

**DIRECTORATE OF RESEARCH
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No.AAU/DR/RES/T-2/	9148	/2013	Date: 17-12-2013
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To,

All Unit / Sub-Unit Head

All the Unit/Sub-Unit Heads of this University are hereby inform that CCS, HAU, Hisar organizing a Seminar on "Reorientation of Agricultural Research to Ensure National Food Security on 6th to 7th January, 2014. Those who are interested to apply can search a web-site – hau.ernet.in or contact Organizing Secretary on Mobile No. 91-9354325744. Copy of Brochure is enclosed herewith.

Encl : As Above.


**DIRECTOR OF RESEARCH & DEAN
FACULTY OF P. G. STUDIES**

Dear Colleagues,

Chaudhary Charan Singh Haryana Agricultural University, Hisar cordially invites you to attend the National Seminar on "Reorientation of Agricultural Research to Ensure National Food Security" to be organized by the Directorate of Research, CCS Haryana Agricultural University, Hisar-125004, Haryana from 6-7 January, 2014. It facilitates an excellent occasion for eminent and young scientists for presenting the scientific data and interacting with renowned scientists and corporate officials in the fields of agriculture.

ABOUT THE SEMINAR

Government of India, implemented National Food Security Bill with right to subsidized grains to two-thirds of India's 1.2 billion population. It will prove a historic step to weed out hunger from the country by providing food security to 75 per cent of the rural and 50 per cent of the urban population with focus on nutritional needs of children, pregnant and lactating women. To combat food and nutritional insecurity, yield increase of 3% per year, which has never been achieved in any major food crop, will be needed. In India, annual food grains production increased from 51 MT in the early fifties to 250 MT in 2012. Still being an agrarian country, over 200 million farmers and farm workers have been the backbone of India's agriculture. Despite achieving self-sufficiency in food production; poverty, lower profitability from agriculture especially of the marginal farmers and non-availability of enough food to poor people continues to be a matter of grave concern. India's population is likely to grow from 1.2 billion in 2012 to approximately 1.69 billion people in 2050 surpassing China by 2028. Global warming and associated adverse changes in climate, temperature and precipitation, poses another major threat to sustainable agriculture. The situation is further aggravated by the loss of productive land to rising sea levels, salinization, urbanization, soil-erosion; depleting natural resources and environmental problems associated with high-input agriculture particularly the overuse of chemicals.

Presently, it is being felt that in major crop species such as rice and wheat a yield plateau has been achieved and break through by conventional breeding alone would be very difficult. Taking these fact into consideration scientists and policy makers have advocated for a "Second Green Revolution, which is both more productive and more green" in terms of conserving natural resources and the environment, can be achieved only by the effective application of biotechnological genomic tools in combination with conventional breeding and agronomic approaches. We endeavour towards technically sound, economically viable, environmentally non-degrading and socially acceptable use of country's natural resources, land, water and genetic endowment to promote sustainable development of agriculture to produce enough food to successfully supplement the national food security bill in the country.

Chaudhary Charan Singh Haryana Agricultural University will provide the platform for discussion, interactions, research communication to gain cutting edge knowledge and draw a coherent strategy to implement future programmes for Food and Nutritional Security through gene revolution as well as by adopting green approach in changing scenario.

INFORMATION ABOUT THE SEMINAR

The technical program of the National Seminar will consist of plenary lectures, lead lectures, contributory papers, poster presentations, discussions with scientists, planners and representatives from industry and an exciting exhibition.

Venue: CCS Haryana Agricultural University, Hisar-125004, Haryana

Dates: January 6-7, 2014

MAJOR THEMES

Theme-I	Crop improvement for stress management and bio-fortification
Theme-II	Resource conservation technologies for enhancing input use efficiency
Theme-III	Soil health management for enhanced productivity
Theme-IV	Integrated farming system and diversified agriculture
Theme-V	Eco-friendly plant protection approaches for safer food
Theme-VI	Post-harvest management and value addition
Theme-VII	Challenges and Socio-economic dimensions in food security
Theme-VIII	Public-Private partnership in food security

PARTICIPATION AND REGISTRATION

All the delegates must register to participate in the RARFS2014 in the prescribed Registration Form which can be downloaded from the website <http://hau.ernet.in>. A crossed Demand Draft from any nationalized bank in favour of "Organizing Secretary, RARFS2014" payable at Hisar, should be sent to, Dr. R. P. Saharan, Organizing Secretary, RARFS2014, Directorate of Research, CCS Haryana Agricultural University, Hisar-125004, Haryana.

ABSTRACT SUBMISSION

Title: Capital letters, bold centered, Times New Roman 14
Author(s): Author name(s), organization, address, country, Email address, Times New Roman 12

Text: Maximum 350 words including the title, authors and address. MS Word Format, Times New Roman, 12 font size and single space leaving 1" margin on the left and right sides of a A4 page. **The abstract should be strictly as per the format given above.** The theme to which the abstract belongs must be clearly indicated in the registration application and on abstract e-mail ID of the presenting author must be clearly given in the abstract. Abstract should be submitted on or before December 20, 2013 in electronic form only as e-mail attachment to: RARFS2014@gmail.com. The abstract will be accepted subject to the payment of the Registration Fee. The acceptance will be communicated to the presenting author through e-mail immediately after the receipt of the abstract.

AWARDS

Best oral presentations and outstanding posters by young scientists/ students will be facilitated in each session.

IMPORTANT DATES

Abstract Submission Deadline: **20 December 2013**
 Acceptance Notification: **22 December 2013**
 Registration Deadline: **26 December 2013**
 Conference Date: **6-7 January 2014**

REGISTRATION FEE

Scientist: ₹ 2000 PG Student/Research Scholar: ₹ 750
 Corporate Sector: ₹ 4000

The registration fee may be paid by Demand Draft/Pay order in favour of Organizing Secretary payable at SBI, HAU, Hisar (Haryana).

ACCOMMODATION

Registered delegates will be accommodated in Faculty House and Farmers Hostel at the university campus on first-come-first-serve basis on official rates. On demand accommodation in the hotels located in the town would be reserved on advance payment to "Organizing Secretary, RARFS2014". For further details, please see the website: <http://hau.ernet.in>

Conference Secretariat: Directorate of Research, CCS Haryana Agricultural University, Hisar-125004, Haryana

E-mail: rarfs2014@gmail.com website: hau.ernet.in
 Phone: 01662-284319 Mobile: +91 9354325744

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