



JALANSH



The Monthly Newsletter of Central Water Commission



Message

R.K. Jain
Chairman, CWC

Govt. of India is committed towards full utilization of waters of Eastern Rivers under Indus Waters Treaty. Accordingly, to fast-track implementation of Ujh Multipurpose (National) Project in Jammu & Kashmir, a meeting was held jointly by Dr. Jitendra Singh, Union Minister of State (Independent Charge) Development of North-Eastern Region, MoS PMO, Personnel, Public Grievances & Pensions, Atomic Energy and Space and Shri Rattan Lal Kataria, Union Minister of State for Jal Shakti and Social Justice & Empowerment on 03.02.2020.

CWC is in the process of formulation of Policy for management of sediment in the rivers and reservoirs in the country. Shri Gajendra Singh Shekhawat, Hon'ble Minister of Jal Shakti held a meeting on 10.02.2020 with senior officials of DoWR, RD & GR and CWC to review the draft of the Sediment Management Policy and gave various suggestions during the meeting. The draft of the Policy is being revised accordingly.

The first meeting of the committee constituted by DoWR, RD&GR for "Study on the issue of flood and siltation in River Ganga due to Farakka Barrage in the State of Bihar" was held under my chairmanship at CWC, New Delhi on 20.02.2020. The Committee finalized the Term of Reference for the study to be carried out by a Consultant under NHP.

In order to resolve the dispute between the States of Bihar and Jharkhand on the issue of diversion of water from Tilaiya reservoir to Harohar sub-basin

of Ganga basin under Tilaiya Dhadhar Diversion Scheme, a Negotiation Committee headed by Chairman, CWC has been constituted by the Ministry. 1st meeting of the Committee was held on 13.02.2020 during which detailed deliberations were held on various aspects of the dispute and possible grounds for resolution.

Similar negotiation committee has also been constituted by the Ministry on Pennaiyar River Water Dispute between the States of Tamil Nadu and Karnataka. The 1st meeting of this Committee was held on 24.02.2020. Both the Committees have been constituted in accordance with the Inter-State River Water Disputes Act, 1956.

Meeting of Water Ministers of BRICS countries is being planned to be held in India in the near future. After preliminary discussions in this regard with me, a detailed meeting was held under the chairmanship of Shri S.K. Haldar, Member (WP&P), CWC on 24.02.2020 at New Delhi to decide the theme and agenda of this meeting. The main theme of this meeting has been tentatively decided as "Knowledge sharing, inclusive growth and Sustainable Water Resources Management - Meeting 21st Century Challenges".

I felt very happy to witness the active participation and sharing of experience in the water sector by many officers of Central Water Commission at first Roorkee Water Conclave 2020, an international conference jointly organized by IIT- Roorkee and NIH Roorkee during 26 - 28th February 2020 at Roorkee. The event is planned to be held bi-annually.

During the end of February 2020, CWC design team visited Krishnarajasagar dam, Karnataka, which is more than 100 years old. This visit was made to inspect various dam gates and their hoisting arrangement which are to be replaced as per design consultancy to be provided by CWC under the provisions of DRIP.

It was my pleasure to welcome forty-four CWES Group-A officers at CWC-HQ, New Delhi after completion of their 24-week long Induction Training Program organized at National Water Academy, Pune. I closely interacted with these young officers at their Valedictory function which was held on 10.02.2020 at CWC (HQ), New Delhi. I wish them a very successful and happy future.

Dr. B. R. Ambedkar

Central Water Commission (erstwhile Central Waterways, Irrigation and Navigation Commission) was established on 05.04.1945

Dr. B.R.Ambedkar not only raised the concept and argued for the necessity of having such a technical body at the Centre but also laid down its objectives, organisational structure and programme

The final proposal for establishment of CWINC was prepared by the then Department of Labour with the help of Rai Bahadur A.N. Khosla, Consulting Engineer to the Govt. of India for Waterways, Irrigation and Navigation

Dr. A.N.Khosla was subsequently appointed as founder Chairman of the CWINC



75 Years
of
Central Water Commission



Dr. B. R. Ambedkar
Member(Labour)
Viceroy's Executive Council
(1942-46)

"I visualize that the growth of this body in course of time, into a very big organisation with its activities spread over the entire length and breadth of India, and its assistance and advice eagerly sought by all provinces & states, to the end that the natural resources of any region may be exploited for maximum benefit and unified development"

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Meeting by Hon'ble Union Minister of Jal Shakti to have a Revised Sediment Management Policy for Indian rivers

Shri Gajendra Singh Shekhawat, Hon'ble Minister of Jal Shakti held a meeting on 10.02.2020 with senior officials of DoWR, RD & GR and CWC to review the draft of the Sediment Management Policy and gave various suggestions during the meeting.



Meeting to Fast-track Implementation of Ujh Multipurpose Project

Dr. Jitendra Singh, Union Minister of State (Independent Charge) Development of North-Eastern Region, MoS PMO, Personnel, Public Grievances & Pensions, Atomic Energy and Space and Shri Rattan Lal Kataria, Union Minister of State for Jal Shakti and Social Justice & Empowerment held a meeting jointly on 03.02.2020 to fast track implementation of Ujh Multipurpose (National) Project in Jammu & Kashmir. Secretary, DoWR, RD & GR along with senior officials of Ministry of Jal Shakti, Ministry of Home Affairs, Ministry of Power and officers from Punjab State & UT of J&K participated in the meeting. As per Government's commitment to fast-track utilization of India's rights under Indus Waters Treaty, the project is planned to be constructed in Kathua District of J&K on the River Ujh which is a major tributary of River Ravi. This project will store around 781 Million Cubic Meter of waters of river Ujh. After construction of the project, utilization of waters of Eastern Rivers allotted to India as per the Indus Water Treaty would be enhanced by utilizing the flow that presently goes across border unutilized. The DPR of the project costing about Rs. 5850 crore has already been accepted by Advisory Committee of DoWR, RD & GR, Ministry of Jal in January, 2019 envisaging consumptive utilization of 248 MCM, still leaving a large amount of water unutilized. Efforts are being made to enhance the utilization of the water of Ujh by identifying additional command area by J&K officials.



Workshop on Atal Bhujal Yojna

A workshop on Atal Bhujal Yojana (ATAL JAL) was organised by DoWR, RD & GR, Ministry of Jal Shakti on 12.02.2020 to deliberate the way forward for implementation of the scheme. The workshop was presided over by Shri Rattan Lal Kataria, Union Minister of State for Jal Shakti and Social Justice & Empowerment. Officials of the Ministry, participating States, officials of the World Bank and members of leading NGOs participated in the workshop. It was also attended by Shri R.K. Jain, Chairman, Central Water Commission. The workshop held discussions on participatory groundwater management and focused on the preparatory activities for implementation of the scheme.



Meetings of Negotiation Committees for resolution of the water disputes

Govt. of Bihar on 04.01.2018 made an application to the Centre for referring the matter related to Tilaiya Dhadhar Diversion Scheme to a Tribunal under section 3 of Inter-State River Water Disputes (ISRWD) Act, 1956. As per Govt. of Bihar, Tilaiya Dhadhar Diversion Scheme was conceived under the provisions of 1978 inter-State agreement between the States of undivided Bihar and West Bengal which was also approved on 31.05.2000 in the Technical Advisory Committee (TAC) of the Ministry subject to certain conditions. However, Govt. of Jharkhand is not agreeing for diversion of water from Tilaiya reservoir to Harohar sub-basin of Ganga basin on the ground that there has been unprecedented rise in water demand within the State of Jharkhand. DoWR, RD & GR, Ministry of Jal Shakti in accordance with section 4(1) of the ISRWD Act, 1956 constituted the Negotiation Committee (NC) headed by Chairman, CWC on 06.01.2020 for resolution of the dispute on Tilaiya-Dhadhar Diversion Scheme. The first meeting of the negotiation committee was held on 13.02.2020 at CWC HQ in New Delhi.

Similarly, the 1st meeting of Negotiation Committee on dispute related to waters of River Pennaiyar and its tributaries was held on 24.02.2020 under the chairmanship of Chairman, CWC. The dispute is between the States of Tamil Nadu and Karnataka. The officials of Andhra Pradesh and UT of Puducherry, which are the other basin States, also participated in the meeting.



NC Meeting dated 13.02.2020

Roorkee Water Conclave-2020

First Roorkee Water Conclave (RWC) - 2020, an international conference envisaged to be held bi-annually was jointly organized by Indian Institute of Technology, Roorkee and National Institute of Hydrology, Roorkee during 26 - 28th February 2020. The theme of RWC-2020 was "Hydrological Aspects of Climate Change" with focus on issues related to climate change, global challenges, the demand for energy, freshwater & food etc.



Shri R. K. Jain, Chairman, CWC was the Chief Guest of the inaugural event of the RWC-2020. Addressing the gathering, he laid emphasis on formulating new mechanisms to address the impact of global warming on water resources. He also delivered keynote address during the conclave on overview of water resources management in the country.

Eminent experts from International & National Universities/Institutes, Research Institutions, Government Organizations, Planners & Decision Makers, Field Personnel, Consultants, Multilateral & Bilateral International Organizations participated in the Conclave. Shri U P Singh, Secretary, DoWR, RD & GR, Ministry of Jal Shakti was the Chief Guest of the valedictory function of the Conclave. Officers of Central Water Commission actively participated in the conclave and shared their experience in water sector through various presentations as given in table:

1.	Probability Based Rule Levels for Kerala Reservoirs	Shri Rishi Srivastava, Director
2.	Surface Water and Ground Water interaction & its Conjunctive use in India context	Shri Goverdhan Prasad, Director
3.	Advanced Hydrological and Hydro-meteorological Instruments	Shri Rajesh Kumar, Director
4.	Floodplain Zoning	Shri Mohd. Faiz Syed, Deputy Director
5.	Enhancing Water Use Efficiency	Shri Arjesh Madhok, Deputy Director
6.	Space Technology in Assessment of Loss in Live Storage Capacity of Reservoir	Mrs. Karishma Bhatnagar Malhotra, Deputy Director
7.	A Seismic Hazard Assessment Information tool	Shri Satyam Aggarwal, Deputy Director
8.	Hydraulic Transient Studies for Restoration of Downstream Surge Gallery of Punatsangchu-II Hydroelectric Project (1020 MW), Bhutan	Shri Amit Gupta, Assistant Director

1st meeting of committee on the issue of flood and siltation in River Ganga due to Farakka Barrage in the State of Bihar

A committee under Chairman, CWC comprising Commissioner (FM), DoWR, RD & GR; Chief Engineer (HSO), CWC; Director, NIH, Representative of Government of Bihar and Director (Finance) as members has been constituted by DoWR, RD & GR, Ministry of Jal Shakti to study the issue of flood and siltation in River Ganga due to Farakka Barrage in the State of Bihar.

The first meeting of the committee was held on 20.02.2020 at CWC HQs in New Delhi. Detailed discussions on the Draft Terms of Reference (ToR) for the study proposed to be carried out through a Consultant were held. The Committee after detailed deliberations finalized the ToR for the study. The study is likely to be completed within 12 months time period.

Meeting of Water Ministers of BRICS Countries in India

A meeting under the chairmanship of Shri S.K. Haldar, Member (WP&P), CWC was held on 24.02.2020 at New Delhi to work out the theme and agenda for organizing the BRICS Water Ministers meeting in India. Shri P Harish, A.S.(MER), MEA; Shri Bhopal Singh, DG,NWDA & officers from DoDW&S, CGWB, NWDA & MEA participated in the meeting. Theme of BRICS Water Ministers meeting has been decided in the meeting as:

A. Main Theme "Knowledge sharing, inclusive growth and Sustainable Water Resources Management - Meeting 21st Century Challenges"

B. Sub-themes:

- Technological innovations in Water Management,
- River Rejuvenation and E - flows,
- Mitigating Climate Change Impacts- Challenges and Opportunities,
- Addressing the Water, Food and Energy Security.

In the meeting, it was suggested to organize BRICS Water Ministers meeting along with an international event- Jal Jeevan Mission Programme to be organized by DoDW&S during October 2020. For deciding further modalities for holding BRICS event as side event of DoDW&S event, MER division of Ministry of External Affairs will hold an inter-ministerial meeting.



CWC Officers Visit to Arjun Sahayak Pariyojana (Kabrai Dam)

CWC design team consisting Shri A K Jain, Director, Shri Randhir Chaudhary, Dy. Director, and Shri Annepu Praveen, Dy. Director visited Arjun Sahayak Pariyojana (Kabrai Dam), Mahoba District, Uttar Pradesh on 28.02.2020.

This field visit was carried out for inspection of ongoing construction activity of earthen dam with concrete spillway and identification of suitable location for placement of head regulator/sluice outlet within dam body.



Meeting to discuss Seismic Hazard Assessment Information System

A meeting under the chairmanship of Chairman, CWC to discuss the progress of Seismic Hazard Assessment Information System (SHAISYS) developed by IIT Roorkee and CWPRS, Pune was held on 04.02.2020 at CWC HQs in New Delhi.



Review Meeting on West Bengal Major Irrigation and Flood Management Project

A review meeting on West Bengal Major Irrigation and Flood Management Project proposed for External Assistance of the World Bank & Asian Infrastructure Investment Bank (AIIB) was held on 26.02.2020 under the chairmanship of Shri S.K. Halder, Member (WP&P), CWC. Mr. Ijsbrand Harkode Jong, Leader Water Resources from World Bank side and Shri Vijai Saran, Chief Engineer (IMO), Shri G.K. Agarwal, Chief Engineer (PAO), Shri Anant Gupta, Director (EA) and Shri Kiran Pramanik, Director (PA), from CWC side attended the aforesaid meeting.

External assistance flows to the country in various forms; as multilateral or bilateral aid, loan, grants and commodity aid from various foreign countries and other donor agencies such as World Bank, Japan Bank of International Cooperation (JBIC) and Asian Development Bank (ADB). The Ministry of Jal Shakti and its organizations assist the State Governments in tying up the external assistance from different funding agencies to fill up the resources gaps, both in terms of funds and technological update for rapid development of country's water resources.



Department of Economic Affairs (DEA), GoI act as nodal agency for such type of projects. CWC, being a technical wing of the DoWR, RD&GR, MoJS, examines water sector proposals, submitted by State Govt for External Assistance.

4th meeting of Drafting Committee on ISRWD Rules

The Fourth meeting of the Committee constituted for framing the Draft Rules by amending the existing Inter-State River Water Disputes Rules, 1959 was held under the Chairmanship of Member (WP&P), CWC on 07.02.2020 at CWC, HQ, New Delhi. Modified Draft Rules were discussed in detail and it was decided to add certain points related to

(i) Panel for appointment of Chairperson, Vice-Chairperson, Members, Assessors and administrative officer;

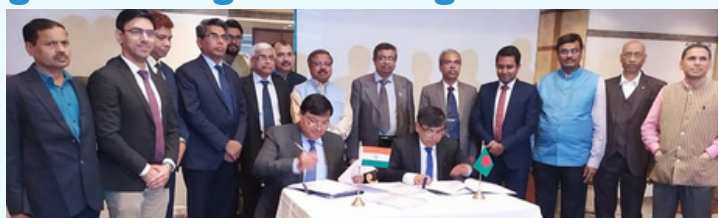
(ii) Protocol of transfer of records; and

(iii) existing negotiation committees to act as DRC of the Tribunal.

It was also decided to suggest some organizational structure for the Tribunal indicating therein the requirement of officers and staff. The final Draft Rules after incorporating suggestions/views of the Committee Members are likely to be submitted to DoWR, RD&GR shortly.

India Bangladesh Joint Committee Meeting on sharing of the Ganges waters

The Bangladesh delegation visited India during 24-28th February, 2020 for the 73rd & 74th meeting of the India-Bangladesh Joint Committee on sharing of the Ganges waters at Kolkata as well as visit to joint discharge measurement site at Farakka, India. The Indian delegation was headed by Shri Atul Jain, Commissioner (FM), DoWR, RD&GR. From CWC, Shri Rajat Sharma, Dy. Director, Hydrology (NE) Dte participated in the meeting of the two sides at Kolkata and the joint observation of discharge at Farakka.



18th meeting of Dams and Spillways Sectional Committee WRD 09 of BIS

The 18th meeting of Dams and Spillways Sectional Committee WRD 09 of BIS was held under the chairmanship of Shri. T.K. Sivarajan, Chief Engineer, CWC on 12.02.2020 at Bureau of Indian Standard (BIS), Manak Bhawan, New Delhi. The meeting was attended by members from various organizations such as State engineering departments, Research institutes, IITs, PSU's, Private firms and CWC.

Discussion on multiple agenda points on draft documents for Colgrout Masonry in Dams – Code of Practice, Junction of Earth Dam with Spillways, NOF and Outlets- Guidelines were made and finalized. The

committee also discussed various aspects of under preparation draft documents such as Criteria for Estimation of Aeration Demand for Spillways and Outlet Structures (first revision of IS 12804), Recommendations for hydraulic design of high ogee overflow spillways (Second Revision of IS 6934) and also deliberated new subjects such as Tunnel & Shaft spillways, Dam Break Analysis, Hydraulic Design of Stepped Spillways, Design and construction of Roller Compacted Concrete (RCC) Dams, and Concrete faced Rock fill Dams (CFRD) for its exploration.

The committee also encouraged its members to explore various areas which can be considered for preparation of standards in future.

Inter-Ministerial meeting to review ongoing HEPs in Bhutan

An Inter-Ministerial meeting was taken by Foreign Secretary, Government of India on 13.02.2020 to discuss the status of construction of Punatsangchhu –I HEP (1200 MW), Puntasangchhu-II HEP (1020 MW) and

Mangdechhu HEP (720MW) in Bhutan. Dr. R.K. Gupta, Member (D&R), and Shri Vivek Tripathi, Director from CWC attended the meeting.

Dam Rehabilitation and Improvement Project (DRIP)

DRIP-II Preparation Workshop under the chairmanship of Dr. R.K. Gupta, Member (D&R), CWC was held on 25.02.2020 at Shangri-la Eros Hotel, New Delhi to discuss the status of preparatory activities by different partner agencies and issues concerning the same. The workshop was attended by senior officials from the World Bank, implementing agencies of DRIP Phase II & Phase III and CWC.



DRIP-II Preparation Workshop

One day Emergency Action Plan (EAP) Stakeholders' Consultation meeting was organized on 18.02.2020 at Balaghat district in Madhya Pradesh where EAPs pertaining to Kharadi Dam, Moorumnalla Dam, Nahlersara Dam and Sarathi Dam were presented. Representatives from CWC, NDMA, SDMA, IMD, NRSC, GSI, Dam Owner's and Districts' Authority, villagers in the downstream of the dam participated in the workshop.



Stakeholders' Consultation meeting for EAP

Har Kaam Desh Ke Naam

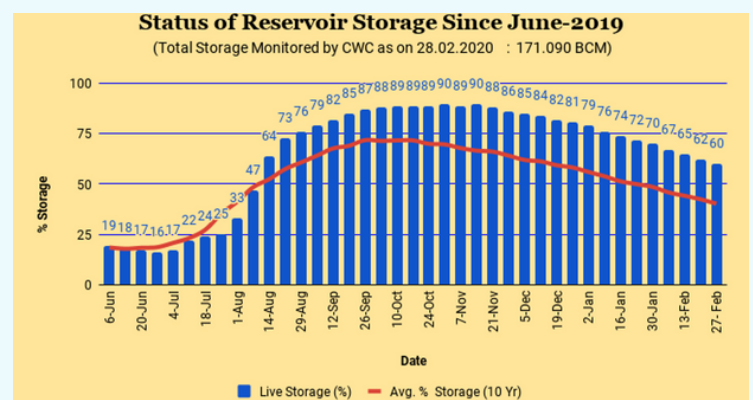
During February 2020, Govt. of India launched a campaign namely Har Kaam Desh Ke Naam in which all Ministries were to prepare material for public outreach. CWC, HQ and its regional offices also participated in this activity and short videos and publicity material were prepared and shared through various dissemination platforms including Social Media.



Reservoir Monitoring

Central Water Commission is monitoring live storage status of 123 reservoirs of the country on a weekly basis and is issuing a bulletin on every Thursday. The total live storage capacity of these 123 reservoirs is 171.090 BCM which is about 66.36% of the live storage capacity of 257.812 BCM which is estimated to have been created in the country.

As per reservoir storage bulletin dated 27.02.2020, live storage available in these reservoirs is 101.873BCM, which is 60% of the total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was 65.15 BCM and the average of the last 10 years live storage was 68.37 BCM. Thus, the live storage available in these reservoirs is 156% of the live storage of corresponding period of last year and 149% of storage of average of the last ten years.



Land Slide in Aizawl & provision of Temporary shelter by CWC to affected families

Land Cracks had developed due to excavation of land at Zemabawk just 200 meter away from CWC Complex, Jalshaktipuram, Zemabawk, Aizawl. Due to the developed cracks, the area became vulnerable and prone to landslide. District Commissioner being Chairman of Aizawl District Disaster Management Authority approached Executive Engineer, NEID-II, CWC Aizawl for providing temporary shelters to 10 families in CWC complex on the humanitarian ground on 27.01.2020. CWC, Aizawl office has provided temporary Shelter to 10 (ten) families affected by land cracks which finally resulted in landslide and damage to houses on 02.02.2020 in Zemabawk. By providing shelter to affected families timely, CWC played a major role in rescuing and saving the lives of people.



Site Visits

1. Chairman CWC visit to sites under HGD, Dehradun

CWC is maintaining a network of more than 1600 hydro-met observation sites across the country. Quality of data collected at these sites are important and proper monitoring protocol is followed to ensure this. In this context, Shri R.K. Jain, Chairman, CWC visited various sites viz. Dasni, Raysi and Shukratal under Himalayan Ganga Division, CWC, Dehradun on 27th Feb 2020.



Chairman, CWC visit to sites under HGD Dehradun

2. Member (WP&P), CWC visit to Eastern Kosi Canal Project

A team of CWC officials led by Shri S.K. Haldar, Member (WP&P), along with Shri Amrendra Kumar Singh, Chief Engineer (EMO) and Shri Amit Mittal, Deputy Director visited the Eastern Kosi Canal Project during 18-20th February, 2020 to verify the ground realities of the Post Project Environmental (including social) study of the Project. During the visit, CWC team interacted with officials of Water Resources Department, Govt. of Bihar.

The objective of the Post Project Environmental study is to assess both the favourable and unfavourable environmental and social impacts of Water Resources Projects and to formulate environmental plans to mitigate the unfavourable impacts to the extent possible.



Member (WP&P) , CWC visit of Eastern Kosi Canal Project

3. Member (RM) visit to Brahmaputra Basin

Shri R. K. Sinha, Member (RM), CWC inspected various hydrological observation stations and Snow gauge station in Arunachal Pradesh and Upper Assam during 19th – 22nd February, 2020 along with concerned Executive Engineers of UBD, Dibrugarh and NEID-III, Itanagar.

The inspection was carried out in three sites on river Siyum, two sites on river Siang and one site on river Dibang in Arunachal Pradesh and & one site on river Lohit in Assam. He also visited Snow Gauge and Meteorological Station at Mechuka in Arunachal Pradesh.



Member (RM) , CWC at Mechuka in Arunachal Pradesh

4-Inspection visit to Krishnarajasagara Dam, Karnataka

A team from D&R Wing, CWC comprising Shri M. Lal, Chief Engineer, Shri Harkesh Kumar, Director, Shri Kayum Mohammad, Director and Shri Aditya Mishra, Dy. Director visited Krishnarajasagara(KRS) dam, Karnataka from 27.02.2020 to 01.03.2020.

The team visited dam site to investigate the suitability of Gates & its Embedded Parts and their hoisting mechanism in context of proposed replacement of 136 Gates and 2 no of Cranes by 136 new gates and provision of 136 Skid Mounted Compact Hoists at different locations and problems associated with the hydro-mechanical equipments' installation. Officers from Karnataka Water Resources Department also accompanied during the site visit.

KRS dam, located in Srirangapatna taluk of Mandya district of Karnataka on river Cauvery channelizes water into canal systems on left & right banks for meeting irrigation requirements and for recreational facilities at Brindavan Garden; developed at dam toe. The dam is situated below the confluence of river Cauvery with Hemavathi & Laxmanathirtha rivers.



The total length of dam is 2.6 kms and is built of stone masonry with surkhi mortar as binding material. The construction of dam was completed in 1932 and has been operating since then.

Meeting on Polavaram Irrigation Project

A meeting between CWC officers from Design (NW&S) unit and Prof. G. V. Ramana, IIT Delhi was held on 26.02.2020 in CWC, New Delhi to discuss some of the design issues on Polavaram Irrigation Project, Andhra Pradesh. Very fruitful discussion took place regarding the ground improvement techniques being used at Polavaram and it was agreed that the challenging foundation will require the use of stone columns and deep soil mixing techniques.

115th meeting of TAC of Farakka Barrage

The 115th meeting of Technical advisory committee (TAC) of Farakka Barrage Project under the chairmanship of Dr. R.K. Gupta, Member (D&R), CWC was held during 20th-21st February, 2020 at Farakka. The meeting



was attended by the officers of various organizations like CWC, IWAI, Kolkata port trust, WRD-Bihar, WRD-Bengal, NTPC-Farakka etc., to discuss various design issues and their solutions.

Completion of 31st ITP for CWES Group A Officers

Valedictory Session of 31st Induction Training Programme (ITP) for Central Water Engineering Service (CWES) Group A Officers was held on 10.02.2020 at CWC, HQ, New Delhi. Chairman, CWC and other senior officers graced the occasion. Total 44 newly joined officers participated in

24-week long ITP which started on 19.08.2019 and included two-week Bharat Darshan Component. Prizes and completion certificates were distributed to trainee officers on this occasion.



Shri R. K. Jain, Chairman, CWC addressing the Trainee officers



Shri Tarun Singh, AD (1st Prize)



Shri Abuzar Gaffari, AD (2nd Prize)



Shri Bandla Hemaditya, AD (Joint 3rd Prize)



Shri Madhukant Goyal, AD (Joint 3rd Prize)



Ms. Lovy Agarwal, AD (Joint Consolation Prize)



Shri Dharmendra Chauhan, AD (Joint Consolation Prize)

Other Training Activities

(i) Krishna & Co-ordination Circle, CWC, Hyderabad conducted a training program on Hydrological Observations, Water Quality, Telemetry System & e-SWIS during 11-14th February 2020 at training hall, KGBO, Hyderabad. The training program was inaugurated by Shri M.K. Srinivas, Chief Engineer. Shri P. Devender Rao, Superintending Engineer also attended the inaugural function. The above training was provided by officers of Krishna & Godavari Basin Organisation to 25 staff comprising Skilled Work Assistants, MTS and Outsourced Supervisor/Research Assistant who are involved in Hydrological Observations.



Training on Hydrological Observations, Water Quality, Telemetry System & e-SWIS in KGBO



Lecture on design aspects of "Integrated Pipe Irrigation Network and Micro Irrigation"

(ii) Chief Engineer Design (E&NE), CWC delivered a lecture on design aspects of "Integrated Pipe Irrigation Network and Micro Irrigation" at Jaipur (Rajasthan) on 14.02.2020. The training program was organized by Central Board of Irrigation and Power (CBIP) exclusively for the engineers of Water Resources Department, Government of Rajasthan.



Training on FLAC 2D & 3D Design software

(iii) Training on FLAC 2D & 3D Design software was organised by CWC, in Sewa Bhawan during 03rd-05th February and 10-12th February, 2020. It was attended by officials of D&R wing, CWC. The training was aimed at advanced geotechnical analysis of soil, rock, groundwater and ground support in two dimension and three dimension models.

Water Sector in News

- Rs. 21518 cr for potable water sanitation (The Tribune 02.02.2020)
- Govt seeks views before curbing use of RO purifiers (Times of India 04.02.2020)
- 'Reports that India trying to breach Indus Water Treaty false and far from reality' (Millennium Post 06.02.2020)
- Centre: State overexploiting groundwater resources (The Tribune 13.02.2020)
- Jal shakti minister chairs fifth ETF meeting of NMCG on River Ganga (Mail Today 14.02.2020)

- Just 60% Pb groundwater fit for use (The Tribune 18.02.2020)
- Solarise irrigation to conserve groundwater (Financial Express 19.02.2020)
- Roorkee Water Conclave to focus on climate change impact (The States Man 26.02.2020)
- Punjab will not share river water even if we have to sacrifice our lives (Millennium Post 27.02.2020)
- U.P. pollution control body pulled up for Ganga's plight (The Hindu 28.02.2020)

Around the States

The Punjab Government has issued a notification on the Punjab Water Resources (Management and Regulation) Act, 2020, paving the way for the constitution of the Punjab Water Regulation and Development Authority.

CBIP Awards



CBIP Award to D&R Wing, CWC

D&R Wing of CWC received the Central Board of Irrigation and Power (CBIP) award for Excellence in Handling Design Challenges.

In addition to above, Central Project Management Unit, CWC received CBIP Award 2020 for Excellence in Implementation of Dam Rehabilitation and Improvement Project (DRIP). These awards were given by Shri Rattan Lal Kataria, Union Minister of State for Jal Shakti and Social Justice & Empowerment in an event held at Convention Centre, Lodhi Road, New Delhi on 19.02.2020.



CBIP Award to D&R Wing, CWC



CBIP Award to CPMU, CWC for DRIP

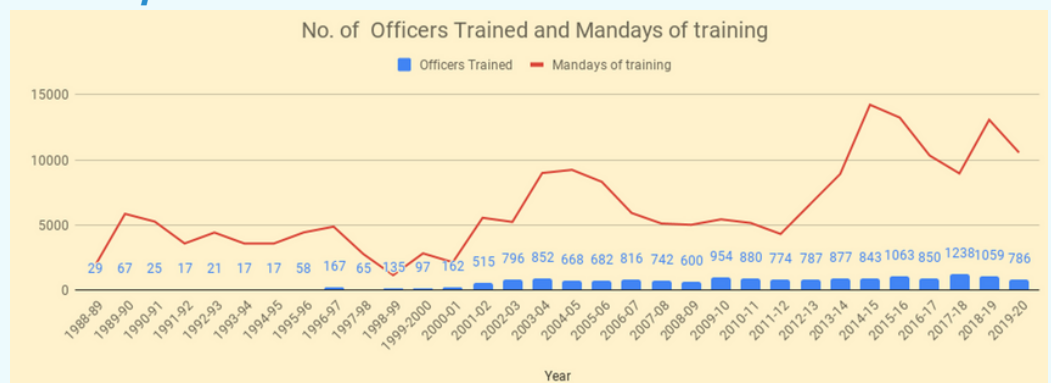


CBIP Award to CPMU, CWC

History- National Water Academy

National Water Academy (formerly known as Central Training Unit) at Pune was set up in Central Water Commission in the year 1988, to impart training to the in-service engineers of various Central/State organizations involved in the Development & Management of Water Resources.

From only one/two programs in CTU, NWA is now offering about 35 programs in the wide spectrum of topics related to the water sector and providing more than 10000 man-days of training annually. The NWA started conducting International Distance Learning (DL) Programs from March 2012. The World Meteorological Organization (WMO) supported NWA by providing Training to NWA faculty, MOODLE platform for hosting DL Courses, soliciting and finalization of nominations of international participants in the training courses, collaboration with COMET etc. Till date, NWA has conducted twelve such courses.



Old Photo of CTU



Current NWA



Central Water Commission

An attached office of Dept. of Water Resources,
River Development and Ganga Rejuvenation,
Ministry of Jal Shakti, Govt. of India

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