

## **Advanced Training Program on Water Resource Management, Glacier Monitoring & Climate Change Studies**

**An Online Capacity Building Program Organized by  
DST's Centre of Excellence, Department of Geology, Sikkim University  
PCMG Building, Tadong, Gangtok, Sikkim**

**From: 15 Feb - 07 Mar 2021**



### **Application deadline: 10<sup>th</sup> February 2021**

Selected candidates for training will be informed by the February 12, 2021 via email, with a detailed schedule of the program and other necessary instructions.

### **Targeted Participants**

Postgraduate students, Ph.D. scholars, Postdoc students, scientists, researchers, and stakeholders (NGOs) working in the field of Water resource management/Cryosphere/Climate change studies can apply for three weeks training program. The total number of seats available for this training program is 25 only. However, the exact number of participants may vary. The virtual training program will be for 14 days, along with seven days of field-based training for local stakeholders (Sikkim). Candidates having some knowledge/background in glaciology/spring/remote sensing will be given preference.

**Note:** The selected applicants should have proper internet connectivity and a personal computer/laptop.



## **Background**

DST's Centre of Excellence (COE), Department of Geology, Sikkim University is organizing 1<sup>st</sup> online “*Advanced Training Program on Water Resource Management, Glacier Monitoring & Climate Change Studies*” for capacity building which is also one of the primary aims of the NMSHE. The training program is intended to enhance the capacities of hydrologists, glaciologists, and climate change specialists as well as provide hands-on training to local stakeholders. In this training program, most of the lectures will be delivered in the morning session and hands-on training (including computer projects) will be provided in the afternoon session. Lecture notes/materials will be provided to the participants. The program will help in capacity building for utilization of satellite data, different software, models, and their application for cryosphere and hydrological studies. This program will also engage different stakeholders from the state of Sikkim for addressing and implementing the solution for sustainable water resource management. This training program is fully funded by the Department of Science & Technology (DST), Government of India, under “DST's Centre of Excellence established at Department of Geology, Sikkim University. This training program is free of cost for all the participants.

## **Broad Topics**

Snow and Glaciers Dynamics, Water Resource Management and Climate Change

## **Eligibility**

M.Sc./M.E./M.Tech./Ph.D. or equivalent degree in Geoscience, Environmental Science, Civil Engineering, Geography or relevant discipline.

## **Application Procedure**

Eligible candidates are advised to fill the complete online application form using the following link (<https://tinyurl.com/y71er865>) or by scanning the given QR code, latest by 31<sup>st</sup> January 2021. For any inquiries, please contact [coeonwcc@gmail.com](mailto:coeonwcc@gmail.com) or [akmisra@cus.ac.in](mailto:akmisra@cus.ac.in).

**Note:** The selected participants should have permission to attend the training program from their institutions/organisations. Certificate will be given to those participants who attend the full training course.



## **Organizer**

DST's Centre of Excellence, Department of Geology, Sikkim University.

## **Organizing team**

**Dr. Anil Kumar Misra**, Head, Department of Geology, Sikkim University  
**Dr. Nishchal Wanjari**, Asst. Prof. Department of Geology, Sikkim University  
**Dr. Rakesh Kr. Ranjan**, Asst. Prof. Department of Geology, Sikkim University

## **Patron**

**Prof. Avinash Khare**, Vice Chancellor, Sikkim University, Gangtok, Sikkim