

Final Circular

National Conference on
EMERGING CHALLENGES AND OPPORTUNITIES IN
BIOTIC AND ABIOTIC STRESS MANAGEMENT
(ECOBASM-2014)



DECEMBER 13-14, 2014

Venue : Directorate of Rice Research, Rajendranagar, Hyderabad



Organized By:



Society for Scientific Development in Agriculture and Technology
MEERUT (U.P.) INDIA

In Collaboration with



Astha Foundation
Meerut (U.P.) INDIA



Society for Advancement of Rice Research,
Hyderabad (A.P.) INDIA

INTRODUCTION

The Society for Scientific Development in Agriculture and Technology (SSDAT) was founded in 2005 and registered under Societies Registration Act XXI of 1860 (Regd. No. 679). The prime objective of the society is to promote the innovative practices in Agriculture and Allied Science. The society has authorized **Dr. S. P. Singh**, the **Secretary** of the Executive committee to publish a research journal "**Progressive Research – An International Journal**" an official publication of the society which has been recognized by **National Academy of Agricultural Science (NAAS)** with **NAAS rating 3.16**. The first issue of the journal was published in the year 2006.

Astha Foundation (AF) was founded and registered in 2013. The prime objective of the society is to promote the innovative practices in Agriculture and Allied Sciences. The society has authorized **Dr. S.P. Singh**, the **Chief Managing Director (CMD)** of the Executive committee to publish a research journal "**Frontiers in Crop Improvement**" an official publication of the foundation. The first issue of the journal was published in the year 2013.

Agriculture in India ranks first in terms of manpower engaged (70%) and is the primary source of staple food of more than 8 billion people in the world, most of whom live in Asia. Rice alone is grown in 44 million ha out of the total cultivable area of 145 mha, consumes water (more than 50% irrigation water) and inputs (38-40% of fertilizers and 17–18% pesticides). Agriculture in India is highly diversified and crops are grown in diversified environments viz., water logged to rainfed uplands, jhums to deep water, high humid to arid temperatures and flood prone to drylands. Of late, crop yield and growth has reached a plateau and no significant increase is being realized in productivity levels. Achieving high crop yields is constrained by the losses caused by biotic and abiotic stresses. Such intensifications may in turn increase biotic and abiotic stresses. The increases in production has to be achieved under conditions of declining and deteriorating land, soil and water resources and at the same time preserving the environmental quality. It will be indeed difficult to meet these daunting challenges only with the application of conventional techniques and tools, as no headway is being made through these approaches. Emerging challenges are plenty and new frontiers of combating these imposed challenges have to be identified. As the emerging problems and challenges in agriculture are multi-pronged, a holistic multi-disciplinary integrated approach would be imperative. This warrants a knowledge based alleviation and management of biotic and abiotic stresses keeping in view the resource availability, cropping system, cropping intensity and nutrient flows in the system to economize input costs and improve factor productivity. In this context, deliberations in the national conference by eminent and galaxy of speakers may provide a more sustainable approach to crop production. Considering this, ECOBASM-2014 is conceptualized with following themes :-

THEMES

- Theme-1 :** Genetics, Cyto Genetics and Breeding Advances
- Theme-2 :** Biotechnology and Genetic Engineering tools and Techniques
- Theme-3 :** Nanotechnology
- Theme-4 :** Climate Change Initiatives and Mitigation options
- Theme-5 :** New Frontiers in Disease and Pests Management
- Theme-6 :** Innovative Approaches in Soil Health Management
- Theme-7 :** New Agronomy/Cropping System/Diversity
- Theme-8 :** Digital Approaches (ICTs)
- Theme-9 :** Extension/Social and Indigenous Technical Knowledge
- Theme-10 :** Policies and Economics of Profitable Agriculture
- Theme-11 :** Animal Health and Animal Husbandry

Clientele : Delegation from basic to agricultural to any streams of sciences are welcome relevant to the thematic areas of the national conference ECOBASM-2014.

Call for abstracts/papers : Original research papers/abstracts/conceptual papers related to the conference themes are invited from all the stakeholders viz. students, faculties of SAU's/ICAR institutes and PSUs/ Companies/Private organizations. The soft and hard copy of the papers/abstracts/conceptual papers may be sent to the organizing secretary of the conference on or before **30.11.2014**

Invited, Oral and Poster presentations : Leading scientists and faculties from India and abroad in the relevant areas of the national conference will be invited as lead speakers. Oral and Posters presentations from the delegates are also invited relevant to the thematic areas. The best oral and poster presentations under each theme of the ECOBASM -2014 will be felicitated during the conference. The dimensions of the poster should not increase 1m x 1m (1 sqm) length and widthwise. Flex/ Glossy and Pictorial representations should be clearly and perceptibly visible for judging. Names and Institute affiliations are a must in all the posters.

CONFERENCE AWARDS

Interested persons are requested to submit two hard copies with CD (Rich Text File Formate) of their bio-data or either send by mail to the Organizing Secretary, ECOBASM-2014 by 30.11.2014

Society for Scientific Development in Agriculture and Technology (SSDAT)

1. Ch. Hansa Singh Award : One
2. Life Time Achievement Award : Two
3. Distinguished Scientist Award : Five
4. Outstanding Achievement Award : One
5. Excellence in Teaching Award : Ten
6. Scientist of the Year Award : One
7. Young Scientist Award : Ten
8. Fellowship Award : Five
9. Scientist Associate Award : Five
10. Innovative Farmers Award : Two

Astha Foundation (AF)

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10. Innovative Farmers Award : Two

Important Dates

Last date for receipt of advance registrations	:	November 30, 2014
Last date for receipt of abstracts/papers	:	November 30, 2014
Confirmation of participation and intent for accommodation required	:	December 5th, 2014

Category	Registration fee (Before due date)	On spot Registration Fee
Students/RA/SRFs/TAs/Associates	Rs. 700/-	Rs. 1000/-
Faculties/Scientists/Teachers	Rs. 2500/-	Rs. 3000/-
Participants Form Industries/Private Organization	Rs. 3000/-	Rs. 4000/-

The registration fee must be paid in advance through Cash/Demand Draft/CBS Check in favour of **Society for Scientific Development in Agriculture and Technology**, payable at **Meerut**. Participants may also send the dully filled registration form by e-mail and registration fee by direct bank transfer in the account of society (**Oriental Bank of Commerce, Account No. 52272191008834, IFSC: ORBC0105227**) with an information through E-mail : **ecobasm2014@gmail.com, dr.sp.singh24@gmail.com**

Lodging and boarding : Lodging and boarding facilities will be provided on paid basis once requested well in advance to all the delegates in and around Rajendranagar, Hyderabad. They are requested not to bring their family members, as the accommodation is strictly meant for delegates only. No TA/DA will be paid by the organizers to the delegates. Tariffs in some of the hotels in and around Rajendranagar, Hyderabad range from Rs. 1000-2000/ single room/day available with all modern facilities. Guest house accommodation in and around Rajendranagar, Hyderabad, is limited and will be done on priority, provided prior intent and registration form along with conference fee is received well before due date.

About the City : Hyderabad, goes by its sobriquet City of Pearls. Hyderabad was founded by Muhammad Quli Qutb Shah in 1591 on the banks of Musi. Hyderabad has developed into one of the major hubs for the information technology industry in India which has earned it the additional sobriquet "Cyberabad". In addition to the IT industry, various biotechnology and pharmaceuticals companies have set up their operations in Hyderabad owing to its established Public sector in Life Science Research and Genome Valley.

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Designation _____

Organization _____

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Email will be used for all further communication

Accompanying person/s (if any) _____

Accommodation required _____

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Duly Filled registration form can be send to

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