

Dr.ATUL KUMAR SINHA

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PERSONAL VITAE

Father's Name:- Shri Kamakhya Charan Sinha

Date of Birth: 07th September 1966

Nationality -Indian

Gender-Male

Marital Status:- Married

Permanent Address: c/o Ashok Kumar Sinha (Advocate), Road No.- 8 , Kusum Vihar, Morabadi, Ranchi- 834008

Present Address : c/o Sri R.K Singh ,Mangal Vihar lane, Barwa Road Dhanbad PIN- 826001

PROFESSIONAL BACKGROUND

Major Projects handled:

- Oct'2003-Feb2014 Department of Geology, P.U, (NRCD) MOE&F, Government of India.
Senior Project Fellow

Title: Ganga Water Quality Monitoring Project (NRCD)

Client: Ministry of Environment and Forest, G.O.I.

Duration: Oct'2003- Feb 2014

Synopsis: The Physical Analysis include temperature, pH, turbidity, electrical conductivity, depth, flow, total dissolved solid, total suspended solid, etc. Chemical Analysis include Alkalinity, dissolve oxygen, BOD, COD, Calcium, Magnesium, Sodium, potassium, iron, nitrite, nitrate, chloride, total phosphate, sulphate, etc. Biological Analysis include total coliform, faecal coliform, etc and preparation of technical report.

- Oct'1998-Nov'1999 Department of Geology, P.U, (NRCD) MOE&F, Government of India.
Junior Project Fellow

Title: Ganga Pollution Monitoring Project (NRCD)

Client: Ministry of Environment and Forest, G.O.I.

Duration: Oct'98-Nov'99

Synopsis: The Physical Analysis include temperature, pH, turbidity, electrical conductivity, depth, flow, total dissolved solid, total suspended solid, etc. Chemical Analysis include Alkalinity, dissolve oxygen, BOD, COD, Calcium, Magnesium, Sodium, Potassium, iron, nitrite, nitrate, chloride, total phosphate, sulphate, etc. Biological Analysis include total coliform, faecal coliform, etc.

TEACHING ASSIGNMENTS

1st July'2008-June2014 with Department of Geology, Patna Science College, Patna University, Patna as Lecturer (Adhoc) Geology.

1st July'2011- June2014 Lecturer (Adhoc) Department of Geology, Patna University, Patna, Bihar.

11th January'2019- Present Assistant Professor (CONTRACTUAL, NEED BASED), University Department of Geology, Binod Bihari Mahto Koyalanchal University Dhanbad, Jharkhand.

CERTIFICATE OF APPRECIATION

- ⇒ For extraordinary service and dedication to profession as “Head” University Department of Geology, Binod Bihari Mahto Koyalanchal University Dhanbad (Jharkhand) in the year 2020-2021.

EDUCATION

2016 Ph.d.,(GEOLOGY) PATNA UNIVERSITY

(THESIS TITLE “A COMPARATIVE STUDY OF THE GEOCHEMICAL CHARACTERISTICS OF WATER AND SEDIMENTS OF RIVER GANGA AND SOME OF ITS TRIBUTARIES IN BIHAR”)

2004 LLB from Ranchi University.

1992 Masters in Science (Geology) with specialization in Hydrogeology from Ranchi University, Ranchi. Secured 69.25%

1989 Bachelor of Science (Geology Hons.) from Ranchi University, Ranchi. Secured 65.6 %

1984 Intermediate in science-(B.I.E.C, Patna) through, Ranchi University. Secured 50.0%

1982 Matriculation- (B.S.E.B, Patna) Secured 60.7%

SKILL ENHANCING SCHEDULES

Training Undergone;

- ⇒ Training on “USES OF SOPHISTICATED INSTRUMENTS IN EARTH SCIENCE” under Synergistic Training program utilizing the scientific & technological infrastructure (STUTI) DST, Government of India organized by IIT-ISM Dhanbad (25.03.2022-31.03.2022).
- ⇒ e-Training on “Application of Remote Sensing in Geosciences” conducted by PGRS Division, GSITI, Hyderabad (26.11.2020- 28.11.2020).

- ⇒ e-Training on “Fundamentals of Exploration of REE, RM and Strategic Minerals” conducted by NCMT Division of Geological Survey of India Training Institute, Hyderabad (17.08.2020- 19.08.2020).
- ⇒ Training on “Geological Mapping techniques” under Geological Survey of India (31.10.2012- 07.11.2012).
- ⇒ Rajiv Gandhi Groundwater Training on “Groundwater Development and Management” under Central Ground Water Board Mid-Eastern Region ,Patna, Government of India. (27.12.2010 - 31.12.2010).

Courses:

- ⇒ UGC sponsored National conference on “Management of Groundwater Resources in India with Special Reference to Bihar” at Patna University, Patna (2013).
- ⇒ UGC sponsored refresher course in “Recent Advances in Water Resources Development and Management” at Patna University, Patna (2011).
- ⇒ International Conference titles “The Majestic River Ganga - Health, Integrity and Management” (Department of Geology & Aquatic Ecosystem Health and Management society Canada) held at Patna University (2006),
- ⇒ National Conference on “Planning and Development of Groundwater Resources of India- A perspective for 21st century” (1999).

PAPER PUBLICATIONS

- ⇒ Sinha Atul Kumar, Sinha S.K. ‘Seasonal Variation in water quality of River Gandak, Bihar, India, 2021 IJCRT Volume 9, Issue 2 February 2021 (ISSN :2320-2882).
- ⇒ Sinha Atul Kumar, Sinha Shailendra Kumar “Seasonal Variation in water quality of Holy River Ganga, India, @2020 JETIR Volume 7, Issue 4, April 2020| (ISSN-2349-5162).
- ⇒ Sinha Atul Kumar, Prasad Kriteshwer, Sinha Shailendra Kumar ‘Seasonal Variation in water quality of River Sone, Bihar, India, @ 2020 IJRAR February 2020, Volume, Issue 1(E-ISSN 2348-1269, P-ISSN 2349-5138).
- ⇒ Sinha Atul Kumar and Sinha Shailendra Kumar ‘Seasonal Variation in water quality of River Ghagra, Bihar, India, National Journal of Life Sciences, Vol.16(1&2) 2019 :29-35|ISSN: 0972-995X(Print), 2321-7960(ONLINE).
- ⇒ Sinha Atul Kumar and Sinha Shailendra Kumar ‘Seasonal Variation in water quality of River PUNPUN, Bihar, India, Proc. Zool. Soc. India.19(1): 49-58: (2020) | ISSN 0972-6683(Print) INDEXED AND ABSTRACTED| ISSN 2456-8589(online): NAAS Rating 4.42| Impact Factor 0.438.



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