



F.N. 8/9/RDC-1/2019

Date: 02/09/2019

**Sub: - Nomination request for the training on Hydro-met Instrumentation including Communication (field oriented) under National Hydrology Project- Reg.**

As per Training Calendar under the National Hydrology Project for the 2nd, 3rd & 4th Qtr of FY 2019-20 and 1st Qtr of the FY 2020-21 received from NPMU, NHP, DoWR, RD&GR dated on 26.08.2019 (enclosed) details of the training program to be held in September, 2019 under National Hydrology Project are given below:

Sl. No.	Name of Training	Venue	Accommodation/ Coordinator	Period of training
1.	5 days training programme on Hydro-met Instrumentation including Communication (field oriented)	Maithon, DVC West Bengal	NPMU, DoWR, RD&GR	23 <sup>th</sup> – 27 <sup>th</sup> September, 2019
2.	3 days training programme on "Use of Remote Sensing & GIS for Water Quality Data"	IIPA, Delhi	CPCB	24 <sup>th</sup> – 26 <sup>th</sup> September, 2019

The nomination in respect of Training programme mentioned above may please be sent to Director, Training after approval of concerned Member (D&R/WP&P) directly before 12.09.2019 for obtaining the approval of the Chairman, CWC.

The officers under RM Wing may send the nomination to this office for obtaining the approval of Member (RM), CWC before 10.09.2019.

The nominated officers requested to enter his/her details on <http://nhp.mowr.gov.in/training/SearchProfile.aspx>

Encl: as above

(Rajesh Kumar)

Director, RDC-1

Copy to:

1. Chief Engineer, HRM, CWC, New Delhi.
2. All field Chief Engineer, Central Water Commission.
3. Chief Engineer, NWA, Pune.
4. Director (RM/D&R/WP&P) Coordination Directorate, CWC, New Delhi.



5. Director, Training Dte, CWC, New Delhi.
6. Senior Joint Commissioner-1, NPMU, MoWR, RD&GR, New Delhi.
7. AD, RDC-I Dte, CWC, New Delhi for uploading circular on CWC website.

(Rajesh Kumar)

Director, RDC-1





**Government of India**  
**Ministry of Jal Shakti**  
**Department of Water Resources, RD & GR**  
**National Hydrology Project (NHP)**

File No X-56014/2/2017-NHP Section/03-11

Dated: 26<sup>th</sup> August, 2019

**Sub: Training Calendar under the National Hydrology Project for the 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> Qtr of FY 2019-20 and the 1<sup>st</sup> Qtr of the FY 2020-21- reg.**

National Hydrology Project's objective includes Institutional Strengthening and Capacity Building of the Water Resource Professional working in the Central and State Implementing Agencies under NHP. To achieve this objective, and to get the maximum benefit of the resources, the National Training Calendar for the 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> Qtr of FY 2019-20 and the 1<sup>st</sup> Qtr of the FY 2020-21 is enclosed (Annexure-I) for advance planning and timely registration in the MIS portal of the NHP.

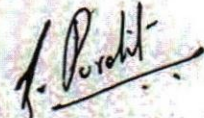
The Boarding & Lodging for participants of all such training shall be provided/borne by the concerned organising agencies and can be booked under the NHP Head. The remuneration and Airfare charges of the Guest faculty, wherever required (for non NHP members) will be borne by the host Implementing Agency and can charge to NHP Head. The responsibility of designing the course content and arrangement of faculty rests with the Organising Agency. However, NPMU, DoWR, RD & GR, Ministry of Jal Shakti may be consulted if considered necessary.

Apart from the courses mentioned in the Training Calendar, additional Training courses, In-House Training Programme by the IAs, Workshops, The World Bank's Missions, Mid Term Reviews, International Training Programme may be organised by DoWR, RD & GR, the World Bank, Other Multilateral agencies, Ministries/Departments of Government of India, which will be informed time to time. It is also to mention that the dates, venue and the organising agencies for some of the events are likely be Changed/Shifted. Kindly Check MIS Portal (or call) before arranging your Travel Plans.

Apart from the above, 6 international Training are also proposed for the current Financial year (Annexure-I), of which 2 are already Approved/Completed. The Circular for the remaining 4 International Training Programme will be sent separately and Nomination will be sought.

*This issues with the approval of Competent Authority.*

**Encl: as above**

  
**(Raja Ram Purohit)**  
 Dy. Director (NHP)  
 rr.purohit@nic.in

To,

1. **Principal Secretaries, Project Coordinator & Nodal Officer** of the State Implementing Agencies.
2. **Head of the Organisation** of the Central Implementing Agencies.

Copy for information to:

1. **PS to Joint Secretary (IC & GW), DoWR, RD & GR, Ministry of Jal Shakti, Rafi Marg, New Delhi**
2. **Training Coordinator (NHP), National Institute of Hydrology, Roorkee. U.K.**
3. **Chief Engineer, National Water Academy, CWC, Pune.**
4. **Director, National Ground Water Training and Research Institute, CGWB, Raipur.**
5. **Director, NERIWALM, Tejpur, Assam**
6. **Dr. Anju Gaur, Task Team Leader (NHP), the World Bank, H.T. Building, New Delhi.**
7. **Team Leader, TAMC (NHP), MTNL Building, 9, CGO Complex, New Delhi**

2<sup>nd</sup> Floor, Rear Wing, MDSS (MTNL) Building, 9, CGO Complex, Lodi Road, New Delhi -3

Tel: +91 - 11 - 24363417, 24369543, 24367081, 21420146, 21420147, 21420148 (fax)

Website: [nhp.mowr.gov.in](http://nhp.mowr.gov.in) email: [nhp-mowr@gov.in](mailto:nhp-mowr@gov.in)



Training Calendar, 2nd, 3rd & 4th Qtr, 2019-20 and 1st Qtr 2020-21, National Hydrology Project (NHP)						
S. No.	Title of Training Course	Area	Month	Organiser	Venue	status
Trainings: 1st Qtr (Apr to June, 2019)						
1	Applied Hydrology and introduction to the hydrological modelling	SW Hydrology	25th April - 10 May, 2019	Kerala SW	Trivandrum	Completed
2	River Discharge Estimation Using Non-Contact Hydrometric Techniques	Hydromet Instrumentation	3rd June - 7th June 2019	NPMU	IIT Roorkee	Completed
3	Training on River Basin Management and Planning using "MIKE Hydro Basin"	SW Modelling	6th - 8th June 2019	Gujrat SW	Gandhinagar	Completed
4	Water Quality Assessment and Management	Water Quality	17 - 21 June, 2019	NIH Roorkee	NIH Roorkee	Completed
5	Distance learning- basic hydrology and sciences for Asian region	SW Hydrology	17th June - 2nd July 2019	NWA	Pune	Completed
6	Remote Sensing & GIS Technologies	RS & GIS	24th - 28th June, 2019	NRSC	Hydrabad	Completed
Trainings: 2nd Qtr (July to September, 2019)						
1	Creation of Digital elevation model (DEM)	Survey	9th - 12th July 2019	SOI	Deheradun	Completed
2	Design, Organization and Management of Water Quality Monitoring	Water Quality	10th - 12th July, 2019	CPCB	Bangalore	Completed
3	WB Procurement Procedures and Contract management and arbitration under NHP	Procurement	15th - 19th July, 2019	NPMU	Pune	completed
4	Training course on Ground water issues of Punjab with special emphasis on Groundwater salinity	Water Quality	16th - 18th July, 2019	NIH Roorkee	WRD department Punjab Mohali	completed
5	Water Accounting Including Phytan and Java Script	Water Accounting	9th Sept, 2019 onwards	NWA	Pune	Proposed by NWA Pune
6	2 weeks GIS & RS application to water resources	RS & GIS	19th-30th August, 2019	NRSC	Hyderabad	ongoing
7	Creation of DEM Proposed	Survey	September, 2019	SOI	Hydrabad	Proposed
8	Basic Ground Water for NE Region	GW Hydrology	25th -27th September, 2020	NPMU	Aizwal, Mizoram	Proposed
9	Hydro-met Instrumentation including communications (Field Oriented)	Hydromet Instrumentation	23- 27 September, 2019	NPMU	Mithan , DVC West Bengal	Proposed By NPMU
10	E-SWIS + Discharge Measurement Techniques& Instruments(WIMS)	Database Software	September, 2019	CWC/ Uttarakhand	Roorkee/Deheradun	Dates to be confirmed
11	Use of Remote Sensing and GIS for Water Quality Data Management	Water Quality	24 - 26 Sept, 2019	CPCB	IIPA, Delhi	Proposed
Trainings: 3rd Qtr (October to December, 2019)						
1	Integated Reservoir operation using HEC Res-Sim or equivalent software	SW Modelling	October, 2019	NWA	Pune	To be arranged with NIH
2	HEC HMS & HEC RAS Modelling	SW Modelling	14th - 18th October, 2019	NIH Roorkee	NERIWALM	To be arranged with NIH
3	Basic RS and GIS	RS & GIS	14th - 18th October, 2019	NRSC	Hydrabad	To be arranged with NRSC
4	Hydrologic Modelling	SW modelling	18th -29th Nov 2019	NIH Roorkee	Roorkee	Proposed By NIH
5	Water Information and Analytics Generation using Free Online Tools	SW Hydrology	18th -22 nd Nov 2019	NWA	Pune	From NWA Training schedule
6	Analytical Procedures for Water Quality Parameters - Uniform Protocol	Water Quality	26-28 Nov, 2019	CPCB	IIPA, Delhi	Proposed
7	E-SWIS + Discharge Measurement Techniques& Instruments(WIMS)	Database Software	November, 2019	CWC	Tamilnadu	Dates to be confirmed
8	Well Hydraulics and Pumping Test Data Analysis	GW Hydrology	9th - 20th Dec 2019	CGWB/NPMU	Raipur	NGWTRI Calender
9	Irrigation Bench-marking	Irrigation benchmarking	December, 2019	NWA	Pune	Proposed (Dates to b confirmed by NWA)
10	River Discharge Estimation Using Non-Contact Hydrometric Techniques	Hydromet Instrumentation	December, 2019	NPMU	IIT Roorkee	Proposed
11	Water Quality Management and Best Laboratory Practices	Water Quality	17-19 Dec, 2019	CPCB	IIPA, Delhi	Proposed
12	Mathematical modelling on GW system	GW modelling	Dcember, 2019	NIH	Lucknow /UP GW	to be decided with NIH
13	Sourface Water Modelling and Reservoir Simulation	SW Modelling	Dcember, 2020	NPMU	IIT Delhi	Dates and topics to be finalised
14	WB Procurement Procedures and Contract management and arbitration under NHP	Procurement	December, 2019	NPMU	NERIWALM	Proposed



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