

REGISTRATION FORM

NATIONAL CONFERENCE ON HIMALAYAN BIODIVERSITY AND BIORESOURCE UTILIZATION

Name

Designation

Organization

Address

City..... Pin Code

Tel./ Mobile

Email

Whether presenting poster Yes..... No

Title

Presenting author

Checklist of Documents:

a) Registration form b) Registration fee c) Abstract

Demand Draft

No. Dated.....

Amount Drawn on.....

Countersigned by Chairperson / HOD (for students)

VENUE

COMMITTEE ROOM, VICE CHANCELLOR OFFICE
&
SEMINAR HALL, DEPARTMENT OF BIOSCIENCES, HIMACHAL PRADESH
UNIVERSITY, SUMMER HILL, SHIMLA

ORGANIZING COMMITTEE

PATRON

Prof. Sikander Kumar
Vice Chancellor, H.P. University

CONVENOR

Chairperson, Biosciences

CO- ORDINATOR UGC SAP
DRS II

Prof. Sushma Sharma

CO- COORDINATOR UGC SAP
DRS II

Prof. Anand Sagar

ORGANISING SECRETARY
&TREASURER

Dr. Mahender S.Thakur

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Prof. T.C Bhalla

Prof. S.K. Sood

Prof. S.S. Sharma

ADDRESS FOR CORRESPONDENCE

Dr. Mahender S. Thakur
Organising Secretary

**NATIONAL CONFERENCE ON
HIMALAYAN BIODIVERSITY AND BIORESOURCE UTILIZATION, 2019**

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NATIONAL CONFERENCE ON HIMALAYAN BIODIVERSITY AND BIORESOURCE UTILIZATION



OCTOBER 10-12, 2019

Organized by:

Department of Biosciences

In Collaboration With

HIMACHAL PRADESH UNIVERSITY BIOLOGICAL SOCIETY (HUBS)

Himachal Pradesh University Summer Hill
Shimla-171005, Himachal Pradesh, INDIA

(Funded by: UGC SAP DRS-II)

ABOUT UNIVERSITY



The Himachal Pradesh University was founded on July 22, 1970. It is located at Summer Hill which is at a distance of 5 kms from the main town, Shimla. The University is nestled amidst tall and lush green trees of deodars, oaks, pines and rhododendrons. The location of the University presents a panoramic natural view among the woods, settled around Summer Hill. One half of the campus bathes in the fresh sun towards the East and another half in the grandeur of unique sunset on the West. Overlooking snow peaked Majestic Mountain ranges add to the lofty ideals and vision of the university. Its calmness presents congenial atmosphere to pursue higher studies. The University campus occupies an area of 200 acres and has been designed to possess a distinctive architectural style. Himachal Pradesh University is the multi- faculty and affiliating University in the state.

DEPARTMENT BIOSCIENCES



Department of Biosciences, H.P. University, Shimla is one of the oldest and well-established departments in North India, which has completed more than 46 years of teaching and research. In these years, it has many landmarks as its teaching and research activities changed from classical to the most modernized ones and remained at the forefront both nationally and internationally. Based on the performance of teaching and research potentials of the staff members, UGC had recognized the Department for Special Assistance Program (SAP) in 2015 for five years. It has also received grant from DST-FIST for undertaking research work and for Improvement of Science and Technology infrastructure in Universities and higher educational institutions. The Department of Biosciences from time to time has been able to obtain research projects from granting agencies such as UGC, ICAR, DST, DBT, MOEF, National Medicinal Plants Board, State Biodiversity Board etc, which have helped in augmenting and strengthening the research activities in the department.

ABOUT CONFERENCE

Biodiversity refers to the variety found in biota from genetic makeup of plants and animals to cultural diversity. Biodiversity is the foundation for human health as it underpins the functioning of the ecosystems on which we depend for our food and freshwater; aids in regulating climate, floods and diseases; provides recreational benefits and offers aesthetic and spiritual enrichment.



It also contributes to local livelihoods, traditional and modern medicines and economic development. Furthermore, biophysical diversity of microorganisms, flora and fauna provides extensive knowledge which carry important benefits for biological, health and pharmacological sciences. Significant medical and pharmacological discoveries are made through greater understanding of the earth's biodiversity. Biodiversity plays a crucial role in human nutrition through its influence on world food production, as it ensures the sustainable productivity of soils and provides the genetic resources for all crops, livestock and marine species harvested for food. Human intervention such as use of fertilizer, pesticides or the introduction of new crop varieties and cropping patterns etc. affect biodiversity and thus impact global nutritional status and human health.

Traditional medicines are estimated to be used by 60% of the world's population and in some countries are extensively incorporated into the public health system. Although synthetic medicines are available for many purposes but the global need and demand for natural products persists for use as medicinal products and biomedical research relies on plants, animals and microbes. Human activities are disturbing both the structure and functions of ecosystems and altering native biodiversity. Such disturbances reduce the abundance of some organisms, cause population growth in others, modify the interaction among organisms and after the interactions between organisms and their physical and chemical environments. Patterns of infectious diseases are sensitive to these disturbances. Biodiversity changes also affect ecosystem functioning and lead to disruptions of life sustaining ecosystem, goods and services. Biodiversity loss means that we are losing, before discovery, many of nature's chemicals and genes that have already provided mankind with enormous health benefits.



Climate is an integral part of ecosystem functioning and human health is impacted directly and indirectly by results of climatic conditions upon terrestrial and marine ecosystems. Marine biodiversity is affected by ocean acidification related to levels of carbon in the atmosphere. Terrestrial biodiversity is influenced by climate variability, such as extreme weather events (i.e. drought, flooding) that directly influence ecosystem health and the productivity. While the inter-linkages between biodiversity, ecosystem services and human health are inherently complex, inter-disciplinary research is aiming to develop a more thorough understanding of these essential relationships.

The scope of the present conference is, therefore, wide and interdisciplinary encompassing empirical and theoretical research on various aspects related to biodiversity and its significance to human health. The conference also aims to highlight the knowledge gaps in understanding effect of biodiversity loss and its direct implications on human health.

THRUST AREAS

Biodiversity & Taxonomy	Parasitology
Limnology & Wetland Studies	Ethology
Physiology Studies (Animals & Plants)	Genetic Studies
Plant Pathology	Entomology
Ecology & Environmental Studies	Microbiology

SUBMISSION OF ABSTRACTS

Abstracts should be submitted via e-mail as MS word document (maximum 300 words, Times New Roman, 12 Pt font size, single space) biosciences002@gmail.com latest by 30.09.2019

PRESENTATIONS

There will be oral / poster presentations, Posters should not exceed 100cm x 90cm in size and should indicate title, authors, affiliation and e-mail. The authors are expected to be present for public interaction during their presentations.

REGISTRATION

The registration fee may be sent by Cash or Demand Draft drawn in favour of "HIMACHAL PRADESH UNIVERSITY BIOLOGICAL SOCIETY (HUBS)" payable at State Bank of India Summer Hill, H.P. University, Shimla, latest by 30.09.2019 or online A/C NO 30074778016; IFSC CODE SBIN0002490

Category	On/Before 30.09.2019
Research Scholars	Rs 1000/-
Faculty / Delegates	Rs 2000/-
Accompanying Person	Rs 1200 /-
Spot Registration	Rs 1200/- Research Scholars
	Rs 2500/- Faculty / Delegates

* Excluding accommodation