

Science Academies' Lecture Workshop on **CLIMATE CHANGE**

December 26-27, 2014



Indian Academy of Sciences
Bangalore



Indian National Science Academy
New Delhi



The National Academy of Sciences,
India, Allahabad

Sponsored by

Organized By

G B Pant University of Agriculture & Technology (GBPUA&T)
Pantnagar-263145, Distt. - Udham Singh Nagar

Uttarakhand State

www.gbpuat.ac.in / www.gbpuat-tech.ac.in



WORKSHOP OBJECTIVES:

The Workshop will provide an excellent opportunity to students, researchers, scientists and technologists to understand the science of climate change, climate change modellings/ projections, impacts of climate change on water, glaciers, agriculture, natural ecosystems and forests, international systems of UNFCCC, IPCC and national scenario and climate change policies, vulnerability and adaptation strategies. Since climate change is of paramount importance in the study of various branches of science and technology, the objective of this Workshop is to create interest in students, research scholars, young faculty of colleges and institutions around Pantnagar.

WORKSHOP CONVENOR:

Professor P P Mujumdar, Department of Civil Engineering, Indian Institute of Science (IISc), Bangalore-560012, Karnataka State.

WORKSHOP COORDINATOR:

Professor H J Shiva Prasad, Department of Civil Engineering, G B Pant University of Agriculture and Technology, Pantnagar-263145, Uttarakhand State

RESOURCE PERSONNEL:

- 1) **Professor Pradeep P Mujumdar**, Department of Civil Engineering, Indian Institute of Science (IISc), Bangalore and Associate Faculty at Divecha Center for Climate Change and Center for Earth Sciences (*Convener of the workshop*)
- 2) **Dr Sharad K Jain**, National Institute of Hydrology (NIH), Jal Vigyan Bhawan, Roorkee, Uttarakhand State
- 3) **Professor N K Goel**, Department of Hydrology, Indian Institute of Technology (IITR), Roorkee, Uttarakhand State
- 4) **Dr Anand Sharma**, India Meteorological Department (IMD), Dehradun, Uttarakhand State

WORKSHOP TOPICS:

- i) Climate Change –Basics including IPCC Reports
- ii) Climate Change Impacts on Water Resources in River Basins
- iii) Scale Issues and Uncertainties in Climate Change Impacts
- iv) Hydrologic Extremes of Floods and Droughts
- v) Climate Change Impacts on Agriculture, Natural Ecosystems and on Glaciers and
- vi) Adaptation to climate change with special reference to Hilly Areas

TENTATIVE SCHEDULE:

There will be four lectures everyday with a lunch break of one hour. Each lecture will be of 60 minutes duration followed by 30 minutes of discussion. The time-table would be spread over from **9.30 am to 5.30 pm**.

VENUE: College of Technology, G B Pant University of Agriculture & Technology, Pantnagar

PARTICIPANTS:

Students of related disciplines, doctoral and post-doctoral researchers and faculty of colleges and universities in and around Pantnagar. Interested participants outside Pantnagar may be considered, but they should support their daily travel or manage to stay nearby on their own.

The Workshop organizers will provide working lunch and tea/coffee during the days of the workshop.

How to apply:

Information leaflet may be downloaded either from www.gbpuat.ac.in or applications for participation may be [submitted online \(Preferable\)](#)

Applications may also be submitted in **hard copies or sent by mail only to**

Professor H J Shiva Prasad, Department of Civil Engineering,

G B Pant University of Agriculture and Technology, Pantnagar-263145, Uttarakhand State

Telefax: 05944-233338 (P.P.), Email: sptce@gbpuat-tech.ac.in / h.j.s.prasad@gmail.com; Mobile: 9719245303 / 8449859593

Last date of submission of applications: December 15, 2014.

List of selected candidates would be posted on the website on **December 20, 2014.**

There is No participation fee.