

I/33381/2020

Government of India  
Central Water Commission  
Training Directorate

No. A-33023/9/2020-TRNG DTE/

Dt: 14.10.2020

**Office Order**

Sanction of the Chairman, CWC, is hereby conveyed in respect of 16 SRAs (**as per attached list**) for their participation in 2-week Mandatory Level-II Training Programme to be conducted in **Distance Learning mode**, through NIH, Roorkee, FRI, Dehradun and Different Water Quality Laboratories of CWC from **16.10.2020 to 30.10.2020**, as per session plan attached.

The Sanction is also conveyed to incur an expenditure of Rs. 46,000/- (Rupees Forty Six Thousand) (**Rs. 30,000/- towards NIH Roorkee, Rs.16,000/- towards FRI, Dehradun**) towards course fee for conducting the above online training during the financial year 2020-21, which is being jointly coordinated by RDC-2 Dte and NWA, Pune. The expenditure is chargeable to the head of account MH: 2701 MI, 80.003.04 HRD/Capacity Building, 04.01 National Water Academy, 04.01.20-OAE (Scheme) of Training Directorate during FY 2020-21.

**(Venkateswarlu E.)  
Dy. Director (Training)**

Copy to:

1. Sr. PPS/PPS to Chairman, CWC, New Delhi.
2. Sr.PPS/PPS to Member RM/WP&P/D&R, CWC, New Delhi.
3. Chief Engineer (HRM), CWC, New Delhi.
4. Chief Engineer, P&DO, CWC, New Delhi
5. Chief Engineer, NWA, Pune.
6. JS (IN-SITU), CWC, New Delhi.
7. All Field Chief Engineers, CWC with a request to ensure that the concerned Officers attend the MCTP during the scheduled period of training.
8. Director, Coordination, RM, CWC, New Delhi.
9. Director, RDC-2 Dte., CWC, New Delhi.
10. Dr. M K Sharma, Scientist-E & OIC, Environmental Hydrology Division, NIH, Roorkee, Uttarakhand-247667 w.r.t. his letter no. NIH/EHD/WQL dated 09/10/2020. Further, it is requested that the bill may be submitted with bank account details for processing for e-payment.
11. Dr. Y C Tripathi, Sr. Scientist and Head, Chemistry and Bioprospecting Division, Forest Research Institute, Dehradun, Uttarakhand-248006 (email: tripathiyc@gmail.com) with reference to his email dated 06/10/2020 addressed to Director, RDC-II Dte, CWC, New Delhi. Further, it is requested that the bill may be submitted with bank account details for processing for e-payment.
12. Shri S P Singh, Dy. Director, NWA and Programme Coordinator (Mandatory Level-II Training Programme), Sinhgad Road, Khadakwasla, Pune, Maharashtra-411024.
13. US, Estt-XI, CWC, New Delhi.
14. Officers concerned. In case of any training related issue, they may contact

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Shri S.P. Singh, Dy. Director, NWA and Programme Coordinator (Mobile No: 09718936741). They are requested to submit a feedback report after completion of the programme.

15. Stenographer, Training Dte., CWC, New Delhi to upload this order on CWC website.

# Mandatory Training Program for SRAs (2 weeks)

## Session Plan

### List of 16 no. of SRAs proposed for the Level-II Training Program.

S. No	Name	Place of Posting	Mobile No.	Email ID
1	Shri. Bijoy Kumar Deka	MBD, Guwahati	6002417660	bijoydeka9@gmail.com
2	Shri. Maneesh T. P	SRD, Coimbatore	9388153575	<a href="mailto:tpmaneesh@gmail.com">tpmaneesh@gmail.com</a>
3	Shri. Ravindra Naik	UGD, Hyderabad	8121108072	ravindra.maale28@gmail.com
4	Ms. Mallula Rupavathi	UGD, Hyderabad	9912864555	rupavathi-cwc@gov.in
5	Shri. Prasanth Yentapalli	UGD, Hyderabad	9966708094	prasanth.yentapalli@gmail.com
6	Shri. Karnakar Kollipaka	UGD, Hyderabad	9951034524	kk181987@gmail.com
7	Shri. Amit Burud	UKD, Pune	8983568305	burudamit@gmail.com
8	Dr. Neeru Tiwari	UYD, New Delhi	6260997224	neerutiwari7@gmail.com
9	Dr. Kamalneeth Kaur	UYD, New Delhi	9466739344	kamalneetkaur05@gmail.com
10	Shri. Nitish Kumar Singh	UYD, New Delhi	8506028739	nkscwc@gmail.com
11	Shri. Shashi Kant Meena	LYD, Agra	9634794045	shashikantmeena168@gmail.com
12	Shri. Ashutosh Tripathi	UYD, New Delhi	7275975582	ashutosh.gonda44@gmail.com
13	Shri. Vasu Dhanavath	LYD, Agra	9182714422	vasudhanavath@gmail.com
14	Dr. Neradabilli Prabhakar Rao	RDC2 Dte., New Delhi	9951151633	nprabha.chem@gmail.com
15	Dr. Sakshi Sharma	RDC2 Dte., New Delhi	9540261126	sakshi669@gmail.com
16	Shri. Anup Kumar Sharma	Mahanadi Division, Burla	9415799411	anupkbhu@gmail.com

# Mandatory Training Program for SRAs (2 weeks)

## Session Plan

**16/10/2020 (A.N): Inaugural Session (Virtually)**

To be organized by NWA, Pune

### Guests:

1. Chairman, Central Water Commission, New Delhi.
2. Member (RM), Central Water Commission, New Delhi.
3. Director, NIH, Roorkee.
4. Chief Engineer, NWA, Pune.
5. Chief Engineer (P&DO), Central Water Commission, New Delhi.
6. Chief Engineer, YBO, Central Water Commission, New Delhi.
7. Superintending Engineer (HOC), CWC, Vaishali, Ghaziabad.
8. Dr. Y. C. Tripathi, Head, Chemistry and Bio-prospecting Division, FRI, Dehradun.
9. Dr. M. K. Sharma, Scientist E, NIH, Roorkee.
10. Executive Engineer, Upper Yamuna Division, CWC, New Delhi.
11. Director, RDC2 Dte, CWC, New Delhi.

### Tentative Schedule for online training program

Day	Tentative Date	Time (hrs)	Topic	Institute	Faculty
Day 1	19/10/2020	10.00 – 11.15	Water Quality Monitoring and Assessment	NIH, Roorkee	RS
Day 1	19/10/2020	11.30 – 12.45	Introduction to AAS Technique, Basic Principle, its applications and Uses in Various Fields	NIH, Roorkee	MKS
Day 1	19/10/2020	14.00 – 17.30	Sample preparation and Hands-on practice on AAS for determination of heavy metals in water samples	NRWQL, CWC, New Delhi	AS & RK
Day 2	20/10/2020	10.00 – 11.15	Gas Chromatography-Mass Spectrometry (GC-MS): Working Principle and Analytical Applications, Sample Preparation	NIH, Roorkee	MKS
Day 2	20/10/2020	14.00 – 17.30	Hands-on practice on GC, Injection of Sample, Interpretation of Data	FRI, Dehradun	YCT & VKV
Day 3	21/10/2020	10.00 – 11.15	TOC Analyzer: Principle, methods and Its Applications	NIH, Roorkee	MKS
Day 3	21/10/2020	14.00 – 17.30	Hands-on practice on TOC analyzer for analysis of water sample	NIH, Roorkee	MKS, BS, RKG, SK
Day 4	22/10/2020	10.00 – 11.15	Ion Chromatograph: Principle and Its Applications, sample preparation	NIH, Roorkee	MKS
Day 4	22/10/2020	14.00 – 17.30	Hands-on practice on Ion Chromatograph for analysis of water sample	NIH, Roorkee	MKS, BP, PP, SK
Day 5	23/10/2020	10.00 – 12.30	Introduction to NABL and ISO 17025: 2017, Laboratory Quality Management and Internal	CWC	SKS

## Mandatory Training Program for SRAs (2 weeks)

### Session Plan

			Audit as per IS/ISO 17025.		
Day 5	23/10/2020	14.30 – 17.00	Laboratory Technical Management System as per IS/ISO 17025: 2017, NABL Accreditation process and requirement.	CWC	SKS
Day 6	26/10/2020	F.N & A. N	River Water Samples analysis demonstration on AAS for determination of heavy metals.	NRWQL, CWC, New Delhi.	AS & RK
Day 7	27/10/2020	F.N	Case study on NABL accreditation of CDWQL, Jammu.	CWC	NKB
Day 8	28/10/2020	F.N	Case study on NABL accreditation of WDWQL, Nagpur.	CWC	SKS
Day 9	29/10/2020	F.N	Case study on conversion from ISO/IEC 17025: 2005 to ISO/IEC 17025: 2017 of NRWQL, New Delhi.	CWC	AS & RK
Day 10	30/10/2020	11.00 to 11.45	<p>Valedictory Program To be organized by NWA, Pune</p> <p><b>Guests:</b></p> <ol style="list-style-type: none"> <li>1. Member (RM), Central Water Commission, New Delhi.</li> <li>2. Director, NIH, Roorkee.</li> <li>3. Chief Engineer, NWA, Pune.</li> <li>4. Chief Engineer (P&amp;DO), Central Water Commission, New Delhi.</li> <li>5. Chief Engineer, YBO, Central Water Commission, New Delhi.</li> <li>6. Superintending Engineer (HOC), CWC, Vaishali, Ghaziabad.</li> <li>7. Dr. Y. C. Tripathi, Head, Chemistry and Bio-prospecting Division, FRI, Dehradun.</li> <li>8. Dr. M. K. Sharma, Scientist E, NIH, Roorkee.</li> <li>9. Executive Engineer, Upper Yamuna Division, CWC, New Delhi</li> <li>10. Director, RDC2 Dte., CWC, New Delhi.</li> </ol>		

MKS: M. K. Sharma, RS – Rajesh Singh, BS: Babita Sharma, BP – Beena Prasad, RKG – R. K. Goyal, SK – Subash Kichloo, PP – Parul Prajapati, YCT – Y. C. Tripathy, VKV – V. K. Varshney, SKS – Sandeep Kumar Shukla, AS – Aditya Sarin, NKB – N. K. Bhuyan, RK – Rajesh Kumar