

INTERNATIONAL CONFERENCE ON

Technological Advancements for Sustainable Development towards Biodiversity Conservation

22nd - 24th February, 2024

Organized by
Shoolini University
Kasauli Hills, Solan,
Himachal Pradesh, India

In collaboration with
Indian Science Congress Association (Chandigarh Chapter) &
Zoological Society of India

About the Conference

Biodiversity is critical for human well-being and sustainable development. It underpins all ecosystem services, supports human health and agriculture, and helps to mitigate climate change. The global environment is currently under stress because of increasing growth rate in human population, anthropogenic actions leading to habitat degradation and destruction, adverse effects of climate change, and ongoing loss of biodiversity at much higher rates. The 2030 Agenda for Sustainable Development Goal to "protect, restore and promote sustainable use of terrestrial ecosystems, sustainably managing forests, combat desertification, and halt and reverse land degradation, and halt biodiversity loss" cannot be achieved if no steps are taken to conserve biodiversity and use its components sustainably.

Shoolini University, Solan, India, is hosting an international conference on "Technological Advance for Sustainable Development Toward Biodiversity Conservation" from February 22-24, 2024, in collaboration with the Indian Science Congress Association (Chandigarh Chapter) and the Zoological Society of India. The aim of the conference is to bring together leading academic scientists, researchers, and research scholars from around the world to exchange and share their experiences and research findings on all aspects of biodiversity conservation and sustainable development. It will also provide an interdisciplinary platform for researchers, practitioners, and educators to present and discuss the most recent innovations, trends, and concerns in the field of Biodiversity Conservation and Sustainable Development, as well as practical challenges encountered, and solutions adopted.

About Shoolini University

Shoolini University is a young, research-focused, philanthropic private university founded by leading academicians and professionals. Since its inception in 2009, this dynamic and innovative learning centre has emerged as one of India's leading multi-disciplinary universities, ranking highly both nationally and internationally. It has been ranked No. 1 private university in India and No. 2 among both private and public Indian universities in the prestigious Times Higher Education (THE) World University Rankings for 2023. In the subject wise rankings, Shoolini has been placed in top 201 to 250 band globally in both engineering and physical sciences. The university is also one of India's top patent and innovation generators. Shoolini is uniquely located in Kasauli Hills at Solan in Himachal Pradesh, about 1.5-hour drive from Chandigarh and a one-hour drive from Shimla. Built in the middle of a pine forest, the university has one of India's modern, clean, and inspiring campuses.

About Zoological Society of India

The Zoological Society of India (ZSI) is the oldest academic body in India, established on 7 January 1938 at Lahore, with the primary objective of providing a platform for quality academics and research in the field of Zoology and related allied fields. Since its inception, the Society has progressed steadily under the able guidance of Prof. B.N. Pandey (President, 251) and is flying high towards reaching higher standards in the pursuit of academic and research impact and outreach, furthering its objectives. The Society holds annual All India Congress of Zoology and conducts simultaneous National/International seminars, symposia, and conferences for brainstorming discussions and promulgation of the recent advances in the Zoological sciences. This endeavour serves as a prestigious meeting point for researchers/ academicians / scientists/experts in the field, the student community, and the society. The Zoological Society of India has successfully completed 85 years of its journey, and till date has organized 34 All India Congresses of Zoology at different central and state universities across India. It is headquartered at Gaya, Bihar, and has one branch office at Babasaheb Bhimrao Ambedkar (Central) University, Lucknow, Uttar Pradesh: besides six regional centres located at Agra, Aurangabad, Satna, Chennai, Lucknow, and Jaipur. The Society annually confers Fellowships and has instituted 20 Awards/Medals to encourage the academic and research community. The Zoological Society of India also publishes a biannual peer- reviewed, and indexed Journal, the "Proceedings of the Zoological Society of India" which enjoys a prestigious position in the academia. Presently Prof. B.N. Pandey is the President and Prof. Kamal Jaiswal is the Secretary General of this Society.

Theme - Biodiversity and Sustainable Development Goals

Sub Themes:

- Current aspects in Biodiversity Systematics
- Biodiversity and Sustainable livelihood
- Bio-innovations towards sustainable development
- Natural products for human health and welfare
- Molecular systematics of Biodiversity
- Environment, climate change and biodiversity
- Information Technologies (GIS, Remote Sensing, etc.) for Biodiversity Conservation
- Sustainable agricultural practices for Biodiversity conservation and food security

Submission of Abstracts

Participants are invited to submit abstracts (limited to 300 words) for their oral/poster presentations online by **January 20, 2024** . Each abstract should include 3-5 keywords.

Online Submission of Abstracts: ictsbc2023@gmail.com

Conference Awards

Under each subtheme, the Organizing Committee of 'ICTSBC-2024' will bestow the following awards:

1. Award for Best Oral Presentation
2. Award for Best Poster Presentation

Registration

Participants	Indian nationals	Foreign nationals
Research scholars & students	INR 2000	US\$ 100
Faculty/Academicians/Others	INR 5000	US\$ 200
Accompanying Person	INR 2000	US\$ 100

Registration & payment links

Registration:

<https://forms.gle/oQ8WNgscRcymENNn7>

Payment:

<https://rzp.io/l/yVcNkN3fl>

Last date for registration:
31st January, 2024

Registration fee includes conference kit, breakfast, working lunch, and valedictory high tea on the conference days.

Accommodation

Accommodation for participants will be provided in Shoolini University's guest houses /hostels on payment basis. Hotel accommodations near the campus can also be arranged on payment basis (current rates range from Rs. 4000/- to Rs. 5000/-).

Weather

Solan has a pleasant climate, with an average temperature of 29°C during the day and 19°C at night.

How to reach Shoolini University, Solan

Shoolini University is located at Solan. It is about 300 kilometers from Delhi and 70 km from Chandigarh. It is connected to the rest of India by road, rail (Nearest railway stations: Solan, Kalka, Chandigarh) and air (Nearest airport: Chandigarh).

Organizing Committee

Chief Patrons

Prof PK Khosla, Chancellor, Shoolini University

Prof RC Sobti, Padma Shri, Professor (Emeritus), Shoolini University

Patrons

Mrs Saroj Khosla, President, Foundation for Life Sciences and Business Management

Mr Vishal Anand, Pro Chancellor, Shoolini University

Prof Atul Khosla, Vice Chancellor, Shoolini University

Prof B.N. Pandey, President, Zoological Society of India

Convenors

Prof JM Julka, School of Biological & Environmental Science, Shoolini University

Prof Sunil Puri, Dean, Faculty of Science & Registrar, Shoolini University

Co-Convenors

Dr Kamal Jaiswal, Professor of Zoology, Babasaheb Bhimrao Ambedkar University, Lucknow

Dr Vipin Sobti, Former Principal, Govt. College Mohali

Organizing Secretaries

Dr Rachna Verma, Associate Professor, Faculty of Science, Shoolini University

Dr Santanu Mukherjee, Assistant Professor, Faculty of Agriculture, Shoolini University

Dr Ritesh Banerjee, Assistant Professor, Faculty of Science, Shoolini University

Address for Correspondence

Organising Secretary

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