

Department of Science & Technology (DST) initiated training programme on **Capacity Building in Himalayan Glaciology - Level I & II**

Organized by Jawaharlal Nehru University (JNU)

Under the auspices of Climate Change Programme (CCP), NMSHE mission, DST and SDC-DST Scientific Cooperation on Glaciology and related areas

April 1 to April 27, 2013

Application deadline: March 10, 2013

Objective: Under the National Mission for Sustaining the Himalayan Ecosystem (NMSHE), the Climate Change Division of the Department of Science & Technology (DST) is entrusted with the responsibility of developing the human, institutional and knowledge capacities in the Indian Himalayan Region. DST has initiated a scientific cooperation programme with Swiss Agency for Development and Cooperation (SDC) in the field of glaciology and related areas. The Capacity Building Programme on Himalayan Glaciology aims at enhancing the human and institutional capacities of Indian students and researchers.

Course Structure

Capacity Building Programme on Himalayan Glaciology will comprise of two levels: Level I and II. Level I will be a basic course with approximately 25-30 students and will be of four weeks duration. About 10-15 participants will be selected for Level II from the basic course, an advanced course of approximate three months duration including glacier field work preferably from August /September. Finally about 2-5 participants may be selected based on the performance evaluation in Level II by expert committee for a proposed research programme under DST Climate change programme on specialized topics to be jointly supervised by Indian and Swiss faculty.

Venue, travel and accommodation

The course will be held from April 1 to April 27, 2013 at Jawaharlal Nehru University, New Delhi. Students will be provided boarding and lodging for the course duration. Course participants will be reimbursed for to and fro journey (upto 3AC trainfare) to New Delhi on production of valid tickets.

Eligibility and Application Procedure

Candidates should possess Masters in Earth Sciences/Remote Sensing/ Physics/ Environmental Sciences/ Civil Engineering/Geography. Ph.D. students or fresh Post Docs with Exposure/experience in glacier research will be given preference. Physical fitness for high altitude is an additional requirement.

The application should include:

- a. A cover letter with a statement of motivation (1 page) explaining why you want to take the course and how you would benefit from the programme
- b. A short CV that includes a list of relevant experiences, relevant university coursework, university degrees, publications and glacier field experience (2 pages).
- c. A short description of your research project (1/2 page) including the name of your research supervisor
- d. Declaration regarding medical fitness for high altitude and guaranteeing that the candidate will continue in the field of glaciology and that the training will be useful for his/her research activity in glaciology and will participate in all three phases if selected and should be forwarded by guide and HoD/employer.

Applications in hard copy should reach the following address latest by March 10, 2013; 5:00 p.m. Advance copies may be sent by email.

Prof. AL. Ramanathan (alrjnu@gmail.com)

Organizing Secretary and course co-coordinator
Indo-Swiss Capacity Building in Himalayan Glaciology
School of Environmental Sciences
Jawaharlal Nehru University, New Delhi – 110067

Course Co-ordinators

Dr. Anil Kulkarni, Distinguished Scientist, DCCC, Indian Institute of Science, Bangalore

Dr. Markus Stoffel, University of Geneva, Switzerland

Qualified applicants will be selected by an expert committee on the basis of their qualifications, experience and commitment in the field of glaciology. Selected participants will be notified around 16th March 2013 by email.