

**DIRECTORATE OF RESEARCH
ANAND AGRICULTURAL UNIVERSITY
UNIVERSITY BHAVAN, ANAND-388 110(Gujarat)**



Dr. K. B. Kathiria
Director of Research & Dean PG Studies

☎ / Fax : 02692-263600(O)
e-mail : dr@aau.in

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No.AAU/DR/RES/T-2/ 5752

/2015

Date: 15-09-2015

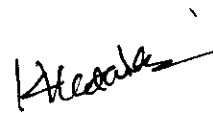
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To,

All the Unit / Sub Unit Heads
AAU, Anand

Please find attached herewith an E-mail dated 12-09-2015 received from Dr. D.K. Garg, Director and Prof. & Head, P.B.G., Directorate of Human Resource Development, S.K. Rajasthan Agricultural University, Bikaner regarding Winter School on **“Management of Biotic and Abiotic Stresses in Agriculture”** which will be held from **1-21 December, 2015** at SKRAU, Bikaner. This is for your information and further necessary action.

Encl : As above


Director of Research & Dean
Faculty of P. G. Studies



AAUDR Director of Research <dr@aaui.in>

Fwd: Winter school

Vice Chancellor AAU, Anand <vc@aaui.in>
 To: AAUDR Director of Research <dr@aaui.in>

Sat, Sep 12, 2015 at 10:07 AM

Sir,

The email is forwarded for information and further necessary action, if any, as per the instruction of Hon. Vice Chancellor.

Regards

PS to Vice Chancellor

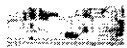
----- Forwarded message -----

From: **Dept. of Human Resource Development** <dhrd@raubikaner.org>

Date: Wed, Sep 9, 2015 at 12:04 PM

Subject: Winter school

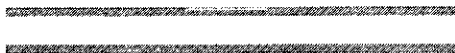
To: Akbar Ali <arssgnr2003@rediffmail.com>, arsb@raubikaner.org, Kvk Bikaner <kvkbikaner@gmail.com>, angrau-vc@yahoo.com, "Vice Chancellor AAU, Anand" <vc@aaui.in>, vc@aaui.ac.in, vijay_taneja@hotmail.com, vcbckv@vsnl.net, vc_bau@rediffmail.com, snpuri04@hayoo.co.in

3 attachments

Prof. Dr. Arsb
 Bikaner
 13/09/15



1 (1).jpg
 1619K



2 (2).jpg
 1846K



winter school letter.pdf
 642K

T-2
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ON AAU Web site

Discovered
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उत्तमा वृत्तिस्तु कृषिकर्मैव
9414604811 (Mob.)

मानव संसाधन विकास निदेशालय
स्वामी केशवानन्द राजस्थान कृषि विश्वविद्यालय
बीकानेर-334 006 (राजस्थान)



email: gargdkrau@gmail.com

Dr. D.K. Garg
Director and Prof. & Head, P.B.C.

No.: F.(12)/Estt./DHRD/2015- 176

Date: 01.09.2015

All the Vice Chancellors of S.A.I.s, Directors of ICAR Institutes and
All the Deans, Directors, University Officers & O.I.s of S.K. Raj Agril.
University, Bikaner

Subj: Winter School on "Management of Biotic and Abiotic Stresses in
Agriculture" to be held at Directorate of Human Resource Development, S.K.
Rajasthan Agricultural University, Bikaner from 1-21 December, 2015 -
Nominations requested.

Respected Sir / Madam,

It gives me immense pleasure to inform you that this Directorate of Human Resource
Development, S.K. Raj Agril. University, Bikaner is organizing a 21 days Winter School on
"Management of Biotic and Abiotic Stresses in Agriculture" from 1-21 December, 2015. The
Information Brochure of the Winter School is enclosed herewith for your kind perusal.

You are requested to kindly nominate one or two interested scientists/teachers/faculty
members currently engaged in different disciplines of agriculture not below the rank of Assistant
Professor from your esteemed institute / University to attend the programme. You are also
requested to kindly give a wide publicity of this programme amongst the faculty members of your
institution.

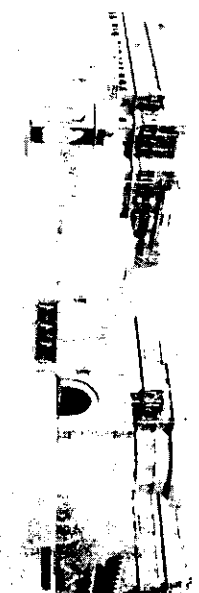
The application form of the participants may please be forwarded on the prescribed
application form so as to reach **on or before 26th October, 2015**. The brochure and form may be
downloaded from our website www.raubikaner.org

Your kind cooperation will be highly appreciated in this regard.

Yours sincerely,

✓ Enclosure: Information Brochure
as above.

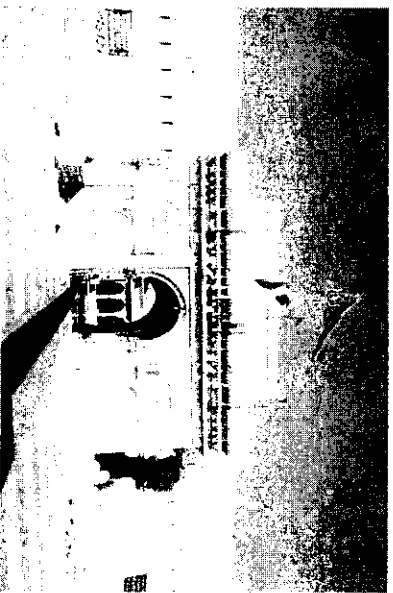
(D.K. Garg)
Course Director



About Bikaner

Bikaner lies in the North-Western part of Rajasthan state of India. This desert city has a totally unique stark beauty. The widespread sand-dunes, the moonlit glittering beauty and desert agility, the world-seeing natural sites, the marvelous palaces, havelis and temples, wild life sanctuaries and archaeological treasures all combine to make this city a place of lasting charm and permanent attraction. Famous all over the world for it's sweets specially rasgulla and namkuns (bhujia), the city offers over 500 years old culture and heritage, the very feel of Rajasthan.

The temperature ranges between 8-12° C during the month of December. Participants are advised to bring woolen clothes.



Contact:

Dr. G. K. Singh, Director

Directorate of Human Resource Development

SK Rajasthan Agricultural University

Bikaner - 334 006 (Rajasthan)

Phone: 0151-2250638, Mobile : 9414604811

E-mail: dhrc@rauhikaner.org, gargkrai@gmail.com

Application Form

Photo

1. Full name (in block letters)
2. Designation
3. Present employer and address
4. Address to which reply should be sent (in block letters)
- E-mail:
- Mobile No.:
5. Gender: Male / Female
6. Marital status: Married / Unmarried
7. Teaching / Research / Professional experience (Mention posts held during last five years)
8. Mention if you have participated in any Summer / Winter School / Short term course during previous year under SATS ICAR or any other organization. Pl. give details.
9. Demand Draft No.
- dated:
10. Date: Place:

Signature of applicant

I/It is certified that the above information was scrutinized from the office records and was found correct and recommended.

Signature of forwarding authority
with seal

Information Brochure

Winter School

1994

Management of Biotic and Abiotic Stresses in Agriculture

December 01-21, 2015



Organized by

Directorate of Human Resource Development

SK Rajasthan Agricultural University

Bikaner - 334 006

Ever increasing human population across the world, desertification, salinity, water deficit, pests & diseases and climate change are the key factors putting lots of pressure on agriculture and ultimately productivity of crops is hampered. Further, poor quality water (fluoride, arsenic) as well as soil and water pollution particularly by heavy metals has adverse effect on not only on crop quality and productivity but also on human health by entering in food-chain. Moreover, input intensive agriculture leads to shrinking of biodiversity due to preference of a few input responsive high-yielding crops as well as varieties.

Crop plants and domestic animals always remain under severe threat of biotic and abiotic stresses. Stress management through molecular and biochemical controls help in generation of stress signaling molecules. In addition crop plants accommodate themselves at morphological, physiological, biochemical and molecular levels for generating adaptive response to biotic and abiotic stresses. Breeding programmes aimed at genetic manipulations and biotechnological approaches have come to a long way in addressing such problems. Agronomic interventions can be also effective in reduction of biotic and abiotic stresses. In future what threats are foreseen in crop production systems, which traits are required to be tailored in new cultivars and how new biotechnological interventions are going to help us in making our coming generations safer, are some of the questions which need attention in the present time. Senior scientists from S.A.I.s and from reputed institutes/ organizations of related fields will act as resource persons so as to stimulate answers to aforesaid questions.

In view of foregoing discussion, this winter school has been designed with the following themes:-

- ◆ Biotic Stresses : Management of diseases and insect pests using breeding as well as chemical and cultural approaches.
- ◆ Abiotic stresses : Drought, problematic resources, water logging and heat stress, etc.

- ◆ Farming system modeling for sustainable agriculture.
- ◆ Stresses posed by mineral toxicity, nutrient deficiencies and pollutants in soil water and environment.
- ◆ Physiological, biochemical and molecular transgenics in stress management.
- ◆ Minimize adversities of climate change.
- ◆ ITR in Stress Management.
- ◆ Dissemination of technologies for management of stresses.

Participants eligibility

Assistant Professor/ Scientist with two years experience or Associate Professor/ Sr. Scientist working in S.A.I.s, ICAR institutes and other organizations in the field of agriculture or allied disciplines are eligible for the course.

No. of seats and selection

No of seats are 25. Participants will be selected on the basis of eligibility criteria

Duration and Venue

The course would be of 21 days duration. The participants would be required to register between 10-11 A.M. on December 1st.

The programme will be organized at (Conference Hall of Directorate of Human Resource Development (DHRD), SKRAT, Bikaner.

Application Fee

A.I.D. of Rs. 50/- (Non refundable) drawn in favour of the Director, Directorate of Human Resource Development payable at Bikaner be sent along with

filled application form. Lodging, boarding and T.A. will be provided as per ICAR rules of Winter School. Train/Bus fare by the shortest route with maximum of 11 tier A.C. will be reimbursed on producing of relevant tickets/documents.

Application procedure

The application through proper channel duly completed in all respects should reach to the Director, DHRD, SKRAT, Bikaner by closing date, October 26, 2015. Once selected, candidates will be intimated through E-mail, to which participants have to reply with firm acceptance immediately.

Organizing Committee

Director, DHRD	- Course Director
Professor, COA	- Course Coordinator
Professor, DOR	- Course Coordinator
Professor, DEE	- Course Coordinator
Assoc. Prof., DHRD	- Course Coordinator

