

CSSAC|2024



First Circular

# CONFERENCE ON SEED SPICES AND ALLIED CROPS

Global Opportunities for Productivity, Quality and Value Addition

&

**Institute Industry Meet 2024**

13-15 March, 2024

## Organizers



**Indian Society of Seed Spices**

**Tabiji, Ajmer-305 206, Rajasthan (India)**



**ICAR-National Research Centre on Seed Spices**

**Tabiji, Ajmer-305 206, Rajasthan (India)**



**Indian Council of Agricultural Research**

**New Delhi -110 001, Delhi (India)**

## Venue

Dr. R. S. Paroda Auditorium, ICAR-National Research Centre on Seed Spices  
Ajmer- 305 206, Rajasthan (India)



## About the Institute

ICAR-National Research Centre on Seed Spices, Tabiji, Ajmer came into existence on 19<sup>th</sup> January 2000 as per the recommendation of the working group of Department of Agricultural Research and Education which approved establishment of National Research Centre on Seed Spices, Ajmer during IX five-year plan. This institute was set up with a broad-based framework to address diverse agricultural issues related to water and land resources management, crop improvement, crop protection, agro-processing and socio-economic aspects in a holistic manner for enhancing research capacity and for providing a backstopping for improvement in productivity, sustainability and quality with reference to export value of seed spices which play an important role in national economy. The Centre has now completed two decade and has achieved some significant achievements which have left a strong impression among all the stakeholders involved with seed spices and has been successful in ensuring an increase in area, production and productivity of seed spices as well as income of seed spices growing farmers, provide good produce to the consumers, raised the profit of all the stakeholder besides in turn increase more foreign exchange in the country.

## About the Society

Indian Society of Seed Spices was established in 2008 and it is registered under the Societies Registration Act XXI 1860. The Society was founded to promote over all development of Seed Spices. To strengthen linkages with different organizations for sustainable development of agriculture/seed spices. To undertake activities like, organizing seminars, symposia/conferences/group meetings and study tours etc. To publish journals, reports, treatises, extension literatures for promotion of science and dissemination of useful knowledge in the field of seed spices. To receive grants, gifts, donations to purchase properties, to invest funds of the society in such securities as may be decided time to time. To felicitate the distinguished workers in the field of seed spices. To undertake trainings and consultancy services in the field of seed spices.

## About Ajmer City

The ICAR-NRCSS is located in Tabiji Farm on the Ajmer-Beawar Road, 13 km away from Ajmer Railway Station. The Ajmer city is well connected by road and rail to Ahmadabad, Jaipur and Delhi. The nearest airports are Kishangarh (30 km) with flights from New Delhi, Hyderabad and Ahmedabad while Jaipur (135 km) with lot of options. Ajmer is surrounded by the Aravalli Mountains. It is a pilgrimage centre for the shrine of Sufi Saint Khwaja Moinuddin Chishti and Pushkar, an ancient Hindu pilgrimage city, famous for the only temple of Lord Brahma in the world.

## About the National Conference

The horticulture sector, a pivotal force in Indian agriculture, holds substantial export potential. With an estimated production of ~315 MT, constituting around 30% of India's agricultural GDP. Seed spices are a group of plants with taste, flavour and medicinal properties. Among the 109 spices listed by ISO, India cultivates 63, including 20 classifieds as seed spices. In India, seed spices are cultivated in about 2 million hectares and produce approximately 2.01 million tonnes with a productivity of about ten q/ha. The global demand for Indian spices is escalating, with India exporting about 15% of its annual production, fulfilling 50-60% of the world's demand post-local consumption. The total export value of seed spice crops is around 5500 crores (INR). Therefore, sustaining productivity is critical for meeting future demands, especially amid changing climate conditions, necessitating innovative breeding methodologies such as biotechnological and nano-technological approaches to enhance diversity and yield. Adopting Good Agriculture Practices (GAP) is pivotal, aiming for higher productivity while reducing food-borne disease risks and pesticide residues. Pest-disease and health in

seed spices also play a crucial role in boosting production. Improved cultivation methods, water conservation, and innovative fertilizer applications are essential in adapting to evolving environmental conditions. Nutraceutical usage and bioactive compounds are other essential aspects of therapeutic potential benefits of human health, natural medicines and industry demand. Further, post-harvest management and value addition enhance produce's intrinsic and extrinsic value, fostering better marketability, earning foreign exchange, and entrepreneurship development. AI and intelligent agricultural practices are imperative for resource efficiency and efficient real-time crop insights. The ultimate aim is to promote exports, trade, and industry growth, elevating farmers' income and benefiting stakeholders. Recognizing the significance of these aspects in seed spice and allied crops, the Indian Society of Seed Spices, ICAR-National Research Centre on Seed Spices, Ajmer, and the Indian Council of Agricultural Research, New Delhi, are organizing the "**National Conference on Seed Spices and Allied Crops (CSSAC 2024)**" from March 13-15, 2024.

**The scope of the conference includes crops like seed spices, spices, culinary crops, millet, crops of medicinal value and similar allied crops.**

## Themes of the Conference

"PGR and Next Generation Breeding"

"Good Agricultural Practices (GAPs)"

"Biotechnological and Nano Technological Tools for Productivity and Quality"

"Plant Health Management"

"Nutraceutical Values and Bioactive Compounds"

"Post-Harvest Management and Value Addition"

"AI and Smart Agriculture"

"Trade, Industry and Export Promotion"

## Call for Abstracts / Full-length Papers

Participants are invited to submit abstract on their unpublished research work (Maximum 250 word & 05 Keywords) that should be written in Times New Roman font, 1.5 spacing with 12 font size using Microsoft Word. Corresponding Authors must be highlighted by asterisk (\*) with complete mailing address and presenting authors must be underlined. Authors are also requested to submit their own research work in the form of research article and review paper for publishing in the International Journal of Seed Spices ([www.iss.ind.in](http://www.iss.ind.in)). Full length paper /abstract to be submitted through email, [conference.nrcss@gmail.com](mailto:conference.nrcss@gmail.com) along with registration form or a hard copy by institute address. **Full length paper publishing fee: nil**

## Poster Presentation

All the participants are requested to prepare their posters that should not exceed the dimension 1.5 × 1.0 m (length × width) and furnished with the title, Authors Name, Affiliation, Introduction, Material and Methods, Results and Discussion and Conclusion. Clear pictures, diagrams, graphs and short tables are highly encouraged to use in posters to win the Best Poster prize in each thematic area.

## Theme of Conference and Programme Schedule

### 13 March 2024 (Day 1)

Inauguration  
PGR and Next Generation Breeding  
Good Agricultural Practices (GAPs)  
Expo Exhibition Inauguration



### 14 March 2024 (Day 2)

Biotechnological and Nano Technological Tools for Productivity and Quality  
Plant Health Management  
Nutraceutical Values and Bioactive Potentials  
Post-Harvest Management and Value Addition

### 15 March 2024 (Day 3)

AI and Smart Agriculture  
Trade, Industry and Export Promotion  
Institute Industry Meet 2024



## National Advisory Committee

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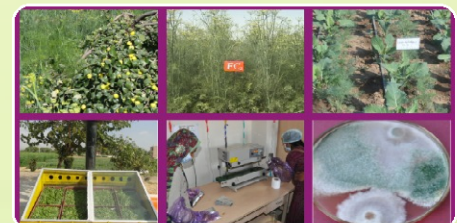
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**Dr M K Mahatama**  
Principal Scientist  
ICAR-NRCSS  
Ajmer, Rajasthan

### Conference Registration Fee

Categories	Indian (INR)
Students	2000
Delegates/Scientists/Professionals/RA	4000
Private Organization/Industries, etc.	5000

\*Note: conference registration/society contribution fee is non-refundable/non-transferable and registration fee will cover only hospitality and kit; it does not include accommodation charges. For further queries and assistance, please contact to Organizing Secretary.

## Important Dates

Abstract Submission Deadline	29 Feb 2024
Notifications of Acceptance to Authors	04 March 2024
Registration Open	20 Feb 2024
Accepted Paper Registration Deadline	04 March 2024
Paper Submission for Accepted Abstracts	04 March 2024
Sponsorship & Exhibition Application Deadline	04 March 2024
Conference CSSAC 2024	13-15 March 2024

## Special Features

### Institute Industry Meet 2024

Spice plays an important role in Indian cuisine and has been known for its therapeutic values since ancient times. The spice and drug industry thrives to cater to the demand for these needs in India. The value of spice is known for the presence of important bioactive compounds that play an essential role in taste, fragrance and medicinal values. ICAR-NRCSS has developed many seed spice crop varieties with higher bioactive compounds and other values that can help in the better formulation of produce. Apart from varieties, the institute has developed many technologies that directly apply to the industry. The "**Institute Industry Meet 2024**" aims to showcase developed technologies in the domain of seed spices and allied crops at one platform and serve academia, R & D institutes, start-ups, Industry and farmers, thus helping to reach out to end customers to get the views and suggestions from Industry officials and to introduce other value-added programs as per industrial needs.

### Expo Exhibition

The expo aims to serve as an opportunity for businesses and organizations to showcase products, services, and new developments of seed spices and allied crops. ICAR-NRCSS and ISSS Ajmer are the apex research and development organizations and societies on seed spices in India; our target is to showcase the recent developments in seed spices to its various stakeholders.

## Sponsorship

Sponsorship is invited from seed spices entrepreneurs, agro-industries, companies, and credit-marketing institutions to get associated with the events of the national Conference on Seed Spice and Allied Crops, CSSAC 2024, which will attract participants by a large number of seed spices scientist, research, managers, academia, agro-entrepreneurships, government representatives and farming communities from all over India. Beside the sponsors and co-sponsors of the conference, there will be other sponsors for specific events.

Type of Sponsorship	Amount (INR)
Platinum	2 lacs
Diamond	1 lac
Gold	50000
Silver	25000

## REGISTRATION FORM

Name (Capital letters) : .....

Profession : ..... Designation : .....

Organization.....

Mailing Address: .....

City: .....State: .....Pin Code:.....

Telephone: Mob.: .....Office: .....Res.: .....

E-mail: .....

Gender: .....

Title of paper: .....

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Accompanying Person/Spouse\*: No..... Name: .....

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Amount (INR) : .....

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**STATE BANK OF INDIA**

**A/c No.: 30609101416**

**IFSC Code: SBIN0001379**

**Branch: HMT, Ajmer**

\*Send the copy of proof regarding online money transfer, Payment should be made in favour of Bharatiya Bijiya Masala Society, Ajmer, Rajasthan.

Date:

Place:

Signature