



April 2022 Newsletter



Publications

- Mangukiya, N. K., & Sharma, A. (2022). Flood risk mapping for the lower Narmada basin in India: a machine learning and IoT-based framework. *Natural Hazards*, 1-20, DOI: 10.1007/s11069-022-05347-2
- Sharma, A., Baruah, A., Mangukiya, N., Hinge, G., & Bharali, B. (2022). Evaluation of Gangetic dolphin habitat suitability under hydroclimatic changes using a coupled hydrological-hydrodynamic approach. *Ecological Informatics*, 101639, DOI: 10.1016/j.ecoinf.2022.101639
- Ashish Manoj J, Ravi Kumar Guntu., and Ankit Agarwal., 2022. Spatiotemporal Dependence of Soil Moisture and Precipitation over India. *Journal of Hydrology* (Accepted for publication)
- Mohamed Mwabumba; Jahangeer Jahangeer; Sahila Beegum; **Brijesh K Yadav**; Mwemezi J Rwiza "Assessment of Groundwater quality under Changing Climate in Ngorongoro Conservation Area (NCA), Tanzania" *ASCE Journal of Irrigation and Drainage Engineering*

International Conferences

- Isly Isaac, N.K. Goel and N. N. Rai. : "Estimation of Glacial Lake Outburst Flood for Planning and Design of Hydroelectric Projects in the Himalayas". International Conference on Hydropower and Dams Development for Water and Energy Security-Under Changing Climate Change. Organized by INCOLD, CBIP, and THDC India Ltd, held in Rishikesh from 7-9 April 2022.

Awards and Achievements

- Mr. Vijay Kumar Bejagam, Ph.D. IInd Year, got the prestigious prime minister research fellowship (PMRF) through the lateral entry channel.
- Ms. Sujata S. Kulkarni, Ph.D. Ist Year, got the prestigious prime minister research fellowship (PMRF) through a direct entry channel.
- Mr. Jitendra Vyash has successfully defended his Ph.D. thesis on "Non-contact Discharge estimation using entropy Theory" under the guidance of Prof. M Perumal, Dr. Tommaso Moramarco, and Prof. Brijesh K Yadav. Congratulation to Dr. Jitendra!

Placements

- Mr. Akshit Pushkar, [M.Tech.](#) (2020-22) got placed in Aecom India Pvt. Ltd.
- Mr. Shivam Rawat, [M.Tech.](#) (2020-22) got placed in Aecom India Pvt. Ltd.
- Ms. Babita Malakar, [M.Tech.](#) (2020-22) got placed in Aecom India Pvt. Ltd.



Lectures delivered

- Prof. Himanshu Joshi Invited a specialist lecture on "Innovation to IP management", National Institute of Hydrology, World IP day, April 26, 2022.

Invited

- Prof. Himanshu Joshi Invited Member, National Board of Accreditation, GOI.

Miscellaneous

- Prof. Nagesh Kumar, IISc Bangalore, visited the Department of Hydrology on April 25 and interacted with the faculty colleagues.