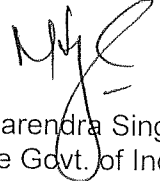


Shram Shakti Bhawan, Rafi Marg
New Delhi, Dated 8th June, 2016

Circular

Annual Training Plan for the year 2016-17 for training of officers of MoWR, RD & GR under HRD & CB Scheme approved by the Competent Authority has been uploaded on the Circular Page of the Intranet under Head '**Training**' of the Ministry, for information to all stakeholders.


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Copy to:

1. All Divisional Heads in the Ministry of Water Resources, RD & GR.
2. NIC Cell – for uploading the enclosed Annual Training Plan 2016-17 on the Circular page under Head 'Training' of the intranet.

TRAINING PLAN – 2016-17
Implementation of Training Policy of Ministry of Water Resources

S.No.	Activity	Target (Physical/ Financial)	No. of training courses	Action	Remarks
1.	Mandatory Cadre Training	It would depend upon nomination by Cadre Controlling Authority	It would depend upon nomination by Cadre Controlling Authority		There are various Mandatory training programmes conducted by ISTM i.e. Level-A for UDC, Level-B for Assistant, Level-D for SO, Level-E for US, Level-F for DS & Directors. Also Level-II, Level-III & Level-IV for Steno/PA/PS etc.
2.	Familiarisation Training of Non-Technical Officer of Ministry on Water Sector	100 officers to be deputed for training	About 8 training programme in a year	i) Short-term courses by faculty of NWA and RGI for development of basic instructional skills, design need based training, implement cost-effective training strategies and create and manage a learning environment. (ii) Short-term courses on technical aspects of water related issues. (iii) to enhance domain knowledge on water sector.	To be conducted by reputed institute i.e. IITs, NWA, Pune, NIH, Roorkhee and NERIWALM, Tejpur
3.	In-House Training Programme	240 officials/ officers to be deputed for training	About 12 Nos. in a year		Training on various topics i.e. (i) Office Procedure, Administrative Vigilance, RTI Act, Noting & Drafting, Conducting DPC, Establishment Rules, Service Book

					Maintenance, Programme on Pension related benefits, ISO:9008, topic on Health issues etc. By utilising the services of In-house officers and external faculties
4.	Other trainings conducted by NPC, DPC, JPC, NIC Data Centre, V V Giri National Labour Institute & ISTM etc.	100 officials/ officers to be deputed for training	About 20 Nos. in a year		Training on various topics i.e. (i) e-governance (Users and Masters), (ii) Stress and time Management (iii) Project Management and Strategic Financial Planning (iv) Team Building and Leadership (v) Laws relating to Equality & Empowerment of Women (vi) Preventing Sexual Harassment at Workplace and various training conducted by ISTM on Administrative, Vigilance and Cash matters i.e. (vii) FR& SR (viii) Formulation of Budget (ix) Pension Rules (x) Income Tax Calculation (xi) RTI Act, 2005 (xiii) MS-Word etc.
5.	Deputation of Senior Officers/Engineers/ Scientists of MoWR for participation in Long term as well Short Term Training Programmes/ Workshops/Seminars/ on issues related to Water Sector and Management Development Programme conducted by ASCI to be organised abroad.	5 officers to be deputed for training	Will depend on the topics and availability of officers		An indicative list of short term technical courses offered by International Institutes is given in Annex.

Annual Training Plan

S.No	Category	Courses/programmes	Remarks
1	<u>MTS</u>	1. Conduct Rules 2. Behavioral Science 3. Retirement benefits etc.	1. Senior Officers of MoWR 2. Expert Trainers from ISTM/DoPT
2	Direct recruit employees of CSS /CSSS cadres	As per Training Programmes of DoPT/ISTM	
3	Officers/employees who are posted in MoWR on rotational transfer/Central Staffing Scheme	1. One week's duration Orientation Programme/ Induction Training in MoWR. 2. As per DoPT/ISTM programmes	

Illustrative List of Institutions offering long term courses on water related issues in India

POLICY ASPECTS		
S.No.	Subjects	Tentative identified Institutes
1.	Water Policy and Law	Indian law Institute, Bhagwan Das Road, New Delhi
		National Law School of India University, Bangalore
2.	Water Markets	Delhi School of Economics, University of Delhi Institute of Economic Growth, University of Delhi (North Campus) New Delhi, Gokhale Institute of Politics and Economics, Pune
3.	Water Economics	
4.	Water Budget and Finance	
TECHNICAL ASPECTS		
S.No.	Subjects	Tentative identified Institutes
1.	M.Tech in Water Resources Engineering	Department of Civil Engineering, IIT-Delhi
2.	M.Tech/M.S./Ph.D in Environmental Engineering, Hydraulic and Water Resources Engineering	IIT-Madras
3.	Ph.D. in hydrogeology	IIT –Bombay
4.	M.Tech and Ph.D programmes in Water Resources Engineering	
5.	Continuing Education Programme	
6.	Masters Programme and Ph.D	Center for Ocean, Rivers, Atmosphere and Land Sciences, School of Water Resources, IIT-Kharagpur
7.	Masters Programme and Ph.D	Hydraulics and Water Resources Engineering, Department Of Civil Engineering, IIT-Kanpur
8.	Water Resources Management and Irrigation Water Management	Department of Water Resources Development and Management, IIT-Roorkee
9.	PG courses on Ground Water, Surface Water and Watershed Management.	School of Hydrology, IIT-Roorkee
10.	Ph.D./ M.Sc. (Engineering) /ME	Water Resources and Environmental Engineering Group, Civil Engineering Department, Indian Institute of Science, Bengaluru

MAIN OBJECTIVES:

The Ministry of Water Resources, Government of India established a Chair named as ‘Bharat Singh Chair for Water Resources’ at IIT, Roorkee in 2008, in the memory of Late Professor Bharat Singh, a renowned water resources expert and visionary of India. The main objective of the Chair is to carry out studies on water resources with special emphasis on assessment of effect of climate change and adaptation strategies in respect of planning, design and management of water resources systems in general and of Indus Basin, in particular. An important activity related to the Chair will be transfer of technology to various organizations of MOWR/GOI.

Other general objectives:

1. To take part in the academic programmes of the IIT, Roorkee as full -time professor/faculty in Water Resources Engineering.
2. To develop R&D programme relevant to the needs of various organizations of MOWR/GOI in the related areas.
3. **To initiate and develop human resources development (HRD) programmes relevant to the needs of various organizations of MOWR / GOI and to coordinate courses for their officers.**
4. To review available design standards and suggest necessary changes /improvements to accommodate the effect of climate change in design of water resources systems.