



# 4<sup>TH</sup> INTERNATIONAL WEED CONFERENCE

**Technological innovations in weed management for climate resilient sustainable agri-food systems**

18-21 November, 2026

**VENUE**  
Punjab Agricultural University  
Ludhiana, Punjab, India



## ORGANIZERS

Indian Society of Weed Science, Jabalpur  
Punjab Agricultural University, Ludhiana  
ICAR - Directorate of Weed Research, Jabalpur  
Indian Council of Agricultural Research, New Delhi  
Website: <https://www.isws.org.in/Conference/>

## ABOUT CONFERENCE

Weeds are a major biotic constraint that pose a significant threat to crop and non-crop areas. Among several weed management options in place, herbicide-based weed management is considered easier, more cost-effective and economical. However, continuous use of similar herbicides in crops/ cropping systems leads to the evolution of herbicide resistance in weeds. Globally, 535 cases of herbicide resistance have been reported and the cases are increasing. Climate change poses additional threats to agriculture, more so on the efficiency of weed management practices exercised in crops. It affects weed flora dynamics & distribution, reduces herbicide efficacy, and alters cropping patterns. The invasive and parasitic weeds, along with the unrestricted and injudicious use of herbicides also affects the environment. Changes in crop establishment methods that alter weed flora and their severity can also make management more difficult. These call for integrated weed management options/ practices, combining cultural/ ecological, mechanical & manual, biological, and chemical methods, which may serve as a panacea and can give better, longer, and efficient weed management. Further, precision weed management using digital technologies may spearhead the integrated weed management to newer heights.

The Indian Society of Weed Science (ISWS), established in 1968, is a professional society dedicated to advancing weed science in India. The society actively promotes research, education, and extension activities related to weed management. It serves as a platform for disseminating science-based information to the public, researchers and policymakers, while also raising awareness about the invasive and noxious weeds through seminars, workshops and conferences.

The 4<sup>th</sup> International Weed Conference (IWC) will provide a valuable platform to all stakeholders (researchers, academicians, industry professionals and policymakers) to exchange ideas, share innovations, showcase promising technologies, and learn from leading experts in various domains of weed science. There are several key sub-themes of the conference mentioned above. Precision weed management using digital technologies such as artificial intelligence (AI)/ machine learning (ML), remote sensing, GIS, drones offer possibilities for accurate weed identification and effective control. Weed management in relation to climate variability, noxious, perennial and invasive weeds will also be dealt in this conference. Several new promising farmers-friendly technologies will be presented as well for weed management. It will also serve as a memorable occasion for ISWS members from India and abroad to reconnect and strengthen collaborations.

## ABOUT VENUE

Punjab Agricultural University (PAU), established in 1962 in Ludhiana, stands at the heart of India's agricultural transformation. Born out of the urgent need to revive Indian agriculture after the Partition, PAU became the crucible of innovation during the Green Revolution. It played a defining role in transforming Punjab into India's breadbasket, driving food production through science, technology, and grassroots outreach. The university's achievements have been nationally recognized with the ICAR's Best Institution Award in 1995 and 2017. In 2025, PAU entered EduRank's top 100 global agricultural institutions and secured the number one spot among India's agricultural universities as per both NIRF (2023 and 2024) and IIRF (2025) rankings. PAU houses six constituent colleges, 32 departments, and three schools offering 10 undergraduate, 46 postgraduate, and 30 doctoral programs. It also offers diplomas and certificates in agricultural and allied fields. With 970 crop varieties and hybrids released to date, including 229 nationally notified ones, PAU's contributions to Indian agriculture are unmatched. Every breakthrough, every trained student, and every variety released brings India a step closer to a sustainable and food-secure future.





## IMPORTANT DATES

Abstract submission deadline:	31 July, 2026
Date of Abstract Acceptance:	30 August 2026
Early bird registration deadline:	30 September, 2026
<b>Awards Application Submission Starts: 1 July 2026</b>	
Last Date to Apply for Awards:	15 September 2026



## CONFERENCE THEME

# Technological innovations in weed management for climate resilient sustainable agri-food systems

## CONFERENCE SUB-THEMES

Weed biology, ecology and dynamics in the context of climate change

Precision weed management using digital technologies

Weed management challenges in regenerative agriculture

Integrated weed management in crops and cropping systems

Innovative weed management in non-cropped areas and aquatic environment

Advances in biological weed control and weed utilization

Herbicide persistence, residues, risk assessment and mitigation

Weed threat to biodiversity and socio-economic implications

Herbicide-tolerant crops: Weed management implications

Herbicide-resistant weeds: Mechanism and management strategies

Weed science education, extension and impact assessment

Renowned weed scientists from India and abroad have been identified for Plenary, Key Note, Lead papers presentation to address the current status of research in the respective technical sessions.

## SATELLITE SYMPOSIA

WEED SCIENCE EDUCATION AND RESEARCH METHODOLOGIES STUDENTS-SCIENTISTS BRAINSTORMING

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING FOR PRECISION WEED MANAGEMENT

HERBICIDE RESISTANCE AND HERBICIDE-TOLERANT CROPS CHALLENGES AND OPPORTUNITIES IN WEED MANAGEMENTS

SMART-WEED MANAGEMENT INNOVATIONS OF HERBICIDE INDUSTRIES

SCALING WEED MANAGEMENT TECHNOLOGIES FOR DIRECT-SEEDED RICE

FARMERS-SCIENTISTS BRAINSTORMING

BIOLOGICAL WEED CONTROL

## PRESENTATIONS

There will be five categories of presentations:

KEYNOTE LECTURES

PLENARY LECTURES

LEAD LECTURE

ORAL LECTURE

POSTER

## INVITATION TO SUBMIT ABSTRACTS

The participants are invited to submit their abstracts online as per the guidelines available on the website. Abstract submitted for oral presentation will be reviewed and selected on merit for inclusion in the programme. All abstracts submitted for poster presentation will also be reviewed and accepted. Abstracts not conforming to the guidelines will not be accepted. If an abstract is submitted for an oral presentation, but not accepted as a platform presentation, the authors will be invited to present it as poster instead. Only one abstract will be allowed as a senior author. Notification of acceptance/rejection of the paper will be sent via email to the corresponding author only. No paper will be included in the proceedings without the payment of registration fee.

## REGISTRATION FEE

The registration fee includes the conference kit, access to conference sessions, tea/snacks during session breaks, and working lunch. It does not include accommodation charges. Registration kits will not be provided to accompanying persons. Indian delegates can pay their registration fees online through CC Avenue given on the website. The foreign delegates are requested to submit the registration fees through PayPal or CC Avenue. Links for payment of registration fees are available on the website.

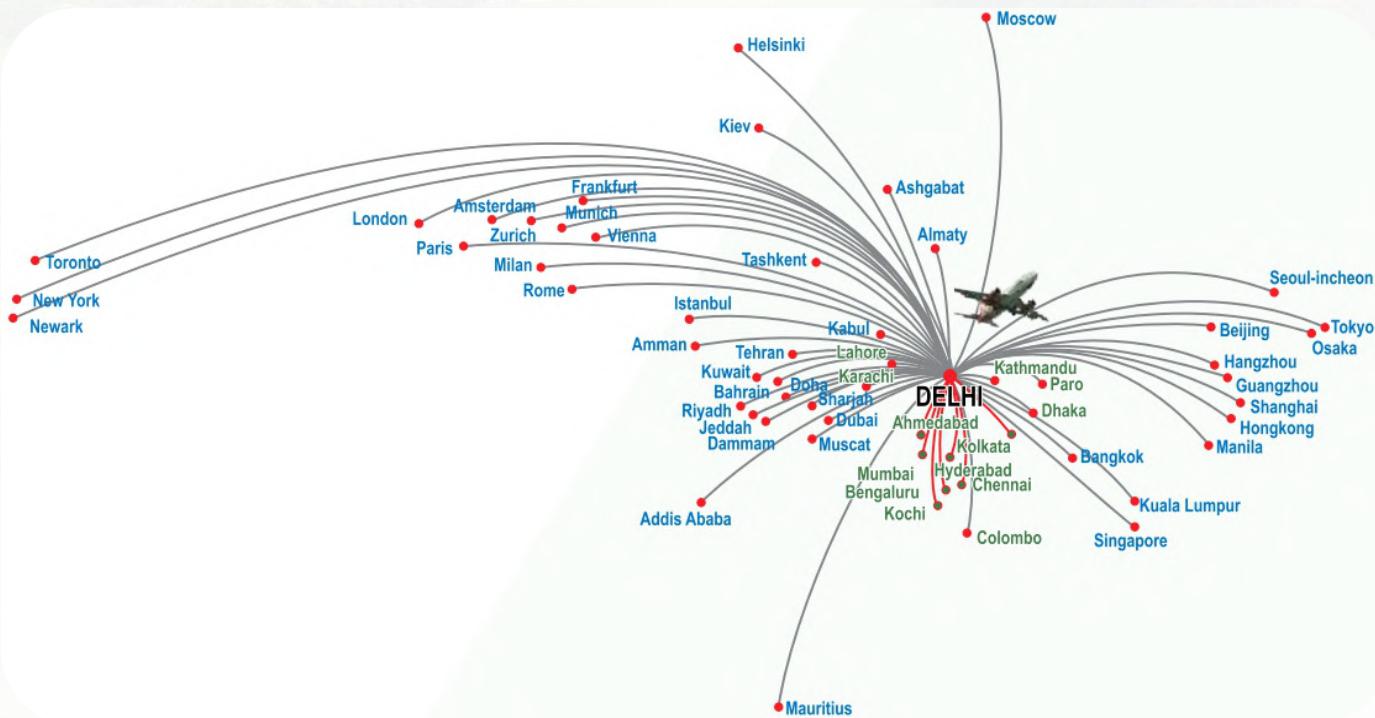
Category	Before 30 September 2026	1 to 30 October 2026	Spot Registration
<b>Indian participants</b>			
ISWS members	₹ 8,000	₹ 8,500	₹ 9,000
Retired ISWS members	₹ 4,000	₹ 4,500	₹ 5,000
Non-ISWS members	₹ 9,000	₹ 9,500	₹ 10,000
Students (ISWS members)	₹ 4,000	₹ 4,500	₹ 5,000
Students (non-ISWS members)	₹ 5,000	₹ 5,500	₹ 6,000
Accompanying person	₹ 4,000	₹ 4,000	₹ 4,000
Industry representatives	₹ 20,000	₹ 21,000	₹ 22,000
<b>Overseas participants</b>			
ISWS members	US\$ 300	US\$ 325	US\$ 350
Non-ISWS members	US\$ 400	US\$ 425	US\$ 450
Overseas students	US\$ 150	US\$ 175	US\$ 200
SAARC countries	US\$ 150	US\$ 175	US\$ 200
Accompanying person	US\$ 150	US\$ 150	US\$ 150
Industry representatives	US\$ 400	US\$ 450	US\$ 500

## SPONSORSHIPS

Opportunities are available for sponsoring this conference by the industry, and other private and government organizations. The categories of sponsors and the associated privileges are given on the conference website. Exhibition stalls will be available for showcasing the products and technologies. Interested agencies can contact the ISWS President, Organizing Secretary or Local Organizing Secretary for the purpose.



## CONNECTIVITY



## AVERAGE FLYING TIME

Asia / Pacific	Europe / Africa	North America	South America
Bangkok, Thailand	5hrs	Berlin, Germany	17hrs
Beijing, China	6hrs	Johannesburg, SA	16hrs
Dhaka, Bangladesh	3hrs	London, England	16hrs
Jakarta, Indonesia	11hrs	Madrid, Spain	17hrs
Kuala Lumpur, Malaysia	6hrs	Milan, Italy	19hrs
Sydney, Australia	15hrs	Paris, France	18hrs
Tokyo, Japan	8hrs	Atlanta, USA	21hrs
		Chicago, USA	Caracas, Venezuela
		Los Angeles, USA	19hrs
		Mexico City, Mexico	15hrs
		Miami, USA	16hrs
		Montreal, Canada	15hrs
		New York, USA	16hrs
		Toronto, Canada	15hrs
		Vancouver, Canada	15hrs
		<b>South America</b>	
		Buenos Aires, Argentina	21hrs
		Caracas, Venezuela	19hrs

## DELHI TO LUDHIANA

Indira Gandhi International Airport at Delhi is the hub of several Indian and International Airlines linking the Capital city to the rest of the World. The airport recorded a traffic of more than 23 million passengers making it one of the busiest airports in South Asia.

### Air Connectivity:

There are numerous flights connecting Indira Gandhi International Airport in Delhi to several airport in Ludhiana.

- Sahnewal Airport (LUH) is located within the city limits, making it easily accessible.
- Chandigarh International Airport (IXC) is situated 112.6 km away from Ludhiana, serving as another option for air travel.
- Sri Guru Ram Dass Jee International Airport, Amritsar (ATQ) is located 155.4 km away from Ludhiana city offering additional flight option.

### Rail Connectivity:

Ludhiana is a major railway junction and is well-connected to various parts of the country.

### Road Connectivity:

National Highway 44 (NH-44) provides excellent road access to Ludhiana

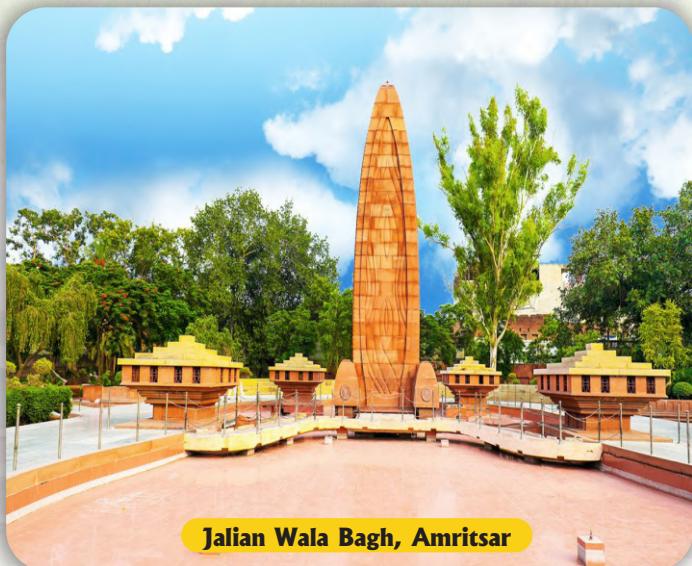
## TOURIST PLACES NEAR LUDHIANA



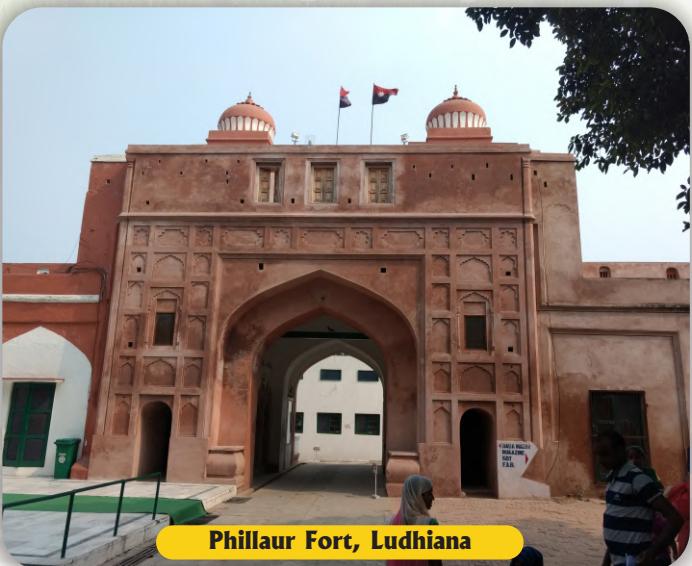
Golden Temple, Amritsar



Vaishno Devi Temple, Jammu



Jalian Wala Bagh, Amritsar



Phillaur Fort, Ludhiana



Wagah Border, Amritsar



Kullu Manali

## Travel Desk

Suitable agency will be identified as our official Travel Partner who will take all your queries and provide services related to travel, excursions at your cost. There are large number of tourist places in and around Ludhiana.

## Accommodation

Limited guest house accommodation is available, which will be given to only invited guests, therefore, participants have to book accommodation by themselves. A few female students can be accommodated in dormitory type of accommodation at venue premises on "FIRST-COME, FIRST-SERVED BASIS". A wide range of hotels with tariffs ranging from INR ₹ 2000 to ₹ 12000 per room per day are available in the city within a distance of 2-10 km from the Conference venue. For the benefit of the delegates, the organizers will negotiate with some nearby selected hotels for discount. The list and contact details of such hotels along with tariff will be updated on the website in due time. There is limited hotel accommodation near the venue within 2 km, therefore, participants are advised to book the nearby hotels as soon as this information is posted on the website.

## Transport

No transport facility will be provided by the organizers from Airport/Railway stations to the Hotels or Guest houses and venue. Therefore, participants are advised to stay in nearby hotels.

## CONTACT

### Dr. T.K. Das

Organizing Chairman  
4<sup>th</sup> International Weed Conference &  
President, The Indian Society of Weed Science &  
Principal Scientist, ICAR-Indian Agricultural Research Institute  
New Delhi-110 012, India  
Mobile: +91 9868128266 | E-mail: tkdas64@gmail.com

### Dr. V.K. Choudhary

Organizing Secretary  
4<sup>th</sup> International Weed Conference &  
Secretary, Indian Society of Weed Science &  
Principal Scientist, ICAR - Directorate of Weed Research  
Jabalpur 482 004 (M.P.)  
Mobile: +91 9425244075 | E-mail: iswsjbp@gmail.com

### Dr. Makhan Singh Bhullar

Organizing Co-Chairman  
4<sup>th</sup> International Weed Conference &  
Director of Extension Education  
Punjab Agricultural University  
Ludhiana, Punjab 141004, India  
Mobile: +91 9872811350 | E-mail: bhullarms@pau.edu

### Dr. Hari Ram

Local Organizing Secretary  
4<sup>th</sup> International Weed Conference &  
Head, Department of Agronomy  
Punjab Agricultural University  
Ludhiana, Punjab 141004, India  
Mobile: +91 9501002967 | E-mail: hari\_ram@pau.edu

## CONFERENCE SECRETARIAT ADMINISTRATION

### Mr. Gyanendra Pratap Singh

Office Manager, Indian Society of Weed Science  
ICAR-Directorate of Weed Research, Jabalpur 482004, India  
Mobile: +91 9300127442 | E-mail: iswsjbp@gmail.com



<https://www.isws.org.in/Conference/>