

About Him Science Congress Association (HSCA)

The Him Science Congress Association was established with the vision of "Promoting Excellence in Sciences," particularly in Himachal Pradesh. Over the past 12 years, HSCA has played a significant role in fostering scientific culture in the region. The association aims to bring together pioneers from various scientific fields to inspire and motivate young scholars. Committed to the promotion of science, HSCA has actively supported initiatives such as the Children Science Congress, organized by the Department of Science & Technology, Government of Himachal Pradesh and supported many scientific programs organized in different institutes of the state. It has also conducted a series of skill development and motivational lectures for school children in rural areas. With a strong network of over 500 life members, HSCA continues to contribute to the advancement of science in the state. The association has successfully organized numerous National and International Conferences, held at prestigious venues including Shoolini University, Solan, Himalayan Forest Research Institute, Shimla, Vallabh Government College, Mandi, Hotel Inlover, Dharamshala, Atal Bihari Vajpayee Institute of Mountaineering & Allied Sports, Manali, NIT Hamirpur, Chitkara University, Himachal Pradesh, E-Conference, Sardar Patel University (SPU) Mandi, Hotel Inlover Dalhousie (2023) and Government Degree College, Bilaspur (2024) These conferences have received sponsorship from various esteemed funding agencies, including DST, DRDO, ISRO, BRNS, SJVN, and Himachal Tourism. Beyond organizing conferences, HSCA has taken a proactive approach in supporting education by adopting and supporting schools in remote areas of Himachal Pradesh, furthering its mission to cultivate scientific awareness and education across the state.



Some activities to promote Science in schools



About ICFRE-Himalayan Forest Research Institute (HFRI), Panthghati, Shimla Himachal Pradesh

The ICFRE-Himalayan Forest Research Institute (HFRI), Shimla, is a premier institute under the ICFRE(MoEF & CC, GOI). It plays a crucial role in forest research, conservation, and sustainable management of the fragile Western Himalayan ecosystem. Originally set up in 1977 as a regional center of the Forest Research Institute (FRI), Dehradun and became an independent research institute in 1998 under the ICFRE, Dehradun. It is located in Panthghati, Shimla, Himachal Pradesh, strategically positioned in the Western Himalayas to study high-altitude forest ecosystems. The Institute has been set up to further the goals of ICFRE as embodied in its Mission Statement "to generate, preserve, disseminate and advance knowledge, technologies and solutions for addressing issues arising out of interaction between people and forests and environment on a sustained basis through research, education and extension" and the specific goal of contributing research inputs for long term conservation of Western Himalayan forests and forest ecosystems. HFRI collaborates with several organizations for joint research projects including CFRE (Indian Council of Forestry Research and Education), Ministry of Environment, Forest & Climate Change (MoEF&CC), Himachal Pradesh Forest Department, National Biodiversity Authority (NBA) and DST, DRDO, ISRO and other funding agencies.

About Shimla

Shimla, the capital of Himachal Pradesh, is a picturesque hill station known for its colonial charm, scenic landscapes, and pleasant climate. Nestled in the western Himalayas at an altitude of 2,205 meters, it served as the summer capital of British India and retains its historic architecture, including Christ Church, Viceregal Lodge, and the Gaiety Theatre. The Ridge and Mall Road are bustling hubs of tourism, while nearby attractions like Kufri, Jakhoo Temple, and Naldehra offer adventure and serenity. Shimla is also a center for education and research, housing institutions like Himachal Pradesh University and the Indian Institute of Advanced Study. With ongoing smart city initiatives and eco-tourism efforts, Shimla continues to blend heritage with modern development, while striving for sustainable growth.



Transportation

Shimla is well-connected to major cities via road, rail and air. Luxury & AC Volvo buses from Delhi (ISBT Kashmere Gate) run over night. One can reach Shimla from different parts of India: By road, Shimla has an excellent road network, making it the most convenient way to travel. From Delhi (342 km, 7-8 hours) – NH-44 & NH-5 via Chandigarh, frequent buses from ISBT Kashmere Gate. From Chandigarh (114 km, 3-4 hours) – NH-5, smooth drive through Kalka and Solan and from Dehradun (227 km, 6-7 hours) – via Paonta Sahib & Solan. By train the Kalka-Shimla Railway, a UNESCO World Heritage Site, offers a scenic narrow-gauge journey. Nearest Broad-Gauge Station: Kalka (90 km from Shimla) and major Trains to Kalka include Kalka Shatabdi Express (from New Delhi, 4 hours), Himalayan Queen Express (from Delhi, 5-6 hours), Paschim Express & Howrah-Kalka Mail (connects Mumbai & Kolkata). By air nearest Airport is Shimla Airport (Jubbarhatti) – 22 km from the city.

Places to Visit

Shimla, known for its colonial charm, scenic landscapes, and pleasant climate, offers a mix of heritage sites, nature spots, and adventure activities. Here are some must-visit places in Shimla: **The Ridge, Mall Road, Christ Church, Jakhoo Temple, Kufri & Naldehra & Golf Course, Indian Institute of Advanced Study (IIAS).**

The 12th HSCA

International Conference on

Sustainable Materials and Bio-Resource Integration: Bridging Technology & Traditional Knowledge (June 14-15, 2025)

This is the 12th conference in the series on a theme 'Science' organized by Him Science Congress Association, Himachal Pradesh, India. This conference is being organized at **Conifer Camus of Himalayan Forest Research Institute (HFRI), Panthghati, Shimla Himachal Pradesh** on June 14-15, 2025. This conference serves as a dynamic platform for delegates to exchange innovative research ideas, applications, and experiences. It also provides an opportunity to establish business and research collaborations and connect with global partners for future endeavors. We invite researchers to submit abstracts (200-300 words) relevant to the theme and scope of the conference.

IMPORTANT DATES & DEADLINES

Submission of Abstract	-	20 May, 2025
Acceptance of Abstract	-	22 May, 2025
Registration fee submission	-	23 May, 2025

SUBMISSION OF ABSTRACTS

The abstract of research work is invited for presentation in 12th International Conference of HSCA. Abstract should not be more than 300 words containing title, name of author, affiliation/Institution's name followed by email id, keywords. Name of presenting author should be bold.

Last date for Abstract submission is 20 May, 2025.

Authors have to submit their abstract in the desired format through Google Form Link: <https://forms.gle/rxuGSoHy3YRGQnv26>



SCOPE OF CONFERENCE

- * Agriculture Sciences
- * Chemical Sciences
- * Mathematical Sciences
- * Bio Engineering
- * Medical Science
- * Biological Sciences
- * Environmental and Earth Sciences
- * Physical Sciences
- * Material Science

Special Session-I - "Panel Discussion on Sustainable Environment and Role of Youths" at 4pm Day-1.

Special Session-II –Contribution of Indian Knowledge System to the Sciences at 9am Day-2

AWARDS

- Best Oral as well as Best Poster Presentation Award (1st and 2nd) including two consolation prizes will be awarded in each section during the valedictory session.

HSCA Innovation Award-2025

During the first day the conference, project display will be scheduled. Interested students from Shimla, may display their working science projects between 11:00 am to 01:00 pm on 14 May, 2025.

Following will be the eligibility criteria:

1. Class 8-12th Students
2. Students with ID cards issued from school or participation letters duly signed by the Principal of the school.
3. Projects should be innovative and working
4. Project should be a science project

Awards and Certificates:

1. First Position Rs 5000
2. Second Position Rs 3000
3. Third Position Rs 2000
4. Fourth Position Rs 1000

- All participants will also get certificate of participation.

CHOFFLA AWARDS OF SCIENCE SCHOLARSHIP(2025)

Detailed Instructions

The Him Science Congress Association (HSCA), Himachal Pradesh, is pleased to announce the introduction of two Science Scholarships starting from 2024 onwards. These scholarships aim to inspire and support meritorious students from economically weaker section of the society to pursue careers in science. HSCA firmly believes that this initiative will significantly impact the lives of aspiring students and contribute to the educational landscape of the region, fostering both academic excellence and future aspirations.

These scholarships are generously sponsored by Valley Agro Foods, Chamba (Himachal Pradesh), an esteemed Industrial Life Member of HSCA. Below are the details of the scholarships:

1. Names of the Scholarships

- A. Late Shri Kuldeep Chand Chowfla Science Scholarship (KCCSS)
- B. Late Shrimati Kushal Chowfla Science Scholarship (KCSS)

THE 12th HSCA INTERNATIONAL CONFERENCE

June 14-15, 2025

on
**SUSTAINABLE MATERIALS AND BIO-RESOURCE
INTEGRATION: BRIDGING TECHNOLOGY AND
TRADITIONAL KNOWLEDGE**

at
ICRFE - Himalayan Forest Research Institute
(MoEF & CC, GOI)
CONIFER CAMPUS
Panthaghati, Shimla, Himachal Pradesh-171 013
Organized by



Him Science Congress Association
Promoting Excellence in Sciences

HIM SCIENCE CONGRESS ASSOCIATION

in
Collaboration with



ICFRE-HFRI, Shimla
Himachal Pradesh, India

www.hsca.in

SUBMISSION OF REGISTRATION FEE FOR CONFERENCE

A/c No. 0433000100750320 payable at Punjab National Bank, School Bazar, Mandi, Himachal Pradesh (IFSC code: PUNB0337700; SWIFT Code: PUNBINBBSB) and send the receipt to hscahp.conference@gmail.com.



CONFERENCE COMMITTEE

Chief Patrons

Dr. Sandeep Sharma Prof. Bhuvanesh Gupta

Patrons

Prof. Deepak Pathania Prof. B. C. Chauhan

Co-Patrons

Prof. Rajesh Kumar Sharma Prof. Sita Ram Sharma

Conference Chairmen

Dr. Jagdeep Verma Dr. Rakesh Thakur Dr. Sunil Kumar

Conveners

Dr. Susheel Kalia Dr. Arush Sharma Dr. Ajay Kumar

Organizing Secretaries

Dr. Rohit Jasrotia Dr. Chetna Verma Dr. Nitesh Kumar

Joint Organizing Secretaries

Dr. Rahul Kalia Dr. Manjula Dr. Dixit Sharma

Coordination Team of ICFRE-HFRI, Shimla

Dr. Pawan Kumar, Scientist-F Dr. Swaranlata Negi, Scientist-F
Nodal Officer and Organizing Secretary Co-organizing Secretary

International Advisory Committee

Prof. Hyman Bass, Michigan, USA
Prof. Changsheng Guo, China
Prof. Mu Naushad, Saudi Arabia
Prof. K. Shiohama, Japan
Prof. P. P. Shrestha, USA
Prof. Enza Tonno, Italy
Prof. H. C. Swart, South Africa
Prof. Griesleda Barrera, Brazil
Prof. Ajay K Mishra, South Africa
Prof. Atsushi Suzuki, Yokohama, Japan
Prof. Sangeeta Kumari, Ireland
Prof. Rauf Z. Bakhtizin, Russia
Prof. Yeliz Karaca, USA
Prof. Pramen P. Shrestha, Las Vegas USA
Prof. M. Panayotova, Bulgaria
Prof. Guenther Scherer PSI, Switzerland
Prof. Didier Letourneur, INSERM Paris, France
Prof. Joelle Amedee, Bordeaux, France
Prof. Philippe Roger, UPS, France
Prof. Joens Hilborn, Univ Uppsala, Sweden
Prof. Laura Teodori, Rome Univ., Italy

National Advisory Committee

Prof. Adarsh Pal Vij, Chairman PPCB, Patiala, India
Prof. S. K. Mehta, Ex VC, Ladakh University, India
Prof. B.S. Kaith, NIT Jalandhar, India
Prof. Dinesh Kumar Vats, CSKU, HP, India
Prof. A K Srivastava, Jaunpur, Uttar Pradesh, India
Prof. N. C. Kotiyal, NIT Jalandhar, India
Prof. Rajesh Sharma, HPU Shimla, India
Prof. Duni Chand, HPU Shimla, India
Prof. Anupama Sharma, PU, Chandigarh, India
Prof. Sunil Dhar, Central University of Jammu, India
Prof. Richa Kothari, Central University of Jammu, India
Prof. R. K. Moudgil, KU, Kurukshetra, India
Prof. Sitender Sharma, IIT Mandi, HP
Prof. Hitender Tyagi, KU, Kurukshetra, India
Prof. Jyoti Choudhary, MSU Udaipur, India
Prof. Sunita Rattan, Amity University, Noida, India
Prof. Sunil Thakur, Central University, HP, India
Prof. Shivraj Singh, CCS University, Meerut, India
Prof. Dilip Vasava, Gujarat University Ahmedabad, India
Prof. Pawan Sharma, NIT Hamirpur, India
Prof. Rakesh Kumar, Central University, HP, India
Prof. Parkash Pathania, Scientist, ZSI
Prof. Harinder Singh Banyal, Chairman,
Deptt. of Biosciences, HPU Shimla, India

Organizing Committee

Dr. Sarita Pathania Mr. Nitin Sharma Ms Palak Ahir
Ms. Sunaina Sharma Mr. Praveen Mr. Gaurav Swaroop Verma
Ms. Palak Verma Mr. Vishal Thakur Ms. Tamanna Singh Thakur

2. Nature of the Scholarships

Each scholarship will consist of a one-time cash prize of INR 11,000 (eleven thousand rupees) each. Additionally, awardees will receive a life membership card of the association along with two cheques:

The first cheque, worth Rs 10,000/-, will be issued in the awardee's name.

The second cheque, worth Rs 1,000/-, will be issued in the name of HSCA to cover the life-time membership fees for the awardees.

3. Eligibility Criteria

Eligible candidates must be meritorious students class 12th (Medical and Non-Medical) from the district where the international conference of HSCA is scheduled for that particular year.

Applicants should belong to the economically weaker sections of society (should carry a certificate from the competent authority) and must have opted for science as a career at the B.Sc. (Medical and Non-Medical) first-year level.

The list of eligible students for all colleges of district will be obtained from the office of the Director of Higher Education/Principal.

4. Felicitation

The scholarship cheques will be presented to the awardees in person during the Inaugural function of the international science conference i.e 14 May, 2025.

YOUNG SCIENTIST/YOUNG RESEARCHER AWARD

Young Scientist/Young Researcher Award, Guidelines for the young scientist/young researcher award is on the website of HSCA (www.hsca.in).

GUIDELINES

1. Applicants must be the life member of HSCA.
2. The participant below 40 years of age are eligible for Young Scientist Award.
3. The participant below 35 years of age are eligible for Young Researcher Award.
4. Applicant must have minimum 10 SCI publications with minimum h-index of 10.
5. Full length paper will be evaluated by the experts and the selected Young Scientist/Researcher in each section will be invited to make oral presentation of their paper during 12th International HSCA conference.
6. The last date for receiving full length paper for young scientist/researcher award is May 30, 2025 on the e-mail: hscahp.conference@gmail.com.
7. The final selection for the award will be made by a duly constituted committee (50% on the CV basis and remaining 50% on the basis of performance of the candidate during oral presentation) and the award will be given during the valedictory ceremony.

ACCOMMODATION

Accommodation will be available on paid basis, please contact:

Dr Pawan Rana (Mob.-9418055916)

REGISTRATION FEE

Category (Per Individual)	Indian Participant	International
HSCA life members (Academicians)	Rs. 2000/-	-
HSCA life members (Research Scholars)	Rs. 1000/-	-
Academicians/Scientist	Rs. 3000/-	\$300
Research Scholars	Rs. 1200/-	\$200
Industry	Rs. 4000/-	\$400
Students(UG/PG)	Rs. 800/-	\$50
Traditional Industry Exhibition	No Fee	
Others Industry Exhibition	Rs. 5000/-	

*The fee includes 1 high tea, 2 snacks & 2 lunches during the conference days.