

RAJUVAS NEWSLETTER

July-September, 2014

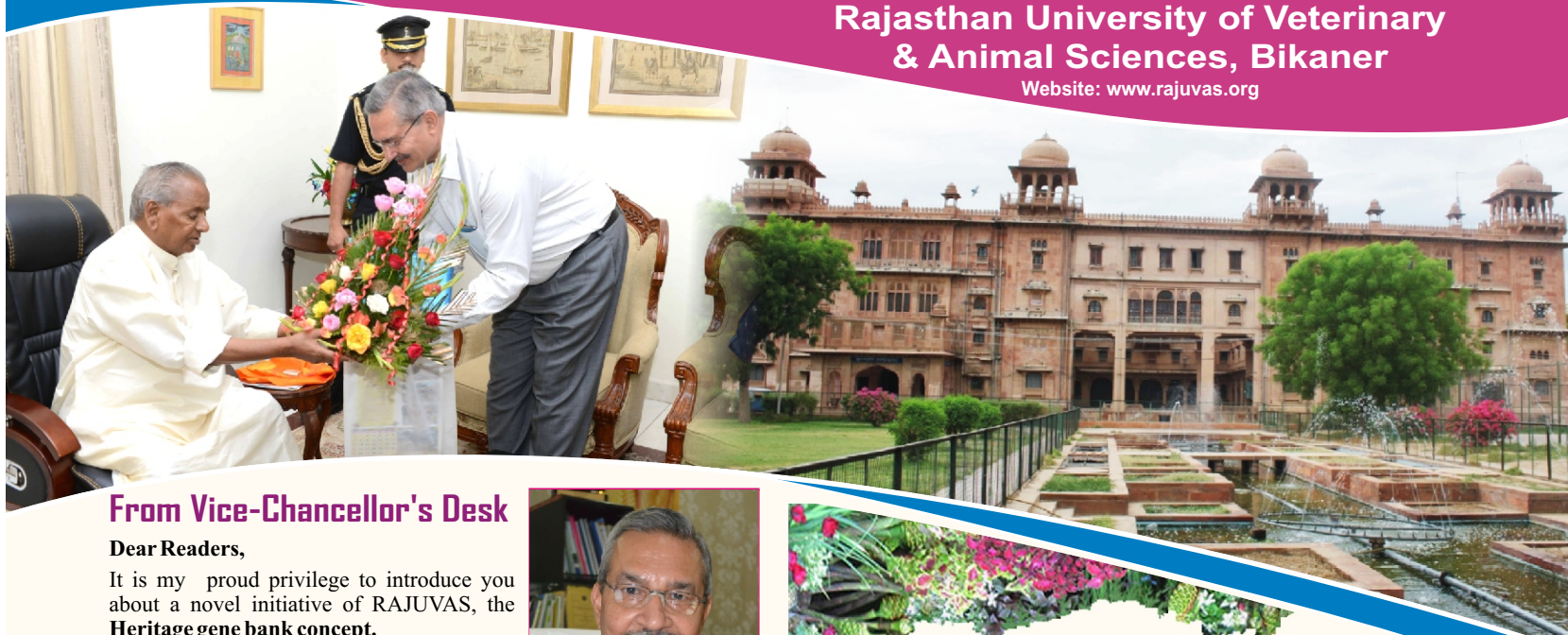
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। पशुधनं नित्यं सर्वलोकोपकारकम् ।

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From Vice-Chancellor's Desk

Dear Readers,

It is my proud privilege to introduce you about a novel initiative of RAJUVAS, the **Heritage gene bank concept**.

As you know, there are thirty seven recognized breeds of indigenous cattle in India. Indigenous cattle breeds have distinct merits over exotic breeds, like-

1. Production of A2 Milk.
2. Better disease resistance than exotic breeds
3. More suitable for low input management system
4. Survive better in local environment
5. Suitable for drought work

The growth trends in the population of indigenous cattle in Rajasthan since 1991-2012 indicate that this is the only State where the population of indigenous cattle in last more than 50 years, has shown an increasing trend. The State of Rajasthan stands 2nd in the country in terms of milk production (Estimated 15 million tons in 2014-15) and 4th in productivity of milk from indigenous cattle breeds. Availability of per capita milk in Rajasthan has been estimated to be around ~600 grams as against the national average of ~300 grams per capita. Rajasthan stands on top in terms of per capita availability of milk after Punjab and Haryana.

Rajasthan is the only State where the population of indigenous cattle is more than 90% of the total cattle population. However, despite of the fact that the State owes important indigenous cattle breeds like *Rathi*, *Tharparkar*, *Gir*, *Kankrej*, *Haryanavi*, *Malvi*, *Nagauri*, *Sahiwal* etc., more than 50% of total indigenous cattle are still being rated as non-descript. It is therefore important that Indigenous breeds of cattle are conserved, developed and proliferated through professional breeding programs, farm management and superior nutrition. Important indigenous cattle breeds existing in Rajasthan are-

1. *Rathi* in Rajasthan (Bikaner, Jaisalmer & Ganganagar Distt.) (n=924,057)
2. *Tharparkar* in Rajasthan (Jodhpur, Barmer, Jaisalmer) (n=4,60,201)
3. *Sahiwal* in Pakistan (Sahiwal Distt), Punjab (Ferozpur and Amritsar), Rajasthan (Bikaner, Sriganganagar, Hanumangarh) (n=4,57,405)
4. *Gir* in Gujarat (Junagarh, Bhavnagar, Amreli Distt), Rajasthan (Udaipur, Bhilwara, Chittorgarh, Ajmer) (n= 5,06,096)

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WELCOME

Sh. Kalyan Singh
New Chancellor of RAJUVAS

Former Chief Minister of Uttar Pradesh Sh. Kalyan Singh assumed the office of the Governor of Rajasthan. He is also the Chancellor of Universities including RAJUVAS working in the State. Chief Justice of Rajasthan High Court Sh. Sunil Ambwani administered oath of office to the 20th Governor of Rajasthan Sh. Kalyan Singh at a swearing-in ceremony at Raj Bhawan in Jaipur on 4th September 2014. Prof. A.K. Gahlot, Vice-Chancellor RAJUVAS visited Raj Bhawan Jaipur on 16th September, 2014 for first formal meeting with Hon'ble Governor of Rajasthan & Chancellor of the University. Vice-Chancellor Prof. Gahlot appraised the Hon'ble about the ongoing regular activities, research schemes and new technologies developed by University for upliftment of livestock owners and farmers of the State. Vice-Chancellor also presented University publications to Hon'ble Governor of Rajasthan.



5. *Haryana* in Haryana (Rohtak, Hissar, Jind), Rajasthan (Alwar, Bharatpur, Shekhawati area) (n=5,74,464)
6. *Kankrej* in Gujarat (Kutch, Mehsana, Ahmedabad, Kaira, Sabarkantha), Rajasthan (Barmer & Jodhpur) (n=11,95,814)
7. *Mewati* in Rajasthan (Alwar, Bharatpur), Uttar Pradesh (Kosi, Mathura) (n=75,427)
8. *Malvi* in Madhya Pradesh (Dewas, Ujjain, Sajaipur), Rajasthan (Jhalawar) (n=7,89,375)
9. *Nagori* in Rajasthan (Nagaur) (n=8,37,334)

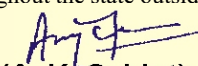
Sh. Radha Mohan Singh, Hon'ble Union Minister for Agriculture, Govt. of India has briefed about the Rashtriya Gokul Mission. This mission aims to enhance the productivity of the indigenous breeds of India. RAJUVAS, realizing the importance of improving indigenous breeds as social responsibility, has started conservation and improvement work through its Livestock Research Stations (LRSs) with the concept of Heritage gene banking in Goshalas and farmers. The LRSs are now acting as centers for development of Indigenous Breeds and a dependable source for supply of high genetic breeding stock to the farmers and *Goshalas* in the breeding tract. At present, RAJUVAS is promoting the conservation and development of five indigenous cattle breed, viz., Sahiwal, Gir, Rathi, Tharparkar and Kankarej at its Livestock Research Stations as follows:

1. Rathi Cattle Breeding Farm at LRS, Bikaner and LRS, Nohar (Hanumangarh)
2. Tharparkar Cattle Breeding Farm at LRS, Chandan (Jaisalmer) and LRS, Beechwal (Bikaner)

3. Kankarej Cattle Breeding Farm, LRS, Kodamdesar (Bikaner)
4. Gir Cattle Breeding Farm at LRS, Vallabh Nagar (Udaipur)
5. Sahiwal Cattle Breeding Farm, LRS, Kodamdesar (Bikaner)

After formation of RAJUVAS in May, 2010, consolidated efforts have been there to improve selected indigenous cattle breeds like Rathi, Tharparkar, Kankrej, Gir and Sahiwal. The University has proud possession of the best indigenous cattle of these five breeds. Scientific breeding and management has led to achieve per yield of 25 ltrs per day and the lactation yield has reached to 5000 ltrs per lactation from some of the indigenous cattle breeds. It is estimated that around 90% of rural household owes indigenous cattle as part of their households. There is tremendous scope in improving of indigenous cattle breeds by amalgamating traditional husbandry practices with modern scientific tools. RAJUVAS has developed elite class animals of indigenous breeds that are producing much more milk than the others. RAJUVAS has also distributed around 450 elite class and disease free high genetic makeup breeding bulls/ bull calves to *Goshalas* and progressive farmers, for converting non-descript into high producing cattle population of a particular breed.

I hope, using best upgrading and management practices with improved nutrition, RAJUVAS would be able to generate herds of Indigenous cattle breeds with high genetic value at *Goshalas* and farmers leading to creation of heritage gene banks spread throughout the state outside the University farms.


(A. K. Gahlot)
Vice-Chancellor

Greetings

Sh. Otaram Devasi, State Minister, Gopalan and Devasthan, Govt. of Rajasthan

Sh. Ota Ram Devasi has been taken charge of State Minister, Gopalan and Devasthan, Govt. of Rajasthan. He was elected to the assembly from Sirohi in 2008 and again in 2013. He has served as the Chairman of Rajasthan Livestock Board. On behalf of all the veterinarians, RAJUVAS extends a warm welcome to the Hon'ble Minister.



Sh. Rajeshwar Singh, Principal Secretary, Animal Husbandry

Sh. Rajeshwar Singh, IAS, 1989 batch has been appointed as the new Principal Secretary of Animal Husbandry, Fisheries and Dairy Development Department. In addition, Sh. Singh also holds the charge of MD, RCDF, Jaipur. It is indeed a proud moment for RAJUVAS fraternity to have such a dynamic person as PS of our administrative department.



Dr. Umesh Chandra Sharma, President, VCI

Dr. Umesh Chandra Sharma, has been elected as President, Veterinary Council of India, New Delhi. Previously, Dr. Sharma was President of Prantiya Rajpatrit Pashu Chikitsak Sangh, Madhya Pradesh from 2000 to 2014. The new Council along with President Dr. Sharma also met Hon'ble Union Minister Sh. Radha Mohan Singh and requested for support to the professional body. RAJUVAS fraternity convey best wishes to Dr. Sharma on his assumption of this new responsibility.

Dr. Gurdayal Singh, Vice-President, VCI

Dr. Gurdayal Singh has been elected as Vice-President of the VCI. Presently Dr. Singh is the Dean of College of Veterinary Sciences, LLRUVAS, Hisar. RAJUVAS extended hearty congratulations to him.

Prof. A.K. Gahlot, Vice-Chancellor Elected as Member, VCI

Prof. A.K. Gahlot, Vice-Chancellor, RAJUVAS, Bikaner has been elected as member of Veterinary Council of India, New Delhi. It is indeed a proud moment for veterinary fraternity to have such a dynamic person as our representative in VCI.



Activities

12th Annual Review Meeting of "Network Project on Buffalo Improvement"

12th Annual review meeting of "Network Project on Buffalo Improvement" was organized by CVAS, Navania, Udaipur on 9-10 September, 2014. Project Incharges of all 18 Centers working in India on buffalo improvement have participated and reviewed the progress of respective Centres for 2012-2013 and 2013-14 in the Chairmanship of Prof. K.M.L. Pathak, DDG (Animal Science), ICAR, New Delhi and Prof. A.K. Gahlot, Vice-Chancellor, RAJUVAS, Bikaner. Welcome address was delivered by Dr. R.K. Nagda, Dean, CVAS, Navania. Sh. Randheer Singh Bhinder, MLA, Vallabh Nagar, Dr. Rajesh Maan, Director, Animal Husbandry, Rajasthan, Dr. R.S. Gandhi, ADG (AP&B), ICAR, New Delhi, Dr. Inderjeet Singh, Director, Central Institute for Research on Buffalo, Hisar had also graced the occasion. Dr. A.K. Pandey, Incharge, Network Project of Buffalo, Hisar presented overall progress report of the convention and vote of thanks. Arrangement for review meeting was done by Dr. Mitesh Gaur, PI, Buffalo Project, LRS, Vallabh Nagar.



School Teachers' Visited RAJUVAS

22 teachers of Education Department, Govt. of Rajasthan under training visited Veterinary University on 9th July 2014 as an excursion programme. Teachers showed keen interest in all the University activities especially, Centre for Disaster Management Technology for Animals, Animal Blood Bank, Animal Critical Care Unit, Clinical facilities, RAJUVAS Museum, Duck unit, Emu Breeding Centre of RAJUVAS. Prof. T. K. Gahlot, Director Clinic organized this visit.



Meeting of Anti-Ragging Committee

A meeting of anti-ragging committee constituted by CVAS, Bikaner was conducted on 17th September, 2014 under the chairmanship of Prof. B.K. Beniwal, Faculty Chairman & Dean, CVAS, Bikaner. To comply with the directives of Hon'ble Supreme Court of India and University Grants Commission Regulation, 2009 to curb the menace of ragging in higher educational institute, an anti ragging committee was constituted for CVAS, Bikaner. In this committee, University officials, District administration, Police Dept., NGO persons, media, students and parent's representative are the members.

RAJUVAS Participation in XXIII Meeting of Regional Committee at Anand

RAJUVAS officials participated in the XXIII Meeting of Regional Committee (VI) organized by Anand Agricultural University, Anand, Gujarat from 12-13 September, 2014. The extension work of RAJUVAS was presented in this meeting and appreciated by Dr. S. Ayyappan DG, ICAR, New Delhi.

Joint Venture with NRCE, Hisar

RAJUVAS, Bikaner and National Research Centre on Equines, Hisar have joined hands for teaching and research activities on equine health and production on 27th August, 2014. RAJUVAS, Bikaner & National Research Center on Equines, Hisar will now work together for teaching and research activities on equine health and production as per the new guidelines provided by ICAR. Prof. A.K. Gahlot, Vice-Chancellor, RAJUVAS and Dr. B.N. Tripathi, Director, NRCE, Hisar signed a MOU for jointly undertaking various programmes. Both would jointly share the facilities available at RAJUVAS and NRCE.



RPVT-2014 Counselling

Two round of counselling for allocation of seats in B.V.Sc. & A.H programme was conducted by RAJUVAS, Bikaner on 15-16 September and 22-23 September 2014. Eligible candidates were given admission in 170 regular and payment seats in different categories according to the merit list at constituent colleges of University, i.e. Bikaner and Navania. The classes of this batch were commenced from 26th September 2014. Dr. Hemant Dadhich, Prof. & Head, Dept. of Pathology, CVAS, Bikaner is the convener of RPVT-2014.



Book Exhibition at CVAS, Bikaner

A two-day book exhibition was organized at RAJUVAS, Bikaner on 17-18 July 2014. Reputed book publishers from Rajasthan and Delhi exhibited their books related to veterinary & animal sciences. Prof. A.K. Gahlot, Vice-Chancellor inaugurated this exhibition along with Prof. Rakesh Rao, Registrar and Prof. B.K. Beniwal, Faculty Chairman & Dean, CVAS, Bikaner. This book exhibition helped the students as well as teachers to select and purchase the books of different publishers on one spot-with reduced price. Sh. Kuldeep Chand, Deputy Librarian organized this exhibition.



Book Fair at PGI-VER, Jaipur

A book fair was organized at PGI-VER, Jaipur on 22nd July 2014. Prof. Vishnu Sharma, Dean PGI-VER Jaipur, inaugurated this book fair. All faculty members and students actively participated and go through with various books of veterinary and animal sciences. Faculty have also picked and ordered some good books for college and departments library as well as for personnel use.



Silage Technology Demonstration Camps

Livestock Feed Resource Management & Technology Centre, RAJUVAS, Bikaner organized two silage technology demonstration camps in collaboration with Ambuja Cement Foundation, Nagaur on 27th July, 2014 at Marwar Mundwa (Nagaur) and 24th August, 2014 at Chirawa (Jhunjhunu). In these camps, new technique of silage making were demonstrated to the farmers in which cheaper and easy to handle silo bags were used to preserve green fodder for future use. One hundred forty farmers participated in these camps. Prof. R.K. Dhuria, Principal Investigator, LFRMTC, RAJUVAS, Bikaner organized these camps.



Bullock Cart Yatraa

Bullock cart yatraa flagged off from RAJUVAS organized under Rastriya Gau Mahotsava on 8th August, 2014. Prof. A.K. Gahlot, Vice-Chancellor alongwith Surajmal Singh Nimrana, organizer, Rastriya Gau Mahotsava flagged off Bullock cart yatraa from RAJUVAS. All the faculty members & students of CVAS, Bikaner were present during the function. This was a unique programme, in which more than 50 livestock owners with their bullock carts participated and travelled a long distance from RAJUVAS campus to Makhan Bhog, Pugal Road.



Free Vaccination and Health Checkup Camp at PGI-VER, Jaipur

Clinical services and therapeutic consultation have been started at PGI-VER, Jaipur with organization of "Free Anti Rabies Vaccination and Health Check-up camp in Medicine outdoor. More than 100 pet owners were benefitted in this camp organized on 30th August 2014. Dr. D.S. Meena, Associate Prof. & Head, Department of Veterinary Medicine organized this camp.

Meeting with Reliance Industries Officials

A joint meeting of RAJUVAS and Reliance Industries officials was held on 12th August, 2014 to exchange updation in activities undertaken & draw up action plan for promotion of silage technology using Repol PP silage bags under the Chairmanship of Prof. A.K. Gahlot, Vice-Chancellor, RAJUVAS, Bikaner. Dr. Rajesh Maan, Director, Animal Husbandry also attended this meeting. A MOU was signed between RIL & RAJUVAS in December 2013, for research & development on improving silage making technology with use of Repol PP silage bag & providing solutions to farmers for preserving green fodder as silage. RAJUVAS agreed to use its R&D facilities & technological knowledge, to allow promoting joint research & extension services and carry out training programmes. The meeting was attended by Reliance and RAJUVAS officials Sh. Shrichand Santani, Assistant Vice-President-Reliance, Sh. T. Gangopadhyay, Senior General Manager- Reliance and Sh. Rakesh Shah, Dy. General Manager Reliance, Dr. B.K. Beniwal, Dean & Faculty Chairman, Dr. Tribhuvan Sharma, Director, PME, Dr. Rakesh Rao, Director of Research, Dr. C.K. Murdia, Director Extension and Dr. R.K. Dhuria, Principal Investigator, LFRMTC, RAJUVAS, Bikaner.



Organization of World Rabies Day

CVAS, Bikaner

Rabies vaccination and awareness camp was organized on 28th September 2014 by CVAS, Bikaner in collaboration with Canine Welfare Society, Bikaner. In this camp, 40 dogs were vaccinated against rabies. A film show regarding prevention of rabies was arranged for dog lovers. Dr. Anil Ahuja, Prof. & Head, Department of Veterinary Medicine, CVAS, Bikaner organized this event.



PGI-VER, Jaipur

PGI-VER, Jaipur has organized seminar and vaccination camp on World Rabies Day i.e. 28th September 2014 at medicine outdoor. A round table discussion was also organized for public awareness. More than 75 pet lovers were benefitted in this camp. Dr. D.S. Meena, Associate Prof. & Head, Department of Veterinary Medicine organized this camp.



Foundation Stone Laying Ceremony of R&V, NCC Sq.

Foundation stone laying ceremony of R&V, NCC Squadron was organized at CVAS, Navania campus in the presence of Prof. K.M.L. Pathak, DDG, (Animal Science) ICAR, Vice-Chancellor Prof. A.K. Gahlot, Sh. Randheer Singh Bhinder, MLA, Vallabh Nagar, Dr. R.K. Nagda, Dean CVAS, Navania, and Sh. Basant Acharya, Director Works and other staff members on 9th September, 2014.



Organization of World Zoonotic Day

On World Zoonotic Day, a Rabies Vaccination and Awareness Camp was organized on 6th July, 2014 by CVAS, Bikaner in collaboration with Canine Welfare Society, Bikaner. The Camp was inaugurated by Vice-Chancellor Prof. A.K. Gahlot. In the camp 60 dogs were vaccinated against Rabies. 500 pamphlets were distributed among the dog owners about rabies precaution and cure. A film show was also organized at this occasion for dog lovers as well as UG and PG students. Dr. Anil Ahuja, Prof. & Head, Department of Clinical Veterinary Medicine, CVAS, Bikaner coordinated this event.



Animal Infertility Treatment Camp

Animal infertility treatment camp was organized by CVAS, Bikaner in collaboration with Mahaveer International Society on 17th August 2014 at village Kalu near Loonkaransar. Prof. A.K. Gahlot, Vice-Chancellor was the Chief Guest of the function. 135 cases of infertility were treated in the camp and around 75% cows and buffalos resume reproduction. Sh. Sita Ram Saraswat, Sh. Lunkaran Bothra, Sh. Manmal Sethia, Dr. Kiran Nahta and Sh. Mahendra from Mahaveer International Society and Dr. J.S. Mehta, Dr. Pramod Kumar and Dr. Sumit Yadav from CVAS, Bikaner provided their services in the camp.



Participations in Professional Activities

- ◆ Prof. B.K. Beniwal, Faculty Chairman & Dean, CVAS, Bikaner participated in a meeting of Expert Committee at UGC, New Delhi for evaluation of research projects in veterinary science from 18-20 July, 2014 and also participated in a workshop on Sustainable genetic improvement, utilization and conservation of indigenous livestock breeds: conventional and biotechnological approaches on 6-7 September, 2014 at Ahmadabad and also chaired one of the sessions on Co-operative dairy farming and education.
- ◆ Prof. Rakesh Rao, Director Research and Registrar attended XXIII meeting of Regional Committee (VI) organized by Anand Agricultural University, Anand, Gujrat from 12-13 September, 2014.
- ◆ Dr. Sanjay Kumar Rewani, Assistant Professor & In-charge, Department of Veterinary and Animal Husbandry Extension Education, PGI-VER, Jaipur attended training-cum-workshop on "Applications of ICTs in modified extension reforms" organized by MANAGE, Hyderabad from 16-19 September, 2014 at SIAM, Durgapura, Jaipur.
- ◆ Prof. Vishnu Sharma, Dean, PGI-VER Jaipur has delivered lecture on ICT initiatives & e- governance module of RAJUVAS in training-cum-workshop on Applications of ICTs in modified extension reforms organized by MANAGE, Hyderabad during September 16-19, 2014 at SIAM, Durgapura, Jaipur.
- ◆ Prof. B.K. Beniwal, Faculty Chairman & Dean, CVAS, Bikaner attended DPC meeting of NRC on Yak, Dirang (Arunachal Pradesh) at Veterinary College, Khannapara, Guwahati on 20th September, 2014.
- ◆ Dr. D. S. Rajput, Assistant Professor, CVAS, Navania participated in NSS Programme officers training on "Sensitization of urban youth on gender based violence in Rajasthan" on 22-24 Sept. 2014 at Rajasthan Vidhyapeeth University, Udaipur.
- ◆ Dr. C.S. Vaishnava, Prof. & Head, Department of Animal Nutrition, CVAS, Navania attended National conference on ethical values in higher education on 29th September, 2014 at Pacific University, Udaipur.
- ◆ Dr. R.K. Nagda, Dean, CVAS, Navania participated in scientist meet on goat at Navsari Agricultural University (Gujrat) on 29-30 September, 2014.

Appointments

- ◆ Prof. B.K. Beniwal, Faculty Chairman & Dean, CVAS, Bikaner took over the additional charge of Dean Students Welfare, Convener, Public Relation Cell and Chief Placement Officer, University Placement Cell, RAJUVAS, Bikaner.
- ◆ Prof. Tribhuvan Sharma, Director, Prioritization Monitoring and Evaluation Cell, RAJUVAS, Bikaner took over the additional charge of Director Extension Education, RAJUVAS, Bikaner.
- ◆ Dr. Ashok Dangi Assistant Professor, Department of Veterinary Anatomy, CVAS, Bikaner appointed as Incharge, Integrated University Management Solution (IUMS) Modules Operations Cell, RAJUVAS, Bikaner.

Celebrations

Independence Day

CVAS, Bikaner

Independence Day was celebrated with great fervour at RAJUVAS, Bikaner on 15th August 2014. Prof. A.K. Gahlot, Vice-Chancellor hoisted the National Flag. On this occasion, students for getting a position in University merit list and faculty for doing good work were felicitated by the University. Plantation programme was conducted in the university campus by the faculty and students.



CVAS, Navania

68th Independence Day was celebrated at CVAS, Navania, Vallabh Nagar. Dr. R.K. Nagda, Dean hoisted the National Flag. Dr. C.S. Vaishnava, Academic Coordinator and Dr. S.K. Sharma, ADSW addressed the students and staff of college. Dr. Nagda, Dean, CVAS, Navania, also hoisted the National Flag at LRS Chittorgarh and addressed to staff members.



PGI-VER, Jaipur

Independence Day was celebrated at PGI-VER, Jaipur. National Flag was hoisted by Prof. Vishnu Sharma, Dean, PGI-VER, Jaipur with message of service of nation with pride, sincerity, hard work and discipline to teaching and non-teaching staff members and showered blessing to students. On

this occasion, students and faculty members presented cultural and literary events. Plantation program was also organized at new developing campus of PGI-VER at Agra Road, Jaipur.

150th Birth Anniversary of Swami Vivekanand

On the occasion of 150th Birth Anniversary celebration of Swami Vivekanand, a Rath-Yatra passed through the campus of RAJUVAS spreading message of Swami Vivekanand's ideals on 9th September, 2014. Faculty members and students were present in large number during the function. Prof. B.K. Benwal, Faculty Chairman and Dean, CVAS, Bikaner coordinated this event.



Vice-Chancellor's Visits

Jaipur: SLSC Meeting

A meeting of State Level Sanctioning Committee (SLSC) of Rastriya Krishi Vikas Yojana was attended by Vice-Chancellor Prof. A.K. Gahlot organized under Chairmanship of Chief Secretary, GOR at Secretariat, Jaipur on 10th July, 2014.

Jaipur: Meeting of Gopalan Department

Vice-Chancellor Prof. A.K. Gahlot attended an interactive meeting of newly created Gopalan Department, Govt. of Rajasthan at Jaipur on 19th September, 2014.

New Delhi: Meeting of Veterinary Council of India

Vice-Chancellor Prof. A.K. Gahlot attended a meeting of Veterinary Council of India, New Delhi held at August Kranti Bhawan, New Delhi, on 24th September, 2014.

Jaipur: Meeting of Annual Plan

Prof. A.K. Gahlot, Vice-Chancellor attended meeting of Annual plan 2015-16 at Secretariat, Jaipur on 29th September, 2014.

Dignitaries' Visits

Sh. Achamkulangara Nanda Kumar, Director, Animal Husbandry, GOI

Sh. Achamkulangara Nanda Kumar, Director (SS) Department of Animal Husbandry, Dairies & Fisheries, New Delhi, GOI had visited PGI-VER, Jaipur with Vice-Chancellor Prof. A.K. Gahlot on 10th July, 2014. Sh. Achamkulangara Nanda Kumar was briefed about achievements of PGI-VER including advanced milk testing laboratory, area specific mineral mixtures and feed factory by Prof. Vishnu Sharma, Dean, PGI-VER, Jaipur. Various techniques related to feed technology such as urea treatment of straw, silage making, formation of urea molasses mineral block and complete feed block were also demonstrated. Sh. Achamkulangara has praised the efforts of PGI-VER, Jaipur.



Prof. Suresh S. Honnappagol, Animal Husbandry Commissioner, GOI

Prof. Suresh S. Honnappagol, Animal Husbandry Commissioner, Ministry of Agriculture, GOI, Prof. M.R. Saseendranath, Director (A&R) Kerala Veterinary and Animal Sciences University and Prof. Mohamed Nadeem Fairoze, Head, Department of LPT, Karnataka Veterinary Animal and Fisheries Sciences University visited PGI-VER, Jaipur on 20th July, 2014. Prof. A.K. Gahlot briefed about the objectives and progress of PGI-VER as well as University. Prof. Vishnu Sharma, Dean, briefed about functionality, achievements and strength of center. Visit was accomplished with an interactive meeting with faculties and all visitors applaud the efforts and achievements of PGI-VER with shower of blessings.



Dr. S.L. Mehta, Former DDG (Education) ICAR

Dr. S.L. Mehta, Former DDG, (Education) ICAR, New Delhi and Ex-Vice-Chancellor, MPUAT, Udaipur visited RAJUVAS on 20th August, 2014. Prof. A.K. Gahlot, Vice-Chancellor briefed about the progress of various research projects on conservation of Indigenous breeds of cattle like Rath, Sahiwal, Kankarej, Tharparkar and Marwari goats at LRS, Beechwal, Bikaner and Kodamdesar.



Dr. Mehta praised the achievements made by the University particularly in the field of conservation of Indigenous breeds of cattle.

Dr. J.S. Bhatia, Member BOM, RAJUVAS

Dr. J.S. Bhatia, Member of Board of Management, RAJUVAS visited PGI-VER, Jaipur from 11-14 July, 2014. Dr. Bhatia visited all teaching departments, AHDP section, library, computer laboratory and farms i.e. emu, poultry, sheep and goat farm and familiarized with their progressive activities including latest hydroponics technique of green fodder production. Dr. Bhatia was demonstrated achievements and functionality of running RKVY Project on feed factory, advanced milk testing laboratory and process of area specific mineral mixture preparation. Dr. Bhatia interacted with research staff, faculty members and P.G. students of the institute. The meeting was concluded with many valuable inputs regarding course curriculum and other important areas related with veterinary education.



Dr. Rajesh Maan, Director, Animal Husbandry

Dr. Rajesh Maan, Director, Animal Husbandry, Rajasthan, Dr. Anand Sejra, Additional Director and Dr. Alok Juneja, Additional Director visited TVCC, Hydroponics unit and different research projects of CVAS, Navania, Vallabh Nagar. They also visited LRS, Chittorgarh. Dr. R.K. Nagada, Dean, CVAS, Navania briefed about the progress of south campus of the University in four years of life span.



Trainings Organized

Capacity Building for Animal Feed Technology, Quality & Productivity Enhancement

A total 47 farmers from Aamer and Dudu area were demonstrated various feed technologies, feed quality standards and feed processing unit under RKVY Project on "Capacity building for animal feed technology, quality & productivity enhancement" on 20th August, 2014 at PGI-VER, Jaipur. Farmers were trained for various feed quality standards for proximate principles, process of formation of feed pellets, complete feed block and urea molasses mineral blocks. Prof. Vishnu Sharma, Dean, PGI-VER, Jaipur coordinated this training.



Para-vets Training by PGI-VER, Jaipur

A training under RKVY Project entitled "Capacity Building for Animal Feed Technology, Quality & Productivity Enhancement" was conducted at PGI-VER, Jaipur on 20th September, 2014. Total 30 para-vets from Jamdoli area were participated. Prof. Vishnu Sharma, Dean, PGI-VER, Jaipur coordinated this training.

Farmers Visit under TSP

Under tribal sub-plan project, total 58 tribal farmers from Dungarpur district visited different units of LRS, Vallabh Nagar on 29th August 2014. Farmers were accompanied with CSWRI, Avikanagar scientists Dr. Debabrath Sethi, Dr. S. Sishodiya and Mr. R.K. Meena.

Animal Husbandry Week by KVK, Nohar

Krishi Vigyan Kendra, Nohar the first and only KVK of RAJUVAS, Bikaner celebrated "Animal Husbandry Week" from 25-31 August, 2014. The week was started with inaugural ceremony at Bikaner where Prof. A.K. Gahlot, Vice-Chancellor, RAJUVAS flagged off the vehicle for extension activities in the Hanumangarh district of Rajasthan. During this week, a total of 7 Gosthi (Participants- 326), 5 trainings (Beneficiary- 147), 3 Animal health camps (147 cases), 4 Exhibitions (145 Visitors), three Gaushala welfare programmes were organized in Nohar, Bhadra and Rawatsar tehsils of Hanumangarh district.



Trainings on Disaster Management for Animals - Challenges and Strategies

Centre for Disaster Management Technology for Animals, RAJUVAS, Bikaner organized two trainings for animal owners with a theme "Strategies and Challenges in Management of Disasters in Animals" on 14th & 21st July, 2014 under the direction of Dr. T.K. Gahlot, PI of the project. Forty-three livestock owners cum farmers attended the training from different parts of Bikaner city. The participants were shown museum of Centre for Disaster Management Technology for Animals depicted the disaster management and rescue operation through pictures. The participants also visited the new facilities of CDMTA i.e. fire safety cattle hut and air-conditioned emergency ward for heatstroke cases.



One Decade of ASCAD Trainings

A programme was organized at RAJUVAS, Bikaner on 19th August 2014 to celebrate one decade of ASCAD trainings to veterinary officers and para-veterinarians on "Animal Disease Diagnosis & Control". The trainings on the said topic were started in year 2004 and by now about 1700 veterinary officers and para-veterinarians have received the training. The function



was presided over by Prof. A.K. Gahlot, Vice-Chancellor and the Guest of Honour was Dr. R.P. Nayak, Additional Director, Animal Husbandry, Government of Rajasthan. Whole RAJUVAS faculty, students, farmers and gaushala representatives attended the function. A training manual prepared by Prof. A.K. Kataria, Officer Incharge, Apex Centre was released by the Guest. The

training entered in the 11th year with inaugural batch of 19 veterinary officers on 19th August, 2014. During the month, 37 veterinary officers from Department of Animal Husbandry received training in two batches.

Training of Farmers by VUTRC, Nagaur

Veterinary University Training and Research Centre (VUTRC) Baklia, Nagaur organized two off campus training camps of one day duration each at Dujjar and Mangalpura villages on 1st and 29th August, 2014. 56 male and 40 female farmers participated in these training camps. Mineral mixture was distributed to the farmers. These trainings were conducted by Dr. Kamal Purohit, Assistant Professor & Incharge, VUTRC, Baklia, Nagaur.



Farmers Training on Improved Animal Nutrition & Green Fodder Production

A one-day farmers training on "Improved animal nutrition & green fodder production" was organized by Livestock Feed Resource Management and Technology Centre, Bikaner on 17th September, 2014. Prof. A.K. Gahlot, Vice-Chancellor was Chief Guest of the function. Prof. B.K. Beniwal, Faculty Chairman & Dean, CVAS, Bikaner and Prof. Tribhuvan Sharma were Guest of Honour. Thirty farmers of Bikaner region attended the training. Practical trainings on silage preparation and green fodder production through hydroponics technology were given to farmers. A technical folder on Improved animal nutrition was released by the Guest. Prof. R.K. Dhuria, Principal Investigator, LFRMTC, RAJUVAS, Bikaner conducted this training.



Training cum Treatment Camps by VUTRC, Suratgarh

Veterinary University Training & Research Centre, Suratgarh carried out several extension activities for the sake of dairy farmers. In this series, VUTRC, Suratgarh has organized 9 training cum treatment camps on 3rd of July, 8th, 10th, 26th, 27th of August and 9th, 10th, 12th and 22nd of September 2014. In these camps, total 175 farmers benefitted about animal husbandry practices, importance of vaccination in animal health care, role of mineral mixture in prevention of anoestrus, etc. Dr. Ashok Baindha, Incharge & Assistant Professor, VUTRC, Suratgarh along with Dr. Sunil Kumar Bhakar, Project Associate organized these exploratory extension camps.



Pashu Palak Gosthi at KVK, Nohar

A Pashu Palak Gosthi was organized by KVK, Nohar on 1st September, 2014 at its campus. In this gosthi, 86 progressive farmers directly interacted with University scientists. Farmers were briefed about various indigenous cattle breed conservation & improvement programme going on at various LRS of University. Farmers were motivated to take benefit of various extension programmes being conducted by University. Progressive farmers Sh. Lal Singh Beniwal, Sh. Suresh Poonia and Sh. Ram Kumar were honoured on this occasion. Prof. Rakesh Rao, Director Research, Prof. C.K. Murdia, Director Extension, Prof. Rajeev Joshi, Officer Incharge, LRS, Nohar, Dr. Dilip, SVO, Nohar, Sh. Balbeer, Assistant Director (Agriculture) Nohar, Sh. Laduram Jewalia, Social Worker and Mr. Akshay Ghintala, Teaching Associate answered the queries made by farmers. Dr. Naveen Saini organized this gosthi.



Student's Activities

Orientation Programme of Veterinary Students

CVAS, Bikaner organized orientation programme of newly admitted 1st year student in the ABG lecture hall on 26th September 2014 Prof. B.K. Beniwal, Faculty Chairman & Dean, CVAS, Bikaner informed about different avenues of veterinary profession as well as teaching research and extension activities of RAJUVAS, Bikaner. Students also visited the different departments and research centers of the University. Orientation programme was held under the supervision and guidance of Dr. Rakesh Mathur, Dr. R.K. Dhuria, Dr. Hemant Dadhich and Dr. Praveen Bishnoi.



Educational Tour

An educational tour to visit various wild life sanctuaries situated in Rajasthan was undertaken for 3rd B.V. Sc & A.H. students of CVAS, Bikaner from 1-6 August, 2014. Thirty-six students visited various wild life sanctuaries, namely Bassi wild life sanctuary, Udaipur, Sajjagarh wild life sanctuary, Kumbhalgarh National park, Mt. Abu Wild life sanctuary and Machia safari park. Tour vehicle was flagged off by Prof. A.K. Gahlot, Vice-Chancellor on 1st August, 2014. Prof. B.K. Beniwal, Dean, Prof. R.N. Kachwaha, DSW and Prof. Rakesh Mathur, ADSW were also present on the occasion. Dr. Vijay Kumar and Dr. Abhimanyu accompanied the students as tour Incharges.



Students Union Elections

The student union elections for Veterinary University were completed unopposed and results were declared on 30th August, 2014. Mr. Shayam Sunder Sihag as President and Hiteswar Singh Yadav as Vice-president were unopposed elected for Central Students Union, while, Mr. Shambhu Singh as President and Miss Sunita Meena as Vice-president have been elected unopposed for VSA. The oath for office was administered to the elected office bearers by Prof. R.N. Kachwaha, DSW, RAJUVAS, Bikaner.



Staff Accomplishment's

Prof. B.K. Beniwal, Nominated by ICAR, New Delhi as Member of RAC

Prof. B.K. Beniwal, Faculty Chairman & Dean, CVAS, Bikaner had been nominated by ICAR, New Delhi as member of RAC of NRC on Camels, Bikaner for a term of 3 years.

Prof. Nalini Kataria Becomes the Member of Editorial Board of International Journal

Dr. Nalini Kataria, Professor & Head, Department of Veterinary Physiology, CVAS, Bikaner has been included as member of Editorial Board of an International Journal of Neuro Science and Behavioral Science being published from USA online as well as in print form.

Dr. Vikas Galav Nominated as Nominee/Inspector in IAEC

Dr. Vikas Galav, Assistant Professor, Department of Veterinary Pathology, PGI-VER, Jaipur has been nominated as Nominee/Inspector to the Institutional Animal Ethics Committee (IAEC) of National Institute of Immunology (NII), New Delhi, a premier institute of national importance under Department of Biotechnology, Govt. of India. Dr. Galav was nominated by the "CPCSEA", Ministry of Environment & Forests, which is the premier regulatory body of Govt. of India that supervises and controls all kinds of experiments conducted on animals.

Superannuation

- ♦ Dr. C.K. Murdia, Director Extension and Prof. & Head, Department of ABG, CVAS, Bikaner has superannuated on 30th September, 2014.
- ♦ Dr. R.N. Kachwaha, Dean Student Welfare, Convener, Public Relation Cell, University Placement Cell and Prof. & Head, Department of LPT, CVAS, Bikaner has superannuated on 30th September, 2014.

M.V. Sc. Awardees

Five students were awarded provisional degree certificates of M.V.Sc. during 1st July to 30th September 2014 by RAJUVAS. The University congratulates all of them and wishes best for their bright future.

S. No.	Title of Thesis	Name of Department	Name of Advisor	Name of student
1.	Comparative study of synthetic Vitamin-C vis-à-vis herbal vitamin-C on performance of Giriraja (Crossbred)chicks	Livestock Production and Management	Dr. R.S. Choudhary	Praveen Kumar Kaushik
2.	Bacteriological examination of drinking water with special reference to organisms of public health significance in Bikaner and its suburbs	Veterinary Public Health	Dr. Rakesh Rao	Ritu Sharma
3.	Gross and histological studies on the kidney of White Yorkshire pig (<i>Sus scrofa</i>)	Veterinary Anatomy	Dr. Rakesh Mathur	Seema Sikarwar
4.	Effect of feeding Ashwagandha and enzyme alone and in combination on the performance of broiler chicks	Animal Nutrition	Dr. Tribhuvan Sharma	Jitendra Saini
5.	Estimation of breeding value & growth analysis in Indian camel (<i>Camelus Dromedaries</i>) breeds	Animal Breeding and Genetics	Dr. C.K. Murdia	Priyank Vyas

Patron

Prof. (Dr.) Col. A.K. Gahlot

Vice-Chancellor

Editors

Prof. R.K. Dhuria

Prof. (Retd.) R.N. Kachwaha

Published By

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