

Complete Biodata						
I. Personal Details						
Name		Dr. Dilip Kumar				
Sex		Male				
Date of Birth		12.08.1983				
Category (Tick Mark \checkmark where applicable)		Gen \checkmark	OBC	SC	ST	PH
Marital Status		Married				
Present Designation		Director(MDU)/Director(Technical)				
Date of Joining (in NWDA)		25.09.2023				
Mother Tongue		Maithili/Mathli				
Indian Languages Known		Hindi				
Foreign Languages Known		English				
II. Details of Educational Qualifications						
Sl. No.	Qualification Institute/University/Place	Subject	Division			
1.	PHD – IIT Guwahati	Civil Engineering	I st			
2.	M.Tech - IIT Guwahati	Civil Engineering	I st			
3.	B.Tech – AU, Allahabad	AG. Engineering	I st			
4.	12 th Science College, Patna	PCMB	I st			
III. Details of Professional Experience						
Sl. No.	Designation	Department/Organization/Place	Period From/To			
1.	Director (MDU)	NWDA, New Delhi	25.09.2023			
2.	Associate Professor	G.B.Pant, Uttarakhand	07.10.2023			
3.	Assistant Professor	G.B.Pant, Uttarakhand	07.10.2011			
4.						
IV. Details of Training/Workshop/Conference Attended						
Sl. No.	Name of Training/Workshop/Conference	Organized by	City	Duration (From/To)		
1.	Two Week Online TEQIP-III FDP on "Experimental and Numerical Methods for Mechanical Engineers (ENMME-2020)"	DoME, G.B. Pant Institute of Engineering and Technology	Pauri-Garhwal, Uttarakhand	17 th Aug to 28 th Aug 2020.		
2.	Two Week Online TEQIP-III FDP on "Soil Structure Interactions and its Applications SSIA-2020)"	DoCE, G.B. Pant Institute of Engineering and Technology	Pauri-Garhwal, Uttarakhand	31 st Aug to 11 th Sep 2020		
3.	One week online International Faculty Development Program on "Block chain and its Application"	DoCE, G.B. Pant Institute of Engineering and Technology	Pauri-Garhwal, Uttarakhand	20 th July to 24 th July 2020		
4.	Two-week online TEQIP-III Faculty Development Program on "Recent Advances and Innovations in Design of Structures (RAIDS-2020)"	DoCE, G.B. Pant Institute of Engineering and Technology	Pauri-Garhwal, Uttarakhand	07 th Dec to 18 th Dec 2020		
5.	Two-week online TEQIP-III Faculty Development Program on "Geo Informatics for Extreme Events 2020 (GEE-2020)"	DoCE, G.B. Pant Institute of Engineering and Technology	Pauri-Garhwal, Uttarakhand	23 rd Nov to 4 th Dec 2020		
6.	One-week TEQIP-III Faculty Development Program on "Recent Development In Civil Engg"	JEC, Jorhat	Jorhat, Uttarakhand	13 th July to 17 th July 2020		

7.	One-week Short Term Course on "Mapping of Irrigation Assets using GIS"	GOI		24 th Aug to 28 th Aug 2020
8.	Two-week Short-Term Course on "Project Hydrology"	GOI		17 th Aug to 28 th Aug 2020
9.	Four Months research study on "Framework and Strategies to Sustain Autonomy"	NITTTR	Bhopal, Madhya Pradesh	Sep-Dec 2020
10.	Two-week industrial training on "Water testing, monitoring & surveillance"	PHED	Patna, Bihar	20 th March-4 th April 2020
11.	Visiting as a Research Scholar	Curtain University	Malaysia	
12.	Visiting as a Research Scholar	UTB	Brunei	

V. Details of Awards/Publications

Sl. No.	Author(s)/Awards	Title	Name of Journal	Year
1.	Kuldeep Singh Rautela, Dilip Kumar, Bandaru Goutham Rajeev Gandhi, Ajay Kumar, Amit Kumar Dubey	Vulnerability Assessment Across Alaknanda River Basin using GIS-based Combined Analysis of Geomorphometric approach and MCDM-AHP	Geological Society of India, Springer	2023
2.	Kuldeep Singh Rautela, Dilip Kumar, Bandaru Goutham Rajeev Gandhi, Ajay Kumar, Amit Kumar Dubey, Amit Kumar Khati	"Evaluating hydro-electric Potential in Alaknanda Basin, Uttarakhand using the Snowmelt Runoff Model (SRM)"	Journal of water and climate change IWA Publishing	2023
3.	Kuldeep Singh Rautela, Dilip Kumar, Amit Kumar Dubey, Bhishm Singh Khati, Amit Rawat	Multivariate Statistical Analysis to assess the surface water quality of a snow and glacier-fed river: a case from Alaknanda River Basin	Water Science and Technology	2023
4.	Amit Rawat, Dilip Kumar, Bhishm Singh Khati	A review on Climate Change Impact, Models and its consequences on different Sectors: A Systematic Approach.	Journal of Water and climate Change IWA Publishing	2023
5.	Amit Rawat, Dilip Kumar, Bhishm Singh Khati	Crop Water Requirement of Different Crops Using Cropwat: A Study of the Lower Region Uttarakhand and Uttar Pradesh	Journal of Irrigation Engg & Management	2023

6.	Kuldeep Singh Rautela, Dilip Kumar, Bandaru Goutham Rajeev Gandhi, Ajay Kumar, Amit Kumar Dubey	Long-term hydrological simulation for the estimation of snowmelt contribution of Alaknanda River Basin, Uttarakhand using SWAT.	Journal of Water Supply: Research and Technology Aqua	2023
7.	Kuldeep Singh Rautela, Dilip Kumar, Bandaru Goutham Rajeev Gandhi, Ajay Kumar, Amit Kumar Dubey	Application of ANNs for the modeling of streamflow, sediment transport, and erosion rate of high-altitude river system in Western Himalaya, Uttarakhand	Revista Brasileira de RecursosHidricos Brazilian Journal of water Resources.	2022
8.	Dilip Kumar & Rajib Kumar Bhattachariya	GRNN Model or Prediction of Groundwater Fluctuation in the state of Uttarakhand of India using GRACE Data under Limited Bore Well Data.	Journal of Hydro-informatics	2021
9.	Dilip Kumar & Rajib Kumar Bhattachariya, Shahriar Shyam, Udit Rohana Ratnayake	Indicator based assessment of Integrated flood vulnerability index for Brunei Darussalam	International Journal of disaster Risk Management	2021
10.	Dilip Kumar & Rajib Kumar Bhattachariya	Evaluating two GIS-based semi-distributed hydrological models in the Bhagirathi-Alaknanda River Catchment in India	Water Policy-IWA Publication	2020
11.	Dilip Kumar & Rajib Kumar Bhattachariya	Review of Different methods and techniques used for flood vulnerability 2 analysis	NHESS-EGU	2020
12.	Dilip Kumar & Rajib Kumar Bhattachariya	Change in Rainfall Patterns in the Hilly Region of Uttarakhand due to the impact of Climate Change	Applied Environmental Research	2020
13.	Dilip Kumar & Rajib Kumar Bhattachariya	Estimation of Integrated Flood Vulnerability Index for the hilly region of Uttarakhand, India	Journal of Hazardous, toxic, and Radioactive Waste, ASCE	2020
14.	Dilip Kumar & Rajib Kumar Bhattachariya	"Study of Integrated Social Vulnerability Index so Vlint of Hilly Region of Uttarakhand, India	Journal of Environmental and Climate Technologies	2020
15.	Dilip Kumar, Neha Lakhwan, Anita Rawat	Study and Prediction of Landslide in Uttarkashi, Uttarakhand, India using GIS ANN	American Journal of Neural Networks and Application. Vol. 3, No.6, 2017, PP.63-74	2017

16.	Kumar Dilip., Himanshu S	Geographical Information Based Evaluation System for Drought	American Journal of Biological and Environmental Statistics	2017
17.	Kumar Dilip., Himanshu S.,Kumar.S	Effects of Lateral Spacing and Irrigation Scheduling on Drip Irrigated Cabbage in a Semi-Arid Region of India.	"RJES"	2012
18.	Kumar Dilip, Yadav, HL, Khati, B.S.	"Estimation of Infiltration Parameter for Tehri Garwal Catchment"	International Journal of Engineering Research & Technology	2012
19.	Dilip Kumar and Bhisim Singh Khati	"Black Box Model for Flood Forecasting"	Journal of Civil Engineering (IEB)	2012
20.	Dilip Kumar & Rajib Kumar Bhattachariya	"Distributed rainfall runoff modelling"	International Journal of Earth Sciences and Engineering	2011
21.	Best Research Award 2020	Hydrology and Climate Change	By VT Good	2020

VI. Details of Professional Membership

Sl. No.	Name of Professional Body	Membership No.	(Life/Annual)
1.	ASCE	949727	Annual