

**CENTRAL WATER COMMISSION
NATIONAL WATER ACADEMY, PUNE
TRAINING PLAN FOR THE YEAR 2018-19**

<i>Sr. No.</i>	<i>Category & Name of Training Program</i>	<i>Target Group</i>	<i>Venue</i>	<i>Duration (Weeks)</i>
A	<i>CADRE TRAINING PROGRAM</i>			
1	Induction Training Program for JEs- Batch 1	Newly Recruited Junior Engineers of CWC	NWA, Pune	3 Weeks
2	Mid Career Training Program [MCTP	Exclusively for the CWES (Gr-A) Officers of the level of JAG.	NWA, Pune	2 Weeks
3	Induction Training Program for JEs - Batch 2	Newly Recruited Junior Engineers of CWC	NWA, Pune	3 Weeks
4	Core Area Training : Design of Water Resources Structures	For CWES Group A officers only	NWA, Pune	3 Weeks
5	Induction Training Program for JEs - Batch 3	Newly Recruited Junior Engineers of CWC	NWA, Pune	3 Weeks
6	Orientation Program	Newly Promoted AD-II Officers	NWA, Pune	2 Weeks
7	Core Area Training Flood Forecasting & Management	For CWES Group A Officers Only	NWA, Pune	3 Weeks
8	Induction Training Program for JEs - Batch 4	Newly Recruited Junior Engineers of CWC	NWA, Pune	3 Weeks
9	30th Induction Training Program (ITP)	Newly Recruited CWES Group A Officers	NWA, Pune	30 Weeks
B	<i>NON -TECHNICAL PROGRAMS FOR CWC/MoWR, RD & GR OFFICIALS</i>			
10	Management Development Program for Non-Technical Officers of CWC and MoWR officers	CWC/MOWR, RD & GR Officials	NWA, Pune	1 Week
11	Overview of water Resources Sector of India	CWC/MOWR, RD & GR Officials	NWA, Pune	1 Week
C	<i>REMOTE SENSING AND GEOGRAPHICAL INFORMATION SYSTEM</i>			
12	Application of GIS in Water Sector	State/Central Government Engineers	NWA Pune	2 Weeks

13	Digital Surface Modelling and Watershed Analysis using GIS	State/Central Government Engineers	NWA, Pune	2 Weeks
14	Training of Trainers in ARC-GIS (ToT)	Core Faculty of NWA	NWA, Pune	1 Week
D	<i>DISTANCE LEARNING PROGRAM</i>			
15	International Distance Learning Program in Hydrology : Advanced Topics in Hydrological, Hydraulic Sciences (Continued Program)	Indian and International Participants	DL Course	7 Weeks
16	International Distance Learning Program in Hydrology : Basic Hydrological Sciences in association with World Meteorological Organizations	Indian and International Participants	DL	7 Weeks
17	International Distance Learning Program in Hydrology : Advanced Topics in Hydrological Hydraulic Sciences	Indian and International Participants	DL	6 Weeks
E	<i>PROGRAMS UNDER NATIONAL WATER MISSION</i>			
18	Climate Change Impact; mitigation measures; modeling tools GCM; RCM	State/Central Government Engineers	NWA, Pune	1 Week
19	Participatory Irrigation Management & Watershed Management	State/Central Government Engineers	NWA, Pune	1 Week
20	Training Program on Piped Irrigation Network and Micro Irrigation : Increasing Water Use Efficiency	State/Central Government Engineers	NWA, Pune	1 Week
21	“Har Khet Ko Pani, More Crop Per Drop (PMKSY)” Bridging the IPC-IPU Gap and Role of PIM	State/Central Government Engineers	NWA, Pune	1 Week
F	<i>PROGRAMS UNDER NATIONAL HYDROLOGY PROJECT</i>			
22	Irrigation Benchmarking	For Implementing Agencies of NHP	NWA, Pune	1 Week
23	Water Accounting +	For Implementing Agencies of NHP	NWA, Pune	8 Weeks
24	The World Bank Procurement Procedures	For Implementing Agencies of NHP	NWA, Pune	1 Week

25	Integrated Water Resources Management	State/Central Government Engineers	NWA, Pune	1 Week
26	Hydro Meteorological data Management - Application of eSWIS	For Implementing Agencies of NHP	NWA, Pune	1 Week
27	Water Information and Analytics Generation using Free Online Tools	State/Central Government Engineers	NWA, Pune	2 Days
G	<i>CIVIL STRUCTURAL DESIGN & CONSTRUCTION IN WATER RESOURCES</i>			
28	Analysis and Design of Underground Structures	State/Central Government Engineers	NWA, Pune	3 Days
29	Use of Advanced Software in design of water resources structures	State/Central Government Engineers	NWA, Pune	1 Week
H	<i>RIVER MANAGEMENT</i>			
30	Survey, Investigation and Preparation of Detailed Project Reports for Water Resources Projects	State/Central Government Engineers	NWA, Pune	1 Week
31	Flood Disaster Management including Disaster Risk Reduction	State/Central Government Engineers	NWA, Pune	1 Week
32	Coastal Erosion and Protection	State/Central Government Engineers	NWA, Pune	1 Week
33	Integrated Reservoir Operation & Management	State/Central Government Engineers	NWA, Pune	1 Week
34	Water Quality Assessment and Monitoring	State/Central Government Engineers	NWA, Pune	1 Week
35	River Rejuvenation	State/Central Government Engineers	NWA, Pune	1 Week
36	River Morphology & Sediment Management	State/Central Government Engineers	NWA, Pune	1 Week
37	Interlinking of Rivers	State/Central Government Engineers	NWA, Pune	3 days
I	<i>POLICY ISSUES</i>			
38	Workshop on Water Management Index	All Water Resources Stakeholders	NWA, Pune	1 day
39	Water Governance	State/Central Government Engineers	NWA, Pune	1 Week

40	Strategic Issues in Water Sector	State/Central Government Engineers	NWA, Pune	1 Week
J	ACTIVITIES UNDER JAL KRANTI ABHIYAN			
41	Training-cum-Workshop on Water Resources for School Teachers	School Teachers	NWA, Pune	1 day
42	Training-cum-Workshop on Water Resources for NGOs and Media Personnel's	NGOS and Media Personnel	NWA, Pune	2 Days
K	ACTIVITIES UNDER SWACCH BHARAT ABHIYAN			
43	Training Program on Water Conservation and River Purification through best practices in Sewage and Solid Waste Management	State/Central Government Engineers	NWA, Pune	1 Week
L	ENVIRONMENT, ECONOMIC & SOCIAL ASPECTS			
44	Environmental flow	All stakeholders	NWA, Pune	2 Days
45	Environmental, Economic and Social Aspects of Water Resources Projects	State/Central Government Engineers	NWA, Pune	1 Week
M	SOFTWARE DEVELOPMENT			
46	SDMC Workshop	For SDMC Core Group Members	NWA, Pune	1 Day
47	SDMC International Training	For SDMC Core Group Members	NWA, Pune	2 weeks
48	SDMC Training	For SDMC Core Group Members	NWA, Pune	1 Week
49	SDMC Conference	For SDMC Core Group Members	NWA, Pune	1 Day
N	FOREIGN TRAINING			
50	Trainig for the officials of RoGB	For the Officials of RoGB	NWA, Pune	1 Week
O	DRIP			
51	Dam Safety, Portfolio Management and Risk Assessment	For DRIP Implementing Agencies	NWA, Pune	2 Weeks
P	IWRM			
52	IWRM for River Basin Planning & Management, Best Practices & Development and Data Acquisition and Analysis for CGWB Officers	For CGWB Officers	NWA, Pune	1 Week