

BIO-DATA

1.	Name	:	NEERAJ KUMAR MANGLIK
2.	Designation with Organization	:	CHIEF ENGINEER, NWDA
3.	Date of Birth	:	05.11.1971
4.	Pay Band and Grade Pay	:	193800/- (Level-14)
5.	Service to which belong/Rank	:	CWES-1993 batch
6.	Qualifications/Experience/Achievements	:	M. TECH (Computer Aided Design) B.Sc. ENGG. (CIVIL)

PROFESSIONAL EXPERIENCE

SN.	Post & Pay scale Held	Organization	Brief Description of Job	Date		Remarks
				From	To	
1.	Chief Engineer Level-14	NWDA		03.02.2025	Till Date	On deputation
2.	Chief Engineer, Monitoring Central, Nagpur CWC Level-14	Central Water Commission	<ul style="list-style-type: none"> ➤ Monitoring of 28 major and medium Irrigation projects under PMKSY of Maharashtra state. ➤ Monitoring of 8 major and medium Irrigation projects and 83 SMI schemes under Special Package of Maharashtra state. ➤ Appraisal of Medium Irrigation Project. ➤ Supervision of collection of Hydrological Observation Data from 64 sites and 	17 th April, 2023	02.02.2025	On Regular Basis

			<p>preparation of various year books.</p> <ul style="list-style-type: none"> ➤ Supervision of collection of Water Quality data from 31 sites and preparation of year books. ➤ Supervision of flood forecasting activities at 8 locations under the organizations. ➤ Acting as Member, Environmental Issues in Mahadeyi PRAWAH as addition charge. Dealing with all issues related to environment in the basin as and when arises. ➤ Various Administrative works of the Organization including procurement related works. 			
3.	Chief Engineer, CWC Level-14	Central Water Commission	-	01 st March, 2023	16 th April, 2023	On Regular Basis
4.	Director, Monitoring and Appraisal Directorate, Agra Level-14	Central Water Commission	<ul style="list-style-type: none"> ➤ Appraisal of medium Bhaunrat Dam Project. ➤ Monitoring of major Irrigation projects such as Arjun Shahayak Pariyojna and Madhya Ganga Canal Phase-II Project. ➤ Monitoring of SMI schemes of Uttarakhand ➤ Examination of the Proposals received for Central Assistance. ➤ Other Administrative works 	3rdMay, 2021	28 th February, 2023	On Regular Basis
5.	Director, River Data and Compilation-1 Directorate Level -14	Central Water Commission	<ul style="list-style-type: none"> ➤ Dealing with World Bank Assisted National Hydrology Project (NHP) ➤ Overseeing the implementation of Plan scheme Development of Water Resources Information System (DWRIS) which includes Hydrological observation component, Flood Forecasting, Water Quality, Integrated Water Resource Management component and Reservoir Telemetry etc. 	25 th August, 2020	2 nd May, 2021	On Regular Basis

			<ul style="list-style-type: none"> ➤ Overseeing the contract management part of the various studies being carried out under NHP and DWRIS such as Extended Hydrological Prediction in three river basins of India, Sedimentation studies in respect 7 river basin, Integrated Reservoir Operations, Reservoir Sedimentation and Bathymetric survey of reservoirs etc. ➤ Dealing with finalization of specification Hydro-meteorological equipment and its procurement and installation. ➤ Dealing with finalization of specification of Catamarans, boats and Eco sounders, DGPS-RTK etc and its procurement. ➤ Dealing with administrative work of GBWRO cadre and its management. 			
6.	Senior Joint Commissioner, National Hydrology Project Level 14	DoWR, RD & GR	<ul style="list-style-type: none"> ➤ Management, Coordination and implementation of National Hydrology Project assisted by World Bank. ➤ National Hydrology Project is World Bank funded project with total outlay of Rs3680/- crore and involving 49 state and central Implementing agencies. ➤ Involved in preparation of Terms and Reference and RFP documents of various studies and other procurement such as Early Flood Warning system in Ganga Basin including inundation forecast, Decision Support System (Planning & Management) tools, Extended Hydrological Prediction, Sedimentation and Morphological Studies, river cross section survey's, bathymetric and reservoir sedimentation studies, Integrated Reservoir Operations in Ganga Basin, 	12 th August, 2016	24 th August, 2020	On Regular Basis

			<p>Preparation of Aquatic Atlas, installation of telemetry systems, DPR preparations, Integrated Water Resource Management studies, Integrated Reservoir Operation and Water Accounting In Narmada Basin and various Purpose Driven Studies etc.</p> <ul style="list-style-type: none"> ➤ Coordinated and monitored the implementation of various studies as indicated above. ➤ Framed the standardize specifications for various Hydro-meteorological equipment's, survey equipment's, hydro-mechanical equipment's and involved in their procurements. ➤ Preparation and finalization of RFP for ALTM LiDAR survey of Ganga Basin and also involved in the monitoring of survey work. ➤ Preparation and finalization of RFP for Drone survey of various area. ➤ Prepared the specification and tender document for cross section survey of various rivers across the country which includes Ghaghara, Ganga and its tributaries and others. ➤ Prepare the specification and RFP for Decision Support System for Embankment 2Assets Management system in Bihar and UP and monitoring of its implementations. ➤ Examination of Annual Work Plan, Project Implementation Plan, Procurement Plan and release of Grants to various Implementing Agencies. ➤ Revamping and upgradation of Water 			
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			<p>Resource Information System (India-WRIS).</p> <ul style="list-style-type: none"> ➤ Revamping and upgradation of Centralized Data Base Platform i.e. WIMS ➤ Examination of various bid document and proposal received from State Governments ➤ Coordination with World Bank and 49 Implementing agencies of the Project ➤ Administrative and financial matter related to project including participation in various meetings, trainings and workshops. 			
7.	<p>Director, River Data Compilation</p> <p>Level 14 (From October, 2014)</p> <p>Level 13 (From April 2010 to September, 2014)</p>	Central Water Commission	<ul style="list-style-type: none"> ➤ Dealing with World Bank assisted National Hydrology Project ➤ Dealing with World Bank assisted Hydrology Project-II. ➤ Supervision of Development of Surface Water Information System Software, eSWIS. ➤ Management of National Surface Water Data Center. ➤ Overseeing the implementation of Plan scheme Development of Water Resources Information System (DWRIS)- Hydrological observation component. ➤ Monitoring of surface water quality activities throughout the country. ➤ Dealing with finalization of specification Hydro-meteorological equipment and its procurement and installation. ➤ Dealing with finalization of specification of Catamarans, boats and Eco sounders, DGPS-RTK etc and its procurement. ➤ Dealing with administrative work of GBWRO cadre and its management. 	3 rd June, 2013	12 th August, 2016	On Regular Basis

8.	Superintending Engineer, Hydrological Observation Circle, Noida Level 13	Central Water Commission	<ul style="list-style-type: none"> ➤ Dealt with the administrative work of hydrological observation Circles and divisions under its jurisdiction. ➤ Coordination and management of contract for installation of telemetry system under XIth Plan at 222 sites in eight river basins and installation of Earth Receiving Station. ➤ Morphological studies of River Yamuna including longitudinal and cross sectional survey were supervised. ➤ Handled the work of level forecasting at 14 sites and inflow forecasting of Gandhi Sagar reservoir through Mike-11. ➤ Handled the work of modernization of Flood forecasting Network of CWC. ➤ Handled the work of Hydrological observation at 70 sites. ➤ Prepare the basin plan of Yamuna Basin. ➤ Prepare the water accounting manual of upper reaches of Yamuna. ➤ Act as cadre controlling officer for work-charge establishment. ➤ Works related to National Regional Water Quality Laboratory. ➤ Liasoning with state government on various inter- state issues. ➤ Misc. Works 	5 th April, 2010	3 rd June, 2013	On Regular Basis from June 2011 onward. On Adhoc Basis from 5 th April, 2010 to May, 2011.
9.	Deputy Director, Dam Safety Rehabilitation Dte, CWC, N. Delhi Level 12	Central Water Commission	<ul style="list-style-type: none"> ➤ Handled the work of Dam Rehabilitation & Improvement Project (DRIP) funded by World Bank. ➤ Prepared EFC Memo for DRIP project. ➤ Examination of proposal of DRIP participating states. ➤ Prepared the EOI and terms and reference 	16 th March, 2009	5 th April, 2010	On Regular Basis

			<p>for Engineering and Management Consultancy for DRIP.</p> <ul style="list-style-type: none"> ➤ Monitoring works related to Dam Safety and rehabilitation ➤ Misc. Works 			
10.	Deputy Director, Dam Safety Monitoring Dte, CWC, N. Delhi Level 12	Central Water Commission	<ul style="list-style-type: none"> ➤ Handling the work of Dam Rehabilitation & Improvement Project. ➤ Preparation of National Register of Large Dam-2008 ➤ Works related to Environment Social Assessment studies of 10 projects.. ➤ Monitoring works related to Dam Safety ➤ Handling of court cases related to Mulla Periyar ➤ Misc. Works 	1 st June,2008	16 th March, 2009	On Regular Basis
11.	Executive Engineer, Upper Yamuna Division, New Delhi in Yamuna Basin Level 12 since 2005 before that Level 11	Central Water Commission	<ul style="list-style-type: none"> ➤ Dealt with the administrative and financial matters in the capacity of the "Drawing and Disbursing Officer". ➤ Handled the work of the Hydrological Observation at 19 G&D sites in Upper Yamuna Basin. ➤ Handled the work of flood forecasting at four sites. ➤ Installed, maintained and operated 14 nos. Telemetry sites for automatic collection of hydro-meteorological data through satellite. ➤ Carried out the studies on availability of water in NCT delhi. 	10 th June,2004	31 st May, 2008	On Regular Basis
12.	Executive Engineer, Chambal Division, Jaipur in Yamuna Basin	Central Water Commission	<ul style="list-style-type: none"> ➤ Dealt with the administrative and financial matters in the capacity of the "Drawing and Disbursing Officer". ➤ Handled the work of the Hydrological Observation at 20 G&D sites in the Chambal Basin. 	16 th Dec.,2000	10 th June,2004	On Regular Basis/Adhoc Basis

	Level 11		<ul style="list-style-type: none"> ➤ Maintained and operated 20 nos. Telemetry sites for automatic collection of hydro-meteorological data through satellite. ➤ Handled the work of inflow forecasting at Gandhi Sagar Dam and successfully started the inflow forecasting from 2003 monsoon. ➤ Manage Survey work for establishment of five new sites. 			
13.	Deputy Director, Narmada Basin Planning Level 11	Central Water Commission	<ul style="list-style-type: none"> ➤ Analysis, Planning, Layout, Design & preparation of detailed construction drawings for 8x125 MW Power House of Indira Sagar Project. ➤ Associates with various Computer Softwares such as I-DEAS, STAD-Pro, STAAD ETC, C. FORTRAN 77, WINDOWS etc. 	19 th July, 2000	15 th Dec., 2000	On Adhoc Basis
14.	Assistant Director Level 10	Narmada Basin Planning	<ul style="list-style-type: none"> ➤ Analysis, Planning, Layout, Design & preparation of detailed construction drawings for 8x125 MW Power House of Indira Sagar Project. ➤ Associates with various Computer Softwares such as I-DEAS, STAD-Pro, STAAD ETC, C. FORTRAN 77, WINDOWS etc. 	9 th May, 1995	18 th July, 2000	On Regular Basis

Trainings/conferences/seminars/study tours

SN	Topic	Institute	Year
1.	Induction Training	CTU, Pune	1996
2.	Management Development Program	NWA, Pune	2009
3.	Surface Water Data Entry Software (SWDES)	CWC	2007
4.	Vigilance Matter	ISTM	2013
5.	Study Tour for best practices in Water Management in Netherland	Netherland	2015

6.	Study Tour for Waste Water Management and micro irrigation in Israel	Israel	2017
7.	WMO conference	Netherland	2018
8.	Mandatory Career Training Program at Director Level	IIM, Calcutta & NWA, Pune	2022
9.	Mandatory Career Training Program at Chief Engineer Level	IIM Ahemdabad	2023

Reports/Publications

1. Publication/report on Status of trace and toxic metals in rivers of India (2014)
2. Report on hydro-meteorological network under MCO
3. Trend Analysis of Water Quality in 5 major Water Bodies
4. Analysis of Trace and Toxic metals in Wainganga river and its tributaries
5. Trend analysis of Hydro-meteorological data of Wainganga-Pranhita sub-basin
6. Comparative Study of Pipe Distribution Network vs Conventional Conveyance system- A case study of Lower Pedhi Major Irrigation Project, Maharashtra.
7. Report on Irrigation Development in Utrakhand.

(Neeraj Kumar Manglik)