

**CENTRAL WATER COMMISSION
NATIONAL WATER ACADEMY, PUNE**

TENATIVE TRAINING PLAN FOR THE YEAR 2017-18

<i>Sr. No.</i>	<i>Name of Training Program</i>	<i>Category</i>	<i>Target Group</i>	<i>Venue</i>	<i>Duration</i>
A	CADRE TRAINING PROGRAM				
1.	Core Area Training (CAT) : Structural Designs	In-service	CWES Group A Officers with working experience of more than 6 to 12 Years	NWA, Pune	(5 Weeks)
2.	Command Area Development program	In-service	For CWES Officers of all regions	NWA, Pune	(2 Weeks)
3.	Mid-Career Program / MDP	In-service	CWES Group A Officers (STS/JAG Level)	NWA, Pune	(1 Week)
4.	Induction Training Program for JEs	In-service	Newly Recruited Junior Engineers	NWA, Pune	(2 Weeks)
5.	Orientation Program	In-service	Newly Promoted AD-II/AD-I officers	NWA, Pune	(2 Weeks)
B	NON – TECHNICAL PROGRAMS FOR CWC/MoWR, RD & GR OFFICIALS				
6.	Management Development Program for Non-Technical Officers of CWC and MoWR officers	In-service	CWC/MOWR Officials	NWA, Pune	1 Week
7.	Training Module on Overview of Water Resources Sector	In-service	CWC/MOWR Officials	NWA, Pune	1 Week
C	REMOTE SENSING AND GEOGRAPHICAL INFORMATION SYSTEM				
8.	Application of Remote Sensing and GIS in Water Resource Development and Management	In-service	State/Central Government Engineers	NWA. Pune	2 Weeks
9.	Digital Surface Modeling and Watershed Modeling using RS and GIS	In-service	State/Central Government Engineers	NWA. Pune	2 Weeks
10.	Hydrological and Hydraulic Modeling using GIS	In-service	State/Central Government Engineers	NWA. Pune	2 Weeks
11.	Irrigation Project Monitoring and Management using RS and GIS	In-service	State/Central Government Engineers	NWA. Pune	1 Week

D	DISTANCE LEARNING PROGRAM				
12.	International Distance Learning Program in Hydrology : Basic Hydrological Sciences for Professionals from RA-II (Asian) countries in association with World Meteorological Organizations	In-service	Indian and International Participants	NWA, Pune	(7 Weeks)
13.	International Distance Learning Advanced topics in Hydrological, Hydraulic Sciences	Advanced	Indian and International Participants	NWA, Pune	(6 Weeks)
14.	International Distance Learning on Irrigation Water Management in collaboration with ICID	In-service	Indian and International Participants	NWA, Pune	(4 Weeks)
E	CAPACITY BUILDING PROGRAMS FOR STATE GOVERNMENTS (NEED BASED)				
15.	Dam Safety and Instrumentation	In-service	For DRIP States	NWA, Pune	1 Weeks
16.	Management Development Program	In-service	For DRIP States	NWA, Pune	1 Weeks
17.	Water Quality Assessment and Monitoring	In-service	State/Central Government Engineers	NWA, Pune	1 Week
18.	Water Resources Assessment	In-service	State/Central Government Engineers	NWA, Pune	1 Week
F	PROGRAMS UNDER NATIONAL WATER MISSION				
19.	Participatory Irrigation Management	In-service	State/Central Government Engineers	NWA, Pune	1 Week
20.	Water Budgeting	In-service	State/Central Government Engineers	NWA, Pune	3 days
21.	Increasing Water Use Efficiency in Irrigation Sector	In-service	State/Central Government Engineers	NWA, Pune	1 Week
22.	Climate Change Impact; mitigation measures; modeling tools GCM; RCM	In-service	State/Central Government Engineers	NWA, Pune	1 Week

G	PROGRAMS UNDER NATIONAL HYDROLOGY PROJECT				
23.	ToT in Hydrometry and management of Hydro-meteorological Data	In-service	For implementing agencies HP-III	NWA, Pune	1 Week
24.	The World Bank Procurement Procedures	In-service	For implementing agencies HP-III	NWA, Pune	1 Week
25.	e-SWIS	In-service	For implementing agencies HP-III	NWA, Pune	1 Week
26.	Integrated Water Resources Management	In-service	For implementing agencies HP-III	NWA, Pune	1 Week
27.	Flood Forecasting	In-service	For implementing agencies HP-III	NWA, Pune	1 Week
H	CIVIL / STRUCTURAL DESIGN & CONSTRUCTION IN WATER RESOURCES				
28.	Use of Advanced Software in design of water resources structures	Advanced	State/Central Government Engineers	NWA, Pune	1 Week
29.	Construction & Contract Management for Water Resources Projects	In-service	State/Central Government Engineers	NWA, Pune	1 Week
I	RIVER MANAGEMENT				
30.	Interlinking of Rivers	In-service	State/Central Government Engineers	NWA, Pune	3 days
31.	Reservoir Sedimentation and Sediment Management	In-service	State/Central Government Engineers	NWA, Pune	3 days
32.	Preparation of Detailed Project Report	In-service	State/Central Government Engineers	NWA, Pune	2 Weeks
33.	Flood Disaster management	In-service	State/Central Government Engineers	NWA, Pune	1 Week

J	POLICY ISSUES				
34.	Water Governance	In-service	State/Central Government Engineers	NWA, Pune	1 Week
35.	Strategic issues in water sector	In-service	State/Central Government Engineers	NWA, Pune	1 Week
K	INFORMATION TECHNOLOGY				
36.	Database Management and its application in Water Sector	In-service	State/Central Government Engineers	NWA, Pune	1 Week
L	ACTIVITIES UNDER JAL KRANTI ABHIYAN				
37.	Training-cum-Workshop on Water Resources for NGOS and Media Personnel's	Basic	NGOs and Media Personnel's	NWA, Pune	2 days
38.	Training-cum-Workshop on Water Resources for School Teachers,	Basic	School Teachers	NWA, Pune	1 day
39.	Training Program for Panchayati Raj Functionaries	Basic	PRIS	NWA, Pune	1 day
M	ACTIVITIES UNDER SWACCH BHARAT ABHIYAN				
40.	Training-cum-Workshop on Water Conservation, River Cleanliness and purification of water resources	Basic	Officials of Local Bodies / State Govt	NWA, Pune	2 days
41.	Training-cum-Workshop on Cleanliness of Water Bodies	Basic		NWA, Pune	1 day
N	ENVIRONMENT, ECONOMIC & SOCIAL, ASPECTS				
42.	Training Program on Environmental, Economic and Social Aspects of Water Resources Projects	In-service	State/Central Government Engineers	NWA, Pune	1 Week

Note :

As per requirements of minimum 32 training programs are to be conducted depending upon the adequate response from the State / Central Agencies.