

Dr. Deepak Singh

Assistant Professor, Department of Civil Engineering

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Dr. Deepak Singh completed his Ph.D. in Civil Engineering, with a specialization in Hydraulics and Water Resources Engineering. His doctoral research focused on the “Experimental Study and Computational Analysis of Piano Key Weir,” contributing significantly to the understanding of flow behaviour and energy dissipation in hydraulic structures.

With over Four years of teaching and research experience, Dr. Singh has served in reputed institutes such as **NIT Delhi, NIT Hamirpur, and IFTM University**.

Dr. Singh has published extensively in peer-reviewed SCIE and Scopus-indexed journals, and has authored multiple book chapters with Springer and other reputed publishers. Dr. Singh is an active reviewer for SCI-indexed journals such as *Flow Measurement and Instrumentation*, *Water*, *Hydrology*, etc. He is a member of IFERP and actively participates in national and international conferences and workshops.

Awards and Recognition

- **Commendable Research Award, DTU – 2022, 2023 (Two Consecutive years)**
- Best Research Paper Presentation, ICFE-2022 (IFERP, Philippines)
- Multiple recognitions for research excellence and paper presentations at Hydro and NEFES conference in China.

Research Interests

- Hydraulic Structures (Piano Key Weirs)
- Computational Hydraulics and Machine Learning Applications
- Energy Dissipation and Aeration in Weirs
- Sewer Design and Urban Water Systems
- Sustainable Water Resources Management

Student Guidance

- Guided **M. Tech.** student research on Performance of Concrete Under Elevated Temperatures with Fly Ash Compositions at IFTM University.

Google Scholar: <https://scholar.google.com/citations?hl=en&user=fvxp5zIAAAAJ>