

**DIRECTORATE OF RESEARCH  
ANAND AGRICULTURAL UNIVERSITY  
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**No.AAU/DR/RES/T-2/**

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**/2014**

**Date: 12-11-2014**

To,

All the Unit / Sub Unit Head  
AAU, Anand

Please find attached herewith the Brochure received from Dr. M. S. Chauhan, Principal Scientist, Animal Biotechnology Centre, ICAR – National Dairy Research Institute, Karnal regarding XII Agricultural Science Congress, Sustainable Livelihood Security for Smallholder Farmers which is scheduled to be held during 3<sup>rd</sup> to 6<sup>th</sup> February, 2015. This is for your kind information and further necessary action.

Encl : As Above

*[Signature]*  
**DIRECTOR OF RESEARCH & DEAN  
FACULTY OF P. G. STUDIES**



# XII Agricultural Science Congress

Sustainable Livelihood Security  
for Smallholder Farmers

3<sup>rd</sup> (Tuesday) - 6<sup>th</sup> (Friday), February 2015

ICAR-National Dairy Research Institute, Karnal, Haryana

Office of the Director  
of Research A.A.U., Anand.

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Invoice No. 16717

ASC 2015

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Put up on website



[www.agricongress2015.in](http://www.agricongress2015.in)





## Welcome to 12<sup>th</sup> Agricultural Science Congress, 2015

Welcome at the ICAR-National Dairy Research Institute, Karnal! We feel happy that the National Academy of Agricultural Science (NAAS), New Delhi has decided to organize the 12th Agricultural Science Congress 2015 at ICAR-NDRI, Karnal from 3-6th February, 2015. The Congress will provide a very vibrant platform for scientific discussions and exchanging views on contemporary topics in Indian Agriculture like the Crop and Horticulture, Animal Production Systems, including poultry, Fisheries Science and related Social Science issues. We are expecting a large number of delegates across the globe to attend this Mega Event representing the cream of researchers, academia, entrepreneurs, policy makers, farmers, financial institutions, students and others stake holders. Besides scientific discussions the Congress will also make available a befitting opportunity for the entrepreneurs, manufacturers of seed, fertilizers, agro-chemicals, pharmaceuticals, farm, laboratory & dairy equipment's, insurance companies and agriculture related service providers to use the opportunity to showcase products and meet prospective clientele groups. We will feel too happy to host you at ICAR-NDRI, Karnal to experience the intense, scintillating and intellectually most rewarding events during the Congress. Please explore more on [www.agricongress2015.in](http://www.agricongress2015.in) about the event.

### National Steering Committee

Dr. M.S. Swaminathan, Chairman  
MP Rajya Sabha & Emeritus Chairman, MSSRF  
Dr. S. Ayyappa, Co-Chairman  
Secretary, DARE, President NAAS & DG, ICAR  
Dr. R.B. Singh, Chancellor, Central Agricultural University & Immediate Past President, NAAS  
Dr. R.S. Paroda  
Chairman, HKA & Ex-DG, ICAR & Ex-President NAAS  
Dr. Mangala Rai  
Ex-DG, ICAR & Ex-President NAAS  
Shri Ashish Bahuguna, Secretary, DAC  
Shri Anup Kumar Thakur, Secretary, Dept. of AHD&F  
Dr. K. Vijay Raghavan, Secretary, DBT  
Dr. R.K. Pachauri  
Director, Tata Energy Research Institute  
Dr. Deepak Pental, Ex-VC, Delhi University  
Dr. P.L. Gautam, Ex-DDG (CS)  
Shri Arvind Kaushal, Additional Secretary (DARE) & Secretary, ICAR  
Dr. K. Ramasamy, Vice-Chancellor, TNAU  
Dr. H.S. Gupta, Director General, BISA  
Dr. A.K. Srivastava, Director, ICAR-NDRI  
Dr. M.P. Yadav, Secretary, NAAS  
Dr. N.K. Singh, Secretary, NAAS  
Prof. Anwar Alam, Member Secretary

### Local Organizing Committee

#### Convener

Dr. A.K. Srivastava  
Director & Vice-Chancellor, ICAR-NDRI, Karnal

#### Chairman

Dr. G.R. Patil, JD (Academic), ICAR-NDRI

#### Co-Chairpersons

Dr. D.K. Sharma, Director, CSSRI  
Dr. Indu Sharma, Director, DWR

#### Organizing Secretary

Dr. M.S. Chauhan, PS, ABTC, ICAR-NDRI

#### Joint Organizing Secretary

Dr. T.K. Datta, PS, ABTC, ICAR-NDRI

#### Treasurer

Dr. A.K. Singh, Sr. Sci. DT, ICAR-NDRI

### DATES TO REMEMBER

Feb. 1, 2014  
Feb. 10, 2014  
Nov. 30, 2014  
Dec. 15, 2014  
Jan. 1, 2015

Abstract Submission and Online Registration Opens  
Sponsorship and Exhibition Prospectus Launches  
Early Bird Registration Closes  
Abstract Submission Closes  
Online Registration Closes

[www.agricongress2015.in](http://www.agricongress2015.in)

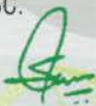


## Messages

Dr. S. Ayyappan, Secretary, DARE, President  
NAAS & DG, ICAR



NAAS is organizing the 12th Agricultural Science Congress (12 ASC) with the theme of "Sustainable Livelihood Security for Smallholder Farmers" at ICAR-NDRI, Karnal during February 3-6, 2015. The year 2014 is declared as the 'International Year of Family Farming' by the United Nations to promote active policy making for sustainable development of agriculture based farmer families, indigenous groups, cooperatives and fishing families. The future of our agriculture is in the hands of small farmers who constitute the majority of our vast farming community. As our continuous effort we need to re-visit the policies for effectively combating poverty and hunger and sustainable growth of the agriculture sector in India especially for the "Smallholder Farmers". We invite active participation of all researchers, policy makers, farmers, entrepreneurs and students in the congress for exchanging ideas, having intense brainstorming and sharing experiences for formulating a strategic road map. I will look forward to see you all in the 12 ASC.



(S. Ayyappan)

Dr. A. K. Srivastava, Director, ICAR-NDRI  
and Convenor 12<sup>th</sup> ASC



India is ranked among the world's five largest producers of agricultural produce. The livestock sector is contributing to the agricultural economy of India in most subtle and silent way supporting the livelihood of poorest of the poor. The progress in this sector has also immensely contributed in balancing the development of the rural economy particularly in reducing the poverty amongst the weaker sections. India's population is however growing faster than its ability to produce food grains and livestock products. For the 12th Agriculture Science Congress we're privileged to bring you an outstanding line-up of speakers across the globe who will address key topics in the field. Your participation will be important in discussing the most burning issues in Indian agriculture and creating opinions for technological innovations, policy reforms and market built-up, which can directly transfer the economic benefits to small farmers. We are making all efforts to make your sojourn at ICAR-NDRI intellectually the most rewarding one during 12 ASC. Please join us.



(A K Srivastava)

[www.agricongress2015.in](http://www.agricongress2015.in)

## 12 ASC program at a Glance

	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21
Feb 3 (Tues)	X	X	Registration		Exhibition Inauguration		12 ASC Inauguration		Evening Plenary Lecture			
Feb 4 (Wed)	Plenary Lecture	120 Minutes Lectures + 40 Min Panel Discussion Round Table for Policy Formulation			& Posters				Evening Plenary Lecture			
Feb 5 (Thurs)	Plenary Lecture	Interuniversity Students Presentation			& Posters		Young Scientist Award Presentation		Evening Plenary Lecture			
Feb 6 (Fri)	Plenary Lecture	Farmer's Session		12 ASC Valedictory								

①-⑪ : Technical Sessions

## Technical Sessions

- Session 1: Livelihood security for smallholder farmers.
- Session 2: Attracting and retaining youth in agriculture.
- Session 3: Skill and human resource development for diversification of employment.
- Session 4: Linking smallholder farmers with the market.
- Session 5: Intensification of livestock production for smallholder and landless farmers.
- Session 6: Group dynamics of smallholder farmers, SHG, Producers Companies.
- Session 7: Mechanization & Post Harvest technologies for small farmers.
- Session 8: Natural resource management & climate change: International perspective.
- Session 9: Policy matter issues for the protection of smallholder farmers.
- Session 10: Empowerment of women in agriculture.
- Session 11: Credit flow and insurance support to smallholder farmers.

## On the Sideline of 12th ASC

- Round table discussion on policy matter issues.
- Farmers' interaction session.
- Display of farmer produces.
- Morning and Evening plenary lectures.
- Special session on curbing regional issues related to small farmers.
- Young Scientist Award Presentations.
- Poster presentations.
- ASC- India Expo-2015.
- Cultural programmes.
- Inter- University Students' Colloquium.
- Guided tour to ICAR-NDRI facilities.
- Demonstration on the preparation of indigenous milk products for attending spouse registrants.

[www.agricongress2015.in](http://www.agricongress2015.in)



## Glimpse of Distinguished Speakers

### **Dr. M.S. Swaminathan**

Emeritus Chairman, MSSRF

### **Dr. S. Ayyappan**

DG ICAR & Secretary, DARE

### **Dr. R.B. Singh**

Ex-President, NAAS

### **Dr. R.S. Paroda**

HKA & Ex DG, ICAR

### **Dr. Mangala Rai**

Advisor, Govt of Bihar & Ex DG, ICAR

### **Ms. Purvi Mehta-Bhatt**

Regional Representative,  
South Asia, ILRI

### **Prof. Muhammad Yunus**

Nobel Laureate, Grameen Bank,  
Bangladesh

### **Dr. Sanjay Rajaram**

2014 World Food Prize Laureate and  
Former Director CIMMYT Global Wheat  
Program

### **Dr. (Ms.) Ranjitha Puskar**

Policy Economics and Social Science,  
World Fish, Penang, Malaysia

### **Dr. Jimmy Smith**

DG, ILRI, Kenya

### **T. R. Kesavan**

COO, Tractors & Farm Equipments Ltd.,  
Chennai

### **Dr. Asitava Sur**

General Manager, Metro Dairy, Kolkata

### **Prof Dinesh K Marothia**

President National Institute of Ecology,  
Raipur, Chhattisgarh

### **Girish Sohani**

President, BAIF, Pune

### **Dr. Satyan Yadav**

President, Horticulture Produce  
Management Institute, New Delhi

### **Prof. Sukhpal Singh**

Centre for Management in Agriculture  
(CMA), IIM, Ahmedabad

### **Dr. D.S. Jayas**

Vice-President and Distinguished  
Professor, Univ. of Manitoba, Canada

### **Mr. Shubhendu Dash**

State Technical Adviser, ACCESS  
Development Services, Jaipur

### **Dr. P. Parthasarathy Rao**

RP, MIP, ICRISAT, Hyderabad

### **Dr. M.R. Garg**

General Manager, NDDDB, Anand

### **Dr. Seema Bathla**

Jawaharlal Nehru University,  
New Delhi

### **Dr. C.N. Ravishankar**

Director, Central Institute of Fisheries  
Technology, Cochin

### **Dr. P.K. Joshi**

International Food Policy Research  
Institute (IFPRI), New Delhi

### **Mr. Sudarshan Suryawanshi**

CEO, Indian Society and Agribusiness  
Professionals, New Delhi

### **Mr. Kumaraswamy Naidu**

Regional Manager, Oriental Insurance,  
Hyderabad

### **Mr. Kaushlendra**

Kaushlendra Foundation, Patna Bihar

### **Prof Subharnshu Pan**

WBUAFS, Kolkata

### **SM Karuppanchetty**

COO, ABI, ICRISAT, Hyderabad

### **Dr. V.P. Sharma**

Professor, IIM, Ahmedabad

### **Prof Gajendra Singh**

Ex DDG, ICAR

### **Dr. S.B. Gokhale**

Director, BAIF, Pune

### **Dr. Ramesh Kanwar**

Iowa State Univ. USA

### **Dr. R.K. Singh**

Director, IVRI

### **Dr. T. Haque**

Director, Council for Social  
Development, New Delhi

### **Dr. K.G. Wankhede**

Managing Director, IFFDC, New Delhi

### **Shri S.V. Kaore**

DGM, IFFCO, New Delhi

### **Mr. Pravesh Sharma**

MD, SFAC, New Delhi

### **Rajeev Chaudhary**

Directorate of Agricultural Engineering,  
Bhopal

### **Dr. Sanjeev Chopra**

Joint Secretary, Dept. of Agriculture &  
Cooperation, New Delhi

### **Mr. Nagarajan Sivaramakrishnan**

MD Mother Dairy, New Delhi

### **Prof Keshavan Niranjan**

Reading, UK

### **Dr. Alakh N Sharma**

IHD, New Delhi

### **Dr. Avinash Kishore**

IFPRI, New Delhi

### **Dr. K. Palanisami**

IWMI, Hyderabad

### **Ms. Hazel Malapit**

IFPRI, Washington DC

### **Dr (Mrs.) Vinita Sharma**

SEED, DST, New Delhi

### **Ms. Cynthia S. Bantilan**

ICRISAT, Hyderabad

### **Dr. Govind Kelkar**

Senior Advisor, Landesa, New Delhi

### **Ms. R.V. Bhavani**

MSSRF, Chennai

### **Shri. M.V. Ashok**

Chief General Manager, DEAR,  
NABARD, Mumbai

(Please visit <http://agricongress2015.in/speakers/> for more speakers)

**[www.agricongress2015.in](http://www.agricongress2015.in)**





## Registration

Categories	Early Birds (till 30th Nov 2014)	After 30th Nov 2014	Spot Registration
Delegates	INR 6000.00	INR 6500.00	INR 7000.00
Students	INR 3000.00	INR 3500.00	INR 4000.00
Single Day Registration (For Entrepreneurs /Farmers)	INR 2000.00	INR 2500.00	INR 3000.00

Registration for the 12th Agricultural Science Congress is open from February 1, 2014.

It's easy to register for 12 ASC. You are encouraged to register online at the registration link of 12 ASC web site. Alternatively, you can send us your details as per the format of our www and send payments for registration by online payment/demand draft/cheque.

Account No. (Current Account): 65181931835. Account Holder Name: XII Agricultural Science Congress- 2015. Name of Bank: State Bank of Patiala, ICAR-NDRI Branch, Karnal (Haryana). IFSC Code: STBP0000326

## Abstracts/Posters/Young Scientist Awards

During 12 ASC we are making efforts to provide you ample of quality time to meet, network, and discuss your research with our speakers and attending delegates. That way it can be just the right platform to explore collaborations and making your academic experience most rewarding. You are welcome to submit abstracts in any field of agriculture/ animal/ dairy/ fishery/ engineering/ social sciences. Abstracts for 12 ASC are being received only through online submission. 300 Best abstracts will be presented in the poster sessions and published in the congress proceedings. Rest of the accepted abstracts will be published in the congress proceedings. Selected posters under respective subject matter groups will be awarded with 'Best Poster Award'.

One of the prime attractions will be the presentations for 12 ASC Young Scientist Awards. In case you want to be considered for the award presentation, please ensure that you are the first and the presenting author and you are below 35 Years of age as on 1st February 2015.

Please follow guidelines available on the 12th ASC website for preparing your abstract/ poster.

## Accommodation/Travel

12 ASC organizing team has made elaborate arrangements for your comfortable stay at Karnal during the conference. Karnal city has numerous hotels of all categories ranging from 5 Star to Budget Hotels located within 2 KM of the conference place. Dedicated fleets of vehicles will take care of your transit from the places of your stay to the conference place. Students will be accommodated in campus at ICAR-NDRI Hostels/ Farmer Hostels/ Trainees Hostels. Please explore the hotels at Karnal at <http://www.agricongress2015.in>

OUR TRAVEL PARTNER



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[agricongress2015.in/hotels-in-karnal/](http://agricongress2015.in/hotels-in-karnal/) Our official travel partner Cox & Kings have worked out specially discounted tariff rates in all of these hotels for 12 ASC delegates. For exact tariffs etc please visit our web site at <http://agricongress2015.in/travel-agents/> For all your travel, accommodation and pre or post conference tours please contact the Cox & Kings 12 ASC Project Manager, Mr. Pankaj Umrao, Kamal Cinema Commercial Complex, Block A & B, Safdarjung Enclave, New Delhi 110029. Contact No. (Tel) 011-26768811 (M) +91-9711-9920-42 Email ID: [ibtconf.del@coxandkings.com](mailto:ibtconf.del@coxandkings.com). Write to us for any difficulty.

## About Karnal

Karnal, founded by "Raja Karna" of Mahabharata, is one of the prominent historical cities in Haryana. The city is also known as a walled town where the citadel of old times can still be seen in form of Kot-Mohalla. The NASA astronaut Late Kalpana Chawla, was born here. The city is located on Sher Shah Suri Marg (G.T. Road), and is located exactly at the middle between Delhi to Chandigarh (125 KM from either Delhi or Chandigarh). The historic city of Kurukshetra and the city beautiful Chandigarh are at close proximity to Karnal. The nearest airport is IGI Airport, New Delhi and is very well connected with Karnal by road/ rail.



**Weather:** During February Karnal weather remains comfortable; a bit chill towards night. In general the temperature during the conference time is expected between 22°C (Max) to 12°C (Min).

**Clothing:** Formal dresses like a pair of trousers and a woolen pullover/jacket should be comfortable.

**Food:** You will be served with general veg/ non-veg meals and hot/ cool beverages during the conference. There are several eateries at Karnal to enjoy veg/ non-veg meals of typical Punjabi taste apart from South Indian and continental cuisines.

## Entertainment

To help you reel out of the hectic day-long scientific sessions, special Cultural Programmes have been planned during the evenings of 12 ASC. On 3rd February 2015 there will be a special open air Gazal Evening to be performed by artists of national fame. Padmashree Ms. Shovana Narayan will be presenting a specially crafted Kathak Recital for the delegates of 12 ASC in the evening of 4th February 2014. Ms. Shovana Narayan remains an internationally acclaimed outstanding performer of Indian classical music and dance. Her career spanning over four decades has seen her mesmerizing audiences all over the world in several prestigious national and international occasions. The students of ICAR-NDRI will present a star studded evening of music, dance and acts on 5th February 2014.







# ASC INDIA EXPO

India's Agricultural Science & Technology Expo

## ASC - India Expo 2015 in Parallel to the 12<sup>th</sup> ASC

The ASC India Expo will be a major attraction, providing an excellent platform to all the stake holders connected with the agriculture industry exploring opportunities to show case their products, services, technologies & initiatives to the policy makers, corporates, R&D experts and thousands of farmers. The expo shall bring together a wide spectrum of participants from sericulture, floriculture, plasticulture, dairy, poultry, farm practices, equipments, fertilizers, pesticides, seeds, irrigation, food processing etc along with lab chemicals & analytical equipment for laboratory research. Haryana and its adjoining states like Punjab, Himachal and Uttarakhand are well known for their growing trend of mechanized agriculture and big investments in the agriculture sector. The reputation of ICAR-NDRI for its forward and backward linkage with farmers and industry,

very strategic location of Karnal, clean environment and smooth connectivity of Karnal with major metro cities around like Delhi, Chandigarh, Ambala etc. offers added advantage to the participants of Expo."

## OUR EVENT PARTNER

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For more information on sponsorship opportunities and space booking in the expo, please contact us or write directly to:

MM Activ: 103-104, Rohit House, 3 Tolstoy Marg, Connaught Place, New Delhi- 110001

Ph: +91-11-43542737

Fax : +91-11-23319388

email: [ascindiaexpo@gmail.com](mailto:ascindiaexpo@gmail.com)

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