



शिक्षा मंत्रालय  
MINISTRY OF  
EDUCATION



**First Circular**



**SPARC Sponsored International Conference  
on**

# **Deciphering the Potential of Climate-Resilient Functional Crops for Sustainable Agriculture and Agro-Industries (DPCFC-SAAI-2026)**

**In Collaboration with Massey University, New Zealand**

**February 25-27, 2026**

**Hybrid mode**



**SCAN ME**

**Chaudhary Charan Singh  
Haryana Agricultural University  
Hisar- 125004 (Haryana) India**

## About the University



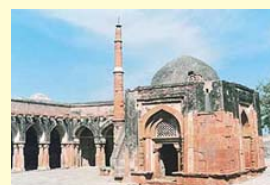
Chaudhary Charan Singh Haryana Agricultural University located at Hisar in the Indian state of Haryana, named after India's seventh Prime Minister Chaudhary Charan Singh, is one of the biggest agricultural universities of the country that has made a special niche at global level. The University has made its mark in agricultural research, in developing new technologies like conservation agriculture, direct seeded rice, herbicide resistance management for overall improvement in the crop productivity of the state. With the development of 305 varieties of various crops including cereals, pulses, oilseeds, fiber and sugar crops, vegetables & fruit crops, the university has brought a smile on the faces of all stakeholders.

CCS HAU has been constantly upgrading itself by embracing new technologies and entering partnerships with premier national and international institutions. MoUs/agreements have been signed for collaboration with international institutes in USA, UK, Australia, Czech Republic, Poland, New Zealand, Philippines, Kazakhstan and Tanzania to pave the way for scientific and academic excellence. The University is contributing significantly towards achieving nutritional security, sustainability, wellness and is open for new partnerships in research, teaching and extension.



## About the City

Once known as Hisar-e-Firoza by its founder ruler Firoz Shah Tughlaq in the year 1354 AD with several historical buildings such as fort, palaces, tombs, mosques, gates and gardens. Some of the monuments are still in good state of preservation. It is situated 180 km West of the National Capital Delhi at NH 09 in the state of Haryana and it is well connected by rail/road with all the nearby major cities. The nearest international airport is Indira Gandhi International Airport, New Delhi. Several educational institutions including reputed universities like CCS Haryana Agricultural University are established in Hisar apart from ICAR institutes like CIRB, NRC Equines and Northern Region Farm Machinery Training & Testing Institute. Around the Hisar city, ancient site of Rakhigarhi, one of the five known biggest townships of Harappan civilization on Indian sub-continent, and ancient site of Agroha, traditionally believed to be the Capital of the legendary king Maharaja Agrasen can be visited. The industrial policy of the government has attracted large number of entrepreneurs and presently it is also known as the Steel City of Haryana

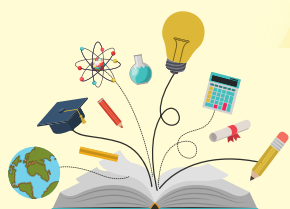


## Climate

By the end of February 2026, Hisar is likely to experience pleasantly warm days with average highs around 25–26°C and mild nights near 11–12°C. Sunshine increases toward month-end, averaging about 10 hours per day, making the weather bright and clear. Rainfall remains low during this period, and humidity gradually decreases, staying near 66%, giving the days a comfortable & dry feel.

## Aims and Objectives of the Conference

Chaudhary Charan Singh Haryana Agricultural University (CCSHAU), Hisar is one of the oldest and leading agricultural universities of the country that has made rapid strides and occupies a position of prominence among the agricultural universities of the country. The university is proud to have created a splendid infrastructure for education, research and extension in the fields of Agriculture, Agri business, Agricultural Engineering & Technology, Community Science, Fisheries Science, Biotechnology and Basic Sciences & Humanities through its well-developed colleges, research stations and KVKs. The CCS HAU Hisar has been recently honored by the Hon'ble President of India, Smt. Droupadi Murmu, for outstanding contribution to water conservation award in the year 2025. Building on this momentum, the university is hosting the SPARC-sponsored International Conference on "Deciphering the Potential of Climate-Resilient Functional Crops for Sustainable Agriculture and Agro-Industries" under the project "Understanding Environmental Influences on Moringa Growth, Seed Quality, Antioxidant and Tannin Properties". This conference aims to explore cutting-edge research and innovations in climate-resilient crops, fostering collaboration between academia, industry, and policymakers to drive sustainable agricultural practices and agro-industrial growth.





## Thematic Areas ...

### THEME 1: Genetic Improvement, Seed Systems & Molecular Innovations

#### Sub-Themes

- Advances in genetics and plant breeding
- Molecular markers, genomics, phenomics & CRISPR applications
- Seed quality, enhancement & storage technologies
- Hybrid development and varietal improvement
- Mutation breeding, biotechnology & tissue culture

### THEME 2: Crop Production, Protection & Sustainable Farming

#### Sub-Themes

- Climate-smart agronomy & precision farming
- Integrated pest management (IPM)
- Advances in entomology, plant pathology & nematology
- Protected cultivation and precision irrigation
- Rabi-kharif production optimization

### THEME 3: Soil, Water & Environmental Management

#### Sub-Themes

- Soil fertility, carbon sequestration & rhizosphere biology
- Soil-plant-microbe interactions
- Water management, irrigation efficiency & watershed programs
- Conservation agriculture & regenerative farming
- Pollution mitigation & sustainable resource management

### THEME 4: Horticultural Sciences & Climate-Resilient Fruit/Vegetable Production

#### Sub-Themes

- Climate-adaptive horticulture
- Innovations in floriculture, olericulture & pomology
- High-density planting, canopy management & grafting
- Postharvest technology & value addition
- Nutraceutical horticulture & biofortification

### THEME 5: Forestry, Biodiversity & Ecosystem Restoration

#### Sub-Themes

- Agroforestry models & carbon-positive systems
- Biodiversity conservation & sustainable forest products
- Climate-resilient tree species & reforestation
- Forest ecology, GIS & remote sensing applications
- Community forest management & livelihoods

### THEME 6: Animal, Poultry & Veterinary Sciences

#### Sub-Themes

- Animal health, nutrition & feed technology
- Veterinary diagnostics, vaccines & therapeutics
- Poultry production, breeding & disease management
- Livestock genetics & reproductive biotechnology
- One-Health approaches integrating human-animal-environment health

### THEME 7: Fisheries, Aquaculture & Blue Economy

#### Sub-Themes

- Sustainable inland & marine aquaculture
- Fish nutrition, breeding & genetics
- Aquatic ecosystem management & conservation
- Post-harvest technologies & fish value chains
- Ornamental fisheries & integrated farming systems

### THEME 8: Plant Physiology, Biochemistry & Stress Biology

#### Sub-Themes

- Climate stress responses & tolerance mechanisms
- Seed germination biology, vigour enhancement & dormancy management
- Photosynthesis, respiration & plant metabolic regulation
- Phytohormones, signaling molecules & omics integration
- Abiotic stress mitigation technologies (salinity, heat, drought, chilling)

### THEME 9: Human Nutrition & Social Sciences

#### Sub-Themes

- Food safety, functional foods & public nutrition
- Human development, family studies & well-being
- Textile and apparel science innovations
- Rural sociology, gender issues & community empowerment
- Behavioral sciences & technology adoption in rural areas

### THEME 10: Agribusiness, Economics & Policy for Sustainable Development

#### Sub-Themes

- Agri-startups, incubation & entrepreneurship
- Market linkages, value chains & export competitiveness
- Agricultural finance, insurance & risk analysis
- Digital agriculture, AI, IoT & big-data analytics
- Policy reforms for resilient global food systems

### THEME 11: Moringa for Climate Resilience, Nutrition Security and Sustainable Livelihoods

#### Sub-Themes

- Climate-resilient moringa improvement and climate-smart and sustainable moringa production systems
- Role of moringa in agroforestry, biodiversity conservation, carbon sequestration and sustainable land and water management
- Moringa for nutrition, health and functional foods and moringa-based livelihoods and livestock nutrition
- Technologies for harvesting, drying, processing and quality preservation to enhance the shelf life and economic value of moringa products

## Registration Process

After acceptance of the abstract, the payment must be made through online mode. The participants must make the prescribed payment through UPI to the below mentioned account and keep the screenshot/transaction details etc. of their payment for further reference. Attendees / Listeners only can directly submit the registration fee. Participants should upload the scanned copy of the payment receipt using the link provided on the website.

For brochure, registration, fee payment, and other details, please visit: <https://www.rpconfseries.com/dpcfc-saai-2026/>

## Accommodation

In-person registered delegates will be accommodated at the Faculty House, Farmers' Hostel, or other available guest houses on the university campus, on a first-come, first-served basis and at the official prescribed rates. Additional guests will be accommodated in hotels within the city. Hotel rooms will be reserved upon receiving advance online payment at the prescribed rates. Delegates may also book their accommodation directly in the recommended hotels listed on the conference website: <https://www.rpconfseries.com/dpcfc-saai-2026/>

## Registration Fee

Registration is compulsory for participation in or paper presentation at the conference. At least one author should register for the paper presentation. The registration fee (non- refundable) is as follows:

Registration Category	Early Bird Registration (Online/in-person)		Standard Registration (Online/in-person)	
	National (INR)	International (USD)	National (INR)	International (USD)
UG/PG/PhD/RA/Post-doc Student	₹ 2000	\$50	₹ 2500	\$60
Faculty / Scientist / State Functionaries / NGO Representatives	₹4500	\$100	₹ 5000	\$120
Industry Person	₹ 7000	\$140	₹ 8000	\$150
Attendee only / Accompanying Person	₹ 2000	\$40	₹ 2500	\$50

\*Bonafide Students/Research Scholars/RAs/SRFs/Young Professionals in educational institutions should submit an eligibility document duly endorsed by the Head of Department, accompanied by a photocopy of their Identity Card.

## Important Dates

- *Abstract Submission Open* : NOW
- *Abstract Submission Close* : 15/01/2026
- *Abstract Acceptance* : 16/01/2026
- *Early Bid Registration* : 18/01/2026
- *Full Paper Submission* : 15/03/2026

## Call for Papers

### Abstract Submission:

Authors are invited to submit abstracts of their original research on the prescribed format available on the conference website ([www.rpconfseries.com/dpcfc-saai-2026/](http://www.rpconfseries.com/dpcfc-saai-2026/)) via the provided link. Only one abstract is allowed per registered author. All submitted abstracts will be evaluated through a peer-review process, and accepted abstracts will be allotted an Abstract ID. The conference abstract book will be published with an ISBN.

### Registration:

Registration should be completed only after receiving the abstract acceptance notification along with the Abstract ID. After successfully registering, in-person participants must share their travel itinerary in advance to facilitate accommodation and transportation arrangements. Accommodation cannot be guaranteed for spot registrations.

### Full Paper Publication (Optional):

Selected full-length research papers that are aligned with the theme and scope of the conference will be considered for publication in Scopus Indexed Journals, subject to the respective journal's peer-review process and publication guidelines



## Sponsorship

<b>Platinum Sponsor</b> Rs. 5.0 Lakhs	<ul style="list-style-type: none"> <li>• Complementary registration for 5 delegates</li> <li>• Space of 18'x18'</li> </ul>
<b>Gold Sponsor</b> Rs. 3.0 Lakhs	<ul style="list-style-type: none"> <li>• Complementary registration for 3 delegates</li> <li>• Space of 18'x9'</li> </ul>
<b>Silver Sponsor</b> Rs. 2.0 Lakhs	<ul style="list-style-type: none"> <li>• Complementary registration for 2 delegates</li> <li>• Space of 9'x9'</li> </ul>
<b>Bronze Sponsor</b> Rs. 1.0 Lakhs	<ul style="list-style-type: none"> <li>• Complementary registration for 1 delegate</li> </ul>
<b>Delegate Kit Sponsor</b> Min. 2.0 Lakhs	<ul style="list-style-type: none"> <li>• Complementary registration for 2 delegates</li> <li>• Space of 9'x9'</li> </ul>
<b>Lunch/Dinner Sponsor</b> Min. 2.0 Lakhs	<ul style="list-style-type: none"> <li>• Complementary registration for 4 delegates</li> <li>• Space of 18'x9'</li> </ul>

Common Features for All Categories

- Banner will be displayed at event venue.
- Company Logo at homepage of conference
- Letter of acknowledgement

## International Advisory

Dr. Takau Ishikawa, Poland  
 Dr. T. Shinano, Japan  
 Dr. Sussane Neugart, Germany  
 Dr. Suryakant, Australia  
 Dr. Ravindra Chibbar, Canada  
 Dr. Ratan Yadav, U.K.  
 Dr. M.A.Thamer, Iraq  
 Dr. Heralt Scohne, Germany  
 Dr. Elhadi Morzog, IFSDAA, Germany  
 Dr. Dr. A. Ibenthal, Germany  
 Dr. Dieter Trautz, Germany  
 Dr. Fiona R. Hay, Aarhus University-Flakkebjerg, Denmark  
 Dr. Craig McGill, Massey University, New Zealand  
 Dr. Junta Yanai, Japan  
 Dr. Penny Back, Massey University, New Zealand  
 Dr. Hossam Eldin Rushdi, Egypt  
 Dr. Bhagirath Chauhan, University of Queensland, Australia

Dr. Ranveer, Massey University, New Zealand  
 Dr. Arun Joshi, CIMMYT, Hyderabad  
 Dr. Andreas Boernar, Germany  
 Dr. Alireza Noorpoor, Iran  
 Dr. Ahmet Bagci, Turkey  
 Dr. Ahmed Jahoor, Denmark  
 Dr. A. Riedacker, Chair, France  
 Dr. Christian Dimpka, USA  
 Dr. Yasmina El Bahloul, Morocco  
 Dr. Viktor Kamkin, Kazakhstan  
 Dr. Noubactep Chicgoua, Cameroon  
 Dr. Collins Bugingo, Cornell University (CALS), USA  
 Dr. Manfred Kern, Germany  
 Dr. Obidjon Sindarov, NRU, Tashkent, Uzbekistan  
 Dr. Natalia Repkina, IBKRC, Petrozavodsk, Russia  
 Dr. Mostafa Abdelkader, Sohag University, Sohag, Egypt

## National Advisory

Dr. M.L. Jat, Director General- ICAR  
 Dr. D.K. Yadava, DDG (Crop Science), New Delhi, India  
 Dr. B. N. Tripathi, VC, SKUST, Jammu  
 Dr. Manmohan Singh Chauhan VC, GBPUA&T, Pantnagar  
 Dr. Manish Das, Director of ICAR-DMAPR, Anand, Gujarat  
 Dr. Harsh Kumar Sharma, VC, MMU, Mullana, Ambala  
 Dr. Vinod Kumar Verma, VC, LUVAS, Hisar, India  
 Dr. S. K. Malhotra, VC, MHU, Karnal, India  
 Dr. Naveen Kumar, CSK HPKV, Palampur (HP)  
 Dr. D.P. Singh Ex-VC, Jhabalpur, India  
 Dr. Narsi Ram Bisnoi, VC, GJUS&T, Hisar  
 Dr. T.KDatta, VC, WBIAFS, Kolkata  
 Dr. A.K.Mohanty, Director, ICAR-CIRC, Meerut  
 Dr. Dheer Singh, Director, NDRI, karnal

Dr. Keshavulu Kunusoth, President, ISTA  
 Dr. Satbir Singh Gosal, VC, PAU, Ludhiana  
 Dr. Anand Kumar Singh, VC, CSAUT, Kanpur  
 Dr. Akhil Ranjan Garg VC, SKRAU, Bikaner  
 Dr. J. P. Sharma, Former VC, SKUST, Jammu  
 Dr. Raj Singh MM(DU), Mullana, Ambala  
 Dr. H.S. Jat Director, IIMR, Ludhiana  
 Dr. Ratan Tiwari, IIWBR, Karnal  
 Dr. P S Pandey, VC, RPCU, Samastipur  
 Dr. Mukesh Jain, Director, NFMTTI, Hisar  
 Dr. Rabibrata Mukherjee, SPARC Coordinator, IIT Kanpur  
 Dr. Inderjeet Singh, VC, BASU, Bihar  
 Dr. Gautam kaul, Principal Scientist, NDRI, karnal

## Local Organising Committee of International Conference

Dr. Rajbir Garg, Director Research, CCS HAU, Hisar  
 Dr. Rajesh Gera, Dean, COBS&H, CCS HAU, Hisar  
 Dr. Ramesh Kumar, Director, DHRM, CCS HAU, Hisar  
 Dr. Surender K. Pahuja, Dean, CoA, CCS HAU, Hisar  
 Dr. K.D. Sharma, Dean, COB, CCS HAU, Hisar  
 Dr. Atul Dhingra, Dean, ICCCS, CCS HAU, Hisar  
 Dr. B. S. Mandal, Director, EE, CCS HAU, Hisar

Dr. Pawan Kumar, Registrar, CCS HAU, Hisar  
 Sh. Navin Jain, Comptroller, CCS HAU, Hisar  
 Sh. Kapil Arora, Secretary to Vice-Chancellor, CCS HAU, Hisar  
 Dr. Sanjay Thakral, Director, RDS, CCS HAU, Hisar  
 Dr. B.S. Baniwal, Director, DDUCE-OF, CCS HAU, Hisar  
 Dr. Rajiv Pateria, Librarian, CCS HAU, Hisar  
 Dr. R.K. Gupta, Additional Director Research, CCS HAU, Hisar  
 Dr. Surender Dhankar, Project Director & DF, CCS HAU, Hisar

## Organising Committee

### Patron



Prof. B. R. Kamboj,  
Vice-Chancellor, CCS HAU, Hisar

### Convener



Dr. Rajbir Garg,  
Director of Research, CCS HAU, Hisar

### Organising Secretary



Dr. Rajesh Gera,  
Dean, COBS&H, CCS HAU, Hisar

### Co-Organising Secretaries

Dr. Jayanti Tokas, HOD Biochemistry, COBS&H, CCS HAU, Hisar  
Dr. Axay Bhuker, Seed Science Technology, CCS HAU, Hisar  
Dr Amrita, Founder, Research Plateau Publishers

### Organising Members

Dr. Sushil Nagar, Biochemistry, CCS HAU, Hisar  
Dr. Neeraj Kharor, Biochemistry, CCS HAU, Hisar  
Dr. Rajni Kant Sharma, Chemistry, CCS HAU, Hisar  
Dr. Vinay Kumar, Physics, CCS HAU, Hisar  
Dr. Nisha Kumari, Biochemistry, CCS HAU, Hisar



MORE  
INFO

Department of Biochemistry,  
College of Basic Sciences & Humanities  
CCS Haryana Agricultural University, Hisar (Haryana) 125004 INDIA  
For Queries: Contact us at:

+91-8266881568

+91-7404309135

+91-7015953531

+91-8708100238

E-mail: [dpcfcsaai2026@hau.ac.in](mailto:dpcfcsaai2026@hau.ac.in) [dpcfcsaai2026@gmail.com](mailto:dpcfcsaai2026@gmail.com)  
Conference Website: <http://www.rpconfseries.com/dpcrfc-saai-2026/>