

First Announcement

# XVI AGRICULTURAL SCIENCE CONGRESS & ASC EXPO



Transformation of Agri-Food Systems for  
Achieving Sustainable Development Goals

10-13 October 2023 | Kochi, Kerala, India



Organised by National Academy of Agricultural Sciences, New Delhi  
Hosted by ICAR-Central Marine Fisheries Research Institute, Kochi







Venue: Hotel Le Méridien, Kochi, Kerala

The XVI Agricultural Science Congress (XVI ASC) is being organized by the National Academy of Agricultural Sciences (NAAS). The Congress will be hosted by the ICAR-Central Marine Fisheries Research Institute (CMFRI), Kochi from 10 to 13 October 2023 in offline mode. The venue of the Congress is Hotel Le Méridien, Kochi, Kerala. The President, NAAS, New Delhi, cordially invites you to attend the Congress and actively participate in the deliberations.



The theme of the Congress is **“Transformation of Agri-Food Systems for Achieving Sustainable Development Goals”**. With the increasing demand for food, degrading environmental conditions, and looming climate change challenges, it becomes imperative that we transform our agri-food systems into sustainable enterprises to facilitate its benefits to be just, equitable and last for generations to come. The Congress aims to bring together leading academicians, researchers, students, farmers, entrepreneurs, etc. to exchange and share their research findings, ideas and experiences on all aspects of agri-food systems to enable formulation of the way forward to transform our agri-food system to meet the Sustainable Development Goals (SDGs) of the United Nations. The UN SDGs aim to end poverty, protect the planet, and ensure that by 2030 all people on Earth enjoy peace and prosperity. The SDGs address poverty, inequality, climate change, environmental degradation, peace and justice; hence are blueprints to achieve a



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better and more sustainable future for all. The delegates and participants in the Congress will find ample opportunities to highlight their views and share knowledge on all issues related to agriculture and allied subjects and sustainability issues on land and water, agricultural production systems, products, agricultural machinery, economics, renewable/ alternative energy, precision farming, alternative farming systems, coastal agriculture, next-generation technologies, etc. through a number of interdisciplinary interactions aiming to find ways to transform the sector sustainable to meet the SDGs of the UN.

The NAAS, New Delhi has been organizing the Agricultural Science Congress in a biennial cycle since 1992 and for the XVI Agricultural Science Congress, the President NAAS and the Organizing Committee, through this announcement, is requesting all stakeholders to join this mega event at Kochi, Kerala. Your participation is important in identifying approaches and strategies, including policy options, in Transformation of Agri-Food Systems for Achieving Sustainable Development Goals. Please visit the website [www.16asc2023.in](http://www.16asc2023.in) for details and updates.



**Dr Himanshu Pathak,**

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## About NAAS

The National Academy of Agricultural Sciences (NAAS), established on 5<sup>th</sup> June 1990, serves as a unique think tank and an important forum for harnessing science to enhance productivity, profitability, equity, and sustainability of Indian agriculture. The Academy has since emerged as a vibrant organization devoted to promoting agricultural research, education, knowledge pool, national and international partnerships, and science-society interface towards transforming agriculture and the related policies leading to comprehensive food, nutrition, livelihood, and ecology-secured and climate-smart India. Its mission is to promote excellence in science, act as a credible think tank of the scientific community and provide science-based inputs for policy options for vibrant agriculture.

## Events

- Plenary, Special and Invited Lectures by Eminent Scientists to discuss the most recent trends, innovations and concerns as well as challenges and solutions
- Technical Sessions on Thematic Areas
- Symposia and Panel Discussions
- Poster Presentations
- Interaction with Farmers and Industry
- Student Activities
- Agri Expo
- NAAS Business Meeting







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## Poster Presentation

The extended summaries for the poster presentation will be reviewed before acceptance. Each poster session will have a Convener who will present a summary of the concerned session which will aid in the formulation of substantial recommendations. Selected abstracts in all the thematic areas will be included in the Book of Abstracts, and the concerned author will present the poster.

## Themes

No.	Theme Area	Convener
1.	Ensuring Food & Nutritional Security: Production, Consumption and Value Addition	Dr M. S. Bamji
2.	Climate Action for Sustainable Agri-food Systems	Dr P. K. Aggarwal
3.	Frontier Science and Emerging Genetic Technologies: Genome Breeding, Gene Editing	Prof. K. C. Bansal
4.	Livestock-based Transformation of Food Systems	Dr K. M. Bujarbaruah
5.	Horticulture-based Transformation of Food Systems	Dr S.K. Singh
6.	Aquaculture & Fisheries-based Transformation of Food Systems	Dr J. K. Jena
7.	Nature-based Solutions for Sustainable Agri-food Systems	Dr Anil K. Singh
8.	Next Generation Technologies: Digital Agriculture, Precision Farming and AI-based systems	Dr Rajender Prasad
9.	Policies and Institutions for Transforming Agri-food Systems	Dr P. K. Joshi
10.	International Partnership for Research, Education and Development	Prof. Rajeev K. Varshney





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Each session will have one Lead speaker, three invited Session speakers and one Young Scientist/Research Scholar speaker who will be selected from the abstracts received for that session. About 160 speakers are expected to deliver lectures in different thematic areas.

## Panel Discussion

No.	Panel Theme	Convener
1.	Quality Education in Transforming Agri-food Systems	Dr R. C. Agrawal
2.	Innovations in Information Dissemination	Dr Ashok K. Singh (Vice Chancellor, RLBCAU)
3.	Farming Systems for Enhancing Nutrition and Sustainability	Dr V. K. Singh

## Symposia

No.	Panel Theme	Convener
1.	Coastal Agriculture: Livelihood and Sustainability	Dr Parveen Kumar
2.	IYM 2023: Mainstreaming Millets	Dr C. Tara Satyavathi
3.	Repurposing Agriculture for Achieving SDGs	Dr P. S. Birthal
4.	Youth and Gender Equity for Meeting the SDGs	Dr Malavika Dadlani

## Inter-University Student Elocution Contest

A student elocution contest on a topic of contemporary relevance will be organized. Participants from State Agricultural Universities/Deemed to be Agricultural Universities/Central Agricultural Universities can apply for the contest.





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## ASC Agri Expo 2023

ASC Agri Expo 2023 will be an important event at the Congress as more than 1500 delegates, large number of farmers and local public are expected to visit the exhibition. It will provide opportunity to public and private sector agricultural research Institutes/Universities, Agro-industries, Extension agencies and NGOs to showcase their innovative technologies. The details for registration, sponsorship, tariffs, type of stalls available and the applications for participating in the exhibition at the Congress can be found on the Congress website ([www.16asc2023.in](http://www.16asc2023.in)).

## Cultural Programmes

Cultural evening has been planned on the day of inauguration to display the best of the diverse performing/fine arts of the country.

## Important Dates

Start of registrations	: 01 March 2023
Start of receipt of abstracts	: 01 April 2023
Last date for submission of abstracts	: 30 June 2023
Acceptance of abstracts	: 31 July 2023
Regular registration closing date	: 31 August 2023







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## Registration

Registration is online ([www.16asc2023.in](http://www.16asc2023.in)). Spot registration will be available at a premium fee.

Delegates	Reg. Fee	Bank Details
International Participant	US \$ 250	<b>Axis Bank Limited,</b> Kochi Branch, 41/419, Ground Floor, Chicago Plaza, Rajaji Road, Ernakulam, Kerala- 682035,  Account Name: <b>XVI ASC - CMFRI KOCHI</b> A/C No.: 922020034429481 A/C. Type: <b>Current</b> IFSC: <b>UTIB0000081</b>
International Students & Research Scholars	US \$ 150	
International Accompanying Person	US \$ 150	
National Participant	₹ 10000	
National-Accompanying Person	₹ 5000	
National-Students & Research Scholars	₹ 6000	
Farmer	₹ 3000	
On Spot	₹ 12000	
Corporate	₹ 20000	

## Accommodation

Accommodation will be provided on payment basis, on receipt of request from the registered delegates. The Local Organizing Committee of the XVI ASC will make every possible effort for your comfortable stay at Kochi during the Congress. There are many hotels, from Budget Hotels to Five Star category, in close proximity to the venue. The organizers of the Congress will make arrangements for transfer between the Congress venue and lodging places. Very limited accommodation is available on campus and these will be reserved for students. Please look out for details of hotels in and around the Congress venue on the Congress website.





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## Sponsorship Fee

Diamond	: ₹ 10 Lakh
Gold	: ₹ 8 Lakh
Silver	: ₹ 5 Lakh
Stall	: ₹ 2.5 Lakh

## Conference Secretariat

Dr A. Gopalakrishnan,  
Organizing Secretary and Director,  
ICAR-Central Marine Fisheries Research Institute, (CMFRI)  
Kochi-682 018, Kerala, India  
Website: [www.16asc2023.in](http://www.16asc2023.in)  
Contact: E-mail: [16asc2023@gmail.com](mailto:16asc2023@gmail.com)  
Ph: Telephone: +91-484-2394867  
Fax: +91-484-2394909; 2396685

**Official Language:** The official language of the Congress is English.

**Local Language:** Malayalam, Hindi and English.

**Climate:** During the Congress week in October, the weather is expected to be pleasant with a temperature of about 25-31 °C.

**Clothing:** Regular clothing will be comfortable for the climate.

**Electricity:** 220 volts A.C., 50 Hz.

**Currency:** Indian Rupees. Please see <http://www.rbi.org.in/home.aspx> for currency exchange rates.

**Time:** India has only one time zone which covers the entire country. Indian Standard Time (IST) is 5 hours and 30 minutes ahead of GMT

**Food:** At the Congress venue, we would make all efforts to make you feel at home vis-à-vis food. However, the organizers hope that the delegates and invitees would be willing to taste new food items. Tea and coffee will be provided in the morning and evening during the sessions.

Kindly wait for the Second announcement of the Congress for complete details of programmes, time schedules, events, sponsorship opportunities, exhibition, student and farmer programs, registration and accommodation booking process.





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## About ICAR-CMFRI

The ICAR-Central Marine Fisheries Research Institute (CMFRI) was established by the Government of India on 3<sup>rd</sup> February 1947 under the Ministry of Agriculture and later shifted to the ICAR in 1967. During the course of over 75 years, the Institute has emerged as a leading tropical marine fisheries research institute globally. The research efforts by the Institute, during the first half of the seven decades of its existence, contributed significantly to India's marine fisheries development from a predominantly artisanal, sustenance fishery till the early sixties to that of a multi-gear, multispecies fishery. During 1990s, a major part of the research effort was diverted towards sea farming and coastal mariculture and this effort paid rich dividends in the form of viable farm and hatchery technologies for shrimp, edible oyster, mussel, clam and seaweeds and marine pearl, developing human resources in mariculture through UNDP/FAO funded Post-graduate Programme - *Centre of Advanced Studies in Mariculture*, offering Masters and PhD courses. Subsequently, CMFRI began to undertake research in new areas like marine finfish farming, biotechnology, genetics and biodiversity. Along with this, fisheries management plans for all maritime states were formulated and the institute addressed climate change issues affecting coastal habitats and fishers. The prestigious Sardar Patel ICAR Outstanding Institution Award was bestowed on CMFRI twice, in 2007 and 2019. With this coveted recognition coming our way for the second time, we continue to enjoy a place in the elite club of select ICAR Institutes.





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Tourist destinations

## About Kochi, Kerala

Kochi known as 'Queen of the Arabian Sea' deeply rooted in history, which offers a blend of old-world and modernity. The city is abounded by mesmerizing backwaters, estuaries, rivulets, small islands, coastal townships and hill stations. The Chinese fishing nets and enchanting sunsets are hallmarks of this destination. The visitors also get opportunity to enjoy the rich cultural heritage of Kerala, the God's own country, and the traditional classical art forms like Kathakali, Mohinyattam, kalarippayattu, etc. Kochi also has beautiful monuments and a variety of linguistic and ethnic communities including natives, Jews, Konkanis, Gujaratis, Punjabis and so on, living in absolute harmony. For centuries, Kochi had been the main port city for the entire Indian Peninsula. Since the 14<sup>th</sup> century, Kochi has had shipping from Asian and European countries. The traders and travellers from across the globe were whole heartedly welcomed, which greatly helped in its growth into a cosmopolitan city. Visitors can also enjoy traditional as well as speciality cuisines from all over the world, from a large number of popular eateries and restaurants dotting all over the city.





Kochi ●



10-13 OCTOBER 2023 | KOCHI | KERALA

**Congress Secretariat**

**ICAR-Central Marine Fisheries Research Institute**

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E-mail: 16asc2023@gmail.com, Website: www.16asc2023.in







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## Registration Form

1. Name (Mr/Ms/Dr/ Prof.): .....
2. Designation: .....
3. Institution Affiliation: .....
4. Mailing Address: .....  
E-mail id: .....  
Mobile No. ....
5. Name & Relation with the Accompanying Person (if any): .....
6. Type of Registration: .....  
Category (Scientist/Student/Corporate, etc.): .....  
Amount Paid: ..... and Details of payment: .....  
Cheque/Draft/RTGS/NEFT/Online etc. (date of transaction and proof shall be attached):.....
7. Accommodation required (Yes/No): .....
8. Details of Arrival:.....  
Mode of Travel:.....  
Date & expected time /Place of arrival:.....
9. Information on departure  
Mode of Travel:.....  
Date & expected time of departure from the venue:.....
10. Stall/Advertisement Booking: .....

Place & Date .....

Signature .....

Details of Bank

Bank name and Branch: Axis Bank Limited, Kochi Branch, 41/419, Ground Floor, Chicago Plaza, Rajaji Road, Ernakulam, Kerala- 682035; Name of the account: XVI ASC - CMFRI Kochi; Ac No. 922020034429481; IFSC: UTIB0000081.