



NERIWALM

TRAINING CALENDER

2025-26



**NORTH EASTERN REGIONAL INSTITUTE OF
WATER AND 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) is an institute under the Department of Water Resources, River Development and Ganga Rejuvenation, Ministry of Jal Shakti, Government of India. The mandate of the Institute is to build capacity and enhancement skill of professionals working in various Government Departments like Irrigation/Water Resources, Agriculture, Horticulture, Soil & Water Conservation, Rural Development, etc. Water Users Associations (WUAs), farmers and NGOs for efficient management of water and land resources for irrigation and agriculture development of North Eastern Region of India.

In the year 2024-25, the institute conducted 70 capacity building programmes benefiting 2804 persons across the region. These programmes were conducted at state, regional, national and international level for capacity building in the field of water and land management for irrigation and agriculture development.

This Training Calendar 2025-26 is prepared according to the suggestions and recommendations received from the Training Needs Assessment, important meetings of NERIWALM and feedbacks from trainees. The target for the year is set as 70 Nos. In addition to this, with the experience gained over the years, skill development training programmes for creation of self-employment opportunities for the youths, self-financed and medium term training programmes are also listed in the calendar as per demand from the stakeholders. The institute is also continuing with M. Tech and Ph. D in Water Resource Management.

NERIWALM has four well-equipped classrooms, two conference halls, auditorium, various support system laboratories such as Water and Soil Testing Laboratory, GIS and RS Laboratory, Climatology laboratory, Water Resource Engineering Laboratory, Agro-Meteorology Station, Research and Demonstration farm and Audio Visual Laboratory etc. These laboratories and farms are well equipped with modern technologies which are used for demonstration and practical skill development during the training programmes. To accomplish the training programme with a conducive learning environment, provision of accommodation in the Trainee's hostel inside the NERIWALM campus is also available.

To fulfil the aspiration of the states in water and land management is our priority hence, training proposals on urgent demand basis by the states, if feasible, will be accommodated in the available slots of training calendar.


(Pradip Kumar Bora)
Director

Broad Areas of Training

Sl. No.	Area/ Topic
1	Irrigation Water Management
2	Water Resource Management
3	Hydrological Modelling
4	Water Literacy – a pertinent issue
5	Participatory Irrigation Management
6	Survey and Design of Irrigation Project
7	Volumetric Water Measurement in Command Area
8	Micro Irrigation Management
9	Remote Sensing and GIS application in development and management of command area
10	Irrigation management in PPP mode
11	IWM for summer paddy
12	Solar Power in small irrigation project
13	Soil health management
14	Multiple cropping and water management
15	WUA in Canal Operation and Maintenance
16	Advanced Irrigation Management Techniques
17	Water Management in tube well command area
18	Barrage and design of water resource structure
19	Leadership Development in Irrigation Management
20	Ground water development and management
21	Water Budgeting
22	An overview of water and land management and springshed management
23	Water quality monitoring
24	Springshed Management
25	Planning and design of small irrigation schemes in hilly areas
26	Water literacy for farming community
27	Water Conservation and water management
28	Soilless farming techniques for efficient water management
29	Water Saving for agriculture
30	Design of dams, weirs and barrages
31	Advance modelling in water resources technology and management

Training Calendar 2025-26 of NERIWALM

Sl. No	Title of programmes	Date/ Duration	Target group	Venue	In-campus/ Off campus	Course coordinator (s)
1ST QUARTER (APRIL, 2025- JUNE, 2025)						
1.	Participatory Irrigation Management	3 April, 2025	Farmers/WU As	Tezpur	In-Campus	Dr. Ch. Victoria Devi
2.	Integrated Water Management for Summer Paddy	7-9 April, 2025	Farmers /WUAs	Tezpur	In-Campus	Dr. Prathana P Hazarika
3.	Water Literacy : A pertinent Issue	17 April, 2025	Students	Tezpur	In-Campus	Dr. Luna Moni Das
4.	An overview of Water and Land Management and Springshed Management (Induction Training)	21-25 April, 2025	Group A Officers of RGNGWTRI	Tezpur	In-Campus	Dr. Prathana P Hazarika
5.	Soil Health Management	2 May, 2025	Farmers/WU As	Moliabari , Sonapur	Off-Campus	Shri Bikram Mandal
6.	Hydrological Modelling	5-7 May, 2025	Officers of Irrigation/W RD	Tezpur	In-Campus	Dr. Sagarika Patowary
7.	Water Quality Monitoring	19-20 May, 2025	NGOs	Nagaland	Off-campus	Shri Ritu Thakur
8.	Irrigation Water Management	21-22 May, 2025	Officers	Nagaland	Off-campus	Dr. Sagarika Patowary
9.	Survey and Design of Irrigation Project & Socio Economic Aspects (In-Plant Training Self-Financed)	2-6 June, 2025	BE/B.Tech/M.Tech Students	Tezpur	In-Campus	Shri Saurav Bhattacharjee
10.	Measurement of Irrigation Water and Design of Structures (In-Plant Training self-Financed)	9-13 June,2025	BE/B.Tech /M.Tech Students	Tezpur	In-Campus	Shri Rajnish Singh
11.	Micro Irrigation Design, Installation and Management (In-Plant Training self- Financed)	16-20 June,2025	BE/B.Tech/M.Tech Students	Tezpur	In-Campus	Shri Saurav Bhattacharjee
12.	Remote Sensing and GIS application in development and	23-27 June,2025	BE/B.Tech/M.Tech	Tezpur	In-Campus	Shri Chandan Bhuyan

Sl. No	Title of programmes	Date/ Duration	Target group	Venue	In-campus/ Off campus	Course coordinator (s)
	management of command area (In-Plant Training self-Financed)		Students			
2nd QUARTER (JULY, 2025- SEPTEMBER, 2025)						
13.	Multiple cropping and water management	2 July, 2025	Farmers/ WUAs	Mizoram	Off-Campus	Dr. Prarthana P Hazarika
14.	Micro Irrigation Design, Installation and Management	3-4 July, 2025	Officers	Mizoram	Off-campus	Dr. Prianka Paul
15.	Irrigation Water Management	7-11 July, 2025	Officers	Manipur	Off-campus	Dr.U.M.Hazarika
16.	Water Quality Monitoring	14-15 July, 2025	NGOs	Tezpur	In-campus	Shri Ritu Thakur
17.	WUA in Canal Operation and Maintenance	17 July, 2025	Farmers/WUAs	Manipur	Off-campus	Dr. Chandam Victoria
18.	Water Resources Management	22-24 July, 2025	Officers	Tezpur	In-campus	Shri Tapasranjan Das
19.	Springshed Management	28-29 July, 2025	Officers	Arunachal Pradesh	Off-campus	Shri Tapasranjan Das
20.	Micro irrigation Trouble shooting and maintenance	30-31 July, 2025	Farmers/WUAs	Arunachal Pradesh	Off-campus	Dr. U.M.Hazarika
21.	Survey and Design of Irrigation Project	4-6 August, 2025	Officers	Tezpur	In-campus	Dr. Prianka Paul
22.	Micro irrigation Trouble shooting and maintenance	11 August, 2025	WUAs/ Farmers	Tripura	Off-campus	Shri Saurav Bhattacharjee
23.	Planning and Design of Small Irrigation Schemes in hilly areas	12-13 August, 2025	Officers	Arunachal Pradesh	Off-campus	Dr. Prianka Paul
24.	Remote Sensing and GIS application in development and management of command area	18-22 August, 2025	Officers	Sikkim	Off-campus	Dr. Luna M.Das
25.	Water Management in Tube Well Command	25-26 August, 2025	WUAs/ Farmers	Tezpur	In-campus	Dr. Sagarika Patowary
26.	Leadership Development in Irrigation Management	1-2 September, 2025	Women groups/Farmers	Tripura	Off-campus	Dr.Luna M. Das

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27.	Springshed Management	4 -5 September, 2025	Officers	Shillong	Off-campus	Shri Tapasranjan Das
28.	Water Budget	8-9 September, 2025	JE/AE/AEE of Irrigation Dept.	Tripura	Off-campus	Dr. Prianka Paul
29.	Ground Water Development and Management	11-12 September, 2025	Officers	Tezpur	In-campus	Shri Tapasranjan Das
30.	Water Literacy for Farming Community	12 September, 2025	Farmers/WU As	Arunachal Pradesh	Off-campus	Dr. Luna Moni Das
31.	Irrigation Management in PPP mode	15-16 September, 2025	Stakeholders of Irrigation project/ NGOs	Tezpur	In-campus	Dr. Chandam Victoria Devi
32.	Water Conservation and water management	17 September, 2025	Farmers/WU A	Tezpur	In-campus	Shri Chandan Bhuyan
33.	Advanced Irrigation Management Techniques	22-23 September, 2025	Officers	Meghalaya	Off-campus	Dr. Sagarika Patowary
34.	WUA in Canal Operation and Maintenance	24-25 September, 2025	Farmers/WU As	Meghalaya	Off-campus	Dr. Chandam Victoria Devi
35.	Multiple Cropping And Water Management	25-26 September, 2025	Farmers/WU As	Tripura	Off-campus	Ms. Rimpa Das
3rd QUARTER (OCTOBER, 2025 - DECEMBER, 2025)						
36.	Advanced Irrigation Management Techniques	14-15 October, 2025	Officers	Sikkim	Off-campus	Shri Tapasranjan Das
37.	Multiple Cropping and Water Management	16 October, 2025	Farmers /WUAs	Sikkim	Off Campus	Dr. Prarthana P Hazarika
38.	Procurement through GeM, Conduct Rules, Administrative	3 November, 2025	Staff of NERIWAL M & other state and central govt. offices	Tezpur	In-campus	Dr. U.M.Hazarika
39.	Hydrological modelling	3-7 November, 2025	Students/Research Scholars	Tezpur	In-Campus	Dr.Sagarika Patowary
40.	Irrigation Water Measurement	10-11 November, 2025	Officers	Arunachal Pradesh	Off-campus	Dr.U.M.Hazarika

Sl. No	Title of programmes	Date/ Duration	Target group	Venue	In-campus/ Off campus	Course coordinator (s)
	Structures and their Design					
41.	Micro Irrigation Troubleshooting and maintenance	12-13 November, 2025	Farmer/WUAs	Nagaland	Off-campus	Shri Saurav Bhattacharjee
42.	Leadership Development in Irrigation Management	14 November, 2025	Farmers/WUAs	Nagaland	Off-campus	Dr. Luna Moni Das
43.	Water Quality Monitoring	17-18 November, 2025	NGOs	Manipur	Off-campus	Shri Ritu Thakur
44.	Soilless Farming Techniques for efficient water management (Hydroponic)	19-20 November, 2025	Farmers/WUAs	Shillong	Off-campus	Dr. Prarthana P Hazarika
45.	Ground Water Development and Management	20-21 November, 2025	Officers	Tezpur	In-campus	Shri Tapasranjan Das
46.	Water Conservation and Water Management	21 November, 2025	Farmers/WUAs	Tezpur	In-campus	Dr. Luna Moni Das
47.	Survey and Design of Irrigation projects	25-26 November, 2025	Officers	Manipur	Off-campus	Dr. Prianka Paul
48.	Remote Sensing and GIS application in development and management of command area	1-5 December, 2025	Officers	Tezpur	In-campus	Dr. Luna M Das
49.	Advanced Irrigation Management Techniques	8-9 December, 2025	Officers	Mizoram	Off-campus	Dr. Sagarika Patowary
50.	Multiple cropping and water management	10 December, 2025	Farmers/WUAs	Mizoram	Off-campus	Ms. Rimpa Das
51.	Micro Irrigation Trouble shooting and maintenance	11 December, 2025	Farmers/WUAs	Mizoram	Off-campus	Shri Rajnish Singh
52.	Irrigation Water Management	15- 16 December, 2025	Officers	Tripura	Off-campus	Dr. U.M.Hazarika
53.	Water Saving for Agriculture	17-18 December, 2025	Farmers/WUAs	Tripura	Off-campus	Shri Ritu Thakur
54.	Irrigation water Measurement and design of structures	17-18 December, 2025	Officers	Tezpur	In-campus	Shri Bikramjit Dutta & Shri Rajnish Singh

Sl. No	Title of programmes	Date/ Duration	Target group	Venue	In-campus/ Off campus	Course coordinator (s)
55.	Irrigation Management in PPP Mode	19 December , 2025	Farmers/WU As	Manipur	Off-campus	Dr.Ch. Victoria Devi
56.	Design of Dams, Weirs & Barrages	22-23 December , 2025	Officers	Tezpur	In-campus	Dr. Prianka Paul
4th QUARTER (JANURARY, 2026 - MARCH,2026)						
57.	International Seminar on Application of Advanced Modelling in Water Resources Technology and Management	8-9 January, 2026	Officers	Tezpur	In-campus	Dr. Pradip K.Bora
58.	Water Conservation and Water Management	19 January, 2026	Student	Tezpur	In-campus	Shri Chandan Bhuyan
59.	Survey and Design of irrigation projects	21-22 January, 2026	Officers	Nagaland	Off-campus	Dr. Prianka Paul
60.	Springshed Management	23 January, 2026	Farmers/WU AS	Nagaland	Off-campus	Dr. Tapasranjan Das
61.	Water Conservation and Water Management	28 January, 2026	Women groups/farmers	Sikkim	Off-campus	Dr.Ch.Victoria Devi
62.	Micro irrigation Trouble shooting and maintenance	29-30 January, 2026	Farmers/WU As	Sikkim	Off-campus	Dr. Tapasranjan Das
63.	Training Needs Assessment (Workshop)	2 February, 2026	Officers	Guwahati	Off-campus	Dr.Ch.Victoria Devi
64.	Springshed Management	4-6 February, 2026	Farmers/WU As	Meghalaya	Off-Campus	Shri Bikramjit Mandal
65.	Use of Solar Power for Irrigation and its Maintenance	16-17 February, 2026	Farmers/WU As	Tezpur	In-campus	Shri Rajnish Singh
66.	Exposure visit on irrigation management practices	16-20 February, 2026	Farmers/ WUAs	India/NE states	Off-campus	Shri Chandan Bhuyan
67.	Soil Health Management	24-25 February, 2026	Women groups/Farmers	Manipur	Off-campus	Ms. Rimpa Das
68.	Micro Irrigation Troubleshooting and Maintenance	5-6 March, 2026	Farmers/ WUAs	Farmers/ WUAs	Aruanachal Pradesh	Shri Rajnish Singh

Sl. No	Title of programmes	Date/ Duration	Target group	Venue	In-campus/ Off campus	Course coordinator (s)
69.	Multiple cropping in water management	9-10 March, 2026	Farmers/WU As	Manipur	Off-campus	Shri Bikramjit Mandal
70.	Integrated Water Management in Summer Paddy	11-12 March, 2026	Farmers/ WUAs	Assam	Off-Campus	Dr. Prathana P. Hazarika

Note: 1. In addition to the listed 70 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	PMKSY-PDMC beneficiaries (Deptt. Of Horticulture)etc.	Tezpur	In-campus
3.	Operation and maintenance of farm machineries	2 weeks	Farmers, entrepreneurs	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	Students, researchers	Tezpur	In-campus
6.	EIA and EMP studies	2 weeks	Professionals	Tezpur	In-campus
7.	Surveying using Total station & DGPS	2 weeks	Students, learner	Tezpur	In-campus
8.	Basics of Social Science Survey	2 weeks	Students, researchers	Tezpur	In-campus
9.	Water sample collection and analysis	2 weeks	Students, researchers	Tezpur	In-campus
10.	Soil sample collection and analysis	2 weeks	Students, researchers	Tezpur	In-campus
11.	Mushroom production technology	2 weeks	Farmers, entrepreneurs	Tezpur	In-campus
12.	Compost making technology and quality testing	2 weeks	Farmers, entrepreneurs	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

Self-Financed 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 2025
2.	International Yoga day	21 June,2025
3.	Swachhata Awareness Programme	October , 2025
4.	Vigilance Awareness week	November, 2025
5.	World Soil Day	5 December,2025
6.	Inception Day of NERIWALM	23 December,2025
7.	World Wetland Day	2 February, 2026
8.	International Women's Day	8 March,2026
9.	World Water Day/ Water Users and Farmers Conclave 2026	22 March, 2026

For further information, please contact
Director

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