



उत्तमा वृत्तिस्तु कृषिकर्मैव

# SKRAU NEWS

A Newsletter of Swami Keshwanand Rajasthan Agricultural University, Bikaner

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No. II



Swami Somgiri Ji addressing the audience on 31<sup>st</sup> Foundation Day of the University

## Celebrations

**August 1, 2017:** The University celebrated its 31<sup>st</sup> Foundation Day where a document 'Vikas Yatra ke Teen Dashak' was released and some founder members were honoured.

**September 13, 2017 :** A lecture on 'Shashwat Yogik Kheti' was arranged for benefit of scientists, staff and students of the university under 'Rajasthan Kisan Sashaktikaran Abhiyaan' by



Lecture on Yogik Kheti organized in University by Prajapati Brahmakumari Ishwariya Vishwavidhyalaya

Prajapati Brahmakumari Ishwariya Vishwavidhyalaya, Mount Abu.

**September 14-20, 2017 :** 'Hindi Saptah' was organized by the Directorate of Students' Welfare for Teaching and Non-Teaching staff as well as students of the university. Various competitions in Hindi like essay writing, dictation, debate, extempore were held during the week to induce a spirit for healthy usage and respect for our mother tongue.

**September 15 - Oct. 2, 2017 :** Under 'Swachhata he Sewa' Abhiyaan different activities were taken up by all the units of the University.

**October 31, 2017 :** The birth anniversary of Iron Man, Sardar Vallabh Bhai Patel was celebrated as National Unity Day, wherein various activities like Run for

Unity, lectures, essay writing and other competitions were organized for students and staff.



National Unity Day celebration in University

**November 29, 2017 :** Fifteenth Convocation of the university was held in which 572 students were awarded with Bachelor's Degree, 88 students with Master's Degree and 21 students with Ph.D. Degree. Eleven worthy students were awarded with Gold Medals.



15<sup>th</sup> Convocation Ceremony of University

**December 14-19, 2017 :** Under Agriculture Scientific and Technical Terminology Commission, Ministry of Human Resource Development, GoI, New Delhi the updating of agriculture vocabulary was done.

## Implementation of V Deans' Committee recommendations

As per the recommendations of ICAR's V Deans' Committee, the colleges have restructured the courses and syllabus of



undergraduate programme from the first semester of academic session 2017-18.

### Students' Co-Curricular Activities

**August 04, 2017:** Swachata Oath was taken by staff and students of College of Home Science, Bikaner under National Social Service (NSS) activities.

**August 28, 2017:** University Students Union elections were held.

**September 04-07, 2017:** Nutrition Week was celebrated by Department of Foods and Nutrition, College of Home Science.

**September 5, 2017:** Teacher's Day was celebrated at College of Agriculture and College of Home Science, Bikaner.

**October 06, 2017:** Exhibition cum sale was held in the Department of Family Resource Management (FRM), College of Home Science. Decorative items such as *diyas*, *bandanwar*, wall hangings and artificial flowers were displayed for sale.

**October 06, 2017:** Under the Chairmanship of Dr. B. R. Chhipa, Hon'ble Vice Chancellor, SKRAU, the Central Students' Union office was inaugurated by Shri Gajendra Singh Shekhawat, Hon'ble Minister of State for Agriculture and Farmers' Welfare, GoI. The responsibility was shouldered by Director Students' Welfare.



Central Students' Union Office Inauguration Function in the campus

**October 09-11, 2017:** Games and cultural activities were held in the

College of Agriculture, SKRAU, Bikaner. Inter - House competitions were conducted where eight competitions of games (football, volleyball, *kabaddi*, table-tennis, badminton, chess, race and basketball) and cultural activities (solo and group song, dance, debate, collage, *rangoli*, elocution etc.) were conducted.

**October 24-27, 2017:** University Women's Basketball team participated in WZ Inter University Basketball (W) tournament held at ITM University, Gwalior.

**October 25-31, 2017:** University Men's Chess (M) team participated in WZ Inter University Chess (M) tournament held at Jagran Lakecity University, Bhopal.



Univ. Women's Chess Team at Jagran Lakecity University, Bhopal

**Nov 1-3, 2017 :** 80 per cent students of MBA of Institute of Agri Business Management, got job placements in companies like Chambal Fertilizers Pvt. Ltd, Matix Fertilizers, Dhanuka Agritech Ltd, Rasi Seeds, Star Agri Warehousing under the Campus Placement Program. The average package offered was above 5.5 lakh rupees per annum. Entrepreneurship Cell was inaugurated in the Institute of Agri Business Management by Hon'ble Vice Chancellor, SKRAU Bikaner to train and provide handholding facilities for



Inauguration of e-Cell at IABM

entrepreneurial ventures to the students.

**November 17-23, 2017:** Students of College of Home Science and College of Agriculture celebrated Communal Harmony Week under National Service Scheme (NSS).



Freshers' Party Function in College of Home Science

**November 18, 2017:** College of Home Science organized Orientation Week during July 27-29, 2017; College of Agriculture held 'Navyam' on November 18, 2017 and Institute of Agri Business Management held 'Abhinandan' 2017 for welcoming the new students in the respective institutions.

**November 23, 2017:** B.Sc. students (III & IV Yr) of College of Home Science visited the university adopted village, Benisar on the occasion of Sadbhawana Diwas and Communal Harmony Week and conducted activities like lectures on entrepreneurship and cleanliness of the surrounding areas under NSS programme.

**Nov. 24, 2017:** On the occasion of Flag Day, funds were raised by the students of College of Agriculture by selling labels, national flags and stickers of communal harmony to mark respect and gratitude towards the Indian Armed Forces personnel and the Nation.

**December 25, 2017:** Christmas festival was celebrated in the Nursery Lab of Department of Human Development and Family Studies, College of Home Science. Various activities like puppet show



and athletics were conducted and prizes and gifts were given to the winners.



Christmas Day Celebration in Home Sc. Nursery

**Dec. 27- 30, 2017:** IV year B.Sc. students of College of Home Science, Bikaner were taken on an Educational Tour to Hissar (CCSHAU) and Ludhiana (PAU).

### Research Highlights

Chickpea varieties GNG 2144 (*Teej*) developed by Dr. Vijay Prakash, Professor and Project Incharge, AICRP on Chickpea, ARS, Sriganaganagar are suitable for late sown irrigated conditions of North West Plain of India and Rajasthan and GNG 2171 (*Meera*) suitable for timely sown irrigated conditions of North West Plain of India.

- Planting Nappier bajra (NBH var. Co-4/Co-3) at 60 x 60 geometry in rows and perennial Lucerne (var. Krishana, RL-88 or any other) between two NBH row spaced 3.6 meter (ratio 1:6 A/A) in sequence, resulting significantly higher green fodder (862 q/ha) and dry fodder (233 q/ha) annually as compared to other fodder cropping sequence. This fetched the maximum net returns (Rs. 90334/ ha) and B:C ratio (3.61) in comparison to less than 2.0 in prevailing fodder cropping sequences, NBH fertilized @150:40:20 as N:P:K doses and irrigation management for Lucerne crop (intervals of 5-10 days at

establishment and summer and 10-15 days during winter growth periods) fulfils the water requirement of Napier bajra hybrid as well.

- Irrigation of wheat at ETc 0.8 along with application of 120 kg N ha<sup>-1</sup> is suitable to get better yield and water productivity in Bikaner region.
- To achieve targeted yield under IPNS for which fertilizer needs of cabbage was recommended after soil test values. The generated fertilizer prescription equations were computed as : Fertilizer Nitrogen (kg/ha) = 1.31 target yield -0.715 soil Nitrogen - 1.09 FYM/Compost Fertilizer Phosphorus (kg/ha) = 0.81 target yield -1.99 soil phosphorus - 1.0 FYM/Compost Fertilizer Potash (kg/ha) = 1.42 target yield -0.56 soil potash - 1.09 FYM/Compost Organic matter is used for increasing the efficiency of nitrogen, phosphorus and potash fertilizer and is thus recommended. With the use of organic matter the dose of above fertilizer can be decreased.
- Soil application of 10 kg/ha *Trichoderma harzianum*/ *pseudomonas fluorescens* mixed with 400 kg vermi compost in gram and mustard crop was found effective for the control of wilt and root rot disease of gram and mustard.
- Seed treatment of wheat with Imidacloprid 17.8 SL @3 ml/kg seed is found effective for the management of termite.

### Outreach to Famers

Total seven exhibitions were put up by Directorate of Extension Education (DEE), SKRAU,



Ag. Minister Sh. Prabhulal Saini visiting University Exhibition at GRAM-2017 Udaipur

Bikaner on crop varieties, low water requiring technologies, value added products of pearl millet (biscuits, *kurkure* etc.), developed by SKRAU on 31<sup>st</sup> Foundation Day of SKRAU, Bikaner (August 1, 2017); Kisan Mela and Farmer's Innovation Day at Jodhpur (September 23, 2017); Krishi and Pashu Vigyan Mela at Rajasthan University of Veterinary and Animal Science, Bikaner (October 6, 2017); Groundnut Farmer's Fair Regional Centre, CSWRI, Bikaner (October 7, 2017) and Global



Sh. G. S. Shekhawat, Hon'ble Minister of State for Ag. and Farmers' Welfare visiting University Exhibition at RAJUVAS, Bikaner

Rajasthan Agri-tech Meet-2017 (GRAM-2017) at Udaipur (November 07-09, 2017).

Total 141 trainings were conducted by DEE for farmers, farm women and field functionaries through which 3568 participants benefitted. Total 1212 demonstrations were laid out in the reporting period on an area of 517.3 ha in which 526 demonstrations were laid out of pulses in 225.3 ha, 361 demonstrations of other crops and 325 of oilseeds on an area of 162 ha and 130 ha, respectively. The



Directorate has approached the farming community through 15 radio talks, 94 print media news coverage, 12 extension publications, 4 exhibitions, 215 *Chokhi Kheti* (Monthly News Letter) membership, 05 on-farm testing, 87 lectures delivered by scientists, 74 scientists visit to farmers' fields, 21 film shows, 13 field days and 11 *kisan goshties*.

### Award



ICAR-Chaudhary Devi Lal Outstanding Best AICRP Chickpea Centre Award Received by Prof. Vijay Prakash, ARS, SGNR (16-7-20017)

### New Appointments (December 2017)

1. Dr. Ranveer Singh, Associate Prof. (Soil Science)-AICRP on STCR (Soil Test Crop Response) ARS, Sriganganagar
2. Dr. Ranjeet Singh Rathore, Assoc. Prof. (Animal

Production) College of Agriculture, Bikaner

3. Dr. Ravi Kant Sharma, Associate Prof. (Soil Science) College of Agriculture, Bikaner
4. Rajendra Kumar Jakhar, Asstt. Prof. (Soil Science) College of Agriculture, Bikaner
5. Dr. Shirish Sharma, Asstt. Prof. (Agricultural Economics) College of Agriculture, Bikaner
6. Sh. Vikram Yogi Asstt. Prof. (Agricultural Economics) College of Agriculture, Bikaner
7. Sh. Sushil Kumar Kharia, Asstt. Prof. (Soil Science) College of Agriculture, Bikaner
8. Dr. Kirti Khatri, Asstt. Prof. (Family Resource Management) College of Home Science, Bikaner
9. Mrs. Manju Rathore, Asstt. Prof. (Human Development and Family Studies) College of Home Science, Bikaner

### Retirements

#### Teaching

1. Dr. P. S. Rathore, Professor, Agronomy (31.07.17)
2. Dr. B. S. Yadav, Professor Soil Science, Director DPME

(31.08.17)

3. Dr. (Mrs.) Anita Singh Assoc. Prof. HECM, DHRD (30.09.17)
4. Sh. R. S. Shekhawat, Assoc. Prof. Ag. Economics, DoR (30.09.17)

### Non-Teaching

1. Sh. Nathuram (ASO), ARS (31.07.17)
2. Sh. Hira Lal Sarswa, (AAO-II), ARS SGNR (31.8.17)
3. Sohan Lal, (Class IV), ARS, SGNR (31.8.2017)
4. Sh R.C Joshi (Clerk Gr.I) Univ. Adm. Office, SKRAU (31.08.17)
5. Sh Dharampal (Driver) MAF, Rojari (31.08.17)
6. Sh. Ganga Ram, (Class IV) ARS SGNR (30.11.2017)
7. Mohan P. V. (Class IV) Univ. Adm. Office (30.11.17)
8. Sh R. S. Agnihotri (Lib. Asstt.) Central Library (31.12.17)
9. Sohan Lal, Class IV, KVK, SGNR (31.12.2017)

**Arise ! Awake ! and stop not  
until the goal is reached**

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### Editorial Board

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### BOOK-POST

To, \_\_\_\_\_

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