

# RAJUVAS NEWSLETTER

April-June, 2021

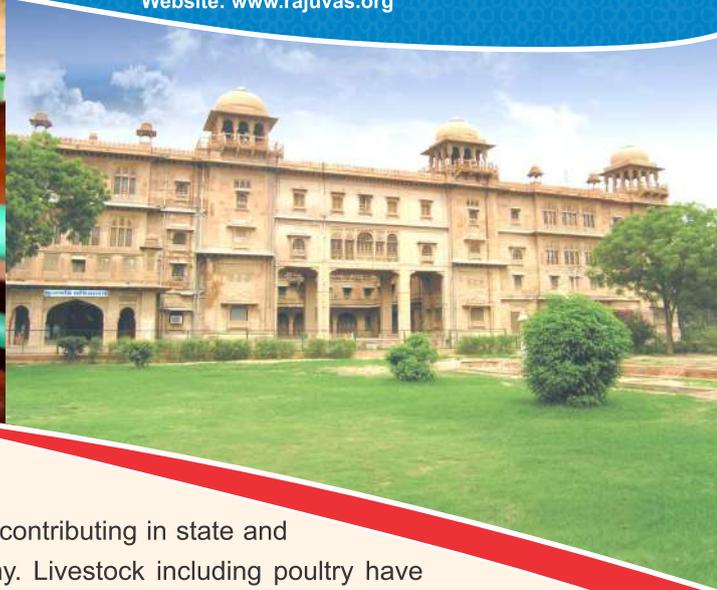
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## From Vice-Chancellor's Desk

Dear Readers,

Indian livestock sector is significantly contributing in state and national economy, especially rural economy. Livestock including poultry have proved to be life saviours under almost every distress condition, including drought. Livestock is an important mean of livelihood for rural people in the state. Rajasthan stands first in wool production and second in goat production and milk production in the country and contributes around 11% to the GDP of Rajasthan. Thus, efforts are being made to promote this sector for self-employment of livestock owners, farmers and families of weaker sections of the society. Efforts should be made for ensuring delivery of the outcome of applied research through effective extension programmes. Animal diseases significantly affect production and trade of livestock products. Therefore, there is an urgent

need to establish effective and integrated surveillance, control and prevention mechanisms designed to prevent production losses and ensuring quality of food of animal origin. There is need for efficient disease forecasting and management information system to prevent occurrence of various animal diseases, particularly which are of epidemic and endemic nature. Prompt collection and validation of animal disease information and creation of database would help in launching of various disease control programmes. Concept of 'ONE HEALTH' about which we all have been talking for decades requires a holistic approach to address issues related to health of humans, animals and ecosystem. Thus, addressing issues of ecosystem is not only essential for environment but also for animal and human well being. Veterinarians with a broad horizon of education should focus more on diagnosis of zoonotic diseases at an early stage and also strive to assess their impact on public health. Newer technologies must be integrated with the indigenous knowledge and practices. There is an urgent need to change the attitude of the field veterinarians from clinic- centered activity to more pro-active disease prevention and production promotion activities, so that sporadic incidences of various diseases do not blow to assume epidemic proportions. There is also need for policy and extension support for meeting the multi- pronged challenges to animal husbandry sector in an endeavour to ensure adequacy, quality, profitability and affordability of livestock products to one and all. Second wave of COVID-19 pandemic has given biggest ever blow to mankind globally where we lost millions of people, no sector remained unaffected including education and economy. Let us all pledge to dedicate our self in the service of mankind and society, and make efforts to compensate our students by focusing more on practical aspects to ensure skill-competence of our students. We should also focus more and more on emerging new trans-boundary diseases along with capacity building and infrastructure development in disease diagnostics.

  
**(Satish K. Garg)**  
Vice-Chancellor

## University Activities

### Inauguration of Indigenous Cattle Modern Dairy at Raj Bhavan

Hon'ble Governor of Rajasthan Sh. Kalraj Mishra inaugurated the Indigenous Cattle Modern Dairy built by RAJUVAS, Bikaner at Raj Bhavan on 14 April, 2021. Vice-Chancellor Prof. Vishnu Sharma apprised the Hon'ble Governor that proper arrangements have been made for the Indigenous cows in modern dairy from the point of view of fodder, comfort, cleanliness and health. To protect against scorching heat, sprinkler systems, swinging cow brushes, automatic bathing equipment, etc., have been installed. Hon'ble Governor visited the dairy and understood the working of state-of-the-art facilities and equipment developed for the care of cows and appreciated the arrangements made in the Dairy. Hon'ble Governor also released the quarterly newsletter of the university. On this occasion, Secretary to Governor Sh. Subir Kumar; OSD Sh. Govind Ram Jaiswal; Dean PGIVER, Jaipur Prof. Sanjita Sharma; Liaison Officer Prof. G.S. Gautam and Nawab Singh Assistant were present.



### Inauguration of Buildings of PVK and Foundation Stone Laying Ceremony of CVAS, Jodhpur

The Hon'ble Governor and Chancellor of Rajasthan, Sh. Kalraj Mishra laid the foundation stone of the building of new Veterinary College, Jodhpur and inaugurated the buildings of five Pashu Vigyan Kendra located in Jodhpur, Avikanagar (Tonk), Ratangarh (Churu), Dungarpur and Jhujhunu districts in a state-level online function on 10<sup>th</sup> June 2021. Hon'ble Chief Minister of Rajasthan Sh. Ashok Gahlot presided over the function. On this occasion, Shri Kalraj Mishra, Governor said that there is a need to formulate an effective policy of Animal Management in arid region like Marwar so that farmers and livestock owners can get the benefits of Modern Science and Technologies. Sh. Ashok Gahlot, Hon'ble Chief Minister, Governor of Rajasthan said that it is the intention of the State Government that agriculture and animal husbandry should be developed at a faster pace in the state. The increase in GDP from these two sectors during the corona period is a matter of pride for the farmers and livestock owners and establishment of Pashu Vigyan Kendra in every district will go ahead in this regard. Sh. Lalchand Kataria, Hon'ble Minister of Agriculture and Animal Husbandry, Sh. Bhajan Lal Jatav, Hon'ble Minister of State, Agriculture and Animal Husbandry also addressed the function. Prof. Vishnu Sharma, Vice-Chancellor, RAJUVAS presented the overview of the University and expressed his vote of thanks. Sh. Bhanwar Singh Bhati Hon'ble Minister of Higher Education and MLAs Suryakanta Vyas, Sursagar (Jodhpur); Rita Chaudhary, Mandawa (Jhunjhunu); Ganesh Dogra, Dungarpur; Kanhaiyalal, Avikanagar (Tonk); Abhinesh Maharishi, Ratangarh (Churu); Sh. Pukhraj, Bhopalgarh, Jodhpur; including the District Collector of the respective districts, high officials of the State Animal Husbandry and Agriculture Department, Dean-Director of Veterinary University, officers, teachers, employees and students participated through online mode.



**Contribution in Governor's Relief Fund**

Vice-Chancellor Prof. Vishnu Sharma handed over a check of Rs.51.00 lakh to Hon'ble Governor of Rajasthan Sh. Kalraj Mishra for the Governor's Relief Fund. This amount collected by running a voluntary contribution campaign from the faculty, affiliated veterinary colleges and AHDP institute situated in different district of Rajasthan for vaccination and other support works as a help to prevent corona epidemic. University also contributed through its University Development fund



**Inauguration of Virtual Classroom**

Virtual Classroom was inaugurated on 16<sup>th</sup> April, 2021 by Sh. Narendra Singh Tomar, Union Minister of Agriculture & Farmers Welfare, Rural Development and Panchayati Raj, Gol in the presence of Sh. Parshottam Rupala, Minister of State for Agriculture & Farmer Welfare, Govt. of India, Dr. Trilochan Mahapatra, Secretary, DARE & Director General, ICAR and other dignitaries. This virtual classroom has been established at 18 universities of country by ICAR under NAHEP. Students will be benefitted by these and will connect themselves live with the subject teachers as well as recorded lectures will be available to them through Agri-Diksha Web Education Channel. Vice-Chancellor Prof. Vishnu Sharma along with other Deans-Directors was also present during the function. Dr. Ashok Dangi, Nodal Officer, Virtual Classroom coordinated the event.



**Avasar Webinar Series for Career Opportunity**

**First Webinar under Avasar Series**

The first webinar of Avasar Webinar Series on Alternate career opportunities for veterinary graduates was successfully organized by the LIKES, CVAS, Navania, Udaipur on 8<sup>th</sup> June, 2021 with the objective to motivate the veterinary students to make a career in the alternate field. Keynote speaker of the webinar Dr. Rakesh Beniwal, alumni of RAJUVAS gave detailed information to the students about the opportunities to make their career in various fields. Prof. Tribhuwan Sharma, Nodal Officer and PI, NAHEP. Prof. R.K. Joshi, Dean, CVAS, Navania, Prof. R.K. Singh, Dean & faculty chairman, CVAS Bikaner and Dean, PGIVER, Jaipur Prof. Sanjita Sharma present during the webinar. The organizing secretaries of this webinar were Prof. S.K. Sharma and Dr. Deepak Kumar Sharma. The programme was coordinated by Dr. Ashok Dangi and Dr. Goverdhan Singh, Incharge, IUMS. Total 538 registrations were done in this webinar from various educational institutions across the country.



**Second Webinar under Avasar Series**

The second webinar Avasar series on alternate career Opportunities for veterinary graduates was organized by the LIKES Cell of CVAS, Navania, Udaipur on 14<sup>th</sup> June, 2021. The keynote speaker of the webinar was Dr. Himanshu Jain, RAJUVAS Alumni and currently working as Lead Sales and Business Head, North India. Total 202 participants were participated from different educational institutions across the country.



**Third Webinar under Avasar Series**

The third webinar of the Avasar webinar series was organized by LIKES, CVAS, Navania on 22<sup>nd</sup> June, 2021. The keynote speaker of the webinar Ganga Singh Shekhawat, National Trade Marketing Manager (Retail & Modern Trade) Pedigree, Mars Pet Care provided detail information on different career opportunities in the field and business of pet care to the students. Total 102 participants were participated from different educational institutions across the country.



**Webinar on Don't Hesitate: Vaccinate**

A webinar on don't hesitate: vaccinate under Corona Vaccination Awareness programmes" was held on 8<sup>th</sup> May 2021 by Social Responsibility and Participation Cell, RAJUVAS, Bikaner. Chief speaker Dr. Sanjay Kochar, Sr. Professor Medicine, Sardar Patel Medical College, Bikaner briefed about on various aspects of corona outbreak, symptoms of infection, preventive measures, benefits of corona vaccination, etc. He also emphasized for corona vaccination for every person. Prof. Vishnu Sharma, Vice-Chancellor, RAJUVAS, Bikaner also expressed his views on this and invoke everyone for corona vaccination. All deans and directors were connected in this programme. Webinar was coordinated by Prof. R.K. Dhuria, Director Extension Education. Dr. Ashok Dangi, Dr. Deepika Dhuria and Dr. Manohar Sain were the convener of this event. The webinar was broadcast live on the university's facebook page, which was viewed by more than four thousand people.



**Online Interactive Session for Faculty and Students**

An online interactive session for faculty members of PGIVER, Jaipur was organized on 11<sup>th</sup> May, 2021. Prof. Sanjita Sharma, Dean, PGIVER, Jaipur discussed various ways to keep everyone healthy and mentally strong during this COVID-19 situation. Online interactive session for students of 2<sup>nd</sup> 3<sup>rd</sup> and 4<sup>th</sup> year B.V.Sc. & A.H. was organized on 12<sup>th</sup>, 13<sup>th</sup> and 14<sup>th</sup> May, 2021, respectively to make the students pleasant and comfortable during this COVID-19 lock down period. The programme was coordinated by Dr. Y.P. Singh, ADSW, PGIVER, Jaipur and Dr. Barkha Gupta, IUMS Incharge, PGIVER, Jaipur.



**Series on Diversified Opportunities in Veterinary Profession**

RAJUVAS has initiated a series on diversified opportunities in veterinary profession, where veterinary students will have opportunity to listen and interact eminent personalities of Veterinary Profession. This will motivate students to opt for various diverse fields. Firstly, in this series, Prof. Vishnu Sharma, Vice-Chancellor, RAJUVAS, Bikaner had interacted with all M.V.Sc. & Ph.D students of university on topic dimensions of veterinary science: emerging society expectations and opportunities for vets on 13<sup>th</sup> May, 2021. Students interacted live with Vice-Chancellor and asked their queries on the topic. Dr. Ashok Dangi, ADSW coordinated the event.

**Virtual Interaction Meeting for B.V.Sc&A.H. Students**

An online virtual interaction meeting was organized for the students of first year B.V.Sc. & AH by CVAS, Navania, Udaipur on 15<sup>th</sup> May, 2021. Dean, Prof. Rajeev Kumar Joshi said that students have to motivate themselves but also the people around them to protect them from corona and to get vaccinated. Prof. Shiv Kumar Sharma, Academic Coordinator told the students about naturopathy and online classes. ADSW Dr. Mitesh Gaur informed the students about the proper use of masks and the process of vaccination. This online programme was organized by Dr. Goverdhan Singh, Incharge, IUMS.



**International Webinars on Opportunities as Veterinarian in Abroad**

An International webinar was organized on 20<sup>th</sup> May 2021 to make the students aware about different job opportunities available in the field of veterinary at Abroad. Vice-Chancellor Prof. Vishnu Sharma told the students about the different dimensions of veterinary field in Abroad. Dr. Ravi Murarka, United States based Indian Veterinary Clinician as invitee expert, resolved the doubts of the students and aware them about different examinations required for veterinary education, employment and higher studies in America. Prof. Sanjita Sharma, Dean PGIVER, Jaipur given vote of thanks. More than 126 students from all the three constituent veterinary colleges of the RAJUVAS have participated in this webinar. The programme was conducted by Dr. Ashok Dangi, Incharge IUMS.



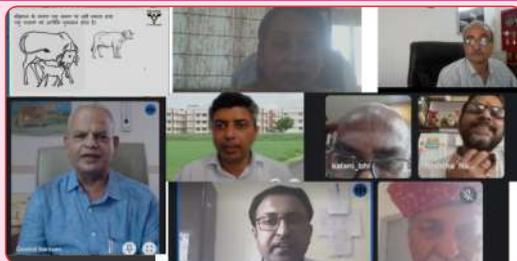
**Webinar on Combating Stress with Positivity**

An online webinar was organized on combat stress with positivity on 2<sup>nd</sup> June 2021 through University Social Responsibility and Participation Cell RAJUVAS. Vice-Chancellor Prof. Vishnu Sharma expressed his view and said that teamwork, contribution to the society, mutual harmony and attachment towards the organization are essential in the present times. We can reduce stress only by keeping courage and positive thinking ahead. Management trainer Dr. Gaurav Bissa as the keynote speaker said that the lack of efforts in student life but having high expectations causes stress. Therefore, instead of dreaming, one should be mastered in his work. Fear of the unknown, fear of failure and extreme laziness lead to mental paralysis. Director Extension Education and webinar convener Prof. R.K. Dhuria said that it is the duty of every person to render best services during the crisis of epidemic. Dr. Deepika Dhuria and Dr. Rajni Joshi co-organized the webinar. All the faculty, staff and students of participated in this webinar.



### Webinar on Animal Reproduction Management

Webinar on Animal Reproduction Management was organized by CVAS, Navania, Udaipur on 16<sup>th</sup> June 2021. Prof. R.K. Joshi, Dean, CVAS, Navania emphasized over the importance of animal breeding and Prof. Sanjita Sharma, Dean, PGIVER, Jaipur explained about animal nutrition to the animal owners and shared key points for balanced ration formulation. The keynote speaker Prof. G.N. Purohit and Dr. Sumit Yadav explained the various aspects of animal reproduction in detail to the livestock owners. Dr Mitesh Gaur organized this webinar. Sh. Raj Kumar Bam, President, Param Puja Madhav Gau Vigyan Anusandhan Sansthan, Naugaon, Bhilwara, thanked the organizers on behalf of the livestock owners for this event.



### Corona Vaccination Camp

Corona vaccination camp was organized on 8<sup>th</sup> April, 2021 at CVAS, Bikaner in collaboration with Medical and Health Department. Total 107 eligible people were vaccinated including faculty members, non-teaching staff and their family members. Dean & Chairman Faculty Prof. R.K. Singh inaugurated the camp. Dr. Neeraj Sharma coordinated the camp.



### Literary Competition

A literary competition was conducted at university level on the occasion of foundation day of University on 18<sup>th</sup> May, 2021. In this competition Satynarayan student of 4<sup>th</sup> year stood first in poem competition and Rachna Soan student of 2<sup>nd</sup> year at 3<sup>rd</sup> position in essay competition. Dean Prof. Rajeev Kumar Joshi congratulated the students.

## Celebrations

### 11<sup>th</sup> Foundation Day of RAJUVAS

To commemorate the completion of eleven years of the establishment of the RAJUVAS, an online deliberation was organized on the topic New Education Policy, Veterinary Education: Scenario and Prospects on 18<sup>th</sup> May 2021. Prof. Vishnu Sharma, Vice-Chancellor, RAJUVAS, Bikaner during his presidential address briefed about the progress made by university during last year via a presentation. Prof. Inderjit Singh, Vice-Chancellor, GADVASU, Ludhiana as chief guest emphasized on multi-faculty education in the new education policy. He said as per new education policy, we have to pay attention to various dimensions in veterinary and develop entrepreneurship, which will provide employment opportunities. Prof. K.M.L Pathak, Former Vice-Chancellor, DUVASU, Mathura; Dr. Umesh Chandra, President Veterinary Council of India and Prof. A.K. Gahlot, Former and Founder Vice-Chancellor, RAJUVAS; Industrialist Sh. Ashok Modi, Dr. Amit Nain, former Dean, CVAS, Bikaner Prof. B.K Beniwal and Prof. Rakesh Rao also expressed their views during webinar.



All guests praised the efforts of RAJUVAS made in the direction of New Education Policy and appreciated the progress of the university in all fields. On this occasion, University publications RAJUVAS E-Bulletin, Pashupalan Naye Ayam, Pashu Aahar Evum Chara Bulletin and PG Regulation-2021 were released by the guests. Prof. A.P Vyas, Registrar Sh. Ajit Singh, Comptroller Sh. Pratap Singh Poonia, Dean-Directors of RAJUVAS, faculty members, employees, student alumni and farmers connected to Facebook page of University. Prof. R.K. Singh Dean, Veterinary College, Bikaner welcomed everyone. Prof. Hemant Dadhich conducted the discussion. Organizing Secretary Prof. R.K. Dhuria, Director Extension Education proposed vote of thanks to all. Dr. Ashok Dangi, Incharge, IUMS was Co-organizing Secretary of programme. Poem and drawing, sketching, literary competitions were conducted at university level on this occasion. Winner students were given e-certificates. This programme was telecasted live through university Facebook page and a large number of students, farmers and general public viewed this event.

### 7<sup>th</sup> International Yoga Day

The 7<sup>th</sup> International Yoga Day was organized online on 21<sup>st</sup> June 2021 by CVAS, Navania, Udaipur on the theme of this year Yoga Day was Yoga at Home and Yoga with Family. Dean Prof. R.K. Joshi said that yoga gives physical and mental peace. Everyone should practice co-family yoga regularly. Yoga instructor in this programme was Shri Jaswant Menaria, Founder Aadiyogi Group. Students, NCC cadets, NSS volunteers, faculty members and employees practiced yoga with their families at home. An online quiz and drawing competition were also organized. The programme was organized by Dr. Mitesh Gaur, ADSW and Dr. Goverdhan Singh, Incharge, IUMS.

**World Veterinary Day-2021**

World Veterinary Day 2021 was celebrated with enthusiasm on 24<sup>th</sup> April, 2021 at all the campuses of RAJUVAS on online mode. An online essay writing competition, extempore competition, drawing competition and quiz competitions were conducted for students. Winner and participating students were provided e-certificates also. Main function was also held in the form of National Webinar on the theme of WVD 2021 Veterinarian response to Covid-19 crisis for improving animal & human health. Chief Guest was Dr. Umesh Chandra Sharma, President VCI, New Delhi, guest of honour was Prof. A.K. Gahlot, former Vice Chancellor, RAJUVAS, Bikaner. The function was presided over by Prof. Vishnu Sharma, Vice-Chancellor, RAJUVAS, Bikaner. Students and faculty members attended this webinar.



**World No Tobacco Day**

An online Pledge Taking Ceremony was organized by PGIVER, Jaipur on 31<sup>st</sup> May, 2021 on the occasion of 'World No Tobacco Day'. The ceremony was coordinated by Dr. Y.P. Singh, ADSW, PGIVER, Jaipur.

**World Environment Day**

**PGIVER, Jaipur**

Institute celebrated World Environment Day on 5<sup>th</sup> June, 2021. A Mass Plantation Drive was initiated under the leadership of Dean, PGIVER, Jaipur on this occasion.



**CVAS, Navania (Udaipur)**

National Webinar on Ecosystem Restoration was organized on World Environment Day (5<sup>th</sup> June, 2021) at CVAS, Navania (Udaipur). Vice-Chancellor Prof. Vishnu Sharma said that today the whole world is facing the problem of ecosystem degradation; ecosystem restoration is the need of the today. There is need to sensitizing the entire human population towards environmental protection and promotion and concerted efforts have to be made. Dr. P.C. Jain, prominent environmentalist and social activist as invited guest shared his views and experience on different methods of water harvesting and recycling. Dean Prof. Rajeev Kumar Joshi emphasized the sensitivity of the topic of ecosystem restoration. On this occasion, Dean PGIVER, Jaipur, Prof. Sanjita Sharma also shared her view on this topic. Prof. S.K. Sharma was organizing secretary. IUMS Cell Incharges Dr. Ashok Dangi and Dr. Goverdhan Singh conducted this programme. All the Deans, Directors, faculty members, students were present on this occasion.



**World Milk Day**

World Milk Day was celebrated by organizing an online workshop on progress in milk quality and safety at RAJUVAS on 1<sup>st</sup> June, 2021. The Chief Guest Prof. N.H. Kelawala, Vice-Chancellor, Kamdhenu Veterinary University, Gandhinagar said that dairy sector is a major source of rural economy and employment. Breed development, progeny and artificial insemination and genetics development works need to be implemented prominently in the country. Vice-Chancellor Prof. Vishnu Sharma emphasized that Rajasthan State ranks second in the country in milk production and has a monopoly in the milk production of goats and camels. By adopting the activities of organic milk production, value addition and milk processing, the income of the livestock owners can be increased. Workshop was coordinated by Dean PGIVER, Jaipur Prof. Sanjita Sharma. Dean, CVAS, Bikaner Prof. R.K. Singh welcomed everyone. Director Extension Education Prof. R.K Dhuria presented a brief report of the workshop. Veterinary experts from all over the India and abroad, Deans-Directors, faculty members, students, progressive farmers and veterinarians participated in the workshop. The co-convener of the workshop Dr. Barkha Gupta conducted the workshop.



**New Assignments**

❖ Dr. Pratap Singh Poonia, Senior Officer of Rajasthan Account Services has taken over the charge of Comptroller, RAJUVAS, Bikaner on 1<sup>st</sup> April, 2021.



## What's New

### New Constituent Veterinary College Nawa (Nagaur)

The State Government has given administrative and financial approval for the post and provision for the implementation of the establishment of the fifth new constituent Veterinary College of RAJUVAS at Nawa (Nagaur) by an administrative order on 17<sup>th</sup> May 2021. Vice-Chancellor, Prof. Vishnu Sharma informed that under the budget announcement for the year 2021-22, the State Government has given financial approval for 29 teaching and 12 non teaching posts for the new Veterinary College, Nawa (Nagaur), along with financial approval of Rs 22.68 crore for the construction of college building, equipment, chemical and glassware and office expenditures.

### Dairy Science and Technology College at Bikaner

Dairy Science and Technology College will be established in Bikaner under RAJUVAS as per budget speech of the Hon'ble Chief Minister for the year 2021-22. With the establishment of Dairy Science and Technology College, special opportunities for self-employment in quality processing and value addition of milk and milk products will be made available to cattle farmers, and especially rural youth. Administrative and financial approval has been issued for 54 posts including 27-27 posts of academic and non-academic cadre for establishment of this constituent college. Vice-Chancellor, Prof. Vishnu Sharma emphasized that with the issue of administrative and financial sanctions for these two Dairy Science and Technology Colleges, now RAJUVAS becomes the multi-faculty University.

### Dairy and Food Technology College at Bassi (Jaipur)

Dairy and Food Technology College will be established at Bassi (Jaipur) as constituent college of RAJUVAS as per budget speech of the Hon'ble Chief Minister for the year 2021-22. In view of the increasing demand and self-employment of educated persons in the field of dairy technology for all activities like milk production, value addition, milk processing, packaging, storage, transport and distribution, State Government has taken a decision to open these colleges at Bikaner and Bassi in Jaipur.

### New Pashu Vigyan Kendra at Jobner (Jaipur)

The State Government has given administrative and financial approval for the posts and establishment of new Pashu Vigyan Kendra of RAJUVAS at Jobner (Jaipur) by an administrative order on 17<sup>th</sup> May 2021. Vice-Chancellor Prof. Vishnu Sharma said that Hon'ble Chief Minister had announced the opening of Pashu Vigyan Kendra in Jobner (Jaipur) in the budget announcement for the year 2021-22. For establishment of this 16<sup>th</sup> Pashu Vigyan Kendra of the University, the government has given sanction of the posts and budget for construction of building, purchase of necessary equipment, furniture and financial approval for the office expenses.

### NABL Accreditation to Advanced Milk Testing Research Laboratory

National Testing and Calibration Laboratory Accreditation Board has issued accreditation of Advanced Milk Testing and Research Laboratory, Jaipur for two years and its certificate has also been issued. Many high-end and state-of-the-art laboratories have been established in the University. NABL of these state-of-the-art laboratories Initiatives are being taken to get the accreditation done from these laboratories so that the capacity of these laboratories can be developed and commercial benefits can also be availed. Team of Dr. Vikas Galav, Dr. Manish Agrawal, Dr. Sandeep Sharma, Dr. Barkha Gupta and all supporting staff under the leadership of Dean Prof. Sanjita Sharma accomplished this task.



## Administrative Meetings

### Online Review Meeting of Deans, Directors and University Officers

An online meeting of Deans, Directors and officers of the university was held on 10<sup>th</sup> May, 2021 under the chairmanship of Prof. Vishnu Sharma, Vice-Chancellor, RAJUVAS, Bikaner. Progress of different activities of the University including online education programme in all colleges, awareness about Covid Vaccination and issue of Rajasthan Government Health Scheme (RGHS) for employees of university was discussed. Concerned unit heads briefed about the progress made on these parameters.

### Online Review Meeting of Education and Student's Welfare Activities

An online meeting of Deans of constituent colleges, Dean Students Welfare and Assistant Dean Students Welfare of constituent colleges was held on 11<sup>th</sup> May, 2021 under chairmanship of Prof. Vishnu Sharma, Vice-Chancellor, RAJUVAS, Bikaner. Different issues of education and student's welfare was discussed in the meeting. Vice-Chancellor instructed all concerned to keep the moral of students high in the COVID-19 pandemic by making repeatedly communication with students and asked to motivate the students for Covid vaccination. Draft of RAJUVAS Alumni Association was also discussed. It was decided to prepare college magazine in all constituent colleges. Prof. R.K. Singh, Dean and Chairman Faculty gave vote of thanks.

### Online Review Meeting of Livestock Research Stations

An online meeting of Officer Incharges of Livestock Research Stations of University was held on 12<sup>th</sup> May 2021 under Chairmanship of Prof. Vishnu Sharma, Vice-Chancellor, RAJUVAS, Bikaner. Prof. Hemant Dadhich, Director Research briefed about the meeting agenda. Progress about digitization of farm records, status of organic conversion of land and livestock, efforts for enhancing income resources and solar capacity installation and water harvesting status at different LRS was reviewed.

**Online Meeting of Deans and Trustees of Affiliated Veterinary Colleges**

An online meeting of Deans and Directors and Trustees of affiliated private veterinary colleges was held on 19<sup>th</sup> May 2021 under chairmanship of Prof. Vishnu Sharma, Vice-Chancellor, RAJUVAS, Bikaner. Online education programme was reviewed at affiliated colleges during COVID-19 situation. Deans of concerned colleges briefed about their activities and online education during COVID conditions. Vice-Chancellor assured them to make available the recorded lecture by the Faculty members of RAJUVAS through ICAR platform.

**Students Accomplishments**

**Patent on Digital Device by RAJUVAS Alumnus**

RAJUVAS Alumnus Dr. Amit Sharma, M.V.Sc student of Department of LPM, PGIVER Jaipur presently serving in Department of Animal Husbandry got patent on digital device for transferring material inside cervix/uterus and system thereof (Digital AI gun) from Patent Office, Government of India.



**Second Position to Satveer Mokharia**

Satveer Mokharia got second position in an online essay competition organized by International Veterinary Students Association (IVSA) Pakistan, Jhang on occasion of World Veterinary Day 24<sup>th</sup> April, 2021.



**Participation in Brainstorming Workshop**

Three students of CVAS, Bikaner participated in a brainstorming workshop on mainstreaming of agriculture as a core subject in the school curriculum held virtually on 16<sup>th</sup> June 2021 conducted by ICAR-IASRI. Divya Choudhary, Asma Tanwar and Dipesh Kumar Dabi expressed their views on the inclusion of agriculture as a core subject in the school curriculum.



**Superannuation**

- ❖ Sh. Shankar Lal, Assistant Registrar, Registrar Office, RAJUVAS, Bikaner had superannuated on 30<sup>th</sup> April, 2021.
- ❖ Smt. Vimla Srimali, Class IV, Department of Pharmacology, CVAS, Bikaner had superannuated on 31<sup>st</sup> May, 2021.
- ❖ Sh. Arjun Prasad Sahu, Comptroller office, RAJUVAS, Bikaner had superannuated on 30<sup>th</sup> June, 2021.



**University Social Responsibility**

**Corona Vaccination Awareness Campaigns**

Corona Vaccination Awareness campaign was organized in collaboration with the Gram Panchayat at Village Garhwala and Jaimalsar on 29<sup>th</sup> and 30<sup>th</sup> April, 2021 by Directorate of Extension Education. Necessary information related to corona vaccination was provided to the villagers through the three types of pamphlet entitled "Simple Steps to Reduce the Risk of Corona Virus Infection", "Save You, Save Your Family" and "Corona Vaccination Awareness Campaign". Dr. Manohar Sain and Dr. Amit Kumar motivated and made aware the villagers about COVID-19 vaccination. Pamphlets were distributed door to door to make them aware about corona vaccination programme. Masks were also distributed to the villagers. Sh. Mohan Lal, Representative of Sarpanch, Garwala and Dr. Saurav Dadia, Madan Singh, Kripal Dan of Jaimalsar also associated in the campaign.



### Ayurvedic Health Camp

An Ayurvedic Health Camp was organized by Directorate of Extension Education under University Social Responsibility in coordination with Department of Ayurveda, GOR, Bikaner at Garhwala village on 28 May, 2021 and Jaimalsar village on 31 May, 2021. In the camp at Garwala, ayurvedic kaadha and mask were distributed door-to-door to more than 500 villagers to boost up the immunity against COVID-19 and seasonal infections. Dr. Ramesh Chandra Soni, Deputy Director, Department of Ayurveda, GoR, Bikaner and Dr. Devi Singh Rajput, Assistant Professor provided their services in the camp. While at Jaimalsar, more than 600 villagers were benefitted. Dr. Ghanshyam Ramawat, Department of Ayurveda, GoR, Bikaner and Dr. Virendra Kumar, Officer Incharge, LRS, Kodamdesar provided their services in the camp.



### Water Conservation Gosthi

Water Conservation Gosthi was organized by Directorate of Extension Education in collaboration with Public Health and Engineering Department, Bikaner in Garhwala and Jaimalsar village on 22<sup>nd</sup> and 23<sup>rd</sup> June, 2021. Sunil Kumar, Assistant Engineer, PHED provided information about Jal Jeevan Mission and various schemes of PHED. Dr. Neeraj Kumar Sharma, Coordinator, USR told about the various ways of water conservation in our day to day life. Sh. Narpata Jyani, Junior Engineer PHED and Dr. R.S. Pal, Professor emphasized on traditional ways of water conservation and advanced technologies like drip irrigation, sprinkler system. Various issues regarding water availability in adopted villages were also discussed in the gosthi.



## Capacity Building and Skill Development

### Initiation of Online Farmer Skill Development Abhiyan

Directorate of Extension Education, RAJUVAS, Bikaner initiated a new programme for skill development of livestock owners under the Online Pashupaalak Kaushal Vikaas Prashikshan Abhiyaan from 17th May 2021. Vice-Chancellor Prof. Vishnu Sharma said that online skill development training campaign would be run in a series manner by all the Pashu Vigyan Kendras located in different districts of the state so that animal owners could develop their skills and increase their income by adopting them as self-employment. Vice-Chancellor Prof. Sharma also stressed on ensuring participation of women in training camps along with inclusion of marketing, bank and industries related to animal husbandry in training. Prof. R.K. Dhuria, Director of Extension Education said that due to the COVID epidemic, one-day online training is being given to the livestock owners by the Pashu Vigyan Kendras located in various districts. Taking this initiative one step further, under Pashupalaak Skill Development Training Campaign, three to five days online training will be imparted to livestock owners by the Pashu Vigyan Kendras located in different districts of the state. Under this campaign, a first series of five-day free online training camp was started by the Pashu Vigyan Kendra, Lunkaransar on 17 May, 2021. The subject experts Prof. J.S. Mehta, Dr. G.N. Purohit, Dr. Ashok Kumar and Dr. Swati Ruhil delivered their lecturer. The first online training programme camp was conducted by Dr. Amit Kumar, Officer-in-Charge, PVK, Lunkaransar, More than 80 livestock owners participated in this online training camp.

### RAJUVAS e-Pashupalak Choupal

Four online e-Pashupalak Choupals were organized by the Directorate of Extension Education for the livestock owners of the state to provide online guidance and suggestion to the farmers on Camel: the ship of desert - the store of medicinal value, Importance of a balanced diet for animals, Scientific breeding and management of horses, and azolla as organic feed by Dr. Artabandhu Sahoo, Director ICAR-NRCC, Bikaner, Prof. Tribhuvan Sharma, Director, HRD, RAJUVAS, Bikaner, Dr. S.C. Mehta, PS and Officer Incharge, NRCE, Bikaner and Prof. G.N. Mathur, Former Chief Scientist and Head, KVK, Tabiji, Ajmer, respectively. The e-Pashupalak Choupal was broadcasted live on official facebook page of RAJUVAS and DEE, Bikaner on 28<sup>th</sup> April, 12<sup>th</sup> May, 26<sup>th</sup> May, and 9<sup>th</sup> June, 2021, respectively. Prof. R.K Dhuria, Director Extension Education conducted and coordinated the choupal.

Farmers Trainings by Pashu Vigyan Kendra and Krishi Vigyan Kendra

**PVK, Suratgarh**

Pashu Vigyan Kendra, Suratgarh organized 14 online, 4 COVID-19 awareness campaigns and one livestock farmers skill development training during this quarter. Total livestock farmers were benefitted. Dr. Rajkumar Bairwal, Assistant Professor and Dr. Anil Ghorela, Teaching Associate organized these trainings.



**PVK, Lunkaransar (Bikaner)**

Pashu Vigyan Kendra, Lunkaransar organized 17 online, 1 COVID-19 awareness campaigns and one livestock farmers skill development training and livestock farmers were benefitted. Dr. Amit Kumar, Assistant Professor, Dr. Manish Songara and Dr. Pramod Mohata, Teaching Associates organized these trainings.



**PVK, Dungarpur**

Pashu Vigyan Kendra, Dungarpur organized 14 online and 3 COVID-19 awareness campaigns in this quarter. Total livestock farmers were benefitted. Dr. Rajesh Singhania, Assistant Professor and Dr. Virendra Singh, Teaching Associates organized these programmes.



**PVK, Ratangarh (Churu)**

Pashu Vigyan Kendra, Churu organized 15 online, 3 COVID-19 awareness campaigns and one livestock farmers skill development training during this quarter. Total livestock farmers were benefitted. Dr. Ashok Kumar, Assistant Professor, Dr. Sushil Kumar Meena and Dr. Vinay Kumar, Teaching Associates organized these trainings.



**PVK, Kumher (Bharatpur)**

Pashu Vigyan Kendra, Kumher (Bharatpur) organized 17 online, 2 COVID-19 awareness campaigns and one livestock farmers skill development training. Total livestock farmers were benefitted. Dr. Arun Kumar, Assistant Professor, Dr. Munesh Kumar Pushp and Dr. Rohit Kumar Tiwari, Teaching Associates organized these training programmes.



**PVK, Bakalia (Nagaur)**

Pashu Vigyan Kendra, Bakalia (Nagaur) organized 15 online, 3 COVID-19 awareness campaigns and one livestock farmers skill development training and livestock farmers were benefitted. Dr. Mahendra Tanwar, Assistant Professor, Dr. Parmjeet and Dr. Gaurav Kumar Jain, T.A. organized these training camps.



**Pashu Vigyan Kendra, Kota**

Pashu Vigyan Kendra, Kota organized 19 online, 3 COVID-19 awareness campaigns and one livestock farmers skill development training during this quarter. Total livestock farmers were benefitted. Dr. Atul Shankar Arora, Assistant Professor, Dr. Nikhil Shringi and Dr. Tripti Gujar, T.A. organized these trainings.



**Pashu Vigyan Kendra, Sirohi**

Pashu Vigyan Kendra, Sirohi organized 14 online and 2 COVID-19 awareness campaigns during this quarter. Total livestock farmers

were benefitted. Dr. Sudeep Solanki, Assistant Professor and Dr. Rabintra Kumar, T.A. organized these training camps.

**PVK, Avikanagar (Tonk)**

Pashu Vigyan Kendra, Tonk organized 14 online, 2 COVID-19 awareness campaigns and one livestock farmers skill development training and livestock farmers were benefitted. Dr. Ashok Baidha, Assistant Professor, Dr. Deepak Gill, Dr. Narendra Choudhary and Dr. Rajesh Saini, Teaching Associates organized these programmes.



**PVK, Dholpur**

Pashu Vigyan Kendra, Dholpur organized 21 online, 3 COVID-19 awareness campaigns and one livestock farmers skill development training during this quarter. Total livestock farmers were benefitted. Dr. Subhash Chand, Assistant Professor, Dr. Pradeep Pal Singh and Dr. Parmal Singh, Teaching Associates organized these trainings.



**PVK, Bojunda (Chittorgarh)**

Pashu Vigyan Kendra, Bojunda (Chittorgarh) organized 16 online, 3 COVID-19 awareness campaigns and one livestock farmers skill development training and livestock farmers were benefitted. Dr. Mukesh Chand Sharma, Assistant Professor and Dr. Mukesh Kumar Meena, T.A. organized these training programmes.



**PVK, Jodhpur**

Pashu Vigyan Kendra, Jodhpur organized 15 online, 3 COVID-19 awareness campaigns and one livestock farmers skill development training. Total livestock farmers were benefitted. Dr. Bhagat Singh Saini, Assistant Professor, Dr. Amit Kumar Chotiya and Dr. Mahendra Pal Poonia, T.A. organized these trainings.



**PVK, Jhunjhunu**

Pashu Vigyan Kendra, Bojunda (Chittorgarh) organized 15 online, 4 COVID-19 awareness campaigns and one livestock farmers skill development training during this quarter. Total livestock farmers were benefitted. Dr. Pramod Kumar, Assistant Professor, Dr. Sukhveer Singh and Dr. Vipin Chandra, Teaching Associates organized these programmes.



**Farmers Training by KVK, Nohar**

KVK, Nohar organized 12 online trainings, 2 online training under Jal Shakti Abhiyan, 3 Sangosthi and 1 Field Visit during this quarter. Total farmers were benefitted. Dr. Manohar Lal Sain, Assistant Professor, Mr. Bheiru Singh, Mr. Akshay Ghintala, Dr. Ramchander Tiwari and Miss. Anjali Sharma, Teaching Associates organized these programmes.



## Post-Graduates Research

Thirty-six students completed their Post-Graduated research projects and awarded provisional degree certificates of M.V. Sc and Ph.D. during 1<sup>st</sup> April to 30<sup>th</sup> June, 2021.

S. No.	Title of Thesis	Name of Department	Name of Advisor	Name of Student
1.	Gross anatomical, histological, histochemical, ultra structural and immune histo-chemical studies of the thyroid gland in dromedary Camel ( <i>Camelus dromedarius</i> )	Veterinary Anatomy and Histology	Dr. Sanjeev Joshi	Devendra Singh (Ph.D.)
2.	Effect of mint powder ( <i>Mentha spicata</i> ) and Indian bay leaf powder ( <i>Cinnamomum tamala</i> ) as herbal feed additives on performance of broiler chicks	Animal Nutrition	Dr. Rajesh Nehra	Mukesh Kumar Gurjar
3.	Study of genetic variation in interleukin-6 (IL-6) and interleukin-8 (IL-8) genes among equine species	Animal Genetics and Breeding	Dr. Urmila Pannui	Sanjeev Kumar
4.	Gross, histological, histochemical, electron microscopic and immunohistochemical studies on the female reproductive tract of Kadaknath and White Leghorn hens	Veterinary Anatomy and Histology	Dr. Sanjeev Joshi	Tanvi Mahajan (Ph.D.)
5.	Effect of Cinnamon ( <i>Cinnamomum verum</i> ) and Ajwain ( <i>Trachyspermum ammi</i> ) as feed additives on the performance of broiler chicks	Animal Nutrition	Dr. Tribhuvan Sharma	Neha Sharma (Ph.D.)
6.	Virulence and antimicrobial gene profiling of salmonella spp associated with poultry enteritis	Veterinary Microbiology	Dr. D.K. Sharma	Arpita Sain
7.	Epidemiological studies on gastrointestinal parasitic infections of camel population in arid western zone of Rajasthan	Veterinary Parasitology	Dr. Praveen Kumar Paliania	Abhinav Meena
8.	Studies on therapeutic efficacy of Holarrhena antidysenterica in neonatal calf diarrhoea with special reference to <i>E. coli</i> and <i>Salmonella</i>	Veterinary Clinical Medicine, Ethics and Jurisprudence	Dr. A.P. Singh	Rajendra Yadav (Ph.D.)
9.	Study of the laparoscope assisted ovariectomy in bitches in comparison with ovariectomy by right flank laparotomy	Veterinary Surgery and Radiology	Dr. Mahendra Tanwar	Vilas D
10.	A clinical study on use of carbon dioxide laser for various soft tissue surgeries in dogs	Veterinary Surgery and Radiology	Dr. Praveen Bishnoi	Tusar Goyal
11.	Sequencing and analysis of camel ( <i>Camelus dromedarius</i> ) TLRs4 to 10	Veterinary Microbiology	Dr. B.N. Shringi	Jyoti Choudhary (Ph.D.)
12.	Development and quality evaluation of Fig (Anjeer) incorporated camel and buffalo milk based khoa burfi	Livestock Products Technology	Dr. Basant Bais	Ajay Sharma
13.	Bacteriological profile of bio-medical waste and assessment of the efficacy of autoclave and microwave	Veterinary Public Health	Dr. Rajani Joshi	Deepika Jain
14.	Gross, histological and histochemical studies on the stomach of Pig ( <i>Sus Scrofa domestica</i> )	Veterinary Anatomy and Histology	Dr. Pankaj Kumar Thanvi	Anjali Arora
15.	Therapeutic studies on holarrhena antidysenterica in colibacillosis affected calves	Veterinary Clinical Medicine, Ethics and Jurisprudence	Dr. J.P. Kachhawa	Leenu Tanwar
16.	Development and quality evaluation of aloe vera and coconut water based whey beverages prepared from camel and goat milk.	Livestock Products Technology	Dr. Basant Bais	Nitesh Chand Sharma
17.	Study of cytokine expression levels upon infection of different viruses in chickens	Animal Biotechnology	Dr. B.N. Shringi	Narasi Ram Gurjar
18.	Differentiation of <i>Staphylococcus aureus</i> isolates obtained from animate and inanimate sources in reference to some genes responsible for virulence and antibiotic resistance	Animal Biotechnology	Dr. A.K. Kataria	Vasundhara Rathore (Ph.D.)
19.	Therapeutic studies of Neem ( <i>Azadirachta indica</i> ) and Giloy ( <i>Tinosporcordifolia</i> ) on subclinical mastitis in cattle	Veterinary Clinical Medicine, Ethics and Jurisprudence	Dr. Sunita Choudhary	Pooja Solanki
20.	In vitro studies on antiparasitic activities of extracts of Aegle marmelos and Dalbergia	Veterinary Clinical Medicine, Ethics and Jurisprudence	Dr. J.P. Kachhawa	Raj Kumar Soni
21.	Effect of ageing on tenderization of tough meat through selective multiple approaches in different species (buffalo, pork, sheep, goat)	Livestock Products Technology	Dr. Anurag Pandey	Y. R. Ambedkar (Ph.D.)

S. No.	Title of Thesis	Name of Department	Name of Advisor	Name of Student
22.	Study on growth performance traits of Sonadi Sheep at farm condition	Animal Genetics and Breeding	Dr. R.K. Nagda	Renuka Hada
23.	Effect of Turmeric ( <i>Curcuma longa</i> ) powder and synbiotic as alternative to antibiotic growth promoter on the performance, carcass characteristics and nutrient utilization in broiler chicks	Animal Nutrition	Dr. Kavita A. Shende	Manish Kumar Nagar
24.	Effect of supplementation of herbs and spices as feed additives on performance of broiler chickens	Animal Nutrition	Dr. Manju	Kavita Meena
25.	Clinical studies on diabetes mellitus in canine	Veterinary Clinical Medicine, Ethics and Jurisprudence	Dr. Nazeer Mohammed	Shashi Choudhary
26.	Effect of supplementation of <i>Moringa oleifera</i> and <i>Morus alba</i> forage on dry roughage based maintenance diet in sheep	Animal Nutrition	Dr. Monika Karnani	Kamlesh Suthar
27.	Prevalence and characterization of <i>Salmonella</i> species isolated from poultry farms and chicken meat	Veterinary Public Health	Dr. Abhishek Gaurav	Surendra
28.	Awareness and utilization pattern of E-resources among postgraduate students of RAJUVAS, Bikaner	Veterinary and Animal Husbandry Extension	Dr. Tikam Chand Goyal	Ravta Ram
29.	Study on cattle management practices in Alwar district of Rajasthan	Livestock Production & Management	Dr. M.L. Gurjar	Rahul Kumar Saini
30.	Influence of stocking density on performance, welfare, haemato-biochemical indices and carcass characteristics of broiler chicken under intensive poultry production system	Livestock Production & Management	Dr. Hina Ashraf Waiz	Namo Narayan Meena
31.	Genetic evaluation of Marwari goat for growth performance under field conditions in arid region of Rajasthan	Animal Genetics and Breeding	Dr. Manju Nehra	Ambika Choudhary
32.	Characterization of <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> isolated from raw fish meat outlets of Bikaner	Veterinary Public Health	Dr. Rajani Joshi	Chandani Jawa
33.	Evaluation of preoperative b-mode ultrasound biometry of cataractous eyes in dogs	Veterinary Surgery and Radiology	Dr. Suresh Kumar Jhirwal	Kundan Singh Meena
34.	Development and studies of Beetroot and Muskmelon based whey beverages prepared from camel and goat milk	Livestock Products Technology	Dr. Basant Bais	Yogendra Singh
35.	Comparative studies on effects of ascorbic acid, butaleted hydroxyl toluene (BHT) and Melatonin on cooled storage of Magra rams semen	Animal Reproduction, Gynaecology & Obstetrics	Dr. Amit Kumar	Bhanu Prakash
36.	Effect of season and stage of lactation on bioactive components and antioxidant activity in milk of Sahiwal and Kankrej cattle in arid region of Rajasthan	Livestock Production & Management	Dr. S.C. Goswami	Geetesh Mishra (Ph.D.)

**Patron**

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