be sent in the following address:

For Registration click on:

<https://training.nidm.gov.in/> & <http://surl.li/brkdb/>

Nomination letter duly signed by VC/ Head of the institute shall email to:

kiranjalem.nird@gov.in,

[cc: iuindrr.nidm@nidm.gov.in](mailto:iuindrr.nidm@nidm.gov.in)

For any query please contact to:

- **Dr. Preeti Soni**

IUINDRR-NIDM Sectariate

Ph: 9717735481

- **Dr Kiran Jalem**

Assistant Professor, CNRMCC&DM, NIRDPR

Ph: 9835596500

Regional Capacity Building ToT Program for the academicians of South Region of India

on
“Inspiring the Minds for Disaster Risk Reduction”
17-21 MAY 2022



Programme Schedule

Day 1 – 17 May 2022			
S.No.	Time	Topic	Guest / Resource Person
I	10.00 – 10.05	Welcome Address	Dr. Preeti Soni SPC, IUINDRR, NIDM
	10.05 – 10.10	Objectives of the Program	Prof. Santosh Kumar Head, G&IDRR, NIDM
	10.10 – 10.15	Inaugural Address	Dr. G. Narendra Kumar, IAS Director General, NIRDPR
	10.15 – 10.20	Keynote Address	Chief Guest - Shri. G. Kishan Reddy , Minister of Tourism, Culture and Development of North Eastern Region of India & Member of Parliament representing Secunderabad since 2019
	10.20-10.25	Special key Note address	Special Chief Guest - Dr. Tamilisai Soundararajan , Governor of Telangana State and Lieutenant Governor of Puducherry
	10.25 – 10.30	Introductory Remarks	Prof. Ravindra S Gavali Head, CNRMCC&DM
	10.30 – 10.35	Vote of Thanks	Dr. Kiran Jalem Assistant. Professor, CNRMCC&DM
Discussion on the process for delivering the contents			
	10.45 – 12.00	Discussion on Foundation Course on curriculum Disaster Risk Reduction (3 credit)	Prof. Santosh Kumar , Head, G&IDRR, NIDM and Prof. S.N Labh , Asian Biological Research Foundation (ABRF)
	12.00 – 13.00	Methodology of Delivering Content: Pedagogy	Prof. Santosh Kumar , Head, G&IDRR, NIDM and Prof. S.N Labh , Asian Biological Research Foundation (ABRF)
Thematic Session-1		Concepts of Disaster (UNIT-I)	
II	14.00 – 14.45	<ul style="list-style-type: none"> Hazard and Disasters – Concepts, Vulnerability and Risks Hazard and Disaster Type – Natural, Water-related, Pandemic and 	Dr. Kiran Jalem Asst. Professor, CNRMCC&DM NIRDPR, Hyderabad

	14.45 – 15.15	Human Induced Hazards & Disasters <ul style="list-style-type: none"> Discussion with Team for delivering the content 	Prof. Santosh Kumar Head, G&IDRR, NIDM Prof. S.N Labh , Asian Biological Research Foundation (ABRF) Dr. Preeti Soni , IUINDRR-NIDM Dr. Kiran Jalem , NIRDPR
Thematic Session-2		Causes and Impacts of Disasters (UNIT-I)	
III	15.15 – 15.45	<ul style="list-style-type: none"> Causes and Impacts of Disasters - Impact on natural eco-system, physical, psychological and social impact 	Prof. Ravindra S Gavali Head, CNRMCC&DM, NIRDPR, Hyderabad / Dr. Ajinder Walia , Assistant Professor, NIDM
	15.45 – 16.15	<ul style="list-style-type: none"> Discussion with Team for delivering the content 	Prof. Santosh Kumar Head, G&IDRR, NIDM Prof. S.N Labh , Asian Biological Research Foundation (ABRF) Dr. Preeti Soni , IUINDRR-NIDM Prof. Ravindra S Gavali , NIRDPR
Thematic Session-3		Disaster Vulnerability Profile of India (Unit-I)	
IV	16.15 -17.00	<ul style="list-style-type: none"> Disaster Vulnerability of India with special reference to different regions and states of India 	Prof. Santosh Kumar Head, G&IDRR, NIDM
	17.00 – 17.30	<ul style="list-style-type: none"> Discussion with Team for delivering the content 	Prof. Santosh Kumar Head, G&IDRR, NIDM Prof. S.N Labh , Asian Biological Research Foundation (ABRF) Dr. Preeti Soni , IUINDRR-NIDM
Day 2 – 18 May 2022 (UNIT-I)			
Thematic Session-4		Financial Resilience to Disaster	
V	10.00 – 10.45	<ul style="list-style-type: none"> Building financial resilience against natural disasters Increasing the financial resilience of disaster affected populations 	Dr. Sarika Lohana Certificated Financial Trainer SEBI & NISM, Mumbai
	10.45 – 11.15	<ul style="list-style-type: none"> Discussion with Team for delivering the content 	Prof. Santosh Kumar Head, G&IDRR, NIDM Prof. S.N Labh , Asian Biological Research Foundation (ABRF) Dr. Vignesh , SRM and Dr. Kiran Jalem , NIRDPR
Thematic Session-5		Community Based Disaster Risk Reduction (UNIT-II)	
VI	11.15 – 12.00	<ul style="list-style-type: none"> Framework for Preventing and Reducing Risks and Mitigating Potential Impact DRR-CBDRRR, Institutions concerned with safety, Disaster mitigation 	Dr. Subrat Kumar Mishra Associate Professor, CNRCC&DM, NIRDPR, Hyderabad
	12.00 – 12.30	<ul style="list-style-type: none"> Discussion with Team for delivering the content 	Prof. Santosh Kumar Head, G&IDRR, NIDM Prof. S.N Labh , Asian Biological Research Foundation (ABRF) Dr. Preeti Soni , IUINDRR-NIDM

Thematic Session-6		Disaster Intervention Practices (UNIT-II)	
VII	12.30 – 13.15	<ul style="list-style-type: none">Disaster PreparednessRescue, Relief, RehabilitationReconstruction & Prevention	Dr. Kiran Jalem , Assistant Professor, NIRDPR, Hyderabad / Dr. Shekhar Chaturvedi , Assistant Professor, NIDM Prof. Santosh Kumar Head, G&IDRR, NIDM Prof. S.N Labh , Asian Biological Research Foundation (ABRF)
	13.15 – 13.30	<ul style="list-style-type: none">Discussion with Team for delivering the content	
Thematic Session-7		Application of GIS and Remote Sensing in Disaster Management (UNIT-II)	
VIII	14.00 – 14.45	<ul style="list-style-type: none">Flood Forecasting, Early Warning and Emergency Response through Remote Sensing and GIS	Mr. Amanpreet Singh Scientist, DMSG NRSC, Hyderabad Prof. Santosh Kumar Head, G&IDRR, NIDM Prof. S.N Labh , Asian Biological Research Foundation (ABRF)
	14.45 – 15.15	<ul style="list-style-type: none">Discussion with Team for delivering the content	
Thematic Session-8		Disaster Preparedness Planning (UNIT-II)	
IX	15.25 – 16.15	<ul style="list-style-type: none">Integrating DMP with GPDSafe Practices at Village Level on Disaster Preparedness and Management	Dr. Gyana Das, IAS Director, Panchayati Raj, Govt. of Odisha Prof. Santosh Kumar Head, G&IDRR, NIDM Prof. S.N Labh , Asian Biological Research Foundation (ABRF)
	16.15 – 16.30	<ul style="list-style-type: none">Discussion with Team for delivering the content	
Day 3 – 19 May 2022			
Thematic Session-9		Disaster Management (UNIT-III)	
X	10.00 – 10.45	<ul style="list-style-type: none">Role of Community Level Institutions in Disaster Risk CommunicationMass Media in reporting of losses and grief	Dr. Akanksha Shukla Associate Professor, CDC, NIRDPR, Hyderabad / Dr. Preeti Soni , SPC, NIDM Prof. Santosh Kumar Head, G&IDRR, NIDM Prof. S.N Labh , Asian Biological Research Foundation (ABRF) Dr. Preeti Soni , SPC, IUINDRR-NIDM
	10.45 – 11.15	<ul style="list-style-type: none">Discussion with Team for delivering the content	
Thematic Session-10		Institutional Framework for DM in India (UNIT-III)	
XI	11.15 – 12.00	<ul style="list-style-type: none">Institutional Framework on Disaster Management in India – NDMA, SDMA, DDMA, NDRF etc.DM Act 2005 and Guidelines on Disaster Management	Dr. Kiran Jalem , Assistant Professor, NIRDPR, Hyderabad / Dr. Shekhar Chaturvedi Assistant Professor, NIDM Prof. Santosh Kumar Head, G&IDRR, NIDM Prof. S.N Labh , Asian Biological Research Foundation (ABRF)
	12.00 – 12.15	<ul style="list-style-type: none">Discussion with Team for delivering the content	
Thematic Session-11		Regional Issues (Unit -III)	

XII	12.15 – 13.00	<ul style="list-style-type: none">Regional Hazards: Flood and Landslide Mitigation and Planning	Prof. S.N Labh , Asian Biological Research Foundation (ABRF)
	13.00 – 13.15	<ul style="list-style-type: none">Discussion with Team for delivering the content	Prof. Santosh Kumar Head, G&IDRR, NIDM Prof. S.N Labh , Asian Biological Research Foundation (ABRF)
Thematic Session-12		Community Preparedness towards Disasters in South Region (UNIT-III)	
XIII	14.15 – 15.00	<ul style="list-style-type: none">INCOIS services towards securing the livelihood and sea safety of the coastal community	Dr. Nimit Kumar Scientist, INCOIS, Hyderabad
	15.00 – 15.15	<ul style="list-style-type: none">Discussion with Team for delivering the content	Prof. Santosh Kumar Head, G&IDRR, NIDM Prof. S.N Labh , Asian Biological Research Foundation (ABRF)
Day 4 – 20 May 2022			
Field Exposure Visit			
NRSC Shadnagar - Forenoon (10 AM to 1 PM)		INCOIS - Afternoon (2 PM to 5 PM)	
Day 5 – 21 May 2022			
	10.00 – 10.15	<ul style="list-style-type: none">Recap of all the activities discussed so farCommunication Skills by Dr. Preeti Soni, SPC, IUINDRR-NIDM	
	10.15 – 11.15		
Group Presentations (Topics: Concepts of Hazard, Risk & Vulnerability, Disaster Intervention Practices and Components of DM)			
XIV	11.15 – 12.30	<ul style="list-style-type: none">Presentations by GroupsWay Forward	Participants DG, NIRDPR
Concluding Session			
XV	12.30 – 13.00	Valedictory Session	Program Team & DG, NIRDPR

Patrons

- **Shri. Taj Hassan** (IPS), Executive Director, NIDM
- **Shri. Shashi Bhushan**, (ICAS 1999), Director (Financial Management) & Financial Advisor, Deputy Director General (i/c). NIRDPR

Chief Guests

- **Shri. G. Kishan Reddy**, Minister of Tourism, Culture and Development of North Eastern Region of India & Member of Parliament representing Secunderabad since 2019
- **Dr. TAMILISAI Soundararajan**, Governor of Telangana State and Lieutenant Governor of Puducherry

Programme Directors

- **Prof. Santosh Kumar**, Head GiDRR & Director IUINDRR-NIDM, NIDM
- **Prof. Ravindra S Gavali**, Professor & Head, CNRMCC&DM, NIRDPR

Programme Team

- **Dr. Preeti Soni**, SPC, IUINDRR-NIDM
- **Dr. Kiran Jalem**, Assistant Professor, NIRDPR
- **Dr. Subrat Kumar Mishra**, Associate Professor, NIRDPR
- **Dr. Krishna Reddy Kakumanu**, Associate Professor, NIRDPR