

# RAJUVAS NEWSLETTER

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**Rajasthan University of Veterinary  
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## From Vice-Chancellor's Desk

Dear Readers,

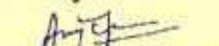
The year 2012 began on a strong note of wishful thinking and rejuvenated efforts of RAJUVAS fraternity which spearheaded the University further into another phase of growth. In continuing the effort to 'spread our wings', we could sign more MOU's with different partners, viz., IGNOU, National Research Center on Equines, Hisar and National Research Center on Camel, Bikaner. All the partners will have open access to each other's academic and research facilities and students will be benefitted immensely. Two important steps have been taken at RAJUVAS for the welfare of both farmers and their animals. We have established an EMU Breeding Centre at Bikaner and a Japanese quail breeding Centre will also to be set-up soon. Both these centres will provide supplementary vocations to the farmers of the region. Extending a humane touch for



critically sick pet and other animals, RAJUVAS is establishing a Critical care Unit equipped with all the sophisticated equipments to help managing serious patients at Bikaner campus. One broiler and layer poultry unit has become functional at our Vallabh Nagar campus. One hostel at each campus shall also come up in near future. Academically, this quarter proved to be very rich. An International Congress on Canines, attended over by 250 delegates from India and abroad, a workshop on Emerging Entrepreneurial Aspects for Veterinary Graduates and a Workshop on Rathi Breed Development Issues and Problems in implementation were the academic highlights. I am extremely happy to observe that in spite of extreme occupancy of faculty members in running the RAJUVAS, they could still squeeze time to update themselves by participating in professional activities by attending International and National Workshops/Seminars/Conferences etc. It is a happy situation because involvement of faculty in such events pumps oxygenated blood into the academics of the university.

With this quarter, the first full-fledged financial year came to an end. We had a gigantic task to fruitfully utilize huge budget of around Rs. 60 Crores, which was roughly four times the pre-creation budget of all its constituent units together. To follow transparency and accountability was the task ahead with us. The University took wise decisions in the form of decentralizing the powers by empowering Principal Investigators (>20 DDOs) to have powers equivalent to Deans/Directors, opened their separate bank accounts, floated transparent and clear purchase rules etc. With these steps, we could utilize almost 100% of budgets and brought a sea change in almost all units with number of new ventures everywhere. Support, financial and otherwise received from every quarter, particularly the State, ICAR, RKVY etc. It was during this quarter that we worked very hard to prepare road map of the progress of the University till 2017. I am sure, come April, 2012, we shall start receiving good and positive indications regarding our dreams coming true. I think the plans of the University to venture in areas like human resource centers at Jaipur and Jodhpur, feed and fodder (testing, production, conservation, hydroponics etc.), organic animal production, alternative medicine, use of space based technologies, training, camel diseases, water harvesting, e-governance, wildlife management and health, milk testing, district centers, animal science engineering & technology, animal bio-diversity, disaster management for animals, live animal diversification models etc. shall also come true in the year 2012-13.

We are committed to serve the cause of veterinary & animal sciences in the State.

  
**(A. K. Gahlot)**  
Vice-Chancellor

## Administrative Decisions

### Second Meeting of Academic Council

Second meeting of Academic Council was held on 11<sup>th</sup> February, 2012 under the chairmanship of Hon'ble Vice-Chancellor Prof. A.K. Gahlot. In this meeting the proceeding and compliance report on the proceedings of last meeting were approved. Various key issues related to education were also discussed in the meeting.

### Fifth Meeting of BOM

Fifth meeting of Board of Management was held on 23<sup>rd</sup> March, 2012 under the chairmanship of Hon'ble Vice-Chancellor Prof. A.K. Gahlot. The decisions taken by high power committee of the University were approved by the BOM. The proposal of the establishment of Library Information Science Department has been approved by the BOM. The BOM has approved the proposal of constituting students advisory committee, under which a faculty advisor will be appointed for each student of university, who will personally address the academic development and other problems of the student. The members of the BOM inspected the newly established Emu Breeding Center and other Departments of the University.



## Academic Deliberations

### International Congress on Modern Concepts in Canine Health and Diseases of Human Concern

International Congress on "Modern Concepts in Canine Health and Diseases of Human Concern" and IX Annual Convention of ISACP was held at Hotel Lallgarh Palace, Bikaner organized by the RAJUVAS from 9-11 February, 2012. The congress was inaugurated by DG, SSB Sh. Pranay Sahay, IPS and Presided by Hon'ble Vice-Chancellor Prof. A.K. Gahlot. Dr. S.K. Roy, President ISCAP and Dr. A.K. Srivastva, Secretary ISCAP graced the occasion as Guests of Honour. On this occasion, Dr. P.N. Dwivedi was awarded with gold medal for excellent work in canine microbiology. A fellow award of ISACP were awarded to Colonel Tej Ram in Canine Breeding, Prof. S. Haque in Canine Medicine, Dr. J.C. Jena in Canine Microbiology and Dr. Indramani in Canine Surgery. Dr. Anil Ahuja was awarded with special fellow award by the society. Dr. R.K. Tanwar from Bikaner, Prof. Zafar Iqbal Choudhary from Pakistan, Dr. Peter Saba from Nigeria and Dr. Aldawari from Iran were honoured with award by the society. Dr. Shirish Chandan was awarded with Sh. Punit memorial award for best dog clinic of India-2012. Dr. Shyam Venugopal was awarded with Prof. S.S. Mishra award for best article in surgery in Indian Journal of Canine Paractice-2011. Dr. S.G. Ron from Karnataka was awarded with Anil Arun Chandra award for best canine surgeon of field 2012. Dr. Ajay Sood from New Delhi was awarded with Pranav biotech award of excellence for best clinician and Dr. Rajesh Rahi from Mumbai was awarded with Prof. S.J. Anglo award. The Chief Guest of the valedictory function was Sh. Virendra Beniwal, Hon'ble State Minister for Home and Transport. In all nine



sessions 36 lead papers, 168 abstracts and 26 posters were presented. 252 delegates were registered in this congress. Delegates from other countries namely Dr. Zafar Iqbal Chaudhary from Pakistan, Dr. Peter Shaba from Nigeria, Dr. Abdul Bakhsh from Saudi Arabia, Dr. Hala El Miniawy, Vice Dean, Prof. Saber Abu Zeid, Prof. Fathy Farou, from Egypt, Dr. Habtamu Taddele from Ethiopia, Dr. Chandrawathani Panchadcharam, Dr. Ranjeet Kaur from Malaysia, Dr. Carol Sankey from London, UK and Dr. Thapa from Nepal participated in this congress. On this occasion a book of Dr. R.K Dhuria, Associate Professor, Department of Animal Nutrition, CVAS, Bikaner entitled "Densification of Crop Residue Based Complete Feed for Livestock" published by an international publisher, Lambert Academic Publishing, Germany was released by the Hon'ble Guests. Dr. Anil Ahuja, Associate Professor & Head, Department of Medicine was the Organizing Secretary for this event.

### Workshop on Rathi Breed Development Issues and Problems in Implementation

A workshop on Rathi Breed Development Issues and Problems in Implementation was organized by CVAS, Bikaner in collaboration with National Dairy Development Board, Anand, Gujarat on 28<sup>th</sup> March, 2012. The Chairman of the workshop Prof. A.K. Gahlot, Vice-Chancellor, RAJUVAS emphasized that Rathi is the best cattle breed for Bikaner region. Two research schemes are in operation in University for conservation and improvement of Rathi breed. The implementation of Rathi breed scheme in Bikaner region by NDDDB will be a milestone for the animal owners of this region. Dr. R.D. Baghel, Project Director, NDDDB informed that the Board has approved a five year plan for development of Rathi breed to benefit the animal owners of Bikaner, Churu,



Hanumangarh and Sriganganagar districts of Thar region. Dr. R.S. Tomar, Managing Director, Urmul Dairy, Dr. R.O. Gupta, Deputy Managing Director, NDDDB, Meerut, Dr. B.K. Beniwal, Dean, CVAS, Bikaner, Dr. S.B.S. Yadav, Professor, Department of ABG, Dr. R.P. Nayak, Additional Director, Animal Husbandry, Jaipur, Dr. N.M. Singh, Joint Director, Animal Husbandry, Bikaner, Dr. H.R. Barupal, Deputy Director, Animal Husbandry, Bikaner, Sh. Arvind Ojha, Secretary, Urmul Trust, Bikaner and progressive farmers of Bikaner division were present in the workshop.

### Workshop on Emerging Entrepreneurial Aspects for Veterinary Graduates

A workshop on Emerging Entrepreneurial Aspects for Veterinary Graduates was organized by the University Placement Cell on 24<sup>th</sup> February, 2012. Dr. Kamal Taweri, Retired IAS and President, Rural Business Hub Foundation, India, Dr. Prithviraj, District Collector, Bikaner, Mrs. Irmel V. Maria, Chairperson, International Institute for Holistic Research and Voluntary Action (Indo-German), Sh. Rajendra Singh Rajpurohit, President, Rashtriya Go Sewa Sangh and Prof. A.K. Gahlot, Vice-Chancellor, RAJUVAS were main

speakers of the function. Dr. Kamal Taweri discussed the emerging entrepreneurial aspects in the veterinary field and motivated the students for adopting self employment. On this occasion, Dr. Prithviraj emphasized that success can be achieved only with the self confidence and advised the students to identify their strength and skills and sharpen them further. Mrs. Irmel V. Maria emphasized that mental peace plays a major role in



the prosperity of the country. Prof. A.K. Gahlot emphasized on establishment of Go Sewa Kendra's for the overall development of the State, because the socio economic scenario of Rajasthan is based on animal husbandry. Sh. Rajendra Singh Rajpurohit inspired the students to run the programmes for development of indigenous cows.

## Celebrations

### 63<sup>rd</sup> Republic Day Celebrated with Patriotic Fervour

#### RAJUVAS Campus:

63<sup>rd</sup> Republic Day was celebrated with great fervour and gaiety on 26<sup>th</sup> January, 2012 at "Dewan-e-Aam" RAJUVAS, Bikaner. The Chief Guest Prof. A.K. Gahlot, Hon'ble Vice-Chancellor of the University hoisted the national flag and addressed the guests, students and staff members of the University. The whole campus came alive with the spirit of patriotism. Students presented a colourful cultural programme on the occasion. Hon'ble Vice-Chancellor awarded the "Appreciation Certificates" and mementoes to teaching and non-teaching staff members and students for their commendable work and contribution in the University. Later a friendly cricket match was organized between the teams of faculty and students at CVAS cricket ground. The match ended with a happy note.

#### CVAS, Navania, Vallabhnagar Campus:

Republic Day was celebrated on 26<sup>th</sup> January, 2012 also at CVAS, Navania, Vallabhnagar campus. Dr. C.S. Vaishnava, Academic Coordinator, CVAS, Navania hoisted the flag on this occasion. Dr. Vaishnava conveyed the message about discipline, hard work and sprit of professionalism to students and staff.

## What's New

### Establishment of Emu Breeding Centre

Emu Breeding Centre has been started at the Poultry Farm, CVAS, Bikaner. Prof. A.K. Gahlot, Vice-Chancellor, RAJUVAS on inauguration of Emu Breeding Centre on 19<sup>th</sup> March, 2012 declared that the day old chicks of Emu will be made available to the interested farmers by the University. Thirty pairs of Emu birds have been brought to the University for breeding purpose. Time to time, training programmes will be conducted for Emu farming and farmers will be persuaded for Emu keeping. Prof. Gahlot emphasized that diversification is the key to success in any enterprise. Similarly, we need to diversify to other species of poultry in order to reap more profits. This enterprise will increase the economic status of the farmers in due course of time. Dr. C.S. Dhaka will act as Officer Incharge of this Emu Breeding Centre.

### First Animal Critical Care Unit in the State

An approval of Rs. 25 lacs has been made by the ICAR, New Delhi for establishment of Animal Critical Care Unit in the State. The first Animal Critical Care Unit in the State will be established at CVAS, Bikaner. The establishment of Animal Critical Care Unit will be a great relief for the animal owners of the state. In this ACCU ultra modern equipments like ECG monitor, oxygen therapy, ventilator, incubator, bronchoscope etc will be used for the treatment of critically ill animals. These ACCU are presently available only in some states of the country and it is first of its kind in Rajasthan. The animal owners not only from Bikaner but also from the whole state will be benefited from this unit apart from working as Experiential Learning Unit for the veterinary students.



## Moment of Pride

### Vice-Chancellor, RAJUVAS, Bikaner Honoured with Fellow of ISVM at Mizoram

Prof. A.K. Gahlot, Vice-Chancellor, RAJUVAS was honoured as Fellow of Indian Society of Veterinary Medicine by Dr. S. Ayyappan, Director General, ICAR, New Delhi in recognition of his contribution to the veterinary profession during 30<sup>th</sup> Annual Convention of Indian Society for Veterinary Medicine and National Symposium on Animal Health vis a vis Animal Welfare with Application of Biotechnology with Special Reference to North Eastern Region on 2<sup>nd</sup> February, 2012 at Central Agricultural University, Aizawl, Mizoram. Prof. Gahlot's biodata and contribution to the profession were presented in the inaugural session. He was presented a Mizo coat, shawl and a Mizo cap on this occasion. This National Symposium was inaugurated by Dr. S. Ayyappan, Director General, ICAR, New Delhi and Prof. A.K. Gahlot was Special Guest of the function. Prof. A.K. Gahlot also chaired a thematic session on animal welfare in which Sh. Anjani Kumar, Director, Animal Welfare, Ministry of Environment and Forestry, Govt. of India and Dr. Devendra Swarup, Director, Central Institute of Research on Goat presented animal experimentation regulations and animal ethical issues.



### Vice-Chancellor, RAJUVAS, nominated as Member of Rajasthan Kisan Aayog

Prof. A.K. Gahlot, Vice-Chancellor, RAJUVAS has been nominated as Dairy Specialist by the Government of Rajasthan in Rajasthan Kisan Aayog, Jaipur. Rajasthan Kisan Aayog is an open forum to address the problems of farmers and their suggestions to the Aayog. The Aayog will act as a link between farmers and government to solve the burning problems and improve the economic status of farmers.

## Activities

### RAJUVAS Exhibition in Divisional Fair

Directorate of Extension Education, RAJUVAS, Bikaner put a stall in the Divisional Fair organized by Department of Art, Literature and Culture, Government of Rajasthan and District Administration, Bikaner from 6-8 January, 2012 at Karni Singh Stadium, Bikaner. In this stall mainly art, literature, culture and entertainment activities related to animal production and animal husbandry were displayed. The products made from goat hairs like carpets, rugs, telephone pads etc. were also displayed and appreciated by the visitors. Around 2000 people visited the exhibition.

### Organization of Animal Husbandry Field Day

A Field Day was organized by the Department of Veterinary & Animal Husbandry Extension Education, CVAS, Bikaner on 21<sup>st</sup> January, 2012 at Husangsar village. On this occasion various problems of farmers related to animal husbandry were discussed and practical suggestions were given mainly by the B.V.Sc. & A.H. fourth year students. About 50 animal owners actively participated in the programme. Dr. P.D. Swami, Associate Professor & Head and Dr. Vivek Khandaat, Contractual Teacher provided their services in organization of field day.

### Organization of First Divisional Farmers Convention of Rajasthan Kisan Aayog



First Divisional Farmers Convention of Rajasthan Kisan Aayog, GoR, Jaipur was organized in joint collaboration of RAJUVAS, Bikaner on 15<sup>th</sup> March, 2012. Sh. Narayan Singh, President, Rajasthan Kisan Aayog, Jaipur while addressing the farmers emphasized that the Rajasthan Kisan Aayog is an open forum to address the problems of farmers and they can present their problems and suggestions to the Aayog. The Aayog

will act as a link between farmers and government to solve the burning problems and improve the economic status of farmers. Rajasthan Kisan Aayog will submit the reports of the divisional conventions to the Government for social and economic progress of farmers. During the convention farmers from Bikaner, Churu, Hanumangarh and Sriganganagar districts presented their problems to the Aayog. In this convention the members of Aayog particularly Prof. A.K. Gahlot, Dairy Specialist, Dr. Hanuman Prasad, Agriculture Scientist, Sh. B.M. Dixit, Agriculture Economist, Sh. N.S. Rathore, Organic Farming Specialist, Dr. O.P. Pareek, Horticulture Scientist, Dr. Gopal Lal, Horticulture Specialist, Sh. Sundaram Verma and Smt. Suchitra Arya, Progressive Farmers and Sh. K.C. Meena, Deputy Secretary, Rajasthan Kisan Aayog were present. The officials and scientists from SKRAU, Bikaner, CSWRI, CAZRI, NRCC, NRCE, RAJUVAS, Agriculture Department and Animal Husbandry Department also participated in the meet.



### Students from DAU, Gujarat visited RAJUVAS

A group of 64 students from Dantiwara Agricultural University, Gujarat visited RAJUVAS on 19<sup>th</sup> March, 2012 under an education excursion. Students visited the ongoing projects in the various departments of the University viz., conservation of native Rathli and Tharparkar breeds. Students understood the process of making of complete feed block, use of sonography machine in diagnosis of diseases in small and large animals and embryo transfer technology etc.

### Outstanding Teachers Awardee Prof. D.N. Kamra visited RAJUVAS

Prof. D.N. Kamra, Director, Center of Advanced Faculty Training in Animal Nutrition, IVRI, Izatnagar visited RAJUVAS on 16<sup>th</sup> March, 2012. Dr. Kamra interacted with RAJUVAS faculty & students and delivered a lecture on Innovation in Teaching. Bharat Ratna Dr. C. Subramaniam award for Outstanding Teachers has been bestowed upon to Dr. Kamra this year by ICAR, New Delhi.

### Curtain Raiser Programme at PGERCLHP

A curtain raiser programme under RKVY Project "Capacity Building for Animal Feed Technology, Quality and Productivity Enhancement" was organized on 9<sup>th</sup> January, 2012 by PGE-RCLHP, Jaipur. Hon'ble Vice Chancellor, Prof. A.K. Gahlot released two technical publications on Animal Nutrition authored by Drs. Vishnu & Sanjita Sharma. Urea molasses block & mineral mixture prepared under RKVY projects were also distributed to farmers.



### RAJUVAS Exhibition in Farmer's Fair at ATC, Loonkarsar

A one day Farmer's fair was organized under the ATMA project of state government on 4<sup>th</sup> March, 2012 at ATC, Loonkarsar. Directorate of Extension Education, RAJUVAS, Bikaner put a stall in this fair and information about advanced technologies of animal husbandry were provided to farmers.

### Farmers Tour to ILFC, CVAS, Navania

A group of 20 dairy farmers from Bhilwara district visited the Instructional Livestock Farm Complex, CVAS, Navania, Vallabhnagar, Udaipur on 26<sup>th</sup> March, 2012. This exposure tour was organized by the Bhartiya Agro Industries Foundation (BAIF), Chittorgarh in collaboration with CVAS, Navania. Dr. S.K. Sharma, Incharge, Teaching Veterinary Clinical Complex arranged the visit of farmers to different units of the livestock farm of the college. The dairy farmers were exposed to scientific care and management of dairy animals to optimize the milk production and encouraged to adopt the improved dairy husbandry practices at their farms. Dr. J.P. Partani, Programme Executive, BAIF, Chittorgarh accompanied the group of farmers.

### Organization of Infertility and Animal Treatment Camp

An Infertility and Animal Treatment Camp was organized by the Department of Animal Reproduction, Gyneacology and

Obstetrics, CVAS, Bikaner in collaboration with Mahaveer International on 20<sup>th</sup> February, 2012 at Dulhasar village. A total of 96 cases of infertility (Cows, Buffaloes and Goats) were treated during the camp.

### Improved Germ-plasm Dissemination

Thirteen improved Tharparkar germ-plasm bulls from Livestock Research Station, Chandan were supplied to the animal breeders for speedy multiplication of this breed through Deputy Director, Animal Husbandry, Jaisalmer under RKVY project. Two male Rathi breed calves have also been given to Shri Rajaldesar Gaushala, Rajaldesar (Churu) and Adarsh Gau Sadan, Bajuwala (Hanumangarh) in the month of March by Livestock Research Station, Nohar. These activities will be helpful for conservation of important native breed of the area.

### DG (AH), Bhutan visited PGE-RCLHP, Jaipur

Mr. Tenzin Dhendup, Director General, Animal Husbandry, Bhutan had visited PGE-RCLHP, Jaipur on 17<sup>th</sup> February, 2012. The purpose of visit was to interact with scientists at the centre regarding prospects of small ruminant meat production in Bhutan and to observe the various activities. Dr. Sunil Chawla, Veterinary Director, Humane Society International (Indian Branch) had also accompanied the team. The DG appraised the various ongoing programmes of the Institute and extended his wishes for further development.

## Appointments

- ❖ Dr. B.K. Beniwal was appointed as Dean & Faculty Chairman, CVAS, Bikaner.
- ❖ Dr. Rakesh Rao was appointed as Director Research, RAJUVAS, Bikaner.
- ❖ Dr. S.S. Soni was appointed as Controller of Examination, RAJUVAS, Bikaner.
- ❖ Sh. Y.K. Singh, Comptroller took over the additional charge of Registrar, RAJUVAS, Bikaner.
- ❖ Dr. N.R. Purohit was appointed as Nodal Officer for inspection and affiliation of private institutes.
- ❖ Dr. Shekhar Bhargava was appointed as OSD to Vice-Chancellor, RAJUVAS, Bikaner.



## Vice-Chancellor's Visit

### Workshop on Issues in the Development of Modern Abattoirs

Hon'ble Vice-Chancellor Prof. A.K. Gahlot attended a workshop on Issues in the Development of Modern Abattoirs organized by MoFPI-cum-CEO, National Meat & Poultry Processing Board, Ministry of Food Processing Industries, Government of India on 6<sup>th</sup> January, 2012 at New Delhi.

### HR Conclave-2012

Prof. A.K. Gahlot, Vice-Chancellor, RAJUVAS delivered a lecture in Plenary Session on Talent Management in 5<sup>th</sup> HR Conclave-2012 on "Future is Here: Leveraging HR for Organizational Success" organized by Confederation of Indian Industry (CII) from 10-11 February, 2012 at Jaipur.

### Central Agricultural University, Aizawl (Mizoram) campus

Hon'ble Vice-Chancellor visited Aizawl in February, 2012 and interacted with Hon'ble Secretary DARE and DG, ICAR as well as Hon'ble Vice-Chancellor, CAU, Prof. S.N. Puri on developmental issues. He visited the veterinary college campus to take a stock of activities.



### NMPPB, Min. of FPI, GOI meeting at New Delhi

Prof. A.K. Gahlot, Vice-Chancellor participated in the meeting held by NMPPB, Ministry of Food Processing Industries, GOI at New Delhi regarding hygienic production of meat and traceability issues. The meeting was held on 6<sup>th</sup> January, 2012.



### Workshop at Rashtrapati Bhawan on Rainfed Agriculture

Prof. A.K. Gahlot, Vice-Chancellor was invited to attend the workshop organized by the President of India at Rashtrapati Bhawan, New Delhi on 15<sup>th</sup> February, 2012. The workshop was attended by several CMs, Central and State ministers, administrators, Vice-Chancellors and scientists.

### Annual Vice-Chancellor's Conference

Prof. A.K. Gahlot, Vice-Chancellor attended Annual Vice-Chancellor's Conference held at New Delhi from 15-17 February, 2012. Sh. Sharad Pawar, Hon'ble Minister of Agriculture and Food Processing Industries, Government of India was the Chief Guest of the Inaugural Function of the Interface Meeting of Vice-Chancellors and ICAR Directors.

### Hanumangarh Ashwa Mela

Hon'ble Vice-Chancellor was Chief Guest in the closing ceremony of Horse Fair organized by Hanumangarh Ashwa Palak Samiti on 21<sup>st</sup> February, 2012. He appreciated the efforts of stud farms in Hanumangarh district in promoting Marwari breed of horses.



## Spreading Wings

### IGNOU, New Delhi Starting New Courses

A MOU was signed between Indira Gandhi National Open University, New Delhi and RAJUVAS, Bikaner. On behalf of RAJUVAS, Prof. S.B.S. Yadav, Dean, CVAS, Bikaner and on the behalf of IGNOU Prof. B.P.R. Narasimha Rao, Regional Director, signed the MOU on 10<sup>th</sup> January, 2012 at VC Secretariat, RAJUVAS, Bikaner. IGNOU is going to start many courses related to animal husbandry in collaboration with RAJUVAS, Bikaner in which milk product technology, diploma programme in meat technology, certificate course in poultry are included. These courses are expected to start from next July. IGNOU will open a center at CVAS, Bikaner and provide the printed material, while the faculty members of CVAS, Bikaner will be responsible for teaching and conducting practical class of these courses.

### Academic and Research Prtnership with NRCE, Hisar



RAJUVAS, Bikaner & National Research Center on Equines, Hisar will now work together for teaching and research activities on equine health and production. Prof. A.K. Gahlot, Vice-Chancellor, RAJUVAS and Dr. R.K. Singh, Director, NRCE, Hisar signed a MOU for jointly undertaking various programmes in the field of equine health and production on 18<sup>th</sup> January, 2012. According to the MOU, the NRCE will be affiliated with RAJUVAS for conducting research on equine health and production and for the award of PG degrees/diplomas. The yearly programme of admission, number of seats in each subject, PG teaching, area of research etc. will be as decided by the University. The scientists of the NRCE would be included in the list of the faculty members and/or Advisors/ Scientists of the respective disciplines of the RAJUVAS during the particular year. The facilities available at RAJUVAS and NRCE would be jointly shared by both.

### Joint Research Venture with Ayurvet Limited, New Delhi

A MOU was signed between Ayurvet Limited-A herbal veterinary medicine manufacturing firm, New Delhi and RAJUVAS, Bikaner on 15<sup>th</sup> February, 2012. On behalf of RAJUVAS Prof. A.K. Gahlot, Vice-Chancellor and on behalf of Ayurvet Limited Sh. Pradeep Burman, President, Ayurvet Limited, New Delhi signed the MOU. According to this MOU both the organizations will collaborate in research on use of herbs in veterinary.

### NRCC, Bikaner Join Hands for Research & Teaching

RAJUVAS, Bikaner and National Research Center on Camel, Bikaner join hands for teaching and research activities on camel health and production. According to the MOU signed by Prof. A.K. Gahlot, Vice-Chancellor, RAJUVAS and Dr. N.V. Patil, Director, NRCC, Bikaner on 23<sup>rd</sup> March, 2012, the University will provide affiliation to the NRCC, Bikaner for Post graduate diploma/degree courses in camel health and production for students, veterinarians and scientists. The degree and diploma certificates to the students participating in these programmes will be provided by the University. The annual programme, number of seats in each programme, decisions about PG education and research for all diploma/degree programmes to be launched by the NRCC will be taken by the University. The scientists from NRCC, Bikaner will be involved as a faculty member and advisor in the relevant scientific disciplines. This will not only benefit the faculty members, scientists and students of these organizations but camel owners will also be benefitted in the area of camel treatment, production and management.





## Trainings Organized

### Dairy Farmers Training at CVAS, Navania

A one day training programme was organized on "Health Management in Dairy Animals" for the dairy farmers of Kota district by CVAS, Navania, Vallabh Nagar, Udaipur on 12<sup>th</sup> January, 2012 in collaboration with Rajasthan Technical



Training Institute, Kota. Dr. R.K. Nagda, Dean, Dr. S.K. Sharma, Incharge, TVCC, Dr. Mitesh Gaur, Incharge, Buffalo Project and Dr. M.L. Gurjar, Farm Manager delivered lectures on selection and purchase of dairy animals, prevention and control of diseases in dairy animals, prevention and treatment of infertility and improved dairy practices for proper health and production. 68 dairy farmers attended this training programme.

### Capacity Building by PGE-RCLHP, Jaipur

Several training programmes under RKVY Project "Capacity Building for Animal Feed Technology, Quality & Productivity Enhancement" were organized from January to March, 2012. 218 farmers, 40 rural women, 26 unemployed youth, 88 paravets and 30 veterinary officers were benefited under RKVY Project. Certificates were distributed to the participants on different occasions by Dr. Rajesh Sharma, Ex-Director, Department of Animal Husbandry, Dr. Rajesh Maan, Director, Department of Animal Husbandry and other government officials.



### STTP on Quality Issues in Meat Sector

Being a knowledge partner of NMPPB, RAJUVAS organized a short term training programme on Quality Issues in Meat Sector at National Institute of Food Technology

Entrepreneurship and Management (NIFTEM), Kundli, Sonapat, Haryana in collaboration with National Meat and Poultry Processing Board (NMPPB), Ministry of Food Processing Industries, Government of India from 22-24 February, 2012. In this programme entrepreneurs, product development managers, meat processing managers, meat exporters, researchers, academicians, students and representatives from meat processing industry had participated and benefitted. Training about production of fresh meat, marketing, capacity building and information about legal aspects were provided to the participants. Dr. Rakesh Rao, Director Research was the course coordinator for the training.

## Participation in Professional Activities

- ❖ Dr. R.K. Tanwar, Director Clinics, RAJUVAS participated in International Conference on Scientific Developments and Technical Challenges in the Progressive Control of Foot & Mouth Disease in South Asia from 13-15 February, 2012 at New Delhi. Dr. Tanwar also attended International Workshop on Bio Security and Public Health Challenges in Veterinary Hospitals in India Bridging the Gap between Human and Animal Health an Indo-US Workshop from 5-8 March, 2012 at Hyderabad.
- ❖ Dr. A.P. Singh, Associate Professor, Department of Veterinary Medicine and Dr. Hemant Dadhich, Associate Professor & Head, Department of Veterinary Pathology, CVAS, Bikaner attended workshop on "Scientific Report Writing and Presentation" organized by NAARM, Hyderabad from 6-9 March, 2012.
- ❖ Dr. Sunil Meharchandani, Associate Professor, Department of Veterinary Microbiology, CVAS, Bikaner attended workshop on "Scientific Report Writing and Presentation" organized by NAARM, Hyderabad from 19-22 March, 2012. Dr. Meharchandani also attended a STTP on Quality issues in Meat Sector at NIFTEM, Kundli, Sonapat, Haryana from 22-24 February, 2012.
- ❖ Sh. Kuldip Chand, Deputy Librarian, CVAS, Bikaner attended workshop on "Scientific Report Writing and Presentation" organized by NAARM, Hyderabad from 19-22 March, 2012.
- ❖ Dr. C.S. Vaishnava, Academic Coordinator, Dr. Devi Singh Rajput, Dr. Pankaj Thanvi, Dr. Sunita Pareek, Assistant Professors and Dr. N.S. Rathore, Assistant Registrar of CVAS, Navania, Vallabh Nagar participated in International Congress on "Modern Concepts in Canine Health and Diseases of Human Concern" organized at RAJUVAS, Bikaner from 9-11 February, 2012.
- ❖ Dr. S.K. Sharma, Assistant Professor, CVAS, Navania, Vallabh Nagar attended the National Training Programme on Current Practices and Protocols in Veterinary Emergency and Critical Care Medicine, Cardiology and Gastroenterology from 1-21 February, 2012 at CAFT in Veterinary Clinical Medicine, Ethics and Jurisprudence, Madras Veterinary College, TANUVAS, Chennai.

## Student Achievements

### PG Students Presented Paper in International Conference

Post-graduate students of Department of Veterinary Surgery and Radiology, CVAS, Bikaner, Dr. Anita Meena presented a paper entitled, "General anaesthesia in camelids- an overview" and Dr. Mukesh Gahlot presented a paper on "Computed Tomography and Digital Radiography of Foot of Camel" in International Camel Conference held at Sultan Qaboos University, Muscat, Oman from 28<sup>th</sup> January-1<sup>st</sup> February, 2012.

## Student Participations

### Organization of NSS Camp

The NSS unit of CVAS, Navania, Vallabhnagar organized a special camp from 28<sup>th</sup> February to 5<sup>th</sup> March, 2012. Different activities conducted during seven days camp, included



slogan writing competition, shramdaan, polio eradication campaigning in village, expert lecture on banking, loaning procedure for students, poster making competition, quiz competition, debate competition on dowry in Indian marriage system, village visit, leaflets distribution, mineral mixture demonstration and lectures delivered to villagers on scientific cattle management. Dr. C.S. Vaishnava, Academic Coordinator, Dr. D.S. Rajput, NSS Programme Officer, Dr. P.K. Thanvi, Dr. G.S. Gautam, Dr. Sunita Pareek, Assistant Professors and Dr. M.C. Sharma were present during inauguration. Same activities were undertaken by NSS unit of CVAS, Bikaner from 25<sup>th</sup> to 31<sup>st</sup> March, 2012 by the Dr. Rajeev Joshi, NSS Programme Officer.



### Students Participation in Personality & Leadership Development Programme

Eleven students from IV & V Year B.V.Sc. & A.H. of CVAS, Bikaner participated in a Personality & Leadership Development Programme from 14-15 January, 2012 organized by Rotract Club of Bikaner. The camp was addressed by eminent faculties like Dr. Ramesh K. Arora, Retd. Professor, Rajasthan University, Jaipur, Mrs. Aditi Mathur, Director, Radianz Institute, Dr. Sudheer Sharma, Director, AMCAP School of Management and Dr. Gaurav Bissa, Reader, Engineering College, Bikaner.

### Students Participation in Badminton & T.T. Tournament and Professional Quiz Contest at Pantnagar

Students of CVAS, Bikaner participated in the All India Veterinary College Badminton and Table Tennis Tournament and



Professional Quiz Contest organized by the G.B. Pant Agriculture & Technology University, Pantnagar from 19-21



March, 2012. A contingent of 18 students was sent from CVAS, Bikaner under the leadership of Dr. Ashok Dangi and Dr. Kapil Kachwaha.

### Educational Tour of PGE-RCLHP students

An educational tour for PG students was organized by PGE-RCLHP, Jaipur. Students visited NRCE, Bikaner, CSWRI, Avikanagar, NRCC, Bikaner, Govt. Sheep Farm at Fatehpur and Surti and Gir farm at Vallabhnagar. Educational tour was also organized for AHDP students.

## Staff Accomplishments

### ❖ Dr. T.K. Gahlot represented RAJUVAS in Oman

Dr. T.K. Gahlot, Associate Professor & Head, Department of Surgery and Radiology, CVAS, Bikaner represented RAJUVAS in International Camel Conference held at Sultan Qaboos University, Muscat, Oman from 28<sup>th</sup> January-1<sup>st</sup> February, 2012. Dr. T.K. Gahlot presented a paper entitled, "Surgeries of head and neck region of camels". Dr. Gahlot also displayed camel research done at CVAS, Bikaner in last six decades through the posters and displayed the books and journals edited by him.



### ❖ Dr. R.K. Dhuria, Elected as Executive Member of ANA

Dr. R.K. Dhuria, Associate Professor, Department of Animal Nutrition, CVAS, Bikaner was elected as executive member of Executive Body of Animal Nutrition Association, IVRI, Izatnagar for the biennium (2012-2014).

## M.V.Sc. Awardees

Twenty students were awarded provisional degree certificate of M.V.Sc. during 1<sup>st</sup> January to 31<sup>st</sup> March, 2012 by RAJUVAS. The University wishes them a bright future.

S. No.	Title of Thesis	Name of Department	Name of Advisor	Name of Student
1	Effect of feeding graded levels of brewer's dried grain with or without supplementation of enzyme on the performance of broiler chicks.	Animal Nutrition	Dr. R.K. Dhuria	Parool Khandelwal
2	Studies on induced hypothyroidism and its effects on some important blood biochemical parameters in Marwari goats	Veterinary Biochemistry	Dr. Anil Moolchandani	Suresh Yadav
3	Studies of some epidemiological and diagnosis aspects of sub-clinical mastitis in buffaloes ( <i>Bubalus bubalis</i> )	Veterinary Preventive Medicine	Dr. Fakhruddin	Hilendra Joshi
4	Haemato-biochemical and therapeutic studies on gastrointestinal parasitism in horses	Veterinary Preventive Medicine	Dr. R.K. Tanwar	Shadab Ahmed Khan
5	Polymorphism in coa and spa genes in <i>Staphylococcus aureus</i> isolated from skin wound in dromedary camel	Animal Biotechnology	Dr. A.K. Kataria	Priyanka Rathore
6	Genetic characterization and diversity study of Gir and Kankrej cattle through microsatellite markers	Animal Biotechnology	Dr. B.N. Shringi	Mona Upreti
7	Studies on some clinically important serum enzymes of Marwari horses in relation with age and sex	Veterinary Biochemistry	Dr. Anil Moolchandani	Vinay Punia
8	Molecular characterization of defensin gene from <i>Hyalomma dromedary</i> of camel	Veterinary Parasitology	Dr. G.S. Manohar	Bhavana Rathore
9	Genotype characterization of <i>staphylococcus aureus</i> from clinical mastitis in cattle in relation to some virulence factors	Veterinary Microbiology	Dr. A.K. Kataria	Vikas Khichar
10	A clinical study on musculo-skeletal affections of equines	Veterinary Surgery & Radiology	Dr. T.K. Gahlot	Mahendra Nagar
11	Molecular diagnosis of common bacterial pathogens associated with bovine mastitis	Veterinary Microbiology	Dr. S.K. Kashyap	Neena Gupta
12	Molecular characterization of defensin gene of <i>Stomoxys calcitrans</i>	Veterinary Parasitology	Dr. G.S. Manohar	Rakhee Verma
13	Molecular characterization of cysteine protease gene of <i>Trypanosoma evansi</i> from camels	Veterinary Parasitology	Dr. G.S. Manohar	Anita Kumari
14	Polymorphism of leptin (LEP) and growth hormone receptor (GHR) gene in goats by PCR-RFLP	Animal Breeding & Genetics	Dr. G.C. Gahlot	Vikas Sharma
15	Ambience associated variations in the serum biomarkers of oxidative stress in buffaloes of arid tract	Veterinary Physiology	Dr. Naini Kataria	Ashish Joshi
16	Clinical evaluation of ketamine and bupivacaine as an epidural anesthesia in camel ( <i>Camelus dromedarius</i> )	Veterinary Surgery & Radiology	Dr. N.R. Purohit	Mahesh Agarwal
17	Radiological diagnosis of thoraco-abdominal disorders in large ruminants	Veterinary Surgery & Radiology	Dr. T.K. Gahlot	Brijesh Kumari Meena
18	Study on managerial practices of buffaloes in Jaipur district of Rajasthan	Livestock Production & Management	Dr. Basant Bals	Devendra Singh Manohar
19	Diagnosis of endometritis in cows using metricheck, uterine cytology and ultrasonography and efficacy of different treatments	Veterinary Obstetrics and Gynaecology	Dr. G.N. Purohit	Pramod Kumar
20	Studies on clinical uses of CIDR in bovine	Veterinary Obstetrics and Gynaecology	Dr. J.S. Mehta	Laxmi Narayan Prajapat

**Hon'ble Members of Board of Management, RAJUVAS**



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Deputy Speaker of the Rajasthan Assembly  
MLA, Untyara, Deoli (Tonk)



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**Dr. Ram Kishan Tanwar**  
Director, Clinic,  
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