

A TRAINING COURSE ON HYDROLOGY OF UNGAUGED BASINS

25 - 30 Nov 2024

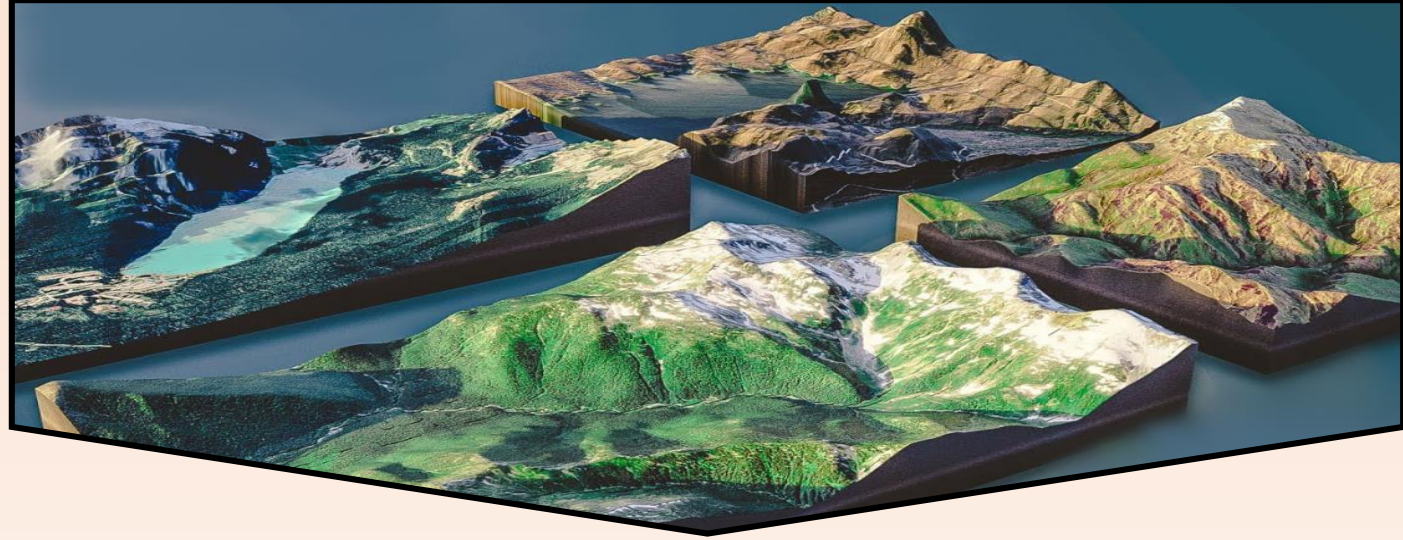


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Organized by

NATIONAL INSTITUTE OF HYDROLOGY (NIH)

Roorkee 247 667
Uttarakhand (India)



ABOUT THE COURSE

Lack of data presents considerable challenges to catchment managers who require information on streamflow for decision making. The course will provide hydrologists with the theory and methods to address this critical challenge.

WHO CAN PARTICIPATE

This course is designed for Officials, Field Engineers, and Faculty Members from the State and Central Government Ministries/ Departments/ Institutions and Masters and PhD students working in the field of hydrology.

COURSE CONTENT

The course is in physical mode. It includes lectures and hands-on sessions on Open Data Sources, Flow Duration Curve & Water Availability Analysis, Design Storm/Flood Estimation, UH/GIUH Approach, FFA, Rating Curve, CIs & Uncertainty of Predictions, Geospatial Applications, Risk and Reliability in Floods, Flood Routing, GEE Applications, SCS-CN Applications, Time Series Analysis, Reservoir Water Balance & Operation, Rule Curves, SWAT, SWAT-CUP & HEC-HMS Models, Regionalization Methods, Water Accounting & Budyko Framework, Python and R for Streamflow Estimation and QGIS Applications.

ABOUT NIH



The National Institute of Hydrology (NIH) is a premier R&D organization under the Department of Water Resources, River Development & Ganga Rejuvenation of the Ministry of Jal Shakti, Government of India, established in 1978, with its headquarters at Roorkee. The main objectives of NIH are to undertake, aid, promote & coordinate systematic & scientific work in all aspects of hydrology. NIH is an ISO 9001:2015 Certified organization. for pursuing research activities in hydrology and water resources, technology transfer and demand-driven, user-defined, strategic research. It has 07 Regional Centers at Bhopal, Belgaum, Guwahati, Jammu, Jodhpur, Kakinada, and Patna.

Course Fee:

PG Student/Ph.D Scholar ₹8,500/-
All Others ₹10,000/-

Fee includes a registration kit, working lunch, session teas, field visit, and certificate.

REGISTRATION

Candidates can register through the web link given below on or before 15 November 2024. The participants will have to arrange TA/DA or any other expenditure from their parent organization/institute. The participants must carry laptops for hands-on. The course has a limited number of seats and shall be filled on first-come first-serve basis. The Guest House facility of NIH Roorkee can be availed on a payment basis.

Fee Payment Details:

Account Name: NIH PROJECT
Account No: 4044 0001 0017 4852
Bank: PUNJAB NATIONAL BANK (PNB)
Branch: IIT ROORKEE
IFSC code: PUNB0404400
MICR Code: 247024103



Reg. Link:

<https://forms.gle/qxvGgZ26pzgZrnxy9>

COURSE DIRECTOR

Dr. M. K. Goel
Director, NIH Roorkee

COURSE CONVENOR

Dr. A. R. Senthil Kumar
Scientist 'G' & Head (WRSD)

VENUE

Jal Vigyan Bhawan,
NIH Roorkee
Uttarakhand (India)

COORDINATORS

Dr. Pravin Rangrao Patil
Scientist 'C'

Dr. Harsh Upadhyay
Scientist 'B'

Dr. Umesh Kumar Singh
Scientist 'C'

CONTACT US AT

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