

Evation

# Post Conference Report



# AGRI Vision 2020

January 27-28, 2020 | Bhubaneswar, Odisha-India

## International Conference on Agriculture

### Sponsors & Supporters



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## Agri Vision 2020: Report

### Overview:

Evation Business Solutions (P) Ltd. has successfully hosted the **Agri Vision-2020: International Conference on Agriculture** during **January 27-28, 2020** at **Institute of Life Sciences (ILS) auditorium at Bhubaneswar Odisha**. The Agri Vision 2020 was revolved round the theme **“Integrated strategies for doubling the farmer’s income”** which is inline with the vision of Government of India. This two-day program was witnessed the presence of all the stakeholders of the Indian Agriculture sector starting from Researchers from universities, Agri Scientists, Policy makers from Government agencies and Public Sectors Units, Farming professionals and representative from Agri industries as well. This event marked with the presence of about 100 participants including delegates and speakers. The Agri Vision 2020 was composed of Plenary/Keynote speeches, Oral Sessions, Young Investigator Presentations, Poster presentations, Young Investigator Awards, Best Poster Awards, Exhibitions.

### Organizing Committee Members & Other Supporters:

We are thankful to **Dr. Arup K Mukherjee**, Principal Scientist, ICAR-National Rice Research Institute Cuttack, and **Dr. Sabuj Sahoo**, Utkal University, for their unconditional scientific support guidance being the main Organizing Committee Members of Agri Vision 2020, without whom we would not be able to execute this conference.

A special thanks to **Dr. Trilochan Mohapatra**, Director General ICAR & Secretary DARE-Govt of India, **Shri. Bimbadhar Pradhan**, Addl. Secretary and Financial Advisor (DARE/ICAR), **Shri S.K Pattanayak**, Director General, ASCI, **Dr. Ajay Parida**, Director, ILS, Bhubaneswar, **Dr. Himanshu Pathak**, Director, ICAR-National Rice Research Institute Cuttack, & **Prof. Madappa Mahadevappa**, Director, JSS Rural, Development Foundation for their direct and indirect support.

### Sponsors & Supporters:

We are very grateful to our sponsors, **National Skill Development Corporation (NSDC)**, **Indian Farmers Fertiliser Cooperative Ltd. (IFFCO)**, **National Bank for Agriculture and Rural Development (NABARD)**, **National Seeds Corporation Ltd. (NSC)**, and **ICAR- National Rice Research Institute (ICAR-NRRI)**.



- A Special thanks to **National Skill Development Corporation (NSDC)** being the **Silver Sponsor** of the Agri Vision-2020 and for their stall exhibition at the conference.
- The financial assistance received from the Research & Development Fund of National **Bank for Agriculture and Rural Development (NABARD)**, towards the publication of book of abstract is greatly acknowledged.
- We extend our thanks to **ICAR-NRRI** for the stall exhibition at the conference and providing us the speaker/knowledge support.
- We are also very much thankful to **IFFCO** for sponsoring the Conference program.

- We are thankful to **National Seeds Corporation Ltd.** (NSC) for sponsoring the conference, sending the information related to their products and moreover supporting us with their delegates.

Last but not the least, we are thankful to **Institute of Life Sciences** (ILS), Bhubaneswar for their infrastructure support, Our vendors (Printing, Publisher, Catering, Suppliers, Event management agency etc.) and Electronics media (Argus, News 18) and Print Media (Pragativadi, The Samaj, City News, Speedy News) for covering our Conferences.

## Agri Vision 2020 Scientific Program:

The Agri Vision 2020 was inaugurated on January 27, 2020 with the **introductory speech** of **Er. Dibyanshu Prasad Das**, MD & CEO, Evation, **inaugural speech** of **Dr. Ajay Parida**, Director, Institute of Life Sciences, Bhubaneswar followed by the Keynote speech of **Dr. Arup Kumar Mukherjee**, Principal Scientist, ICAR-National Rice Research Institute (NRRI), Oral presentations from other Scientists of NRRI & other institutes, Young Investigator Presentations, Poster Presentation followed by Certificate distribution, Felicitation and closing remark by Er. Dibyanshu Prasad Das, CEO, Evation.

Day two program was started from the opening Plenary remark of **Shri Ram Chandra Sahoo**, Deputy General Manager, NABARD (Regional Office - Odisha) followed by the Keynote speeches of **Dr. Sabuj Sahoo**, Reader, Dept. of Biotechnology, Utkal University, **Dr. M.Nedunchezhiyan**, Head (I/C) Regional Station, Regional Centre of ICAR-Central Tuber Crops Research Institute, Bhubaneswar, **Dr. Krishnendu Chattopadhyay**, Principal Scientist, ICAR-NRRI, **Dr. Koushik Chakraborty**, Scientist, ICAR-NRRI, **Dr. Sanghamitra Samantaray**, Principal Scientist, ICAR-NRRI, Oral presentations from various stakeholders, Young investigator presentations, Inauguration of Evation's new venture Online Open Access (OAA) Journal i.e. Journal of Agribiotechnology & Crop Improvement, Felicitation to Keynote Speakers, Sponsors & their representatives, Certificate distribution to Participants, other supporters, Young Investigator & best Poster Awards, closing remarks and declaration of **Agri Vision-2021** (January 27-28, 2021 at Cuttack, Odisha).

## Scientific Program: Day-1

### Inaugural Speech

Day one program was started with the inaugural speech of **Dr. Ajay Parida**, Director, Institute of Life Sciences, Bhubaneswar. Dr. Parida discussed current scenario of Agriculture in India, the socio economical value of Agriculture, the strategies that will attract more and more young minds towards agriculture with much focus with Agri Entrepreneurship, Various strategies for doubling the farmers income including Government initiatives and vision to achieve the doubling income of farmers by 2022.

### Keynote Speech:

The Keynote sessions was delivered by **Dr. Arup Kumar Mukherjee**, Principal Scientist, ICAR-National Rice Research Institute, India. The title was "*Trichoderma in good agriculture practices for enhancing farmers' income*". This session was revolved around the use of biofertilizers and biocontrol agents (BCA) to replace chemical fertilizers and pesticides that will help the farmers in increase their yield potential and supporting in doubling their income.

### Oral Presentations

Total Eight oral presentations given at the scientific sessions followed by Young Investigator Presentations and poster presentations.

Dr. Prafulla Kumar Nayak (Principal Scientist), Dr. Priyadarsani Sanghamitra (Scientist), Dr. Anjani Kumar (Scientist), Dr. Supriya Priyadarsani (Scientist), Dr. Sangita Mohanty (Senior Scientist), Dr. Jaiprakash Bisen (Scientist), Dr. Prashantkumar. S. Hanjagi (Scientist) from ICAR-NRRI, Cuttack, Odisha, Prof. Bijoy Kumar Sahoo (Dean), Institute of Agricultural Sciences, SOA University has presented their research presentations at the oral sessions.

The major sessions discussed were; Rice- Fish- Live Stock-Horticulture and Agroforestry based Integrated Farming System, Physical and physiological trait with seed vigour in rice, Effects of elevated CO<sub>2</sub> and water deficit stress on nitrous oxide emission and soil enzyme activities in tropical rice soil, Processing & evaluation of most popular value-added products of rice, Real time nitrogen management using leaf colour chart enhanced yield and N use efficiency of rice, Impact of Soil Health Card on Crop Productivity and Farmers' Income, Screening and identification of Rice Genotypes for tolerance at cellular level etc.

### Scientific Program: Day-2

#### Inaugural Speech

Day two program was started with the inaugural speech of **Shri Ram Chandra Sahoo**, Deputy General Manager, NABARD (Regional Office - Odisha). He has explained the role of NABARD towards development of Agriculture & farmers being a premium financial institute of the sector. He explained briefly about various policies implemented by NABARD for the social economical development of farmers and farming.

#### Keynote Speech:

The Keynote sessions were delivered by **Dr. Sabuj Sahoo**, Reader, Dept. of Biotechnology, Utkal University, Bhubaneswar, **Dr. M. Nedunchezhiyan**, Head(I/C) Regional Station, Regional Centre of ICAR-Central Tuber Crops Research Institute, Bhubaneswar, **Dr. Krishnendu Chattopadhyay** (Principal Scientist), **Dr. Sanghamitra Samantaray** (Principal Scientist), and **Dr. Koushik Chakraborty** (Scientist) of ICAR-NRRI, Cuttack.

Major topics discussed include; Chitin deacetylase for improved production of chitosan with bio adsorption efficiency for sustainable agriculture, Tuber crops based integrated farming system for doubling farmers income, Biofortification in rice and its potential impact on increasing farmers' income and achieving food and nutritional security in India, Salinity stress to rice cultivation in coastal agro-ecosystem & its management, and Doubled Haploid Breeding: exceeding our expectations in rice improvement.

### Oral Presentations

Three oral presentations delivered at the scientific sessions followed by Young Investigator Presentations. Dr. Devanna BN (Scientist), Dr. Jawahar Lal Katara (Scientist), and Dr. Parameswaran C. (Scientist) from ICAR-NRRI has presented their research in this session.

Major topics discussed include; Engineering rice for resistance to blast and sheath blight diseases, Development of mapping population (s) for 21 days submergence tolerance in rice: characterization of Sub1 locus using CRISPR-Cas9, and Genome editing of yield related traits of rice in rainfed ecologies using CRISPR-Cas9.

### Young Investigator Presentations & Awards:

Total five Research Scholars have presented their research ideas under the Young Investigator forum which was evaluated by the expert committee. The young researchers participated in this forum were; Harekrushna Swain, Ansuman Khandual from ICAR-NRRI, Cuttack in Day-1 and Kishor J, Sudhansu Sekhar Bhuyan, Byomkesh Dash from ICAR-NRRI in Day-2.

Prof. Bijoy Kumar Sahoo, Dean, Institute of Agricultural Sciences, SOA University, Dr. Prashantkumar. S. Hanjagi, Scientist, ICAR-National Rice Research Institute, Dr. Arup Kumar Mukherjee, Principal Scientist, ICAR-National Rice Research Institute, and Dr. M.Nedunchezhiyan, Head(I/C) Regional Station, Regional Centre of ICAR-Central Tuber Crops Research Institute, Bhubaneswar evaluated the Young Research presentations. The Evaluation was based on the Presentation Skills, Novelty of Research, Commercial Viability of the Research, Future Scope of the Research followed by Q&A.

**Mr. harekrushna Swain & Mr. Byomkesh Dash** from ICAR-NRRI, Cuttack bagged the **Evation Young Investigator Award-2020** for their research title “*Chlamydo spore of Trichoderma promotes plant growth and imparts higher stress tolerance as compared to conidia*” & “*Development of Haploid Inducer lines in indica rice using CRISPR-Cas9 approach*” respectively. They are awarded with a Young investigator Award certificate and memento.

### Best Poster Presentation Awards:

Total Seven research Scholars & Scientists have participated in the Evation Best Poster Award Competition, which was evaluated by an independent evaluation committee. The participants were; Ms. Rupalin Jena, Sarmistha Sarangi, Bandita Sahoo, Shuvendu Shekhar Mohapatra, Nutan Kumar Moharana from ICAR-NRRI, Cuttack, Arpita Dash and Mousumi Tripathy from Centurion University of Technology and Management, Bhubaneswar and Dr. Kalidas Pati, Scientist, ICAR- CTCRI, Bhubaneswar.

Prof. Bijoy Kumar Sahoo, Dean, Institute of Agricultural Sciences, SOA University, Dr. Prashantkumar. S. Hanjagi, Scientist, ICAR-National Rice Research Institute evaluated the posters. Evaluation was based on the Presentation Skills, Novelty of Research, Commercial Viability of the Research, Future Scope of the Research followed by Q&A.

**Ms. Sarmistha Sarangi & Bandita Sahoo** from ICAR-NRRI, Cuttack were awarded with Best Poster Presentation awards. They received the certificate and memento as a token of appreciation for their research work by Evation.

### Journal Inauguration:

Evation Business Solutions entered into a new venture called Online Open Access (OAA) Journal which was inaugurated at Agri Vision 2020 platform. We hosted our new Open Access Journal: “**Journal of Agricultural Biotechnology & Crop Improvement**”.



Figure: OOA Agri Biotech Journal

All the submitted abstract (the proceeding book) will be published in this journal as a special issue. The Agri Biotech journal is an Open Access journal and can be accessed online at:

[www.onlineopenaccess.com/agri-biotech](http://www.onlineopenaccess.com/agri-biotech)

We invite all the experts associated with us to contribute to this journal in terms of joining as an Editorial Board Members and Reviewer. Also, expect the article contribution for this journal to support the new platform of its kind.

### **Felicitations & Closing Remarks of Agri Vision 2020**

All the participants, Delegates, Sponsors and Supporters were felicitated with certificate, memento as a token of appreciation from Evation. We felicitated **Mr. Debi prasad Mohanty & Mr. Satya Nayak** from NSDC, Delegation from ICAR-NRRI, **Mr. BL Thakkar** from NSC.

The closing remarks and vote of thanks was delivered by **Mr. Dibyanshu Das**, CEO, Evation Business Solutions (P) Ltd. With this closing ceremony Evation has announced its next chapter of the Agri Vision Conference i.e. **Agri Vision -2021** at *Cuttack, Odisha during January 27-28, 2021*.



Figure: Agri Vision 2021 Logo

### **Gallery: Agri Vision 2020**

The total gallery will be updated online very soon and the link will be shared to all our participants who made the Agri Vision 2020 a great success.