

**National Conference
on
Role of Science and Technology in
Environmental Conservation & Sustainable
Development**

Sept 23-24, 2022

(OFFLINE MODE)



**Organized by
Department of Biosciences,
Himachal Pradesh University, Shimla
In association with
HPU Biological Society
Himachal Pradesh University, Shimla**

Himachal Pradesh 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. The University campus occupies an area of 200 acres and has been designed to possess a distinctive architectural style. Himachal Pradesh University is the only multi-faculty and affiliating University in the state. The university is accredited "A" Grade, by National Assessment & Accreditation Council (NAAC).

About the Department

Department of Biosciences is oriented towards research and post-graduate training involving the study of biological resources and their development in the state. Department of Bio-Sciences is DST-FIST and UGC-SAP-DRS-II funded department.

The department from time to time has been able to obtain research projects from various granting agencies such as University Grants Commission, Indian Council of Agricultural Research, Department of Science and Technology, Department of Environment, National Medicinal Plants Board etc., which has greatly helped in augmenting and strengthening the research activities in the department.

The achievement of the faculty members and research students are reflected in various international awards and scholarships such as Visiting Professorship/Senior Scientist, Alexander von Humbolt fellowship, Royal Academy of Sciences, London awards, Japan Society for promotion of Science Awards, and Commonwealth Fellowship, INSA Exchange Program. The faculty members constitute a team of experienced and young scientists recognized nationally as well as internationally.

About Conference & Themes

India supporting 16 percent of the world's population on 2.4 percent of the world's land, is one of 17 mega-biodiversity countries. In the present scenario, country is experiencing rapid and widespread environmental degradation at high level. Mismanagement and misuse of natural resources results in depletion of resources, threats the environment, increases air and water pollution level, degrades soil, decreases forest cover, threats biodiversity, drought, flood, earthquake, land sliding and health issues.

Keeping the above problems, facts and issues in mind an attempt shall be made to bring the academicians, scholars, industrialists and researchers from different backgrounds at one platform to share various aspects of sustainable development, biodiversity conservation and available future prospects. An effort shall also be made to make the people aware of environment sustainability and biodiversity conservation. Participation from diverse groups of people and discussions opens new channels and gates, which may be useful in conquering challenges which mankind is facing today.

The Conference shall cover following sub themes:

- 1. Advances in Physical, Biological and Chemical Sciences**
- 2. Animal Physiology, Neurobiology, Cell & Molecular Biology**
- 3. Ecology, Biodiversity Conservation & Pest Management**
- 4. Climate change, Global Warming and Environmental Pollution**
- 5. Agriculture, Horticulture and Forestry**
- 6. Biotechnology, Microbiology and Nanoscience**
- 7. Applied Zoology (Entomology, Fishery, Poultry, Dairy etc)**
- 8. Role of Internet of Things (IOT) in Current Scenario**
- 9. Socio economic Aspects of Medicinal Plant Resources**
- 10. Indigenous/Traditional Botanical knowledge**

Abstract Submission

Abstract should be up to 500 words, written in Times New Roman, 12 font size, single spacing. Selected participants shall be given opportunity to present their research articles in oral mode. All others shall present their papers through poster mode. **Selected abstracts shall be published in form of full paper in conference proceeding free of cost.**

Conference Committee

Conference President

Prof (Dr) S P Bansal
Hon'ble Vice Chancellor,
H. P. University, Shimla, HP, India

Chief Patron

Prof (Dr) Jyoti Prakash
Hon'ble Pro Vice Chancellor
H. P. University, Shimla, HP, India

Patron

Prof (Dr) Anand Sagar
Dean, Life Sciences
H. P. University, Shimla, HP

Conference Chairman

Prof (Dr) D. R. Thakur
Dept of Biosciences
H. P. University, Shimla, HP

Convener

Dr Dhiraj S Rawat
Chairman, Dept of Biosciences
H. P. University, Shimla, HP

Co-convener

Dr H S Banyal
Dept of Biosciences
H. P. University, Shimla, HP

Organizing Secretary

Dr Rajesh Kumar
Dept of Biosciences
H. P. University, Shimla, HP

Joint Organizing Secretaries

Dr Amit Sehgal
Dr Joginder Singh
Dept of Biosciences
H. P. University, Shimla, HP

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Faculty, Dept of Biosciences

Dr Sveta Thakur

Faculty, Dept of Biosciences

Dr Nitesh Kumar

Faculty, Dept of Biosciences

Dr Vikul Kumar

Faculty, Dept of Biosciences

Key Speakers

Dr Anil Joshi (Padam Shri & Bhushan)

Dr O P Agrawal (Ex VC, Jiwaji Uvr, MP)

Dr Jagbir Singh (P U, Patiala, Pb)

Dr S S Kanwar (HPU, Shimla, HP)

Dr Jasbir Singh (Social Worker)

Registrations

Last date of abstract submission and registration – 15 Sept, 2022.

Link for registration:

https://docs.google.com/forms/d/e/1FAIpQLSdZk23dvWzGjNOY229Q7T_PkHHeJTrliKkgnSfHZGme1o9EuQ/viewform?usp=pp_url

Registration Fees

INR 300 for UG/PG students

INR 1000 for research scholars

INR 1500 for faculty, scientists & others

Participants are requested to get registered well in time, spot Registration shall be allowed with Rs 500/- late fee.

Registration fee includes conference kit, working lunch and tea. It has to be paid online in the bank account as mentioned below:

Account Detail

Bank Name, SBI, Summerhill, Shimla
Name: HPU Biological Society Treasurer
A/c No.: 30074778016
IFSC: SBIN0002490

Oral/Poster Presentation

Maximum 15 slides describing methodology, results and outcomes. Poster shall be prepared as Length (4) x Breadth (3) - Vertical

Awards

02 Best Oral Presentations

02 Best Poster Presentations

01 Young Scientist Award

For young scientist award, separate format shall be sent to desired participants.

Accommodation:

The accommodation has to be made by participants themselves. The list of budgeted hotels and guest houses shall be provided to all the participants in time and assistance shall be provided by accommodation committee

**All correspondence be made to
Dr. Rajesh Kumar (Org Sec)**

Department of Biosciences, Himachal Pradesh
University, Summerhill, Shimla

9805430493 (whatsapp)

E. mail: nchpubio2022@gmail.com