

**CENTRAL WATER COMMISSION  
NATIONAL WATER ACADEMY, PUNE  
TRAINING PLAN FOR THE YEAR 2016-17**

<i>Sr.No.</i>	<i>Name of Training Program</i>	<i>Target Group</i>	<i>Venue</i>	<i>Duration</i>	<i>Month</i>
<b>A</b>	<b>CADRE TRAINING PROGRAM : PRIORITY PROGRAMS</b>				
1.	28 <sup>th</sup> Induction Training Program for (ITP)	Newly Recruited CWES Group A Officers	NWA, Pune	(26 Weeks)	07 Dec 2014- 03 June 2016
2.	Training Program for Ministerial Cadre of Subordinate Services of CWC	Officials of Ministerial & SC of CWC	NWA, Pune	1 Week	11 – 15 July 2016
3.	Command Area Development -I	For All regions CWES Officers	NWA, Pune	(2 Weeks)	22 Aug – 02 Sept 2016
4.	Command Area Development program -II	For All regions CWES Officers	NWA, Pune	(2 Weeks)	07-18 Nov 2016
5.	Induction Training Program	Newly Recruited Junior Engineers	NWA, Pune	(2 Weeks)	
6.	Induction Training Program	Newly Recruited Junior Engineers	NWA, Pune	(2 Weeks)	
7.	Core Area Training (CAT) : Civil Structural Designs	CWES Group A Officers with working experience of more than 6 to 12 Years	NWA, Pune	(5 Weeks)	
8.	Management Development Program	CWES Group A Officers (STS/JAG Level)	NWA, Pune	(1 Week)	
9.	Orientation Program	Newly Recruited Group B	NWA, Pune	(2 Weeks)	
10.	Orientation Program	Newly Promoted Group A officers	NWA, Pune	(2 Weeks)	
<b>B</b>	<b>NON – TECHNICAL PROGRAMS FOR CWC/MoWR,RD &amp; GR OFFICIALS</b>				
11.	Management Development Program for Non-Technical Officers of CWC and MoWR officers	CWC/MOWR Officials	NWA, Pune	1 Week	16-20 Aug 2016
12.	Training Module on Overview of Water Resources Sector for Non-Technical officers of MoWR	CWC/MOWR Officials	NWA, Pune	1 Week	18-21 Oct 2016

<b>C POLICY ISSUES</b>					
13.	Strategic Issues in Water Resources Sector	State/Central Government Engineers	NWA, Pune	1 Week	03-07 Oct 2016
14.	Water Governance :Organisations Involved Jurisdiction, Laws and Regulations	State/Central Government Engineers	NWA, Pune	1 Week	
<b>D REMOTE SENSING AND GEOGRAPHICAL INFORMATION SYSTEM : PRIORITY PROGRAMS</b>					
15.	Digital Surface Modeling and Watershed Modeling using RS and GIS (ISRO Funding)	State/Central Government Engineers	NWA. Pune	2 Weeks	20-June – 1 July 2016
16.	Rainfall-Runoff modeling , Flood Routing and Mapping using RS and GIS (ISRO Funding)	State/Central Government Engineers	NWA. Pune	2 Weeks	19-30 Sept 2016
17.	Irrigation Project Monitoring and Management using RS and GIS (ISRO Funding)	State/Central Government Engineers	NWA. Pune	2 Weeks	28 Nov – 09 Dec 2016
18.	Application of Remote Sensing and GIS in Water Resource Development and Management (ISRO Funding)	State/Central Government Engineers	NWA. Pune	2 Weeks	12-23 December 2016
19.	Hydrological and Hydraulic Modeling using GIS (ISRO Funding)	State/Central Government Engineers	NWA. Pune	2 Weeks	16-27 Jan 2017
<b>E DISTANCE LEARNING PROGRAM : PRIORITY PROGRAMS</b>					
20.	International Distance Learning Program in Hydrology : Basic Hydrological Sciences for Professionals from RA-II (Asian) countries in association with World Meteorological Organizations	Indian and International Participants	NWA, Pune	7 Weeks	Oct-Nov 2016
21.	International Distance Learning Advanced topics in Hydrological, Hydraulic Sciences	Indian and International Participants	NWA, Pune	6 Weeks	Feb-Mar 2017
<b>F CAPACITY BUILDING PROGRAMS FOR STATE/CENTRAL GOVERNEMTNS (NEED BASED) : PRIORITY PROGRAMS</b>					
22.	Management Development Program (Under DRIP)	DRIP States	NWA, Pune	1 Week	25-29 April 2016
23.	Financial Procedures and Works Management	CWPRS officials	NWA, Pune	2 days	21-22 Jun2016
24.	Training of Trainers (ToT) Program on "use of Climate Change adaption guidelines for Coastal Protection and Management in India" (under CRCP&MP").	Officers in the ranks of Executive Engineers and above	NWA, Pune	3 days	25-27 July 2016

25.	Workshop on "use of Climate Change adaption guidelines for Coastal Protection and Management in India" (Under CRCP&MP)	Panel of Experts, National Technical Committee (NTC) Members and other stakeholders	NWA, Pune	2 days	28-29 July 2016
26.	Water Quality Monitoring & Assessment	State/Central Government Engineers	NWA, Pune	1 Week	21-25 November 2016
<b>G</b>	<b>CIVIL / STRUCTURAL DESIGN IN WATER RESOURCES</b>				
27.	Use of Advanced Software in design of water resources structures	State/Central Government Engineers	NWA, Pune	1 Week	Jul-Aug 2017
<b>H</b>	<b>INTEGRATED WATER RESOURCES DEVELOPMENT AND MANAGEMENT</b>				
28.	Integrated River Basin Management	State/Central Government Engineers	NWA, Pune	1 Week	09-13 Jan 2017
29.	Integrated River Basin Management	State/Central Government Engineers	NWA, Pune	1 Week	13-17 Feb 2017
30.	Integrated River Basin Management	State/Central Government Engineers	NWA, Pune	1 Week	20-24 Mar 2017
31.	Water Assessment Methodology	State/Central Government Engineers	NWA, Pune	1 Week	
<b>I</b>	<b>RIVER MANAGEMENT</b>				
32.	Ganga Rejuvenation	State/Central Government Engineers	NWA, Pune	1 Week	06-10 Feb 2017
<b>J</b>	<b>INFORMATION TECHNOLOGY</b>				
33.	Monitoring of Irrigation Projects using BHUVAN	State/Central Government Engineers	NWA, Pune	3 days	24-26 Oct 2016
34.	Database Management and its application in Water Sector	State/Central Government Engineers	NWA, Pune	1 Week	02-06 Jan 2017
<b>K</b>	<b>FOREIGN TRAINING (NEED BASED)</b>				
35.	Surface & Watershed Modelling for Flood Management	Officials of RGoB	NWA, Pune	1 Week	18-22 July 2016
36.	Overview of Flood Forecasting for Officials of Flood Warning Sections	Officials of RGoB	NWA, Pune	1 Week	25-29 July 2016
<b>L</b>	<b>ACTIVITIES UNDER JAL KRANTI ABHIYAN</b>				
37.	Training-cum-Workshop on Water Resources for NGOS and Media Personnel's	NGOs and Media Personnel's	NWA, Pune	2 days	28-29 June 2016

38.	Training-cum-Workshop on Water Resources for School Teachers,	School Teachers	NWA, Pune	1 day	30 August 2016
39.	Training Program for Panchayati Raj Functionaries	PRIS	NWA, Pune	1 day	Feb-Mar 2017
<b>N</b>	<b>ACTIVITIES UNDER SWACCH BHARAT ABHIYAN</b>				
40.	Training-cum-Workshop on Water Conservation, River Cleanliness and purification of water resources	Officials of Local Bodies / State Govt	NWA, Pune	2 days	10-11 Aug 2016
41.	Training-cum-Workshop on Cleanliness of Water Bodies		NWA, Pune	1 day	
<b>N</b>	<b>NATIONAL WATER MISSION</b>				
42.	Participatory Irrigation Management	State/Central Government Engineers	NWA, Pune	1 Week	06-09 Sept 2016
43.	Water Budgeting	WALMIs/State Gov Engineers	NWA, Pune	1 Week	13-16 September 2016
<b>N</b>	<b>PMO DIRECTIVES</b>				
44.	Water Conservation for Youth Representatives	Youth Representatives	NWA, Pune	1 day	21 July 2016

**Note :**

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