



NERIWALM

TRAINING CALENDAR

2026-27



**NORTH EASTERN REGIONAL INSTITUTE OF
WATER AND LAND MANAGEMENT**

Department of Water Resources, River
Development & Ganga Rejuvenation
Ministry of Jal Shakti
Government of India

PREFACE

The North Eastern Regional Institute of Water and Land Management (NERIWALM), an institute under the Department of Water Resources, River Development and Ganga Rejuvenation, Ministry of Jal Shakti, Government of India, is dedicated to capacity building and skill enhancement of professionals engaged in sectors such as Irrigation/Water Resources, Agriculture, Horticulture, Soil and Water Conservation, and Rural Development. The Institute also extends its training and outreach activities to Water Users Associations (WUAs), farmers, and non-governmental organizations to promote efficient management of water and land resources for irrigation and agricultural development in the North Eastern Region of India.

During the year 2025–26, NERIWALM successfully conducted 70 capacity-building programmes at state, regional, and national levels, benefiting 2,836 participants across the region. These programmes focused on strengthening knowledge, technical skills, and practical competencies in the field of water and land management for sustainable irrigation and agricultural development.

The Training Calendar 2026–27 has been prepared based on training needs and suggestions received from various state and central organizations, recommendation of important meetings of NERIWALM, and feedback obtained from trainees. For the year 2026–27, the Institute has set a target of conducting 77 training programmes.

In addition to regular capacity-building programmes, the calendar also includes skill development initiatives for the private sector, programmes aimed at generating self-employment opportunities for youth, and medium-term training courses based on stakeholder demand and the Institute's accumulated experience over the years. NERIWALM also continues to offer M.Tech. and Ph.D. programmes in Water Resource Management.

The Institute is equipped with four modern classrooms, two conference halls, an auditorium, and several specialized laboratories and facilities, including the Water and Soil Testing Laboratory, GIS and Remote Sensing Laboratory, Climatology Laboratory, Water Resource Engineering Laboratory, Agro-Meteorology Station, Research and Demonstration Farm, and Audio-Visual Laboratory. These facilities are equipped with modern technologies and are extensively used for demonstrations, hands-on practical sessions, and skill development during training programmes. To ensure a conducive learning environment, accommodation facilities are also available for trainees at the hostel located within the NERIWALM campus.

Fulfilling the aspirations and capacity-building needs of the states in the field of water and land management remains our priority. Accordingly, training proposals received from states on an urgent-demand basis, subject to feasibility, will be accommodated in the available slots of the training calendar. We aspire to contribute meaningfully towards strengthening capacities for sustainable water and land resource management in the North Eastern Region and beyond.



*(Uzzal Mani Hazarika)
Director*

Broad Areas of Training

<i>Sl. No.</i>	<i>Area/ Topic</i>
1	<i>Irrigation Water Management</i>
2	<i>Water Resource Management</i>
3	<i>Hydrological Modelling</i>
4	<i>Water Literacy – A Pertinent Issue</i>
5	<i>Participatory Irrigation Management</i>
6	<i>Survey And Design Of Irrigation Project</i>
7	<i>Volumetric Water Measurement In Command Area</i>
8	<i>Micro Irrigation Management</i>
9	<i>Remote Sensing And GIS Application In Development And Management Of Command Area</i>
10	<i>Irrigation Management In PPP Mode</i>
11	<i>IWM For Summer Paddy</i>
12	<i>Solar Power In Small Irrigation Project</i>
13	<i>Soil Health Management</i>
14	<i>Multiple Cropping And Water Management</i>
15	<i>WUA In Canal Operation And Maintenance</i>
16	<i>Advanced Irrigation Management Techniques</i>
17	<i>Water Management In Tube Well Command Area</i>
18	<i>Barrage And Design Of Water Resource Structure</i>
19	<i>Leadership Development In Irrigation Management</i>
20	<i>Ground Water Development And Management</i>
21	<i>Water Budgeting</i>
22	<i>An Overview Of Water And Land Management And Springshed Management</i>
23	<i>Water Quality Monitoring</i>
24	<i>Springshed Management</i>
25	<i>Planning And Design Of Small Irrigation Schemes In Hilly Areas</i>
26	<i>Water Literacy For Farming Community</i>
27	<i>Water Conservation And Water Management</i>
28	<i>Soilless Farming Techniques For Efficient Water Management</i>
29	<i>Water Saving For Agriculture</i>
30	<i>DPR for Irrigation Project</i>
31	<i>Advance Modelling In Water Resources Technology And Management</i>

Training Calendar 2026-27 of NERIWALM

Sl. No	Title of programmes	Date/ Duration	Target group	Venue	In-campus/ Off campus	Course coordinator (s)
1ST QUARTER (APRIL, 2026- JUNE, 2026)						
1.	Water Harvesting And Conservation	3 April, 2026	Farmers/WU As of	Meghalaya	Off-Campus	Dr. Sanayanbi Hodam
2.	Integrated Water Management for Summer Paddy	7-9 April, 2026	Farmers /WUAs	Tezpur	In-Campus	Dr. Prarthana P Hazarika
3.	Water Literacy : A Pertinent Issue	17 April, 2026	NGOs	Assam	Off-Campus	Dr. Luna Moni Das
4.	Planning and Design of Small Irrigation Schemes In Hilly Areas	21-22 April, 2026	Officers	Arunachal Pradesh	Off-campus	Dr. Prianka Paul
5.	Soil Health Management	4 May, 2026	Farmers/WU As	Assam	Off-Campus	Ms. Rimpa Das
6.	Hydrological Modelling	6-10 May, 2026	Officers of Irrigation/ WRD	Tezpur	In-Campus	Dr. Sagarika Patowary
7.	Participatory Irrigation Management	18-19 May, 2026	Farmers/WU As	Meghalaya	Off-campus	Dr. Ch. Victoria Devi
8.	Irrigation Water Management	21-22 May, 2026	Officers	Meghalaya	Off-campus	Dr. Sagarika Patowary
9.	Survey and Design of Irrigation Project & Socio Economic Aspects (In-Plant Training)	1-5 June, 2026	BE/B.T ech/M. Tech Students	Tezpur	In-Campus	Shri Saurav Bhattacharjee
10.	Instrumentation In Irrigation Water Management (In- Plant Training)	8-12 June, 2026	BE/B.T ech /M.Tech Students	Tezpur	In-Campus	Shri Rajnish Singh
11.	Micro Irrigation Design, Installation and Management (In-Plant Training)	15-19 June, 2026	BE/B.T ech/M. Tech Students	Tezpur	In-Campus	Shri Saurav Bhattacharjee
12.	Remote Sensing and GIS Application In Development And Management Of	29 June- 3 July, 2026	BE/B.T ech/M. Tech Students	Tezpur	In-Campus	Shri Chandan Bhuyan

Sl. No	Title of programmes	Date/ Duration	Target group	Venue	In-campus/ Off campus	Course coordinator (s)
	Command Area (In-Plant Training)					
2nd QUARTER (JULY, 2026- SEPTEMBER, 2026)						
13.	Multiple Cropping and Water Management	6 July, 2026	Farmers/ WUAs	Mizoram	Off-Campus	Dr. Prarthana P Hazarika
14.	Water Quality	8-9 July, 2026	Officers	Mizoram	Off-campus	Shri Ritu Thakur
15.	Water Resource Management, Overview of water resource sector in India	13-17 July, 2026	Officials of MoJS	Tezpur	In-Campus	Dr. Sagarika Patowary
16.	PMKSY-Per drop more crop	20-22 July, 2026	Officers	Manipur	Off-campus	Dr. Sanayanbi Hodam
17.	Water literacy: a pertinent issue	27-28 July, 2026	NGOs	Tezpur	In-campus	Shri Ritu Thakur
18.	WUA in Canal Operation and Maintenance	29-30 July, 2026	Farmers/W UAs	Manipur	Off-campus	Dr. Chandam Victoria
19.	Water Resources Management	29-31 July, 2026	Officers	Tezpur	In-campus	Dr. Sagarika Patowary
20.	Springshed Management	3-4 August, 2026	Officers	Arunachal Pradesh	Off-campus	Dr. Sanayanbi Hodam
21.	Water conservation and water management	6-7 August, 2026	Farmers/W UAs	Arunachal Pradesh	Off-campus	Shri Chandan Bhuyan
22.	Survey and Design of Irrigation Project	10-14 August, 2026	Officers	Tezpur	In-campus	Dr. Prianka Paul
23.	Micro irrigation Trouble shooting and maintenance	12 August, 2026	WUAs/ Farmers	Tripura	Off-campus	Shri Saurav Bhattacharjee
24.	PMKSY- HKKP	13-14 August, 2026	Officers	Meghalaya	Off-campus	Dr. U. M. Hazarika
25.	Remote Sensing and GIS Application In Development And Management Of Command Area	17-21 August, 2026	Officers	Arunachal Pradesh	Off-campus	Dr. Luna M.Das
26.	MCAD Framework and Technical Concepts	24-25 August, 2026	Officers	Tezpur	In-campus	Dr. Sanayanbi Hodam

Sl. No	Title of programmes	Date/ Duration	Target group	Venue	In-campus/ Off campus	Course coordinator (s)
27.	Water literacy for farming community	1 -2 September, 2026	Women groups/Farmers	Tripura	Off-campus	Dr. Luna M. Das
28.	Soft Skill Development	3 - 4 September, 2026	Officers	Tezpur	In-campus	Dr. Ch. Victoria Devi
29.	Water Budget	7-8 September, 2026	JE/AE/AEE of Irrigation Dept.	Tezpur	In-campus	Dr. Prianka Paul
30.	Water Use Efficiency	10-12 September, 2026	Officers	Tezpur	In-campus	Dr. U.M.Hazarika
31.	Water Literacy for Farming Community	11 September, 2026	Farmers/W UAs	Arunachal Pradesh	Off-campus	Dr. Luna Moni Das
32.	Irrigation Management in PPP mode	15-16 September, 2026	Stakeholders of Irrigation project	Tezpur	In-campus	Dr. Chandam Victoria Devi
33.	Water Conservation and Water Management	17 September, 2026	Farmers/W UAs	Tezpur	In-campus	Shri Chandan Bhuyan
34.	Workshop on Springshed Management	18 September, 2026	Officials	Guwahati	Off-Campus	Dr. Sanayanbi Hodam
35.	Advanced Irrigation Management Techniques	21-22 September, 2026	Officers	Meghalaya	Off-campus	Dr. Sagarika Patowary
36.	Springshed Management	23-24 September, 2026	Officers	Meghalaya	Off-campus	Dr. Sanayanbi Hodam
37.	Multiple Cropping and Water Management	23-24 September, 2026	Farmers/W UAs	Meghalaya	Off-campus	Ms. Rimpa Das
38.	Right to Information Act	24-25 September, 2026	Staff of NERIWAL M & other state and central govt. offices	Tezpur	In - campus	Dr. Sagarika Patowary
3rd QUARTER (OCTOBER, 2026 - DECEMBER, 2026)						
39.	Advanced Irrigation Management Techniques	5-6 October, 2026	Officers	Sikkim	Off-campus	Dr. Sagarika Patowary

Sl. No	Title of programmes	Date/ Duration	Target group	Venue	In-campus/ Off campus	Course coordinator (s)
40.	Water Resource Management	5-10 October,2026	Officials of MoJS		In - campus	Dr. Prianka Paul
41.	Soil Health Management	8 October, 2026	Farmers /WUAs	Sikkim	Off - Campus	Dr. Prarthana P Hazarika
42.	Remote Sensing and GIS Application in Development and Management of Command Area	12- 16 October, 2026	Officers	Manipur	Off-campus	Dr. Luna M Das
43.	Hydrological Modelling	2-6 November , 2026	Faculty /Research Scholars	Guwahati	Off-Campus	Dr. Sagarika Patowary
44.	Water Quality Monitoring	3- 4 November, 2026	NGOs/Private sector	Tripura	Off - campus	Shri Ritu Thakur
45.	Irrigation Water Measurement Structures and their Design	12-13 November, 2026	Officers	Arunachal Pradesh	Off-campus	Dr. Prianka Paul & Shri Rajnish Singh
46.	Micro Irrigation Design, Installation And Management	12-13 November, 2026	Farmer/W UAs	Nagaland	Off-campus	Shri Saurav Bhattacharjee
47.	Decision Support System for Flood Risk Analysis Using Flood Modelling and GIS Tools	16-27 November, 2026	Officers	Tezpur	In-campus	Dr. U.M.Hazarika
48.	Application of GIS &RS in Water Resources Management	16 -20 November, 2026	Officers	Nagaland	Off-campus	Dr. Luna Moni Das
49.	Water Quality Monitoring	17-18 November, 2026	NGOs/Jal Mitras/Private Sector	Manipur	Off-campus	Shri Ritu Thakur
50.	Soilless Farming Techniques for Efficient Water Management (Hydroponic)	18-19 November, 2026	Officer	Nagaland	Off-campus	Dr. Prarthana P Hazarika
51.	Water Conservation and Water Management	20 November, 2026	Farmers/W UAs	Tezpur	In-campus	Dr. Luna Moni Das
52.	Water Quality Monitoring and Assessment	23-24 Nov,2026	NGOs/Jal Mitras/Private Sector	Tezpur	In-campus	Shri Ritu Thakur

Sl. No	Title of programmes	Date/ Duration	Target group	Venue	In-campus/ Off campus	Course coordinator (s)
53.	Conservation Agriculture For Improved Soil Moisture And Water Productivity	25-26 November, 2026	Officers	Tezpur	In-campus	Dr. Prarthana P Hazarika
54.	Soil and Water Conservation and Management	7-8 December, 2026	Officers	Tezpur	In-campus	Dr. Sanayanbi Hodam
55.	Multiple Cropping and Water Management	9 December, 2026	Farmers/W UAs	Mizoram	Off-campus	Ms. Rimpa Das
56.	Micro Irrigation Trouble Shooting And Maintenance	10 December, 2026	Farmers/W UAs	Mizoram	Off-campus	Shri Rajnish Singh
57.	DPR for Irrigation And Multipurpose Projects	14- 18 December, 2026	Officers	Tripura	Off-campus	Dr. Prianka Paul
58.	Multiple Cropping And Water Management	16-17 December, 2026	Farmers/W UAs	Tripura	Off-campus	Shri Ritu Thakur
59.	Irrigation Water Measurement And Design Of Structures	17-19 December, 2026	Officers	Tezpur	In-campus	Dr. Sanayanbi Hodam
60.	Leadership Development in Irrigation Management	21 December, 2026	Farmers/W UAs	Tezpur	In-campus	Shri Chandan Bhuyan
61.	Design of Dams, Weirs & Barrages	21-23 December, 2026	Officers	Tezpur	In-campus	Dr. Prianka Paul
4th QUARTER (JANURARY, 2027 - MARCH,2027)						
62.	Workshop cum Horticultural Show	4-5 January, 2027	Officers/farmers	Tezpur	In-campus	Dr. Prarthana P Hazarika
63.	Water Conservation and Water Management	6 January, 2027	Farmers/W UAs	Tezpur	In-campus	Shri Chandan Bhuyan
64.	Survey and Design of Irrigation Projects	6-7 January, 2027	Officers	Nagaland	Off-campus	Dr. Prianka Paul
65.	Springshed Management	18 January, 2027	Farmers/W UAS	Nagaland	Off-campus	Dr. Sanayanbi Hodam
66.	Rainwater Harvesting	22 January, 2027	Women groups/farmers	Tezpur	In-campus	Dr. Sanayanbi Hodam

Sl. No	Title of programmes	Date/ Duration	Target group	Venue	In-campus/ Off campus	Course coordinator (s)
67.	Springshed Management	28-29 January, 2027	Officers	Manipur	Off-campus	Dr. Sanayanbi Hodam
68.	Micro irrigation Trouble shooting and maintenance	28-29 January, 2027	Farmers/W UAs	Sikkim	Off-campus	Shri Saurav Bhattacharjee
69.	Training Needs Assessment (Workshop)	2 February, 2027	Officers	Guwahati	Off-campus	Dr. Ch. Victoria Devi
70.	Overview of Water Management	1-5 February, 2027	Officials (MTS) of MoJS	Tezpur	In-campus	Shri Ritu Thakur
71.	Smart Irrigation Scheduling And Agriculture Management	10-11 February, 2027	Farmers/W UAs	Tezpur	In-campus	Shri Rajnish Singh
72.	Soilless Farming Techniques for Efficient Water Management (Hydroponic)	15-16 February, 2027	Farmers/ WUAs	Manipur	Off-campus	Dr. Prarthana P. Hazarika
73.	Agronomic Interventions For Integrated Land And Water Management	22-23 February, 2027	Women groups/farmers	Tezpur	In-campus	Ms. Rimpa Das
74.	Micro Irrigation Troubleshooting and Maintenance	3-4 March, 2027	Farmers/ WUAs	Arunachal Pradesh	Off-campus	Shri Rajnish Singh
75.	Water Use Efficiency	9-10 March, 2027	Officers	Tezpur	In-campus	Dr. U.M.Hazarika
76.	Agronomic Interventions For Integrated Water And Land Management	11-12 March, 2027	Farmers/ WUAs	Assam	Off-Campus	Ms. Rimpa Das
77.	Surveying Using Total Station & DGPS	15-26 March, 2027	Private sector	Tezpur	In-campus	Dr. Luna M. Das

Note: 1. In addition to the listed 77 programmes more training/awareness/exposure visit/skill/internship/In-plant programmes etc. may be organised depending on request received from clientele Departments, Universities and Organisations etc. The method of training will be normally physical, dates and venue may be changed as and when necessary.

Skill Development Training Programme

Sl. No	Title of programmes	Date/ Duration	Target group	Venue	In-campus/ Off campus
1.	Solar power STW maintenance	2 weeks	Beneficiaries sponsored by Agril Deptt.	Tezpur	In-campus
2.	Micro irrigation – layout and maintenance	2 weeks	Farmers, Private Sector	Tezpur	In-campus
3.	Operation and maintenance of farm machineries	2 weeks	Farmers, Private sector	Tezpur	In-campus
4.	Basic Computer course	2 weeks	Students, Women groups	Tezpur	In-campus
5.	Use of GIS & Remote Sensing for water resources	2 weeks	Private sector, researchers	Tezpur	In-campus
6.	EIA and EMP studies	2 weeks	Professionals	Tezpur	In-campus
7.	Surveying using Total station & DGPS	2 weeks	Private sector ,Students,	Tezpur	In-campus
8.	Basics of Social Science Survey	2 weeks	Private sector, students, researchers	Tezpur	In-campus
9.	Water sample collection and analysis	2 weeks	Private sector, students, researchers	Tezpur	In-campus
10.	Soil sample collection and analysis	2 weeks	Private sector, students, researchers	Tezpur	In-campus
11.	Mushroom production technology	2 weeks	Farmers, Private sector	Tezpur	In-campus
12.	Compost making technology and quality testing	2 weeks	Farmers, private sector	Tezpur	In-campus

Note: Skill development self-financed training programmes

Long Term Training Programme

Sl. No	Title of programmes	Date/ Duration	Target group	Venue	In-campus/ Off campus
1.	M.Tech in Water Resource Management	2 years	WRD professionals and students	Tezpur	In-campus
2.	Ph.D in Water Resource Management	3 years	WRD professionals and students	Tezpur	In-campus

Medium Term Training Programme

Sl. No	Title of programmes	Date/ Duration	Target group	Venue	In-campus/ Off campus
1.	Mid duration Internship programme	3-6 months	UG/PG	Tezpur	In-campus
2.	Certificate course on Analysis of Environmental parameters- water quality analysis	3-6 months	UG/PG	Tezpur	In-campus
3.	Certificate course on Analysis of Environmental parameters- soil quality analysis	3-6 months	UG/PG	Tezpur	In-campus
4.	Certificate course on Water Resource Management	3-6 months	UG/PG	Tezpur	In-campus

Internship Training Programmes

Sl. No	Title of programmes	Date/ Duration	Target group	Venue	In-campus/ Off campus
1.	In-Plant training (Eng.)	1 -2 months	BE/B.Tech	Tezpur	In-campus
2.	In-Plant training (Eng.)	1 month	M.Tech/Research	Tezpur	In-campus
3.	In-Plant training (Social Science)	2-4 weeks	BA/MA students	Tezpur	In-campus
4.	In-Plant training (Soil and Water)	2- 4 weeks	B.Sc/ M.Sc/ Researchers	Tezpur	In-campus

Events to be observed by NERIWALM

Sl. No	Event	Date/ Duration
1.	Plantation Awareness programme under Plant4Mother/ World Environment Day	5th June 2026
2.	International Yoga day	21 June,2026
3.	Swachhata Awareness Programme	October , 2026
4.	Vigilance Awareness week	November, 2026
5.	World Soil Day	5 December,2026
6.	Inception Day of NERIWALM	23 December,2026
7.	World Wetland Day	2 February, 2027
8.	International Women's Day	8 March,2027
9.	World Water Day/ Water Users and Farmers Conclave 2027	22 March, 2027

For further information, please contact
Director

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