





# **Organizing Committee**

Patrons: Dr. U.S. Rawat

Vice Chancellor.

S.D.S. Uttarakhand University Badsahithaul,

Tehri Garhwal Uttarakhand-249199

Dr. R.B.S. Rawat

Principal Chief Conservator of Forest, Uttarakhand

**Conveners:** 

Prof. J. P. Bhatt

Prof. J. P. Pachauri

Prof. H. C. Nainwal

**Prof. Prakash Nautival** 

H.N.B. Garhwal Central University, Srinagar Garhwal Uttarakhand-246419

**Coordinator:** 

Dr. A. K. Tiwari

Registrar

S.D.S. Uttarakhand University Badsahithaul,

Tehri Garhwal Uttarakhand-249199

**Organizing Secretary:** 

Dr. V.P. Semwal

Department of Zoology, Govt. P.G. College New Tehri, Tehri Garhwal Uttarakhand- 249001

#### **Seminar Venue**

Badsashithaul (Chamba) is situated at 1676 masl in Tehri District of Uttarakhand, offering a splendid view of the snow-capped Himalaya peaks and serene Bhagirathi valley. Chamba happens to be a focal point, being located at the junction of roads from Mussoorie (58 km) and Rishikesh (62 km). As winter sets in by late October, the participants are advised to bring light/moderate winter clothing's to keep warm.

#### How to Reach-

**Air**: The nearest airport is Jolly Grant at Dehradun, well connected to Delhi. Seminar venue can be approached via Rishikesh (20 km from airport) or Mussoorie.

Rail: Nearest Rail head is Haridwar and Dehradun, connected with New Delhi by Shatabdi and Jan Shatabdi. Haridwar-Chamba (87 km); Dehradun-Chamba (110 km). Road: National Highway No. 58 links Delhi with Rishikesh via Haridwar. The seminar venue can also be reached via Dehradun-Mussoorie.

# National Seminar On "Uttarakhand Disaster: Contemporary Issues of Climate Change and Development with a Holistic Approach"

25-27 October, 2013





Organized By Sri Dev Suman Uttarakhand University, Badsahithaul, Tehri Garhwal, Uttarakhand-249199

#### INVITATION

Dear Colleagues

On behalf of the organizing committee we feel immense pleasure in extending an invitation to participate actively in the first-ever major academic event, **National Seminar on "Uttarakhand Disaster: Contemporary Issues of Climate Change and Development with a Holistic Approach"**, being organized by Sri Dev Suman Uttarakhand University Badsahithaul, Tehri, Uttarakhand (25<sup>th</sup> to 27<sup>th</sup> October, 2013).

#### ABOUT THE SEMINAR

We all are aware that Uttarakhand State is known as the land of celestial beauty blessed with magnificent glaciers, majestic snow-clad mountains, gigantic peaks, valley of flowers, skiing slopes and dense forest with rich flora and fauna. This Abode of Gods includes many shrines and places of pilgrimage. A picturesque State, with a breathtaking panoramic view of Himalayas, Uttarakhand promises its pilgrims, scientist, research scholars, environmentalists and tourists a visit full of unforgettable moments.

Recently, the entire State of Uttarakhand has plunged into terrible crisis that came from the skies as natural calamity, precipitated by the civil structures representing unceasing pace of urbanisation, causing unfathomable loss of human lives, their cattle, livelihood sources public properties and aquatic biodiversity in particular. The people of Uttarakhand witnessed devastation at unprecedented scale for the first time in the State. In this context, people from all sections of society have been raising their voice against unscientific bedmining, hydel projects, construction of roads, buildings and industries in the name of development, thereby damaging ecology of the area. Development is necessary to keep pace with the development taking place globally but a balance has to be maintained by taking ecological safeguards.

The technological progress in road construction, transportation and communication etc has made greater interaction possible between people of mountains and adjacent plains, but has opened so far unexplored areas to increased exploitation posing threats to species, unique ecosystems and habitats. These areas in the State are under stress of various types of human activities. These areas are endowed with superabundance of endemic plant and animal species which are at the serious risk of erosion and extinction. The threats due to climate change cannot

be ignored and loom large over the horizon in view of the recent disaster in the State. The Sri Dev Suman Uttarakhand University has decided to deliberate on all issues of future development while safeguarding the inherited Himalayan ecosystems as well as agrobiodiversity. Social scientists, technocrats, academicians, scientists, NGOs and corporate houses, will deliberate on the important facets of development while safeguarding the environment and the biodiversity. We do hope that the deliberation in this seminar will enable us to adopt a right and effective approach for the preservation of Himalayas, conservation of biodiversity and the utilization of its vast-resources for natural growth and development of the State.

#### THE UNIVERSITY: AN INTRODUCTION

Sri Dev Suman Uttarakhand University was established as a State University of Uttarakhand in October 2012. The establishment of University is a rare distinction of popular and powerful demand and symbolises the hopes and aspiration of the people of Garhwal for the development through the instrument of higher education. The masses of this remote mountainous region demanded for opening a new University at Badshahithual, a small but historical town in Tehri District of Uttarakhand. It was an expression of the quest for empowering their future generation for overcoming endemic, economic and social backwardness, geographic and environmental constraints, re-assertion of cultural identity of the local, natural and human resources for development.

The University is situated on the way between Chamba and New Tehri at a distance of 3 km from Chamba, situated on Delhi-Gangotri NH-58. The University campus is situated on a ridge facing to the east, landscaped by plush Oak and Pine forest.

#### THEMES

- ISSUES OF CLIMATE IN UTTARAKHAND
- GEODYNAMICS OF UTTARAKHAND HIMALAYA
- CONTEMPORARY DEVELOPMENT
- BIODIVERSITY
- DISASTERS& THEIR MANAGEMENT

#### TOPICS OF DISCUSSION

- Past and Present Climate in Uttarakhand: Impact of Global Climate
- 2. Implication and Importance of Himalayan Glaciers and Climate Change, Geodynamic Setting of Himalaya.
- 3. Ganga River basin: Ecological Management in light of Hydropower Development.
- 4. Development Policies, Conservation, Sustainable development and Management.
- 5. Biodiversity in Himalayan Ecosystems.
- 6. Disasters & their Mitigations in Uttarakhand: Traditional Practices and the Role of Government/NGO/Community organizations.

#### **INVITED LEECTURES**

Each session will consist of invited lecture(s) of 30 min duration on the proposed themes followed by deliberations for recommendations for that session.

#### CONTRIBUTED ABSTRACTS

Contributed abstracts of original works (not exceeding 300 words) are invited for Poster session only (No oral presentations will be made). The abstract could be submitted either by post (soft copy of CD) or by email. Posters should be prepared in portrait format (size; 70cm width x 100cm height). They should be readable from a distance of 2-3 meters. The poster should have a title of the presentation on top, and the name(s), affiliations(s), and address of the author(s) at bottom. The name of presenting author should be underlined. Letter size; title 90 point, subtitle 45 and text 20-24 point font size.

#### REGISTRATION

Corporate sector & NGO's Participants Rs. 1500 Faculty/Scientist Rs.700 Research Students Rs.300

The fee covers Seminar kit including a copy of lectures, lunch, dinner, tea and snacks between sessions.

### ACCOMMODATION & TRAVEL

Every possibleeffort would be made for a comfortable stay of the registered delegates in hostels/guest houses. Hence the delegates are requested to send the registration fees well in time and intimate their arrival details. Participants other than the resource persons are urged to arrange own resources for travel.

# **National Seminar on** $\hbox{``Uttarakhand Disaster: Contemporary issues of}\\$ climate change and development with a holistic approach" 25-27 October, 2013

## REGISTRATION FORM

| REGISTRATION FORM   | climate change and development with a holistic approach"   |
|---|--|
| Name  | 25-27 October, 2013  |
| Designation   | 25-27 October, 2015  |
| Institute with Postal Address   |  |
| Male / Female:  |  |
| Contact No  | an.  |
| Fax No:   | To,<br>Dr. V.P. Semwal   |
| Email   | Organizing Secretary of National Seminar<br>Sri Dev Suman Uttarakhand University                                 |
| Title of the paper  | Badsashithaul, TehriGarhwal, Uttarakhand<br>Contact: 09411505565, 09412382678<br>Email: Semwal_vp@rediffmail.com |
|   | Eman. Semwat_vp@reatjjman.com  |
| Accommodation required Yes /No  |  |
| Please send completed form to:  |  |
| Dr. V.P. Semwal Organizing Secretary of National Seminar Sir Dev Suman Uttarakhand University Badsashithaul, Tehri Garhwal, Uttarakhand Contact: 09411505565, 09412382678 Email: Semwal_vp@rediffmail.com     | From:  |
| Payment for Registration and Accommodation should be sent through DD drown in favor Coordinator of National Seminar Sir Dev Suman Uttarakhand University Badsashithaul, Tehri Garhwal, Uttarakhand payable at |  |
| Canara Bank, New Theri.   |  |

PRINTED MATTER

**National Seminar** on "Uttarakhand Disaster: Contemporary issues of