

 An orientation programme for the newly admitted B.V.Sc. & A.H. students of the session 2023-24 was organized at PGIVER, Jaipur on 19th October, 2023.



 A colorful inauguration of Sports and Cultural Week "Umang-2024" to be organized at Post Graduate Institute of Veterinary Education and Research (PGIVER), Jaipur from March 4-7, 2024 was held in the grounds.



 An orientation program for newly admitted postgraduate students in the session 2023-24 was organized PGIVER, Jaipur.

Students activities at CDST, Bikaner

 On July 27-28, 2023, students from the Dairy Science and Technology College, Bikaner visited the Government Engineering college, Bikaner. They explored the department of Mechanical Engineering, focusing on heat and mass transfer and thermodyamics.



 Students of B. Tech dairy Technology (1" year, 2" semester) from College of dairy science and Technology were sent for Inplant Training under READY programme at Payas Milk Producer Company for a period of one month (18.12.2023 to 21.01.2024).



 B Tech (Dairy Technology students) 2rd year, 4th semester have also underwent inplant training under READY programme at Urmul Dairy, Bikaner w.e.f 1.03.2024 to 05.04.2024.



4. On March 11, 2024, trials were conducted for various sports and cultural events among students for inter-college sports and cultural program "Spocul-24" at RAJUVAS, Bikaner. The event featured a wide range of competitions including hasketball, volleyball, table tennis, debates, and cultural performances in "Spocul-24".



Students activities at CDFT, Jaipur

 On November 2, 2023, students from the Dairy and Food Technology College, Bassi, Jaipur, visited Malaviya National Institute of Technology, Jaipur.



Rajasthan University of Veterinary and Animal Sciences, Bikaner



 On February 23, 2024, the Dairy and Food Technology College, Bassi, Jaipur, organized an awareness program on blood donation for students.



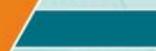
- On September 27, 2023, Dairy and Food Technology College, Bassi, Jaipur, organized an awareness campaign among students on the occasion of World Rabies Day
- Dairy and Food Technology College, Bassi, Jaipur, sent its students to participate in the inter-college sports and cultural event "Spocul-24" starting from March 15, 2024, in Rajuvas, Bikaner.



 On March 11, 2024, trials were conducted for various sports and cultural events among students for the inter-college sports and cultural program "Spocul-24".







Student Amenities

Hostel Facilities at CVAS, Bikaner:

S.No.	Name of Hostel	Type of Hostel (Boys/ Girls/)	Accon	imodation Numl	n Facilities in ber	Alteri Arrang	
			Rooms	Beds	Total No. of allotted Beds	Rooms	Beds
T	UG-I	Boys	85	195	195	1	30
2	PG-I	Boys	35	35	35		5
3	PG-II	Boys	38	54	54	× .	7
4	UG-II	Boys	10	30	30	1.1	5
5	Intern	Boys	11	33	33	-	0
6	Girl's Hostel (Old Wing)	Girl's	50	109	109		5
0	Girl's Hostel (New Wing)	Girl's	18	54	54		5
7	New Boys Hostel	Family Hostel	17	34	34	-	5

Residential Colony (For Staff & Student)

Family Quarters (Type)	No. of Quarters	Family lives
A,c,d,e,f,g,h,th	92	92

Hostel Facilities at CVAS, Navania:

S.No.	Name of Hostel	Type of Hostel (Boys/ Girls/)	Accommo	dation Facil	itties in Number	Altern	
			Rooms	Beds	Total No. of allotted Beds	Rooms	Beds
1	UG	Bøys	99	237	100		- 20
2	PG	Boys	54	108	50		-
3	Girls Hostel	Girls	94	207	132	10 8	2 A .

Residential Colony (For Staff & Student)

Family Quarters (Type)	No. of Quarters	Family lives
EI	04	04

Residential Colony (For Staff & Student)

S.No.	Name of Hostel	Type of Hostel (Boys/ Girls/)	Accommodation Facilities in Number				native gements Beds
			Rooms	Beds	Total No. of allotted Beds	Rooms	Beds
L.	Boys Hostel	Boys	59	200	52		-
2.	Girls	Girls	59	200	56	-	

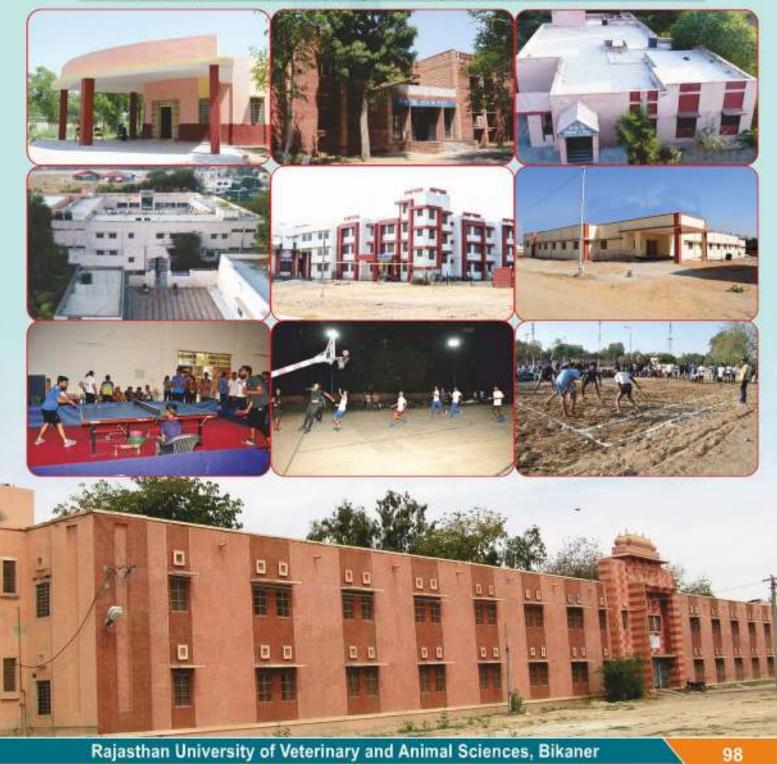
Residential Colony (For Staff & Student)

Family Quarters (Type)	No. of Quarters	Family lives 04	
звнк			13 7.a



Students felicitated for appearing in the University merit list.

S. No.	Name	Rank	College
Forth	Year B.V.Sc. & AH - 202	3	
1.	Deepanshi Gupta(Miss)	IRank	College of Veterinary and Animal Science, Bikaner
2.	Ashma Tanwar (Miss)	II Rank	College of Veterinary and Animal Science, Bikaner
3.	Dipesh Kumar Dabi	III Rank	College of Veterinary and Animal Science, Bikaner
First \	Year B.V.Sc. & A.H. 2023		
1.	Gokul Vyas	I Rank	College of Veterinary and Animal Science, Bikaner
2.	Divya Upadhyay (Miss)	II Rank	College of Veterinary and Animal Science, Bikaner
3.	Priyanka (Miss)	111 Rank	College of Veterinary and Animal Science, Bikaner



Research Activities

Directorate of Research governs the research activities at Nine Livestock Research Stations located at Chandan (Jaisalmer), Nohar (Hanumangarh), Beechwal (Bikaner), Vallabhnagar (Udaipur), Kodamdesar (Bikaner), CVAS Bikaner, Bojunda (Chittorgarh), Dag (Jhalawar), and Dholpur, Institutional as well as project research in different disciplines of College of Veterinary and Animal Science, Bikaner, College of Veterinary and Animal Science, Navania, Vallabhnagar (Udaipur), Post Graduate Institute of Veterinary Education and Research, Jaipur and Apex Centre, Bikaner. Revenue Generation by Directorate of Research through LRS and various Research Schemes was 5.36 Crore during 2023-24. Four types of Research works are being conducted at Rajasthan University of Veterinary and Animal Sciences, Bikaner are Farm Based Research, Field Based Research, Institutional Research, and Student's Research.

During the reporting year total of 32 Research schemes were operational. Out of these 21 externally funded projects were running at various LRS's and at various departments of constituent colleges. Among which5 projects were funded by ICAR, 11 by State plan and05 by RKVY. Eleven intramural university funded, Revolving Fund projects were also functional.



Total research schemes operational during year 2023-24 (in Lacs)

Funding Agency	No of Schemes	Total cost of Projects	Amount Sanctioned in year 2023-24
ICAR	05	202.27	1069.00
State	11	7900.00	13765.00
RKVY	05	393.41	-
Revolving Fund	11	98.62	
Total	32	8594.30	14834.00

Research Schemes operational during the year 2023-24

S. No.	Name of Research Schemes
ICAR 8	chemes
1.	AICRP on Genetic Improvement of Marwari Goats in Farmers' Flocks at CVAS, Bikaner, CVAS, Bikaner.
2.	Network Project on Buffalo (Surti) Improvement at Livestock Research Station, Vallabhnagar, Udaipur.
3.	AICRP on Genetic Improvement of Sirohi Goats in Farmers' Flocks at LRS, Vallabhnagar, Udaipur.
4.	Mega Sheep Seed Project (Sonadi) at Livestock Research Station, Vallabhnagar, Udaipur.
5.	All India Network Programme on Diagnostic Imaging and Management of Surgical Affections in Animals at CVAS, Bikaner.
State	Plan Schemes
1.	Apex Centre for Animal Disease Investigation, Monitoring and Surveillance.
2.	Centre for Etheno Veterinary Practice & Altern ative Medicines.
3.	Centre for Conservation of Animal Biodiversity.
4.	Centre for Organic Animal Product Technology.
5.	Centre for Excellence for use of Space based Technology in Animal Science.
6.	Centre for Studies on Wild Life Management & Health.
7.	Centre for Disaster Management Technology for Animal.
8.	Vaccinology & Biological Product Research Centre
9.	Animal Bio Medical Waste Disposal Technology Centre.
10,	Engineering and Technology Centre for Animal Science.
11.	Livestock Feed Resource Management and Technology Centre.
RKV	Y Schemes:
1.	Centre for Diagnosis, Surveillance & Response of Zoonotic Diseases.
2.	Capacity Building of Secretaries of the Milk societies and laboratory personnel of Rajasthan Cooperative Dairy Federation (RCDF) for Clean Milk production, Milk Quality and Safety.
3.	Establishment of Poultry Germplasm Multiplication Unit for Indigenous Poultry.
4.	Farmers training and Hostel Facility.
5.	Establishment of biosafety level-3 (BSL-3) facility for diagnosis of emerging Zoonotic disease.
Reve	lving Fund Schemes:
1.	Increase the fodder and seed production through Revolving Fund at Livestock Research Station, Chandan, Jaisalmer.
2.	Development and conservation of Marwari goat at Livestock Research Station, Chandan, Jaisalmer.
3.	Preservation and articulation of bones of different species of animals to enhance the teaching quality of Veterinary Anatomy at CVAS, Navania, Udaipur.
4.	Income generation through Farming activities at Livestock Research Station, Bojunda, Chittorgarh.
5.	Preparation and supply of ORS for calves at CVAS, Navania, Udaipur.
6.	Pilot Project on Alternate Energy Generation through Biogas based Electricity Production at CVAS, Navania, Udaipur.
7.	Sirohi Goat Breeding Project at Livestock Research Station, Beechwal (Bikaner).
8.	Green Fodder & Seed Production at Livestock Research Station, Beechwal (Bikaner).
9.	Processing and marketing of Milk and Milk products at CVAS, Navania.
10.	A Pilot project on production of indigenous milk products at CVAS, Bikaner.
11.	Revolving Fund Project for Cattle Feed and Mineral Mixture Plant (CFMMP).



Livestock Research Station

S.No.	Name of Research Stations
On Car	npus Research Stations
I.,	Livestock Research Station Bikaner
2.	Livestock Research StationVallabhnagar(Udaipur)
Off Car	npus Research Stations
١.	Livestock Research Station Beechwal (Bikaner).
2.	Livestock Research Station Kodamdesar (Bikaner).
3.	Livestock Research Station Chandan (Jaisalmer).
4.	Livestock Research Station Nohar (Hanumangarh).
5.	Livestock Research Station Dholpur.
6.	Livestock Research Station Bojunda (Chittorgarh).
7.	Livestock Research Station Dag (Jhalawar)



1. Livestock Research Station, Bikaner

The main objective of LRS, Bikaner is to improve and conserve the Rathi cattle germplasm through selective breeding in closed herd system and to conduct research on scientific breeding, feeding, and health management aspect of Rathi cattle. It also facilitates university students for conducting research and imparting training. The budget allocated during year 2023-24 was Rs.169.00 lacs whereas the Income generated during year 2023-24 from various sources viz. sale of milk, sale of animals, sale of manure etc. was Rs. 33,39,368/-. The total herd strength was 300 among which 219 were females and 81 were males of different age group. The highest wet average was recorded in the month of March and lowest in the month of November. The overall wet average was 6.53 kg and herd average 3.42 kg was observed. A total of 8 cows yielded more than 2000 liters of Milk in single lactation was grouped in the elite herd. The Peak yield (Liters/day) was recorded between 12.40 to 13.8 (Liters/day).

The improved germplasm was sold to the Department of Animal Husbandry. Gaushalas, Gram Panchayats, NGOs, farmers and other development agencies. The progressive breeders purchased the cows, bulls and heifers on book value and at the time of auction. During year of 2023-24 total 04 Rathi bull calves were distributed. Students of different colleges, schools, officers from line departments, farmers. Goshalas workers, NGOS have been visited the LRS.

Research activities: Four M.V.Sc. students and one Ph. D. student conducted their part of research on farm. Students routinely collected samples of blood, milk and dung for their research activities.

DDG and ADG of ICAR along with Honourable Vice Chancellor and other officials of RAJUVAS visited the farm on dated 05-02-2024 and 24-02-2024

2. Livestock Research Station Beechwal

LRS Beechwal, was incorporated as cooperating unit of Tharparkar cattle breeding project under state plan. This research station has been developed and strengthened with the financial support from the ICAR under development and strengthening of SAU farms. The main objective this research station is Conservation, Evaluation and Improvement of Tharparkar Cattle Farm. This station has shown its capabilities in propagation and distribution of superior germplasm of Tharparkar cattle and Sirohi goats, to produce seed of crops useful for livestock feed and fodder besides earning of handsome revenue.

Three different Projects are running under this centre are

- L Sirohi Goat Breeding Project (Revolving Fund Project).
- Green Fodder & Seed Production (Revolving Fund Project). ii. .
- iii. Establishment and Genetic Improvement of Tharparkar Cattle Farm (State Plan)
- Total milk production under reporting year was 109213.95 litres. Among the Production performance the herd average was 4.06 and wet average was 8.46 lit. The average peak yield of 10.83 kg and average Lactation yield (kg) of 2451.18 was recorded during the



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reporting period. The herd strength at the beginning of the year was 184 animals and at the end it was 183 animals including 1 camel. At the end of March 2024 there were 139 females and 51 were male of Tharparkar cattle. Four students have done there a part of their research work at LRS. The income generated at centre during 2023-24 from various sources viz. sale of milks ale of animals, sale of manure, Sale of seed/Grains (Wheat), Sale of Fodder (Green/Dry), Mineral Mixture, sale of goat etc was Rs.90,40,814.00. The herd strength at the beginning for the year was 164 animals and at the end it was 185 animals including 1 camel. During 2023-24 three auctions were conducted and 18 female animals (Cattle, heifers and female calves) and 15 bull calves were sold. Average no. of cows in milking were 37. The wet average was 7.99 and herd average was 4.35.Maximum peak yield (Lit) was 15.90 and Average peak yield (Lit) was 9.50.



3. Eivestock Research Station, Kodamdesar

The main objective of LRS Kodemdesar, is to undertake improvement and conservation of Kankrej cattle germplasm through selective breeding in closed herd system. The evaluation, conservation and scientific breed improvement has shown encouraging results. One cow has produced 4033.7 kg milk in a single lactation. Peak yield of 22.00 kg in 55 days has been achieved. Efforts are made to make available superior Kankrej germplasm with farmers.

The Kankrej cattle project was implemented from the year 2009-10 with the financial support of Rastriya Krishi Vikas Yojna (RKVY).

The total herd strength of Kankrej cattle in year 2023-24 was 226 among which 155 were females and 71 were males of different age group. Total Milk production was 63639 (kg). Annual Wet average was 6.65kg, Annual Herd Average 3.50 kg, Maximum Peak Yield 15.9kg.Maximum Lactation Yield was 2847 whereas Average Lactation Yield (kg) 1682.

A total of 10 animals (8 bull calves, 1 cow and 1 heifer) were distributed and sold to different gaushalas/farmers/ developmental agencies during this financial year. Due to outbreak of lumpy skin disease we could not distribute more no of bull calves. The revenue generated in LRS Kodamdesar during 2023-24 was Rs.1,38,74,440/- by different sources like sale of milk, sale of animals, sale of manure etc. During the year 2023-24 a lot of farmers visited the station. A good number of scientific and technical persons have also visited the station and praised the activities undertaken. Total Milk

production in Year (kg) in the reporting year was 63639 kg. Maximum Peak yieldof 15.9 kg was recorded. During the year 2023-24 the overall mortality was reported as 11.8% which was higher than normal due to the effect of outbreak of lumpy skin disease during last year.

Two other Projects are also running under this centre are:

Sahiwal Cattle Breeding Project:

The Sahiwal Cattle Breeding project was implemented from the year 2013-14 at Livestock Research Station, Kodemdesar for undertaking conservation, evaluation and improvement of Sahiwal cattle germplasm through selective breeding. The performance evaluation has shown encouraging results. Superior Sahiwal germplasm is made available to the farmers. The main aim of the project is to make available the superior germplasm for genetic improvement of indigenous non-descript cattle. High genetic merit Sahiwal bull calves are supplied to the farmers/gausalas/village panchayats/ developmental agencies. The progressive breeders can take surplus cows, bulls and heifers on university book value and at the time of auction. The herd strength at the beginning for the year was 312 animals among which 232 were females and 80 were males. Average No. of Cows in Milk were 57. Annual Wet average was 7.20 kg

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whereas Annual Herd Average was 4.25kg. Maximum Lactation Yield was 4748 kg. Total Milk production in reporting Year was 1,42,773 (kg). A total of 53 animals (1 cow, 13 female calves and 39 male calves) were sold and distributed during the present financial year. The income generated in the Sahiwal Cattle Breeding project during 2023-24 by different sources viz, sale of milk, sale of animals, sale of manure etc. was Rs.51,76,576.00/-. A number of farmers belong to whole state frequently visit the farm and get knowledge about scientific manage mental practices of the farm.

> Magra Sheep Project:

LRS is also maintaining Bikaneri Chokla (Magra sheep) flock upto 100-150 capacity. It is one of the superior carpet wool producing breeds which can be used for genetic improvement in the farmers flock. Superior rams/ewes are made available to the farmers. During this financial year a total of 8 ram were sold to CSWRI Bikaner for distribution in field as breeding ram.

4. Livestock Research Station Chandan, Jaisalmer

The Tharparkar breed evolved as a drought resistant, heat tolerant and disease resistant breed of cattle, suitable for hostile climatic conditions and scare feed resources. As per the central and state Government cattle breeding policy, this Native germplasm is being improved through selective breeding at Livestock Research Station, Chandan. The main objective of the project is Evaluation, Improvement and Conservation of Tharparkar cattle germ plasm.

The herd strength for the year under report was 353 out of which 256 were females and 97 were males of different age group. The revenue generated from farm was Rs 113.69 Lacs in the year 2023-2024. About 400 Officer/ Scientist/ Animal Breeder/Farmers visited at dairy unit of L.R.S. and 2 On Campus/Off Campus trainings were organized a total 500Beneficiaries in this trainings. A total of 58 germ plasm were supplied to various Government Departments, NGO's and Private Sectors in the reporting year. Four cows whose factation yield was above 3000 kg are designated as "ELITE" cows. During this year 2023-24, 2388.72 Qt. green fodder was produced during this year from own resources. The wet average and herd average of the herd during the period of report for each month is presented. The highest wet average 7.72 kg was recorded in the month of July 2023. The overall wet Average was 6.54 Kg, and herd average was 4.32Kg. Total 107 cows calved during 2023-2024. The average peak yield is 9.4 kg. Out of these, 27 cows attained peak yield as 15.00 kg or more than 15.00 kg. Milk per day presenting, The maximum peak yield 18.0 kg was recorded of Cow No. 888. The most of the cows attained peak yield between 20 days to 60 days after calving. Average total milk productions of the herd was 1953.83 Kg, whereas average lactation length was in 285.27 days but average 305 Days milk production were noted 2052.61 Kg, during the reporting year. During this year 2023-24, 1201.72 Qt. green fodder was produced from own resources.

Different Projects are running under this centre are

 Evaluation, Improvement and Conservation of Tharparkar cattle germplasm (State Plan).

Fodder and seed production (Revolving Fund Project). Rijka and Rijka Bajri were produced as green fodder. The whole green fodder is being fed to Tharprakar cattle and Marwari goats.

Development and conservation of Marwari goat (Revolving Fund Project).-Total 305 Marwari flock strength is there. Mostly bucks were sold on the age of 12 month of age. The rate of breeding bucks and goats were decided by the university committee that were Rs. 270/kg live body weight. Total 53 males and 100 females were sold during this year. Total Income Generated in 2023-24 was Rs. 8,59,854/-

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5. Livestock Research Station Nohar

Rathi is is an integral part of natural heritage, culture & ecosystem of North Rajasthan which has better adaptability to harsh climate, diseases, heat stress, ticks infestation and utilization of locally available poor quality roughage. The main objective of the project is Evaluation, Improvement and Conservation of Rathi cattle germplasm. The herd strength for the year under report was 247 out of which 196 were females and 51 were males of different age group. The highest wet average 7.5 lit was recorded in the month of April-2023 and lowest 5.5 lit in the month of January 24. The overall wet average was 6.42 and herd average was 3.39 lit. The income generated in the project during 2023-24 was Rs. 84.49 (lacs).



The Total milk production with Colostrum during the year was 43.52 lakh Kg. Average Peak Yield was 13.83 kg. The income generated in the project during the year under report was 84.89 lacs. Milk production per lactation of Average Cows was 2155.50 (kg). The improved Germplasm (27Bulls) were distributed to the Gaushala, Grampanchayats, NGOs and other development agencies. AHDP institute has been started since 1" November 2011. The Twelth batch consists of 46 students in First year and 47 students in Second year of the two year diploma Programme.

6. Livestock Research Station Dag, Jhalawar (Malvi Breed)

Livestock Research Station, Dag, Jhalawar was established in the year 2015. The project was started by purchasing of 114 Malvi Cattle from native tract of Malvi i.e. in the border area of MP and Rajasthan. The main objective of the project is to establish a herd performing Malvi cows to act as open nucleus farm of this breed and its conservation to strengthen Heritage gene bank of the State.

The Malvi cattle herd strength for the year under report was 625 out of which 439 were females and 186 were males of different age group. Average Cows in milk were 60 and total milk production was 52106.90 kg in 2023-24. The overall wet average was 2.48kg and herd average was 1.25 kg. Total Revenue Generated from the farm through sale of milk, animals, fodder,

seed grains, waste wood, AHDP College, Hostel Fees and Farm produces etc. was Rs. 53,61,959.00. Total 31 Male germplasm were distributed during 2022-2023. Total 25 hectare agriculture land was utilized for seed and Fodder production.

7. Livestock Research Station Bojunda (Sirohi Goat)

Livestock Research Station, Bojunda, Chittorgarh was established for Sirohi breed of goat for conservation and improvement of the breed through improved bucks distributed to goat breeders. Fodder and crop production is currently undertaken at the station for feeding of livestock and income generation of the station. The Flock Statics for the year under report was 241 out of which 230 were females and 11 were males of different age group. Goat Milk Production in reporting year was 2691Lit, and income generated through sale of milk was Rs.59207.00. In reporting year 74 Breeding Bucks and 35 Does were sold. Total 98 students were admitted in I Year AHDP programme. There is facility for library (344 books) and news papers for students. Total Revenue generated was Rs.72.29966 (lacs). Total 938 Farmers visited during 2023-24. One student of LPM carried her part of research on farm.

Activities running under LRS Bojunda:

- Animal Husbandry Diploma Programme
- Income generation through Farming activities at LRS Bojunda(Revolving Fund Project)

8. Livestock Research Station Vallabhnagar (Gir Breed)

Livestock Research Station Vallabhnagarwas established to conserve indigenous germplasm of Gir cattle available in various parts of Rajasthan and its dissemination for breed improvement. Gir is a world-renowned breed known for its tolerance to stress conditions. Having faced scarcity for a numbers of years, it has the capacity of yielding more milk with less feeding and is resistant to various tropical diseases.

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Projects running under this centre are:

- Gir Cattle Breeding Farm
- AICRP on Goat Improvement (ICAR).
- Network project on buffalo improvement (ICAR)

Revolving Fund Scheme

The herd strength for the year under report was 142 out of which 95 were females and 47 were males of different age group. The overall wet average was 6.3kg and herd average was 3.9 kg was recorded during the reporting year. The Total milk production during the year was 70819.0 kg. Maximum Peak Yield was 16 kg whereas Average Peak Yield was 10 kg. Maximum Lactation Yield was 3506.5 kg and Average Lactation Yield was1851.0 kg in 2023-24.Cross bred cattle unit is also being



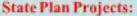
maintained at farm in which 19 are females and 4 are males. Maximum Peak Yield for Cross bred cattle unit was 18kg.

The income generated in the project during the year under report was 52.16 lacs.

9. Livestock Research Station Dholpur (Sirohi Goat)

Livestock Research Station Dholpur was established as Goat Breeding Farm for Demonstration and Dissemination of Remunerative Goat Farming System as Multipurpose Goat Development Centre (MGDC). The main objective of the project is Breed improvement in goat for the milk and meat purpose and Conservation of indigenous breed of goats. The herd strength for the year under report was 149 out of which 102 were females and 47 were males of different age group. The goat milk production during 2023-24 was 1772.83 lit. Total 26 Breeding Bucks Sold to Farmers for improvement of their indigenous goat breeds. Organic Certification of Farm Livestock, Livestock Products and Farm vegetation (Agricultural Products) done by Authority of Organic Certification, Rajasthan State Organic Certification Agency (RSOCA), Pant Krishi Bhawan, Jaipur. Water bodies of Goat Farm Campus made deeper enough through MNREGA for increasing the capacity of rain water harvesting as scarcity of water at land of LRS.





1. Apex Centre for Animal Disease Investigation, Monitoring and Surveillance, CVAS, Bikaner

The work carried out by Apex Centre during 2023-24 has been distributed under the various subheads. Six disease outbreaks reported to Apex Centre in poultry, goats, horse and cattle were attended by Apex Centre team.

Disease Outbreaks Attended

S.No.	Date	Place	Species affected	No. of deaths	Diagnosis
1	14-Apr-23	Pokaran, Jaiselmer	Goat	60	PPR
2	28-Apr-23	LRS, CVAS, Bikaner	Cattle	Nil	Lumpy Skin Disease
3	13-Jun-23	LRS, CVAS, Bikaner	Cattle	3	Black quarter
4	28-Aug-23	Block chhabada, District Baran	Cattle	22	Ephemeral fever with pneumonia
5	05-Feb-24	Village Edawa, Tehsil Degana, Village Achhena, Tehsil Kheenwsar, Distt. Nagaur, Rajasthan.	Sheep	366	Pneumonic pasteurellosis
6	28-Feb-24	Munsari in Tehsil Bhadra, District Hanumangarh	Cattle, Buffalo & Sheep	175	HS
7	01-Mar-24	Sindhipura, Bap, village Jilani Nagar, Haji Jamal Khan Ki Dhani, Nancoo	Sheep	310	HS and CCPP

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Various clinical and morbid samples were collected from different hospitals of Department of Animal Husbandry, and private owners and were processed in the Apex Centre laboratory to determine the etiology of the ailment, to confirm the disease, to suggest suitable treatment or preventive measures etc. The Centre is providing telephonic consultancies extensively to field vets and paravets as and when it is required.

Work Done at A Glance	No.
Samples Analysed in laboratory	
Bacterial infections including Culture and antibiotic sensitivity (Blood, Milk, Urine, Pus, Faeces, Impression smear, Swab, Aspiratory fluid)	85
Blood	58
Facces	18
Urine microscopy and biochemical examination	18 75 17
Brucellosis testing animals	
Brucellosis testing human	4
Sero-surveillance for theileriosis	202
Total samples analysed	459
Outbreaks attended in field	7
Three days Training programme on "Diagnosis of Diseases of Livestock and Poultry"	1
Teaching work AHDP (II nd Year) - Hospital Practice (0+6)	
Monthly Disease forecast bulletin	12
Other Publications	2
Consultancy to various vets	



A Three Days Training for field veterinarians on "Diagnosis of Diseases of Livestock and Poultry" From 11-13 March 2024 was organised by the centre to train the participants on various advanced laboratory techniques to diagnose the diseases in animals. A total of 24 field veterinarians from 4 different districts (Sri Ganganagar, Hanumangarh, Churu and Bikaner) of Rajasthan participated with an aim to make them acquaint with advances in emerging animal diseases and recently developed diagnostic techniques.

Twelve monthly disease forecast bulletins were prepared by centre.

2. Animal Bio Medical Waste Disposal Technology Centre, CVAS, Bikaner

The Animal Bio Medical Waste Disposal Technology Centre (ABMWDTC), RAJUVAS, Bikaner was established to create awareness among health professionals and public for safe disposal of animal bio-medical waste. Animal Bio Medical Waste Disposal Technology Centre organized 04 Training programmes on 14⁶ December 2023, 22rd December 2023, 01" March 2024 and 02rd March 2024 for Live Stock Assistants of Bikaner Division Ganganagar, and Hanumangarh Districts, Department of Animal Husbandry, Govt. of Rajasthan of Bikaner and M.V.Sc. & Ph.D. students of College of Veterinary & Animal Science, Bikaner, respectively. Total 123 persons were

trained during this training. Awareness campaigns about Biomedical Waste and its management was organised for students of the schools. Approximately 360 students from different schools of Bikaner were sensitized by distributing posters, pamphlets and delivering lectures every month. Prepared a Pamphlet on "Treatment and Safe Disposal of Biomedical Waste". Research work on Molecular Characterization of Methicillin Resistant *Staphylococcus Aureus* Isolated from Bio Medical Waste by a post graduate student has been completed and thesis is submitted for approval.

3. Centre for Organic Animal Product Technology, CVAS, Bikaner

The centre is proposed with mandate to develop knowledge centre to impart, disseminate and promote organic animal products husbandry in the state and to encourage and carry out research in identified areas for promotion of organic livestock production and processing. In recent years organic farming is emerging and demand for organic animal products is high. Very less organic animal products such as milk and meat are available and are not getting proper market value. This centre will work as knowledge centre on latest technology in this field and promote the organic livestock production and processing. One On-Campus training was organized from 2-3 February 2024 in which 34 Farmers participated. At collaborative units of COAPT, PGIVER

Jaipur four earn while learn training programmes on value addition of milk and milk products for students were organized while CVAS, Navania, Udaipur Conducted training on preparation of organic milk products for students to create the awareness about the production of organic milk and milk product. Farmers of state regularly advised and promoted for organic animal production by RAJUVAS helpline services, Mobile advisory services, SMS services and Whats App services.

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4. Centre for Ethno Veterinary Practice and Alternative Medicines, CVAS, Bikaner

The main objective of the centre is to derive information on ethno-veterinary practice and alternative medicine and development of protocol for their use in veterinary and animal science to support health and production and to make livestock rearing economical. The centre has developed research based herbal products like herbal soap, hand wash, hand sanitizer, liquid supplement beneficial in improving digestion, herbal powder against impaction, herbal powder helpful in mastitis, herbal anti-diarrheal bolus etc.

The center is continuously engaged in the collection of literature and information regarding ethno-veterinary practices from experienced field persons to develop the ethno-veterinary practice database. The centre has done screening of several plant extracts with therapeutic efficacy. Screening of antiviral, herbal, and FDA-approved



drugs, targeting RNA polymerase 30 (RPO30) of Lumpy Skin Disease virus (LSDV) was conducted. Virtual molecular docking studies of antiviral drugs, herbal drugs, and FDA-approved drugs, were performed. Herbal crude drugs possess many bioactive principles and therapeutic efficacy in treating cardiovascular diseases. Some of these bioactive principles are available as pure chemicals viz. Quercetin, naringin, Biochanin-A, and Genistein. The functional studies *in vitro* of quercetin and naringin also found to be providing vasorelaxation in pulmonary artery of goat, ameliorating toxic effect of Lead (Pb) and Cadmium (Cd), respectively.

Four patents have been filed from the centre

S.No.	Application No.	Title	Inventor(s)	Status
1	2.02211E+11	A synergistic herbal composition for preventing and treating mastitis in animals.	Singh, A.P. and Kachhawa, J.P.	Published (08.09.2023) Requested for Examination (16.12.2023). First Examination report awaited.
2	2.02211E+11	Polyherbal formulation against ectoparasite infestation for veterinary use	Singh, A.P. and Kumar, Kuldeep	Published (15.03.2024) Requested for Examination (15.04.2024). First Examination report awaited.
3	2.02211E+11	An aqueous polyherbal formulation against ectoparasite infestation for veterinary use.	Singh, A.P. and Kumar, K.	Published (22.03.2024) Requested for Examination (15.04.2024). First Examination report awaited.
4	2.02211E+11	An anti-diarrhoeal polyherbal formulation for veterinary use	Singh, A.P. Dewal, V.S., and Gaur, A.	Published (29.03.2024) Requested for Examination (15.04.2024). First Examination report awaited.

The technology to prepare "herbal powder for mastitis" was transferred to M/s Girraj Industries, Firozabad (U.P.) vide an agreement between the firm and the university on 29" July 2022

5. Livestock Feed Resource Management and Technology Centre, CVAS, Bikaner

As per the mandate of the project, work was taken up objectively in terms of identification of non-conventional feed resources (NCFR) and exploration of their utilization in animal system. LFRMTC conducted farm demonstration of fodder species in a forage garden at own field. A total of 208 samples of Post Graduate students, cattle feed ingredients, cattle and poultry feed were analysed. Total 312196.54 Kg Cattle feed was manufactured at Cattle Feed plant installed at LRS Bikaner during the year 2023-24 and provided to the various units of RAJUVAS. Total 61425.35 Kg feed for various categories of poultry i.e Broiler Starter, Broiler finisher, chick mesh feed, Fortified Poultry grower, Poultry Layer and Poultry breeder feed was manufactured at Cattle Feed plant installed at LRS Bikaner and provided to Poultry Farm, CVAS, RAJUVAS, Bikaner.

Production of RAJUVAS Immuno booster: In the scenario of Lumpy Skin Disease pandemic in India, this centre has taken up the

responsibility and developed RAJUVAS Immuno Booster which proved to be effective solution for LSD affected cattle. The formula has also been under the process of grant of patent. Total 246.25 kg of RAJUVAS Immuno booster was provided to Livestock Research stations of the RAJUVAS and other stake holders. Total 17928.11 Kg mineral mixture was manufactured at Mineral Mixture plant installed at LRS Bikaner during the year 2023-24 and provided to Livestock Research stations of the RAJUVAS and other stake holders. This centre is providing Technical input and feed formulation to all LRS of university as and when required. As an extension output of the centre, quarterly Hindi bulletin "Pashu Aahar Evam Chara Bulletin" is released for the farmers, which provides vital information and package of practices to the farmers.





6. Engineering and Technology Centre for Animal Science, CVAS, Bikaner

The main aim of establishing engineering and technology centre is to utilize the importance of engineering and technology in the field of veterinary and animal sciences. This Department also provide indirect support to all other departments mainly in the field of civil and mechanical work for adoption of latest technologies available.

This centre has developed a new prototype of steel made phantom box which is being used in the Gynecology department. The Engineering and technology centre has developed a new prototype of Vaginoscope for cattle in the workshop; that could be useful for students in learning the insemination of technique in cattle. It has also developed snake catcher and snake hook, External skeletal fixation for cattle, Prototype Animal Travis's and performed various tests related to civil works. Workshop practical's for



students of CDST Bikaner are conducted in the ETCAS regularly.

7. Centre for Excellence for Use of Space-based Technology in Animal Science, CVAS, Bikaner

Centre for Excellence for Use of Space-Based Technology in Animal Science, RAJUVAS is a Network Centre of IIRS-ISRO. IIRS mission is to provide the Nation Space based services and to develop the technologies to achieve the same independently. RAJUVAS Geo Portal is prepared under Centre for Excellence for use of Space Based Technology in Animal Science, RAJUVAS, Bikaner (advanced research centre) for research and development in the field of Veterinary Science, of which data has been shifted on website. It is an initiative to make a platform for better transfer of technology and services to farmers through geo tagging and geo mapping of various segments of University. The GIS mapping of Constitutional Park, Gardens of RAJUVAS Bikaner and two Registered Gaushalas of Bikaner has been done. The Geo-tagging of Solar Plants located at CVAS Bikaner, PGIVER & CVAS Navania RAJUVAS, Wildlife Sanctuaries, National Parks and Tiger Reserves of Rajasthan has been done.

During reporting year the centre coordinated some online courses successfully viz. SAR Data Processing & its Application with Special Emphasis on RISAT-1A/EOS-4 (10-14 April, 2023), Course on Overview of Free and Open Source Software for Geospatial (24-28 April, 2023), Applications of machine learning in urban studies (5-9 June, 2023), –Geospatial Technology for Climate Smart Agriculture (1014 July, 2023), Geospatial Technology for Archaeological studies and Satellite meteorology applications in weather and climate studies (7-11 August, 2023), Exploring Earth's Moon through Chandrayaan and Geospatial Analysis using Google Earth Engine,



Advances in Remote Sensing Techniques for Geological Applications(March 11-15, 2024). The centre coordinated some online workshops. In addition to these one online workshop were also coordinated.

8. Centre for Conservation of Animal Biodiversity, CVAS, Bikaner

This centre was proposed with mandate to document, conserve and propagate Animal Biodiversity in the state of Rajasthan. Centre has conducted 4 health care camps regarding Conservation of Animal Biodiversity in the Rajasthan state with the knowledge of

seasonal diseases. A total 85 farmers participated. Total 558 students from 8 schools were educated about biodiversity, its significance, and how we can conserve it in reporting year. On World Biodiversity Day, 22 May 2023, in Gadhwala village (Adopted village), a biodiversity awareness program was conducted for framers, students and local people. A Radio talk was done in All India Radio (Parsar Bharti), Mount Abu, Sirohi on 12May 2023. Two popular articles were published in Pashupalan Naye Aayam (DEE,RAJUVAS, Bikaner) in July 2023 and February 2024. An Atlas on animal biodiversity of Rajasthan has been designed with the objective to familiarize different livestock breeds and importance of biodiversity and its conservation.





9. Centre for Studies on Wildlife Management and Health, CVAS, Bikaner

The centre was established to work as knowledge centre for wildlife protection and propagation and to design strategies for protection of endangered species of wildlife. The centre has extended its technical support to the wildlife department in organization of animal camps near wildlife conservation areas to treat infectious and non-infectious diseases in livestock and to educate the farmers/villagers about care, protection and welfare of wildlife. The centre is also continuously monitoring the migration patterns of native wild birds to and from Jorbeer Conservation Reserve, Bikaner in relation to the environmental factors influencing it.

The centre is also helping in rescue and treatment of sick and critically injured wild animals and birds. Consultancy to personnel engaged in wildlife activities is being provided as and when needed. The centre has been involved in treating disease outbreaks in wild animals and birds which were brought to the VCC of CVAS Bikaner. Internship trainings of total 71 Internees from six batches were conducted by centre during 2023-24 on various aspects of zoo and wildlife care and management. During training the students visited to zoo to learn about care, management, feeding and treatment of captive animals and birds. They also visited to Jorbeer conservation reserve, Bikaner which is a natural habitat for wild migratory and native birds of various species. For first year students, the center conducted 5 days practical classes on unit-"Zoo animals production management". The centre provides facilities to PG and Ph.D Scholars of various departments to carry out their research work.

From April 2023 to March 2024, the population and kind of numerous wild bird species were documented. During the reporting period 14 different kinds of wild native birds viz. Egyptian vulture, Cattle egret, House crow, Black Ibis, Imperial eagle, Long-legged buzzard, Punjab raven, Indian roller, Lagger falcon, Black-headed Ibis, Black-winged kite, Eurasian thick-knee, Common Kestrel and A Cuckoo were seen in the reserve.

S.No.	Name of bird	Maximum population recorded at JCRB (2021-22)	Maximum population recorded at JCRB (2022-23)	Maximum population recorded at JCRB (2023-24)	Most favourable month
L	Egyptian vulture	2200	2250	1600	January
2.	House crow	1000	1100	710	May
3.	Cattle egret	390	391	150	April
4.	Black Ibis	350	400	180	May
5.	Eurasian thick-knee	30	30	30	January
6.	Lagger falcon	25	25	13	November
7.	Punjab raven	17	20	20	November
8.	Imperial eagle	12	12	12	December
9.	Tawny Eagle	12	10	5	February
10.	Long-legged buzzard	11	11	7	August
11.	Indian roller	08	10	2	February
12.	Long billed vulture	06			
13.	Booted cagle	02	2	-	
14.	White-rumped vulture	01			-
15.	Black-winged kite	01	4	2	June
16.	Common Kestrel	01	3	E	August
17.	A Cuckoo	01	4	2	November

The graphical representation of population of these birds with respect to month are as follows.

Centre for Studies Wildlife Management & Health (Sub-Centre) Navania, Vallabhnagar, Udaipur (Raj.) conducted survey on wildlife hazard management and risk assessment at Maharana Pratap Airport, Dabok, Udaipur (Rajasthan). This survey report presents the findings of the Wildlife Hazard Management and Risk Assessment conducted during Phase II (monsoon) from 13/10/2023 to 16/10/2023.Two articles were published by PI. The staff with students participated in various events viz,training workshop on Wildlife Forensics Organized by ZSI Kolkata during May 16-17, 2023, avian biodiversity assessment on the occasion of Big Bird Day (March 10, 2024) and World



Wildlife Day (March 3, 2024): Organized by Rajasthan Forest Department Udaipur and WWF-India Udaipur Division.

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10. Vaccinology & Biological Product Research Centre, CVAS, Bikaner

The centre was established for Maintenance and updating of bacterial type cultures for Veterinary Biological, Development of newer vaccine alternates, Development of biological products, Evaluation of good manufacturing practices and training of personal engaged in production of Veterinary Biological.

During 2023-24 two complete specifications (patents) are in examination. One of which is entitled "Novel primer sets for amplification of BLG gene, DNA based kit and method for detection of BLG gene" envisages the novel primers for LAMP can be used in detection of adulteration of cattle milk in camel milk. The other entitled "Novel primer sets, rapid test kit for detecting point mutation in booroola fecundity gene and method thereof" is focused on identification of uniparous and multiparous sheep animals.



An attempt has been made to repurpose drugs using Artificial Intelligence and Machine Learning tools available. The investigation included virtual screening of 6358 drugs to obtain 18 drugs from 3 drug databases. The databases under investigation were FDA approved drugs, Natural drug databases and anti-viral drug databases following Lipinski rule.

Peptide-based vaccines has been designed for Lumpy Skin Disease and Canine Parvoviral disease viruses using artificial intelligence and machine learning tools. Total 71 Internees were trained at Vaccinology Centre on the topics related with types of vaccines, its production methods and uses.

11. Centre for Disaster Management Technology for Animals

The centre was established to develop the centre as vision to be recognized as a vibrant centre of excellence for knowledge and capacity building on disaster management.

S. No.	Place of Training	Day and Date	Participated
I.	In-Campus disaster management awareness Training camps	15 th February 2024	44 NSSCadets from Govt. Maharani Senior Secondary School, Bikaner.
2.	Off-Campus disaster management awareness Training camps in adopted village Gadhwala	12 th May 2023.	22 farmers & livestock owners
3.	An awareness Training camps in adopted village Gadhwala	5 th June 2023	42 farmers & livestock owners
4.	One camp at village Girajsar (Panchayat), Kulayat Tehsil, Bikaner	19 th March 2024	46 farmers & livestock owners
5.	One camp at village Sambhuka Burj (Panchayat), Kolayat Tehsil, Bikaner	20th March 2024	58 farmers & livestock owners
6,	One camp at village Hirai kiDhani, Kolayat Tehsil, Bikan er	21* March 2024	37 animal owners.
7.	One camp at village Gariyala (Panchayat), Kolayat Tehsil, Bikaner	22** March 2024	42 animal owners.
8.	One camp at at village Nagrasar (Panchayat), Kolayat Tehsil, Bikaner	23 rd March 2024	54 animal owners.

The faculty of centre has actively participated in online faculty development programmes. About 14 Research articles has been published in NAAS rated and UGC-Care List Group – I&II Journals during reporting year. Total numbers of 9 livestock of heat stroke and burn cases were treated in Disaster Management air condition ward of this centre in 2023-2024. Air Conditioned Wards for Heat Stroke and Burn Cases were developed at Centre and a Fire-Proof Cattle Shed was developed to prevent fire Incidents in the dairy animals.



RKVY Projects:

1. Centre for Diagnosis, Surveillance & Response of Zoonotic Diseases, PGIVER, Jaipur

As per the mandate of the project different districts of Rajasthan were covered for the study of prevalence of zoonotic diseases Jaipur, Dausa, Sawai-Madhopur, Karoli, Dholpur, Alwar, Sikar, Kota, Jodhpur, Ganganagar, Sirohi, Bharatpur, Churu, Dungarpur, Tonk, Ajmer, Nagaur, Chittorhgarh, Bikaner, Jaislmer etc.

A research article entitles 'Brucellosis Surveillance using Serological and Molecular Diagnosis in Livestock Species of Rajasthan, India' was published in Frontiers in Veterinary Science, July 2023, NAAS Rating 9.20. Three more articles were published in NAAS rated journals. Research work done on the surveillance of zoonotic diseases among the livestock owners and on tuberculosis surveillance and data is under publication process. Total 5 P. G/Ph.D. students from different departments of PGIVER, Jaipur is did a part of their research work in centre.

A 21 days ICAR sponsored Winter school – 'One Health Approach to Combat AMR, Zoonoses and Food Safety' was successfully organized during 1° December 2023- 21" December 2023. On National Youth Day an educational seminar was organized for post graduate students on *Cutaneous Leishmaniasis* diseases diagnosis, prevention and its control. Awareness seminars were organized on the occasion of 'World Zoonoses Day'.



Visit of dignitaries :Many dignitaries visited the project activities viz. Dr. Niteen V. Patil, Hon'ble Vice-Chancellor, MAFSU, Nagpur, Prof. AC Varshney, former Vice-Chancellor, DUVASU, Mathura and Dr. Minakshi Prasad, Scientist-E, NRCE, Hisar along with Dr. S. K. Garg, Hon'ble Vice-Chancellor, RAJUVAS, Bikaner, Sh. Vikas Sitaram ji Bhale, IAS, Principal Secretary, Department of Animal Husbandry, Govt. of Rajasthan, Dr. Acty Gerorge, Technical officer- Epidemiology and zoonoses FAO, India, Mr. Roshan Puranik, Forestry and Biodiversity Advisor, Govt of India and Dr. Shivasharanappa Nayakvadi, Senior Scientist, ICAR-NIVEDI, Bengaluru, Dr. Naveen Kumar, Director, ICMR-NIV, Pune, Dr. A. Sahoo, Director, ICAR-NRCC, Bikaner, Dr. Yashpal, Director, ICAR-NRCE, Hisar.



2. Capacity Building of Secretaries of the Milk societies and laboratory Personnel of Rajasthan Cooperative Dairy Federation (RCDF) for Clean Milk production, Milk Quality and Safety

Training was imparted to the secretaries of the milk societies and laboratory Personnel of Rajasthan Cooperative Dairy Federation (RCDF) for Clean Milk Production, Milk Quality and Safety. Total 12 training programmes of two days were organized at Centre of Excellence, Milk Quality and safety (AMTRL), PGIVER, Mansrowar campus. Total numbers of registered trainees benefited so far were 40 in the financial year 2023-24. In training programme the trainees were taught about Scenario of Milk Industry with respect to Clean & Hygienic Milk Production, Milk Adulteration: Methods of detection, Causes and Consequences, Milk Safety & Regulations, Good manufacturing practices and value addition in dairy sector, Pesticide and Antibiotic residues in milk: Problems & Remedies, Beneficial and



Harmful microbes in milk, Impact of General Health on Quantity and Quality of Milk, Effect of Balance feeding on milk quality, Adulteration detection in milk through colour based method from adulteration detection solutions.

3. Establishment of Poultry Germplasm Multiplication Unit for Indigenous Poultry

Civil works for establishment of germplasm multiplication unit completed. The demonstration and knowledge dissemination of germplasm multiplication unit was done for indigenous poultry to farmers, internship trainee, students, under graduate and post graduate students. Income generated from sale of chicks, eggs, surplus birds was Rs. 91,853.00.

4. Establishment of Biosafety level 3 (BSL-3) facility for diagnosis of emerging Zoonotic disease

The key to this kind of project's success is a strong institutional commitment to Biosafety norms, adequate fund availability, careful planning and designing, hiring a good construction agency, monitoring by an experienced consultancy agency, and scientific and engineering involvement personnel with bio-containment experience in the process.

Construction site selection and risk assessment of the area for the creation of BSL-3 lab has been completed. The contractor and different dignitaries, scientist have visited the area and approved the site for construction. Contacted with different firms (Biosafe, Biooxia, Febtech and NIV Pune etc) to get idea for the development of laboratory. Turnkey tender of 2.15 Cr. for BSL-3 construction was floated in financial year 2023-24 due to code of conduct of elections and technical issues, tender was not finalized.

5. RKVY project for "Farmers Training and Hostel Facility

To make effective farmers scientists' interaction and efficient dissemination of technologies developed by Rajasthan University of Veterinary and Animal Sciences, Bikaner, on campus trainings will be organized at this centre. It will be a facility center having lodging facility for the farmers and livestock owners which will assist in efficient dissemination of technologies generated and making them aware of various Government schemes. This will help access to the research & demonstration units to get hands on information on technologies by farmers. Presently construction of Farmers Training and Hostel Facility is completed and inaugural function was held on 27.02.2024.

ICAR Projects:

1. AICRP on Genetic Improvement of Marwari Goats in Farmers' Flocks at CVAS, Bikaner, CVAS, Bikaner

A field unit of Marwari goat is functioning as a part of AICRP goat improvement project at RAJUVAS, Bikaner Rajasthan to improve the production performance of Marwari goat in the farmer's flock. Selection is the main tool used for this purpose. Today, in the breeding tract of Marwari goat six clusters are maintained at Deshnok, Daiya, Kalayansar, Raisar, Kan Singh Ki Sird and Jaimalsar. A Buck Rearing Centre is also functioning at Livestock Research Station, Kodemdesar (RAJUVAS, Bikaner) for rearing of elite breeding bucks. These elite bucks are distributed to the farmers. The unit is maintaining six Cluster/centers having 1767



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breedable does under the coverage. Awareness program, gosth is meeting and training programmes were conducted. The staff of project attended one training, 21 Days national training-cum-workshop program and one sex-week online course organized agMOOCs. 20 young elite buck of Marwari breed have been disseminated to goat keepers during the financial year in addition to rotation of bucks with in cluster. The mortality was reduced up to 1.18 % in the registered flocks. Capacity building of 146 farmers in goat rearing has been carried out. A total of 33998 goats were covered under health coverage which included both prophylactics (83.53 %) and curative ((16.47%) measures during this financial year.

Following technical programme and activities were carried out during the year 2023-24 were as follows:

Particulars	Target	Achievement
Breedable does covered	1500	1767
Distribution of bucks	20	20
Introduction of Oestrus Synchronization and AI	-	-
Identification and performance recording of progeny	1400	1890

2. AICRP on Genetic Improvement of Sirohi Goats in Farmers' Flocks at LRS, Vallabhnagar, Udaipur

On-going AICRP on goat improvement (Sirohi field unit) came in to financial existence with the objective to bring about the improvement in the farmers flock. The data on growth, lactation and reproductive performance of Sirohi goats under field conditions have been recorded and analyzed. The closing balance of the registered flock was 2827 animals including 1718 adult females. During report period, 1466 kids were born out of which 766 were males. Total 643 males and 728 females were sold out of which maximum 122 males were sold from adult age group.

Under the project Five clusters are maintain having 1718 adult females. During report period 6190 animals were dewormed, and 8222 treated to control ecto-parasite. Further, 2524, 1483

animals were vaccinated for ET, PPR, respectively. The overall mortality was 3.37%. During report period 6190 animals were dewormed, and 8222 treated to control ecto-parasite. Further, 2524, 1483 animals were vaccinated for ET, PPR, respectively. The overall mortality was 3.37%. Total 49 breeding backs were distributed to registered farmers during the report period for further genetic improvement in the field.

3. Network Project on Buffalo (Surti) Improvement at Livestock Research Station, Vallabhnagar, Udaipur

An elite herd of Surti buffalo with herd strength of 126 is being maintained at LRS with 86 females and 40 male animals. Revenue generated during the reporting year was (Rs.): 21,25,087. Average production performance of Buffaloes in terms of Av. Lact. Yield (kg) was 89.02 ± 57.84,Av. Lact. Length (days) 364.37 ± 9.61 and Av. Peak yield was 8.18 ± 1.17during 2023-24. Total Milk Production during reporting year was 32645.90 kg. Average Milk fat content was 6.83 from April 2023 to March 2024.

Six Set of bulls completely evaluated with 13,688 doses of Proven Surti Bulls. Test mating from IX set completed. Test mating of X set underway. Training of bulls for XI set started. The supply of high pedigreed test bulls as well as semen of test bulls and progeny tested bulls has helped in improving the scenario of Dairy Farming in the region.

4. Mega Sheep Seed Project (Sonadi) at Livestock Research Station, Vallabhnagar, Udaipur

Mega Sheep Seed Project aims at improvement of indigenous breed through distribution of elite germ plasm in native tract selection for better growth and wool production in order to improve the Sonadi sheep for growth and wool production. A total of 64 free breeding rams were disseminated in field for breed improvement. In the farm 204 are male and 463 are females of Sonadi sheep in 2023-24.

The Mega Sheep Seed Project (MSSP) on Sonadi is proving to be a boon for sheep farmers in Rajasthan. The presence of elite rams in farmers' flocks is improving growth, wool quality, and reproductive performance, directly increasing their income. Keeping the distributed rams from MSSP not only causes genetic improvement but also makes the farmers beneficiaries of free health services such as vaccination, deworming, and treatment, provided as incentives by MSSP, ultimately improving their economic condition. Over the last five years, a significant increase has been recorded in body weights and Average Daily Gains (ADGs). The distribution of feed and equipment by MSSP has also supported farmers in flourishing in sheep farming. Ear tagging and tattooing are performed regularly for farm and registered field animals. Registered farmers are educated about the benefits offered by MSSP



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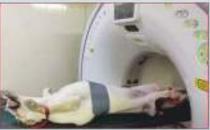




A one day training programme was organized at MSSP, CVAS, Navania with 54 registered farmers from TSP and Non-TSP areas including 50 SC farmers from project areas. The number of registered farmers in the TSP region has had a 13% growth, while the total project area has seen an 8% increase in breedable ewes compared to the previous year. Remarkable improvement was reported in most of the reproduction traits like weight at first lambing and service similarly age at first successful service etc. from previous years. In 2023-24, a sum of total Rs.1,21,600.00/- revenue was generated through sale of manure, culling of animals. Distribution of Saras Gold cattle feed, Tirpal, Water loft tank, Iron feeder, Medicines, Water bottle, Tiffin, and carry bags was done to registered farmers in reporting year. Vaccination of 3,859 sheep, dosing for 4,385, and treatment for 2,652 animals conducted during the period.

5. All India Network Programme on Diagnostic Imaging and Management of Surgical Affections in Animals at CVAS, Bikaner.

Orthopaedic affections in 221 small animals, 403 large animals, 27 wild/zoo animals and birds were treated by internal fixation technique like SOP plating, elastic nailing, Intramedullary Pinning, Bone Plating, Interlocking Nailing and external fixation techniques like Splints, circular ESF, and linear ESF etc. Cases of spinal injury in 15 canines were managed by rehabilitation by Dog Cart and 28 downer large animals by orthopaedic rehabilitation with slings and "Downer Animal Bay". Minimum invasive surgery (Ovariectomy/ Ovariohysterectomy) using Laparoscopy was done in 22 canines and 5 felines. Minimum invasive soft tissue surgery by diode LASER in canines was done for various surgical affections in 59 cases. Minimum invasive soft tissue surgery by CO. LASER in canines was done for various surgical affections in 62 cases. Computed Tomography (CT scan) examination was performed in 51 clinical cases in dogs and cats affected with various disorders involving Head, neck thorax, spine and appendicular skeleton. Ophthalmic affections were recorded and treated in 172 small and 85 large animals for various ailments of eye. Cataract surgery was performed in 15 cases using Phacoemulsification and extra capsular lens extraction technique. Electroretinography (ERG) was done in 11 canine cases of cataract, corneal ulcers, and opacities. Five Doctoral research and 12 M.V.Sc. research has been done and 25 Research Articles were published under AINP on DIMSCA





during 2023-24. A book authored by Dr. S. K. Jhirwal on "CATARACT SURGERY IN DOGS" was released on auspicious occasion of 14th foundation day of RAJUVAS. Link of the book: https://www.nipabooks.com/.../cataract-surgery-in-dogs.

Revolving Fund Project

1. Green Fodder & Seed Production at Livestock Research Station, Beechwal, Bikaner

The crops (cash and fodder) were cultivated as per requirement for the purpose of feed and fodder for animals of the station and other units of the University and revenue generation. Recently Sewan and Napier grasses (prepared at nursery of LFRMTC) has also introduced at LRS, Beechwal for animals under revolving fund. This station has shown its capabilities to produce seed of crops useful for livestock feed and fodder besides earning of handsome revenue. Seed and Grain production during financial year 2022-23 is as under.

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S. No	Particulars Green fodder		Production (Qfl.)
			6728.31 (2112.89 Qtl. sold tom LRS Bikaner)
	Groundnut Fodder		304.35
	Dry Fodder	Wheat straw	174.8
- 4		Gram/Moong/Guar Fodder	45.40+8.00+97.59=150.99
		Total Dry Fodder	630.14
3	Groundnut		88.5
4	Wheat Grain		67.4
5	Gram		10.5

2. Sirohi Goat Breeding Project at Livestock Research Station, Beechwal, Bikaner

A Sirohi goat unit was started to strengthen the livestock activity with the objective to develop as a model Sirohi goat breeding farm for demonstration of farmers. The flock strength at the beginning for the year was 270 and at the end it was 175. Vaccination against ET, PPR and FMD is done at a regular interval. Deworming of the flock is done regularly to control internal parasites. A total of 70 goats (15 Bucks and 55 Doe) were sold to KVK Nohar, CSWRI, Bikaner and progressive farmers on book value during 20223-24.



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3. Preservation and articulation of bones of different species of animals to enhance the teaching quality of Veterinary Anatomy at CVAS, Navania, Udaipur

The Project was sanctioned for Preservation & Articulation of Bones of different species of animals to enhance the teaching quality of veterinary anatomy.



4. Preparation and Supply of ORS for Calves at CVAS, Navania, Udaipur

The Project-Preparation & supply of ORS for animals to correct the dehydration, loss of energy and electrolyte imbalance in animals affected with various diseases has been completed. Complete payment of Fund received from the university has been made. Availability of ORS for animals to correct the dehydration, loss of energy and electrolyte imbalance in animals affected with various diseases is done by use of ORS.

5. Pilot Project on Alternate Energy Generation through Biogas based Electricity Production at CVAS, Navania, Udaipur.

Biogas and electricity production-Cooking gas supply to College departments and girls hostel- with kind cooperation and permission of Dean CVAS Navania and this has been started. Electricity to four department of the college and hostel have been started.

Bio-fertilizer -Enriched vermi-compost with Earthworm gut microbe has been developed and is being marketed with name of Mridaamrit. Mridaamrit liquid fertilizer has been developed and is being marketed with name of Mridaamrit liquid. Research on earthworm gut Micro flora as source of antibiotic is being conducted. A total of 11 exposure trainings of farmers on vermi- compost production, Azzola production were

conducted in which 1260 farmers benefited and one orientation on proper animal waste management was given during the financial year 2023-24. One patent filled on Bio-waste decomposer. Research on earthworm gut Micro flora as source of antibiotic is being conducted. The revenue generated through project was 2.21 Lakh

A Pilot project on production of indigenous milk products at CVAS, Bikaner

The Project was sanctioned to encourage students for self-employment generation in processing and development of indigenous milk products and to explore entrepreneur skill among veterinary students. Different milk products like Paneer, Lassi, ghee, skimmed milk were prepared and sold. The sale of various milk products like Milk, paneer, ghee and skimmed milk was done during the year 2023-24 as under.

Revenue generation from the sale of various milk products like Milk, paneer, ghee and skimmed milk during the year 2023-24 was 62.60 lakh.

Product	Sale	
Milk	1,26,116.5 lit.	8
Paneer	150 pkt.	
Ghee	129.00 lit.	
Skimmed milk	6550.00 lit.	



7. Processing and marketing of Milk and Milk products at CVAS, Navania

The project was sanctioned by university to increase learning outcomes, employability, and entrepreneurship among the students. Till date the 100% amount returned to the university (i.e. 1,00,000/-). Revenue generation from the sale of various milk products like Milk, paneer, ghee and skimmed milk during the year 2023-24 was 2.21 lakh.

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8. Fodder and seed production through Revolving Fund at Livestock Research Station, Chandan, Jaisalmer.

Fodder Produced at farm was Rijka and Rijka Bajri as green fodder. The whole green fodder is being feed to Tharprakar cattle and Marwari goats.

Total Income & Expenditure during 2023-24

Fodder and Fodder Seed Production	Income	Expenditure
	351490.00	209443.00



9. Development and conservation of Marwari goat at Livestock Research Station, Chandan, Jaisalmer.

Mostly bucks were sold on the age of 12 month of age. The rate of breeding bucks and goats were decided by the university committee that were 270 Rs./kg live body weight. Total 53 males and 100 females were sold during this year. Total Flock Strength was 178 (Female Goat 145, Bucks 33) during reporting year. Total Income Generation in 2023-24 was Rs. 8,59,854. Fifteen breeding bucks having an average of 35 kg body weight were supplied different agencies in Barmer, Udaipur and Bikaner and jodhpur districts.

10. Income generation through Farming activities at Livestock Research Station, Bojunda, Chittorgarh

Fodder and seed production (Revolving Fund Project): The main objective of the project was to develop and utilize the land of station and generate income through farming activities such a fodder production, seed production Programme and growing of commercial crops. Revenue generated during 2023-24 was Rs.7.69997 Lakhs. A total of 1544.69 Qtl Green Fodder viz. Berseem, Lucerne, Sorghum, cowpea, methi, oat and green leaves were produced. About 745.9 Qtl Dry Fodder and 1524.57 Qtl grains and 1524.57 Qtl Green fodder was produced during 2023-24.

11. Revolving Fund Project for Cattle Feed and Mineral Mixture Plant (CFMMP)

As per the mandate of the project, work was taken up objectively in terms of creating awareness among farmers about feeding of cattle feed and mineral mixture to livestock and providing units of RAJUVAS and progressive farmers.

Centre has prepared total of 17928.11 Kg mineral mixture, 312196.54 Kg Cattle feed and 61425.35 Kg Poultry feed at cattle feed and mineral mixture plant established at LRS Bikaner in 2023-24. Undergraduate and post graduate students regularly visit for scientific cattle feed and mineral mixture production for skill development in the field of feed technology. Farmers regularly visits the plant. Total 246.25 kg of RAJUVAS Immuno booster was provided to Livestock Research stations of the RAJUVAS and other stake holders. Significant Achievement

One cow from LRS Chandan (cow no.953) was auctioned for Rs.2,00,000/- and one more cow from LRS Beechwal (cow no. TC-126) was auctioned for Rs. 2,81,500/-Dignitaries Visits:

- Dr. Rakesh Kumar Agarwal, former DDG Education, ICAR with Honorable Vice Chancellor Prof. (Dr.) Satish Kumar Garg, RAJUVAS, Bikaner at LRS Bikaner.
- > Dr. Manish Kumar Chatli, Director ICAR-CIRG at LRS Bikaner.
- Dr. N.S. Rathore, former DDG Education, ICAR and Dr. A. Sahoo, Director, NRCC, Bikaner.









Advance Research Centers, RAJUVAS



Livestock Research Stations, RAJUVAS



Rajasthan University of Veterinary and Animal Sciences, Bikaner

Extension Activities

प्रमधन निरुष समलाक

The extension activities of the university is carried out under Directorate of Extension Education. The main function of Directorate of Extension Education is to plan, coordinate, organize and guide the extension education programmes in the University and to ensure efficient working of the extension education activities. Under the aegis of Directorate of Extension Education, the work of the field extension is mainly carried out through University's colleges, Krishi Vighyan Kendra, Pashu Vigyan Kendras and centres sanctioned under State plan for the livestock, dairy, poultry and fish farmers. Faculty members from different departments of the constituent colleges of university contribute through participation in clinical camps, disease outbreak reporting and visits to departments and were involved as resource person for enhancing the quality deliverance to farmers during trainings and other activities.

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For strengthening the extension activities, various programmes are being implemented through projects sponsored from the agencies like ICAR, RKVY, ATMA and other government and non-government organizations.



Broad Objectives:

- To formulate and impart in-service training to different categories of officers and functionaries from line departments of Government of Rajasthan and Non-Government Organizations.
- To conduct short and long duration vocational trainings for farmers, farm women, youth and school dropouts of the State.
- To assess and refine the latest Animal Husbandry technologies through front-line demonstrations for their wider adoption.
- To provide farm information services through various extension activities including literature for quick dissemination of technology

Over View of Activities

- Trainings for the livestock farmers are conducted regularly by DEE, PVKs, KVK. And other training centres of RAJUVAS. Directorate Extension Education organized 1025 trainings (On Campus, Off Campus, MANAGE Hyderabad, Gopalan, ATMA etc.) during this year through different units. Total 26260 farmers were participated and benefited.
- Other extension activities like vichar gosthies, farmer's scientist interactions, awareness camps, animal treatment camps, field visits and feedback reviews were also conducted regularly. Total 9057 farmers participated and benefitted through 482 extension activities.
- Total 7 exhibitions were arranged during this year in State and National level fairs organized for the farmer's community.
- Radio Programme "Dhine Re Batyaa" for livestock farmers form 17 All India Radio Stations of Rajasthan is broadcasted on third Thursday at 5:30 to 6:00 PM every month. A total of 12 Radio programmes were broadcasted in this year.
- DEE is regularly brining out monthly publication "Pashu Palan Naye Aaayam" and other technical folders.
- Toll free helpline i.e. 1800 180 6224 is working for the benefit of livestock farmers, veterinary doctors and students.
- Activities were also conducted in two projects under SC-SP plan of ICAR and NABARD running at different PVKs.

The first "Krishi Vigyan Kendra" was sanctioned to the University by ICAR, New Delhi at Chak-27-NTR, Nohar (Hanumangarh) on 100% financing basis. From the available land of LRS, Nohar81 bighas land was allotted for the KVK by the University. The KVK started its functioning on 9° April, 2012. The KVK is actively engaged in on farm trials, front line demonstrations, on campus and off campus farmers and farm women trainings and other extension activities such as field day, Kisanmela, Kisangosthi, exhibition, method and result demonstrations, scientific visit to farmers field, exposure visit of farmers, animal health camps and farm science club and self help groups conveners meet etc. The KVK is very helpful for transfer of new techniques and technology to the farmers and livestock owners. The University is marching ahead to transform it to a model KVK where provisions will be made

to provide latest knowledge and new technologies to the farmers besides updating their skill and competence. Extension Education is one of the pillar of the University, is working for the technology transfer to the farming community through its various programmes. Under the ageis of the Director Extension Education, one Krishi Vigyan Kendra, Nohar and 17 Pashu Vigyan Kendras are working in different districts of Rajasthan. The KVK is actively engaged in on farm trials, front line demonstrations, on

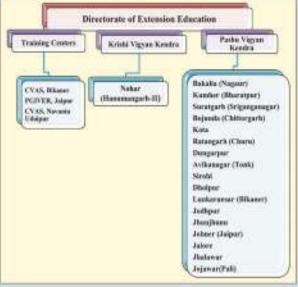
campus and off campus farmers and farm women trainings and other extension activities such as field day, kisanmela, kisangosthi, exhibition, method and result demonstrations, scientific visit to farmers field, exposure visit of farmers, animal health camps and farm science club and self help groups conveners meet etc. The KVK is very helpful for transfer of new techniques and technology to the farmers and livestock owners. The PVKs are actively involved in imparting skill based trainings and capacity building initiatives for the farmers and the unemployed youth across the state. PVKs are also providing consultancy services to the livestock farmers according to their problems in the field of animal husbandry and providing disease diagnostic services to them by testing of blood, faecal, milk and urine samples at PVKs laboratory. Thus, four principal functional areas of the PVKs are trainings,



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Organizational Structure







advisory services, transfer of technologies and diagnostic facilities. Pashu Vigyan Kendrasat Bakalia (Nagaur), Suratgarh (Sriganganagar), Kumher (Bharatpur), Bojunda (Chittorgarh), Ratangarh (Churu), Avikanagar (Tonk), Dungarpur, Sirohi, Kota, Dholpur, Lunkaransar (Bikaner), Jodhpur, Jhunjhunu, Jobner and Jalore have become operational. The construction of building of Jhalawar is under construction. The PVK at Jojawar (Pali) was sanctioned by state government in previous financial year.

1. Organization of training programmes:

(i) Training Programmes by Directorate of Extension Education:

(a) Training programme in collaboration with Gopalan Department, GOR, Jaipur

Directorate of Extension Education organized 2 three-day trainings in collaboration with Gopalan Department, GOR from 18.01.2024 to 20.01.2024 and 29.01.2024 to 31.01.2024. A total of 70 Managers/Representatives of registered gaushalas and progressive dairy operators of Bikaner division participated in these training programs.

S. No.	Name of Activities	No. of Activity	Participants
1	Trainings of Gaushala Managers/ Representatives	2	70



(b) Training programmes in collaboration with MANAGE, Hyderabad

Two three-days training program were organized under the joint aegis of Directorate of Extension Education RAJUVAS, Bikaner and National Institute of Agricultural Extension Management (MANAGE), Hyderabad from July 26-28 and 30[°] October to 2[°] November, 2023 through online mode.

S. No.	Name of Activities	No. of Activity	Participants
1	"Innovative techniques and knowledge of animal nutrition and animal health"	1	160
2	"Value Addition of Animal Products"	1	158

© Training programmes in collaboration with MANAGE, Hyderabad

Two three-days training program were organized under the joint aegis of Directorate of Extension Education RAJUVAS, Bikaner and National Institute of Agricultural Extension Management (MANAGE), Hyderabad from July 26-28 and 30° October to 2° November, 2023 through online mode.

(ii) Training Programmes and Other Extension activities by KVK, Nohar: The trainings are regularly imparted as an extension service to the farmers on all aspects of agriculture, horticulture, home science and animal husbandry. Total 56 training programmes were organized by KVK Nohar and 1446 farmers participated and benefited.

Total 415 farmers participated and benefited by Frontline demonstrations and 8 Technology Assessed for 90 farmers. A total of 180Extension activities performed in which 965299 farmers participated. Through Mobile Advisory Services 71060 farmers Benefitted.



Seed & Planting Material Production by KVK Nohar

	Quintal/Number	Value Rs.
Seed (q)	39.25	246100
Planting material (No.)	1800	2400
Bio-Products (kg)	3280	Used at KVK farm
Livestock Production (No.)	217	30160

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Achievements of mandatory activities by KVK during 2023-24

OFT (Technology	OFT (Technology Assessment)		Cotton, Other Crops/Enterprises)
Number of OFTs	Total no. of Trials	Area in ha	Number of Farmers
-8	90	75.5	415

Extension Programmes done at KVK campus

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	32	757447		757447
Field Day	6	126	-	126
Kisan Ghosthi	10	659	4	659
Film Show	7	470	-	470
Exhibition	1.	188	4	188
Scientists' visit to farmers field	43	524		524
Plant/animal health camps	1	49	4	53
Farmers' seminar/workshop	4	205	-	205
Celebration of important days	3	97	14	97
Special day celebration	1	40	2	42
Others (Vikshit Bharat Sankalp Yatra)	72	205488	-	205488
Total	180	965293	6	965299

Other Extension Programmes

S. No.	Particulars	Number
1	Extension Literature	6
2	News paper coverage	28
3	Popular articles	12
4	TV Talks	1

Total 45 publications viz. Research Paper, Technical reports, Popular articles, Extension literature, News letters, Booklet, Folder was done by KVK during reporting year. A total of 60 Demonstrations were conducted on Kitchen Garden and 20 on Millet Vatika. Five Awareness and Capacity Building Programme on production and processing of Millets were conducted and a total of 151 participants get benefitted. Four Training programmes under Kitchen gardening and Millet were conducted and 92 women and 7 males get benefitted. A total of 39.25 Q of seeds viz. Mustard, chickpea, green gram, cluster bean, Kachri and oat were produced and distributed to 209 farmers costing Rs.2,46,100/-. About 1800 planting materials were distributed to 60 farmers costing Rs.2400/-. About 3280 kg Bio-Products eg.vermicompost, vermiwash jeevaamrit, beezaamrit and waste decomposer were produced and used in the campus. **Programmes organized at KVK during 2023-24**

Important/Special Days	Date	Participants
PM Kisan Samman Nidhi awareness programme	27/07/2023,15/11/2023,28/02/2024	186
District level millets sangoshthi	26/04/2023	148
PM's programme on 100 th episode of Mann Ki Bat	30/04/2023	71
95th foundation day/ technology day of ICAR	16-18/07/2023	189
World Environment Day	05/06/2023	113
Farmers Day Celebration	23/12/2023	27
Awareness and Capacity Building Programme on Millets	03/08/2023,03/11/2023 and 21/12/2023	87
	Total	821







(iii) Training Programmes and Other Extension activities by Pashu Vigyan Kendras:

The trainings are regularly imparted as an extension service to the livestock owners and farmers on all aspects of animal husbandry; so as to improve animal husbandry practices in the state for improved productivity of animals and better livelihood of the farmers. Total 932trainings were organized by PVK's in which 814 online and 118 on campus trainings were organized and23339 farmers participated and benefited.

All PVK's of RAJUVAS organized 660 other extension activities like vichar gosthies, transfer of technology, farmer's scientist interactions, awareness camps, animal treatment camps, field visits and feedback reviews during this year. Total 12319 farmers were participated and benefitted Technical Achievements:



12.		No. of	Participants								
S.	No Name of Activities		Male			Female				Total	
	V 47 C 0 - 2 A 1 - 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2	Activity	SC	ST	Other	Total	SC	ST	Other	Total	and the second second
1	Off Campus/Online Trainings	814	2553	1219	11024	14796	1251	1215	3006	5472	20268
2	On Campus Trainings	118	693	259	1226	2178	216	219	458	893	3071
	Total	932	3246	1478	12250	16974	1467	1434	3464	6365	23339
I.	Transfer of Technology/ Demonstration	178	745	199	1509	2453	215	79	515	809	3262
2.	Vichar Gosthi	173	557	226	1534	2317	184	139	620	943	3260
3.	Farmer-Scientist Interaction	37	105	46	383	534	60	33	227	320	854
4.	Awareness camps in school/ college/ panchayat etc. regarding Veterinary Profession	115	369	221	1480	2070	248	413	802	1463	3533
5.	Animal Treatment camp	4	10	35	22	67	8	13	75	96	163
6,	Field visit to provide Veterinary consultancy services	101	61	31	321	413	49	18	189	256	669
7.	Exhibition in Pashu Mela/KisanMela	2	10	7	411	428	2	2	3	7	435
8.	Review (Feedback) of Livestock Farmers	54	27	29	55	111	13	7	12	32	143
	Total	660	1884	794	5715	8393	779	704	2443	3926	12319



(iv) Training programmes organized by other Centres of RAJUVAS:

A total of 33 trainings were organized by CVAS, Navania, state plan centres and Livestock Research Station, Bikaner in year. Total 1087 participants including farmers, students, LSA and Veterinary Officers benefitted.

		Participants		11000
Centre/Scheme/Project	No. of Trainings	Maie	Female	Total
College of Veterinary and Animal Science, Navania, Vallabhnagar, Udaipur	9		315	315
Animal Biomedical Waste Disposal Technology Centre, RAJUVAS, Bikaner	4	93	29	122
Centre for Conservation of Animal Biodiversity, RAJUVAS, Bikaner	4	85	1	85
AICRP on Goat Improvement, , CVAS, Bikaner	5	142	4	146
Centre For Organic Animal Production Technology, Bikaner RAJUVAS, Bikaner	1	24		24
Center for Disaster Management Technology for Animals, RAJUVAS, Bikaner	9	247	124	371
Apex centre	1	21	3	24
Total	33	612	475	1087

2. Disease Diagnosis Facilities:

To provide services for animal disease diagnosis laboratory facilities are established at all Pashu Vigyan Kendras. Total 2869 samples of blood, faecal, urine, milk and skin scrapings were analyzed and 2701 farmers were benefitted during the year through this activity.

3. Publications of Directorate of Extension Education:

Directorate of Extension Education is regularly publishing Pashu Palan Naye Aayaam, - a monthly bulletin, training manuals and other bulleitins. In addition to this, important news of animal husbandry and agriculture sector, disease fore-casting and schedule of broadcast of "Dhine Re Batya" on AIR is also given. A training manual for training of managers/ representatives of registered gaushalas and progressive dairy operators and annual report was also published by DEE.



4. Exhibitions:

Eight exhibitions were organized by Director Extension Education, RAJUVAS, Bikaner, and Krishi Vigyan Kendra, Nohar at Ravindra Rangmanch, Bikaner, International Camel Festival, NRCC, Bikaner, Krishi Mahotsav, Jaipur, Kisan Mahotsav, Udaipur, Kisan Mahotsav Jodhpur, Vikasit Bharat Sankalp Yatra and Krishi Vigyan Kendra, Nohar. Thousands of Progressive Farmers' and Livestock owners were visited.

S.No.	Name of centre	Place	Dute of exhibition
1	DEE, RAJUVAS, Bikaner	Kisan Sammelan on Gobar Gaumutra Processing, Ravindra Rangmanch, Bikaner	12 April, 2023
2	KVK, Nohar	Seminar on Millet, Nohar	26 th April, 2023
3	DEE, RAJUVAS, Bikaner	Rajasthan Kisan Mahotsav, Jaipur	16-18 June, 2023
4	DEE, RAJUVAS, Bikaner	Kisan Mahotsav, Udaipur	26-27 June, 2023
5	DEE, RAJUVAS, Bikaner	Kisan Mahotsav, Jodhpur	31 June- 1 July, 2023
6	DEE, RAJUVAS, Bikaner	International Camel Festival, NRCC, Bikaner	13th January, 2024
7	DEE, RAJUVAS, Bikaner	Vikasit Bharat Sankalp Yatra in Gadwala	15th January, 2024
8	DEE, RAJUVAS, Bikaner	National Symposium cum Stakeholders Meet at NRCC, Bikaner	14th March, 2024







5. Kisan Sammelan on Gobar Gaumutra Processing

A Kisan Sammelan was organized on April 12", 2023 in view of the possibility of making organic pesticides, vermin composting and organic fertilizers from cow dung and urine and its marketing under the joint aegis of Rajasthan Veterinary and Animal Sciences University, Bikaner and Rajasthan Gau Sewa Parishad, Bikaner. Chief Guest Shri Neeraj K. Pawan, Divisional Commissioner, Bikaner said that cow dung and cow urine should also be made the basis of economic progress

along with cow's milk. The cow dung and cow urine should not be considered as waste and may use it as fertilizers and pesticides through processing. On this occasion, Prof. Satish K. Garg, Vice- Chancellor, RAJUVAS, Bikaner inspired the farmers to use of organic manure by emphasizing on conservation and promotion of indigenous cattle. Prof. (Dr.) A.K. Gehlot, National Coordinator, Rajasthan Gau Seva Parishad and former Vice Chancellor, RAJUVAS, Bikaner said that due to the tireless efforts of the Livestock owners, Rajasthan ranks first in the country in milk production. Special guest Swami Samvit Vimarshanand Giri Ji, Mahant, Shivmath, Shivbari, Bikaner said that cow is a small biosphere. It is very important for everyone to understand its full usefulness. Cow dung and cow urine are a boon for humans, hence its processing should be promoted. 800 livestock owners of Bikaner district participated in the seminar.

6. Seminar on Millet at Krishi Vigyan Kendra, Nohar

A seminar on Millet was organized on 26th April, 2023 at Krishi Vigyan Kendra Nohar (Hanumangarh-II). Four lectures were delivered by Dr Rajesh Shivran, Senior Scientist and Head, KVK, Chandkothi, Churu, Dr Anoop Kumar, Senior Scientist and Head, KVK, Sangria, Dr Balveer Khati, retired Deputy Director Agriculture Department, Hanumangarh and Dr. Kanchan Shilla, SMS, Home science, KVK, Nohar. Total 150 farmers participated in the programme.

7. Participation of University in State Level Rajasthan Kisan Mahotsav at Jaipur

A three-day Rajasthan Kisan Mahotsav was organized by the state government on June 16-18, 2023 at the Exhibition and Convention Centre (JECC), Sitapura, Jaipur, Shri Ashok Gahlot, Former Chief Minister, Rajasthan was the Chief Guest of Kisan Mahotsav. The program was also presided over by Sh. Lalchand Kataria, Former Minister, Agriculture, Animal Husbandry and Fisheries Department, Rajasthan and other ministers and dignitaries were present during programme. Dr. Rajesh Kumar Dhuria, Director Extension Education, RAJUVAS, Bikaner informed in detail about the various activities being done by the Veterinary University for the benefit of animal owners.

8. Organization of Jajam Chaupal in Rajasthan Kisan Mahotsav, Jaipur

A Jajam Chaupal was organized in the three-day Rajasthan Kisan Mahotsav by the Directorate of Extension Education, RAJUVAS, Bikaner on Veterinary, Animal Husbandry and Dairy subjects.

9. Divisional level Kisan Mahotsav, Udaipur

Rajasthan University of Veterinary and Animal Sciences, Bikaner organized an exhibition and Jajam Chaupal in the two-day divisional level Kisan Mahotsav on June 26-27, 2023 in Udaipur.

10. Divisional level Kisan Mahotsav, Jodhpur

Rajasthan University of Veterinary and Animal Sciences, Bikaner organized an exhibition in the two-day divisional level Kisan Mahotsav on June 30 to July 1, 2023 in Jodhpur. 11, 10th Scientific Advisory Committee Meeting:

The 10° Scientific Advisory Committee Meeting of Krishi Vigyan Kendra, Hanumangarh-II (Nohar) was organized on 28° June, 2023 in seminar hall of KVK. Prof. Satish K. Garg, Hon'ble Vice Chancellor RAJUVAS, Bikaner attended the meeting through online mode and praised that Krishi Vigyan Kendra, Nohar has contributed significantly in the development of the farmers of the region he also said that farmers can increase their income by adopting scientific techniques and skills. Prof. R.K. Dhuria DEE, RAJUVAS, Bikaner and Dr. P.P. Rohilla Principal Scientist, ATARI, Jodhpur shared their suggestions related to impact assessment study, need based training and income generation activities in the meeting. On this occasion, Dr. Suresh Chand Kantwa, Senior Scientist & Head, KVK, Nohar and other SMS presented the achievements of the previous year and the upcoming action plan of KVK.













12. State Annual Action Plan Workshop of KVKs of Rajasthan

Prof. R.K. Dhuria, Director Extension Education, RAJUVAS, Bikaner participated and delivered a presentation on "Animal husbandry constraints in Rajasthan" in a State Annual Action Plan Workshop of KVKs of Rajasthan organized by Director, ICAR-ATARI, Jodhpur during 29-30, January, 2024.

13. Activities under Mera Gaon Mera Gauray:

After launching of the "Mera Gaon Mera Gaurav by Hon'ble Prime Minister on July, 2015 and the directives received from the ATARI, Jodhpur, Rajasthan University of Veterinary & Animal Sciences, Bikaner constituted 35 teams of multidisciplinary scientists. These teams have adopted 104 villages. Teams have conducted 72 visits to villages, 48 interface meetings, 49 demonstrations related to animal husbandry and 49 training programmes covering animal nutrition, breeding, health care and reproduction, 924 mobile-based advisories, 6 literature supports provided and 60 general awareness created aspects in villages. In these activities, total 8264 farmers and livestock owners were benefitted.



14. "Dhine Re Batya "Radio Programme:

In 2023-24, total 8 programmes of "Dhine Re Batya" were broadcasted through 12 Aakashwani Kendra of Rajasthan from 5.30 PM to 6.00 PM on third Thursday of every month. The sponsored programme is entirely based on animal husbandry and animal health aspects. In 2023-24, total 8 programmes of "Dhine Re Batya" were broadcasted through 17 Aakashwani Kendra of Rajasthan.

S No.	Radio Talk	Topics	Date
1	Dr. R.K. Tanwar, Retd Professor CVAS Bikaner	Important diseases of animals and their prevention	20-04-2023
2	Prof. Satish K. Garg, Vice Chancellor, RAJUVAS, Bikaner	Role and efforts of veterinary university in livestock and animal husbandry development in the state	18-05-2023
3	Prof. Hement Dhadhich, Director Research, RAJUVAS, Bikaner	Disease of animals in Rainy season and their prevention	15-06-202
4	Prof. Urmila Pannu, Controller of Examination, RAJUVAS, Bikaner	More production of milk in animals is possible only through selection and proper breeding.	20-07-202
5	Dr. Mahendra Tanwar, Assistant Professor, CVAS, Bikaner	Problem of urolithiasis in calves and their prevention	17-08-202
6	Dr. Sakar Palecha, Assistant Professor, CVAS, Bikaner	Disease of udder and their control and prevention in animals	21-09-202
7	Dr. Suresh Kumar Jhirwal, Assistant Professor, CVAS, Bikaner	Diagnosis and management of emergencies in animals	19-10-202
8	Dr. Abhisek Gupta, Assistant Professor, CVAS, Bikaner	Integrated parasite management in animals	16-11-202
9	Dr. Manohar Sain, Assistant Professor, CVAS, Bikaner	Diseases of animals in winter season and their prevention	21-12-202
10	Dr. Praveen Bishnoi, Director Clinics, RAJUVAS, Bikaner	Surgical ailments of male and female calves and their treatment	18-01-202-
11	Prof. S. K. Sharma, Dean, CVAS, Jodhpur	Digestive disorders of animals and their prevention	15-02-2024
12	Dr. Sanjay Singh, ADE, DEE, RAJUVAS, Bikaner	Essentials and measures for clean milk production in cattle milk sheds	21-03-202

15. New Initiatives:

i. Inauguration of Farmers' Hostel at KVK, Nohar (Hanumangarh-II)

The newly constructed building of Farmers' Hostel demonstration units at KVK, Nohar (Hanumangarh-II) was inaugurated on 26" April, 2023 by Shri Rahul Kashan, former MP, Churu, Prof. Satish K. Garg, Vice-Chancellor, RAJUVAS, Bikaner, Dr J.P. Mishra, Director, ICAR-ATARI, Jodhpur and Prof. R.K. Dhuria, DEE, RAJUVAS, Bikaner. On this occasion, folders on Backyard Poultry Farming, Zero Budget Natural Farming and Advanced Farming of Kachari prepared by scientists of KVK, Nohar were released and An exhibition was organized by the progressive farmers of the area and seeds were distributed to the animal owners for fodder production.





ii. Inauguration of Goat and Poultry Demonstration units at KVK, Nohar (Hanumangarh-II)

The newly constructed Goat and Poultry demonstration units at KVK, Nohar were inaugurated on 26° April, 2023 by Shri Rahul Kashan, former MP, Churu, Prof. Satish K. Garg, Vice-Chancellor, RAJUVAS, Bikaner, Dr J.P. Mishra, Director, ICAR-ATARI, Jodhpur and Prof. R.K.Dhuria, DEE, RAJUVAS, Bikaner.

iii. Inauguration of newly constructed Pashu Vigyan Kendra, Jalore

Newly constructed building of PVK, Ramsin (Jalore) was inaugurated online on May 3°, 2023 by Shri Lalchand Kataria, former Minister of Agriculture, Animal Husbandry and Fisheries, Government of Rajasthan. Vice Chancellor Prof. Satish K. Garg gave information about the extension activities of the university, various training programmes, disease diagnosis services, toll free helpline service, cow dung processing etc. During the program, the digital release of the new issue of "Pashu Palan Naye Aayam" a monthly booklet was also done. All officials of the University were present during the inauguration program. Dr. Rajesh Singhatia, Officer Incharge of PVK, Jalore and a large number of livestock owners were present at the centre.

iv. Inauguration of the newly constructed building of Skill Development Centre The newly constructed building of Skill Development Centre, Directorate of Extension

Education, RAJUVAS, Bikaner was inaugurated by Dr. Ramesh Chandra Agarwal, DDG (Agricultural Education), ICAR, New Delhi and Prof. S.K. Garg Vice Chancellor, RAJUVAS, Bikaner on 5^{er} February, 2024. On this occasion, Dr. R.C. Agarwal said that the Central Government is giving more emphasis on skill development in the country, ICAR has also promoted skill development in the agriculture and veterinary sector. With the opening of this skill development center, the knowledge and skills of the trainees will increase. Prof. S.K. Garg, Vice Chancellor,

RAJUVAS, Bikaner addressed that the university has subject matter specialists. The long-term trainings can be organized effectively with the opening of this facility-rich centre. The Skill Development Centre has the facility to accommodate 25 trainees at a time and a big training hall which is equipped with all the facilities and resources for training.

v. Skill Development training on scientific goats management

A 7 days paid training on scientific management of goats and entrepreneurship was organized at PVK, Suratgarh from 22-28 February, 2024.A total of 30 Goat farmers from different districts participated and benefited from this training.

vi. Seminar on importance of Journalism in the context of society and animal husbandry

A seminar was organized on 20" March, 2024 on "Importance of Journalism in the context of society and animal husbandry" under the joint aegis of Social Development and Participation Cell, RAJUVAS and Rajasthan Patrika, Bikaner. Special Guest of event Dr. Gopesh Nag, Commandant (BSF) said that veterinarians are involved in animal welfare work in remote areas. His work area is very wide. Sh. Harishankar Acharya, Deputy Director, Information and Public Relation Department, Bikaner, gave detailed information on the history of journalism and expressed the need to give special importance to the work of veterinary medicine, animal welfare and animal science in newspapers. During the program, Dinesh Chandra Saxena, retired Joint Director, Public Relations Department, Bikaner and Chandrasekhar Shrimali also expressed their views.





16. New projects:

(i) Establishment of Integrated Farming System Model for Livelihood Security at Pashu Vigyan Kendra, Lunkaransar

A project proposal on 'Establishment of Integrated Farming System Model for Livelihood Security' of Rs 27.56 lakhs was sanctioned by NABARD under Farm Sector Promotion Fund to RAJUVAS, Bikaner. In this project, Goat, poultry, vermicompost, azolla and fodder demonstration units will be established at PVK, Lunkaransar (Bikaner) and hands-on training will be provided to the small and marginal farmers for livelihood Security.

(ii) Sanction of project for Schedule Caste Beneficiaries under SC-SP of ICAR

A project proposal on 'Nutritional Security and Livelihood Promotion of Schedule Caste Beneficiaries of different Districts of Rajasthan Through Scientific Intervention of Animal Husbandry under Schedule Caste-Sub Plan(SC-SP) of Rs 130 lakhs was

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sanctioned by ICAR. In this project Goat and Poultry Demonstration units to be established at PVK, Bakalia (Nagaur), Jhunjhunu, Ratangarh (Churu), Tonk, Jobner, Dholpur for demonstration to farmers.

(iii) Establishment of Poultry unit at KVK.

Poultry demonstration unit at KVK, Nohar was started with 40 birds (23 RIR+17 Kadaknath). The revenue generated was Rs. 52,995/- and a total of 58 farmers benefitted.

(iv) Establishment of Goat unit at KVK.

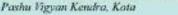
Goat demonstration unit (Breed - Sirohi) was established at the KVK, Nohar in the financial year 2023-24. The total cost of unit was Rs 3.20 lakh which was made from the Revolving Fund of the centre. A total of 103 farmers benefited in the financial year 2023-24.

17. Vice-Chancellor's Visit at Pashu Vigyan Kendras:

The Hon'ble Vice-Chancellor, Prof. Satish K. Garg along with Prof. R.K. Dhuria, Director Extension Education, RAJUVAS, Bikaner visited various PVKs to inspect various extension activities conducted by the centres in 2023-24.

S.No.	Name of PashuVigyanKendra	Day and Date of visit
1.	Pashu Vigyan Kendra, Kota	17 June, 2023
2.	Pashu Vigyan Kendra, Suratgarh	16 October, 2023
3.	Pashu Vigyan Kendra, Bojunda (Chittorgarh)	12 February, 2024
4.	Pashu Vigyan Kendra, Dungarpur	9 February, 2024







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Pashu Vigyan Kendra, Bojunda (Chittorgarh)



Pashu Vigyan Kendra, Suratgurh

18. Activities under University Social Responsibility:

DEE, RAJUVAS, Bikaner has conducted different activities in adopted village Gadwala:

i. Sangosthi on Integrated Child Development

A Sangosthi on Integrated Child Development was organized on April 27", 2023 at the Anganwadi Centre of Gadwala in collaboration with the Women and Girl Child Development Department, Bikaner to make rural women aware on various activities viz. cleanliness, vaccination of pregnant women and infants, deworming and nutrition.

ii. Training on Disaster Management

Centre for Disaster Management Technology for Animals, RAJUVAS, Bikaner organized disaster management training on 12" May, 2023 at Gadwala village to demonstrate the fire safety model for cattle and the safety and security of livestock during fire accidents. The farmers were also informed about various techniques which are used during disasters.

iii. Awareness Programme on World Environment Day

On the occasion of World Environment Day, an awareness program was organized on 5th June, 2023 at the Panchayat Bhavan of adopted village Gadwala, to address the villagers about the importance of environmental protection and effects of plastics on earth. On this occasion, free saplings were distributed to the livestock owners and an oath was taken to protect the environment.







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iv. Animal Health and Awareness Camp

Centre for Conservation of Biodiversity, RAJUVAS, Bikaner organized animal health camp and awareness program on 21"June, 2023 at Gadwala village to given information about the causes and prevention of various infectious diseases occurring in the animals, infertility problem in animals. Total 27 livestock owners participated in this camp.

v. Awareness Rally for Water Conservation

A Water Conservation Awareness Rally was organized by NSS Unit of CVAS, Bikaner at adopted village Gadwala on 28 June, 2023to aware the farmers about the importance of water in agriculture and animal husbandry along with our day to day life. If proper conservation of rain water is done in the villages the crisis of water shortage can be overcome as addressed by Gadwala's Sarpanch.

vi. Awareness Programme on International Biodiversity Day

Centre for Conservation of Biodiversity, RAJUVAS, Bikaner organized a training programme at Gadwala village on the occasion of International Biodiversity Day-2023 to address the livestock owners of Gadwala village in about the importance, usefulness and conservation of animal biodiversity. Mineral mixture packets were also distributed On this occasion, to protect the birds from the scorching heat, drinking bowls were installed and also distributed to 32 livestock owners of Gadwala.

vii. Animal Deworming Camp

A deworming camp was organized on 5ⁿ July at village Gadwala, by AICRP on Marwari Goats, CVAS, Bikaner. Mineral mixture and anthelmintic medicines were distributed to 30 livestock owners and scientific information related to goat rearing was also provided to farmers during the camp.

viii. Organization of Plantation Drive

A Plantation Drive was organized in the university adopted village Gadwala on 31" July, 2023. The programme was initiated by planting a sapling of bakken in the premises of Government Higher Secondary School, Gadwala. On this occasion, students were awared about the importance of trees in human life and motivated them to plant a sapling on every birthday and to preserve it.

ix. Students Awareness on Importance of Biodiversity Conservation

An Awareness Camp was organized on Biodiversity Conservation at adopted village Gadwala on 31st July by Centre for Animal Biodiversity Conservation, RAJUVAS, Bikaner. The school students of Gadwala village were awared about the importance of animal biodiversity, its utility and conservation. A total of 92 school students participated in the awareness programme.

x. Animal Vaccination Awareness Camp

A one-day vaccination awareness camp was organized by AICRP on Marwari Goat on 14° August at Gadwala and mineral salts and anti-parasitic drugs were distributed to 25 livestock farmers. The importance of vaccination in animals was explained in detail to the farmers and vaccination of enterotoxaemia in goats was also done.

xi. Awareness on Proper Management of Biomedical Waste

An awareness program was organized at Gadwala village on August 19" by the Animal Biomedical Waste Disposal Technology Centre RAJUVAS, Bikaner and the school students were addressed about the importance of proper management of biomedical waste through posters and pamphlets and informed about infectious diseases spread from animals to humans and also awared about the methods of proper disposal of biomedical waste.

xii. Computer Literacy Program

A computer literacy program was organized on August 18" in the adopted village Gadwala and the experts explained about basic information of computer, the utility and importance of computer in various fields to students of Mahatma Gandhi Secondary School. The practical knowledge of computer to students was given by experts.





xiii. Sangosthi on Skill Development

A sangosthi on skill development was organized on 30th September at Senior Upadhyaya Sanskrit School in adopted village Gadwala. On this occasion, Dr. Neeraj Kumar Sharma, Coordinator of University Social Responsibility addressed the students that skills play an important role in every aspect of a person's life hence the state and central governments are also promoting skill development among the youths.

xiv. Seminar on Cleanliness under Swachh Bharat Abhiyan

A seminar on Cleanliness under Swachh Bharat Abhiyan was organized on 31" October, 2023 the village Gadwala and the students made aware about the importance of health and cleanliness. Dr. Vivek Goswami, Medical Officer, Satellite Hospital told the students about various diseases spreading by unhygienic conditions.

xy. Ayurvedic Health Camp

An Ayurvedic Health camp was organized by Directorate of Extension Education, RAJUVAS, Bikaner in coordination with Department of Ayurveda, Govt. of Rajasthan, Bikaner on 29^a November, 2022. Dr. Sushma Singh provided her services as camp In charge. Dr. Neeraj Kumar Sharma, Co-ordinator, University Social Responsibility told that 63 persons including senior citizens were treated.

xvi. Animal Vaccination Awareness Camp

A one-day vaccination awareness camp was organized by the AICRP on Marwari Goat on 16° December in the village Gadwala. During the camp, mineral salts and anti-parasitic medicines were distributed to 35 livestock owners and goats were also vaccinated against pox disease.

xvii. Medical Camp

A medical camp was organized under the joint aegis of the Medical and Health Department, Bikaner and DEE, RAJUVAS Bikaner on 29th December, 2023 in the village Gadwala. Prof. Rajesh Kumar Dhuria, Director Extension Education, RAJUVAS, Bikaner said that along with blood pressure, diabetes and other general checkups, various seasonal diseases including cough, cold, fever, joint pain were treated in the camp and medicines were distributed to patients.

xviii. Sangosthi on Adult Literacy

A sangosthi on adult literacy was organized on 31^{*} January, 2024 by DEE, RAJUVAS, Bikaner at the in Gadwala the students were inspired by the importance of literacy.

xix. Veterinary Health camp

A veterinary health camp was organized on 21° February, 2024 in village Gadwala under the 100-day action plan of the state government of Rajasthan. A total of 559 animals were treated during the camp, out of which 451 animals were given mineral mixture and deworming medicine to prevent malnutrition and internal parasites.

xx. Cleanness Drive

A cleanliness drive was organized by volunteers of NSS unit of College of Veterinary and Animal Science, RAJUVAS, Bikaner on 29ⁿ February, 2024. The drive was organized at Brahmin Mata Mandir Choraha campus of Gadwala.

xxi. Review meeting of various departments under USR

A meeting of the coordination committee was held on March 13th, 2024 to review the work done by various departments in village Gadwala. The meeting was chaired by Prof. A.P. Singh, Dean, CVAS, Bikaner, Prof. R.K. Dhuria, DEE, RAJUVAS, Bikaner discussed the action plan point-wise and took information from all the departments about works done by them in Gadwala village. Dr. S.P. Joshi, Joint Director, Animal Husbandry Department, Bikaner Dr. Nand Lal Meena and Dr. Sandeep, Ayurveda Department, Ramesh Tambiya, NABARD, Mahavir Rohil, Forest Department, Bikaner, Er. Anil Kumar Jain, Er. Jitendra







Human Resources Development

Introduction

Directorate of HRD was established in June 2020 to carry out work on following Goals:-

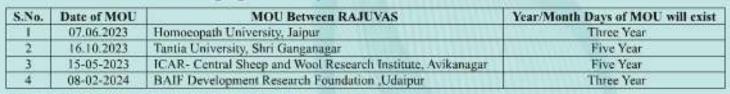
Goals

- Overall monitoring, implementation, evaluation and management of HR needs and requirements of the University
- Evaluate and advice HR policies for the University

Objectives

- To plan, initiate, guide, co-ordinate and monitor the production oriented research in the field of veterinary and animal sciences.
- To formulate veterinary and animal science research programmes and proposals, their effective implementation, co-ordination and progress monitoring.
- To supervise and control the Livestock Research Stations and various State Plan Centres of the university.
- To maintain liaison with State and Central Government, ICAR, DST and other national and international funding agencies for obtaining the financial support for various veterinary and animal science research programmes for the State.
- Transfer of technology at grass root level in the form of package of practices for improved animal husbandry and production.
- 6. To extend consultancy and expertise in the field of veterinary and animal sciences.

Memorandum of Understanding signed in the year 2023-24: -



Memorandum of Understanding continued

S.No.	Date of MOU	MOU Between RAJUVAS	Vear/Month Days of MOU will exist
1.	28-07-2022	Girraj Industries, Sirsagate, Sirsaganj, Distt, Firozabad, Uttar Pradesh-283151	Ten Year
2.	21-04-2022	Red Cross Society	Three Year

Memorandum of Understanding in progress

S.No.	MOU Between RAJUVAS	Year/Month Days of MOU
L.	Nam Farmer a Tara Bloom Private Limited Initiative	In Progress
2.	Brook Hospital	In Progress
3.	Vyatka State Agrotechnological University	In Progress





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Awards and Recognition

Life Time Achievement Award to Prof. S.K. Garg

Vice-Chancellor Prof. Satish K. Garg was honoured with the Life Time Achievement Award during 42^{ed} Annual Conference of Toxicology Society organized by Calicut University, Kerala on 23-25 November, 2023 on latest progress and future trends in Toxicology for his excellent work in the field of toxicology and contribution to animal husbandry. This honour was given by the Vice-Chancellor of Calicut University Dr. M.K. Jayaraj, Society President Dr. Alok Dhawan, and General Secretary Dr. P.V. Mohanan.

ISVPT Lifetime Achievement Award to Prof. S. K. Garg

Vice-Chancellor Prof. Satish K. Garg was honoured with Prof. A.K. Srivastava Lifetime Achievement Award by ISVPT Society during 23rd National Conference of the Indian Society of Veterinary Pharmacology and Toxicology organized at CVAS, Bikaner on 2^{sd} November, 2023. This honour was given by Vice-Chancellor, DUVASU, Mathura Prof. A.K. Srivastava. Prof. Vinod Kumar Verma Vice-Chancellor, LUVAS, Hisar, Prof. Pradeep Kumar Prajapati Vice-Chancellor of Rajasthan Ayurved University, Jodhpur,

Former Vice-Chancellor RAJUVAS Prof. A.K. Gahlot and ISVPT Chairman Dr. A.M. Thakar also witnessed the event.

Distinguished Pharmacologist Award to Prof. S. K. Garg

Vice-Chancellor Prof. Satish K. Garg was honouredwithDistinguished Pharmacologist Award as a recognition of outstanding contributions in teaching and research for the pharmacology professionals by Indian Pharmacology Society .The award was presented during 53rd Annual Conference of Indian Pharmacological Society 2024 (IPSCON-2024) held from 12-16th December 2023 in SRM Chennai.

Faculty recognized by Fellow award in respective fields

NAVS Fellow Award to Prof. Dhuria

Prof. R.K. Dhuria Director Extension Education, RAJUVAS, Bikaner honored with Prestigious Fellow Award of National Academy of Veterinary Science, New Delhi during National Conference and Convocation Ceremony of NAVS organized at Guru Angad Dev Veterinary and Animal Science University, Ludhiana (Punjab) from 1-2 July, 2023. Prof. Dhuria was given this fellow honour for his special and excellent contribution in teaching, research and extension in the field of Veterinary and Animal Sciences. Prof.Inderjit Singh Vice-Chancellor, GADVASU and Dr. Prakash Rao NAVS President presented this Fellow award to Dr Dhuria.

FAAS Fellow Award to Prof. Dhuria

Fellow of Association of Animal Scientists (FAAS) conferred during 2rd Veterinary and Animal Science Congress & 2rd Annual convention of Association of Animal Scientists and National Symposium on "Technological Intervention for Improving Animal Health and Productivity" organized by Apollo College of Veterinary Medicine, Jaipur from 17-19 February, 2024.

Fellow Award to Prof. Balwant Meshram

Prof. (Dr.) Balwant Meshram, Head, Department of Veterinary Anatomy, CVAS, Navania, Udaipur awarded with the Fellow Award of Indian Association of Veterinary Anatomists at National Seminar and 37th Annual Conference of the Indian Association of Veterinary Anatomists organized at Sri Venkateshwara Veterinary University, Tirupati, Andhra Pradesh held from 5th to 7th December 2023. This honour was given to him for his research and excellent work in the field of Veterinary Anatomy.

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Associate Fellow Award to Dr. Mahendra Singh Meel

Dr. Mahendra Singh Meel, Assistant Professor, Department of Animal Nutrition, CVAS, Navania, Udaipur, was Honoured with the Associate Fellow Award at the 3 days 20^e Biennial International Conference of Indian Association of Animal Nutrition at Madras Veterinary College, Chennai held from 23^e to 25^e January 2024 for his excellent work in the field of animal nutrition



Awards and Recognition of faculty/ students of CVAS, Bikaner during 2023-24

S. No.	Name of Faculty/Student	Name of award details	Awarding authority
1.	CVAS, Bikaner	Winner of "SPOCUL-24" was conferred to sports team of CVAS, Bikaner"	RAJUVAS, Bikaner
2.	Dr. Manohar Lal Sain	Second prize in poster presentation in 4 th Annual Convention of VIPM and National Symposium	Veterinary Internal & Prevention Medicine Society and F.V.Sc. & A.H., SKUAST, Jammu
3.	Dr. Anita Tanwar	Second Prize in Poster presentation in National Symposium	ICAR-NRCC- Bikaner
4.	Dr. Devendra Prasad Pateer	JP Dubey Young Scientist Award (Best PhD Thesis Award-2023)	Indian Association for the Advancement of Veterinary Parasitology
5.	Dr. Manisha Mehra	Savitribai Phule Excellence Award 2024 for National level essay writing competition by on 26 January 2024	Pashudhanpraharee
6.	Dr. Manisha Mehra	KrantijyotiSavitribaiPhule Women's Achiever's Award -2024	Pashudhanpraharee
7.	Dr. Aditya Arora	1" in Poster Presentation (Session- VI)	By- 31" Annual Conference of IAAVR
š.	Dr. Jay Joshi	2 rd in Poster Presentation (Session- VI)	By- 31" Annual Conference of IAAVR
9.	Dr. Fatima Khatoon	2 nd in Poster Presentation (Session- VI)	By- 31" Annual Conference of IAAVR
10,	Dr. Rajni Arora	National Animal Welfare Award 2023 On Informative And Erudite Essay In The National Level Essay Writing Competition Held On The Topic Application Of Homeopathy In Veterinary Practices.	PashudhanPraharee
11.	Dr. Rajni Arora	National Animal Welfare Award 2023 On Informative And Erudite Essay In The National Level Essay Writing competition Held On The Topic One World, One Health-Prevent Zoonosis.	PashudhanPraharee
12.	Dr. Rajni Arora	Young woman scientist award -2023, in 3 Days International Conference on "Impact of Climate Changes on Global Food, Livestock, Livelihood and Environmental Security: Advance Approaches and Mitigation Strategies"	Organized by ICAR-NAHEP, Navsari Agricultural University, Navsari, Gujarat and NADCL, Baramulla, UT of J & amp; K.
13.	Prof. R.K. Dhuria	Drools Pet Nutrition Award 2023byIndian Society for Advancement of Canine Practice during XIX Annual Convention and Symposium on Recent Advances in Diagnostic Therapeutics and Nutritional Management of Canine organized by Dau Shri Vasudev Chandrakar Kamdhenu Vishwavidyalaya, Durg (Chhattisgarh) from 20-22 April, 2023.	Indian Society for Advancement of Canine Practice
14.	Prof. R.K. Dhuria	Fellow (FNAVS) of National Academy of Veterinary Science conferred during XXI NAVS Convocation-cum-Scientific Convention on Stategies for enhancing productivity of dairy animals organised by Guru AngadDev Veterinary and Animal Science University, Ludhiana from 1-2 July, 2023	National Academy of Veterinary Science
15.	Prof. R.K. Dhuria	Honoured on Independence Day 15th August, 2023 by Hon'ble Vice- Chancellor, RAJUVAS, Bikaner as Best Unit: Directorate of Extension Education of RAJUVAS	RAJUVAS, Bikaner
16,	Prof. R.K. Dhuria	Fellow (FAAS) of Association of Animal Scientists conferred during 2 nd Veterinary and Animal Science Congress & 2 nd Annual convention of Association of Animal Scientists and National Symposium on "Technological Intervention for Improving Animal Health and Productivity" organized by Apollo College of Veterinary Medicine, Jaipur from 17-19 February, 2024.	Association of Animal Scientists



S. No.	Name of Faculty/Student	Name of award details	Awarding authority
17.	Dr. Rajesh Nehra	Awarded 2 nd Prize in the Oral Presentation and 3 nd prize in Poster Presentation in 20 th Biennial International Conference of Animal Nutrition Society of India held at Madras Veterinary College, Chennai, during 23 th Jan25 th Jan.2024	Animal Nutrition Society of India
18.	Prof. Rahul Singh Pal	"Extension Specialist Award" during 5 th National Conference of Society for Veterinary and Animal Husbandry Extension (SVAHE- IV) organizing at Khalsa Veterinary College, Amritsar (Punjab) during 12-14, October, 2023.	SVAHE, GADVASU, Ludhiana, Punjab.
19.	Dr. J.P. Kachhawa	Recipient of Certificate of Appreciation for imparting valuable insights as Guest Speaker through online webinar in Contagious caprinepleuropneumonia -Prevention and control organised by Sathya Zerograzing on 21 st May 2023.	Sathya Zerograzing
20	Dr. Sita Ram Gupta	Best Clinician Award-2024	Association of Animal Scientist
21.	Dr. Sita Ram Gupta	Best oral Paper Presentation for paper entitled "Evaluation of Minimum Inhibitory Concentration (MIC) of ethanolicextr act of Nigellasativa (Kalonji) and Phyllanthusemblica (Amla) against common bacteria isolated from Subclinical mastitis affected cows"	Association of Animal Scientist
22.	Dr. Sita Ram Gupta	VIPM Appreciation Award-2023	Veterinary Internal and Preventive Medicine Society

Awards and Recognition of faculty/ students of CVAS, Navania during 2023-24

S. No.	Name of Faculty/Student	Name of award details	Awarding authority
1.	Dr. Dinesh Jhamb	Second Best poster in a session	Indian society for study on Animal reproduction
2.	Dr. Dinesh Jhamb	Vice Chancellor award on 15 Aug. for Article publication NAAS>7	RAJUVAS, Bikaner
3.	Dr. MamtaKumari	Appreciation on occasion of Independence day	RAJUVAS, Bikaner
4.	Dr. Monika Joshi	Reviewer Excellence Award	Asian Journal of Dairy and Food Research (ARCC), 18 Dec.2023.
5.	Dr. M. S. Meel	Associate Fellow Award	Animal Nutrition Society of India during ANSICON-2024 organized from Jan23-25 2024 at Madras Veterinary College, Chenna
б.	Dr .Sanweer Khatoon	Young Woman Scientist Award	CAIE-NABARD, AEDS, Gwalior, 2023
7.	Dr .Sanweer Khatoon	Best Ph.D thesis Award	CAIE-NABARD, AEDS, Gwalior, 2023
8.	Dr .Sanweer Khatoon	Best poster award	Department of Veterinary Parasitology, BVC, BASU, Patna-800014, Bihar
9,	Dr .Sanweer Khatoon	Appreciation Award by RAJUVAS on 15th August ,RAJUVAS 2023	Honourable Vice Chancellor, RAJUVAS
10,	Dr. Dinesh Maneharrao Chavhan	Letter of appreciation and commendation for the exceptional contribution and outstanding performance demonstrated in winter school from 23/02/2024 to 14/03/2024.	Organizing Secretory, ICAR sponsored winter school on 'Advances in Proessing and Quality Appraisal of Functional Livestock Products SVPUA&T, Meerut, U.P.
п.	Dr. Arun Kumar	Awarded on 15 August, 2023 for publication of research paper in the Journal of Animal Production Science (NAAS- 7.57)	Vice Chancellor, RAJUVAS, Bikaner
12.	Dr. Dinesh Manoharrao Chavhan	Letter of appreciation and commendation for the exceptional contribution and outstanding performance demonstrated in winter school from 23/02/2024 to 14/03/2024.	Organizing Secretary, ICAR sponsored winter school on "Advances in Processing and Quality Appraisal of Functional Livestock Products SVPUA&T Meenut, UP
13,	Dr. Goverdhan Singh	Appreciation award on the occasion of Independence day 2023 for commissioned as an Associate NCC Officer (Lieutenant Rank)	RAJUVAS, Biknaer
14.	Dr. Sunil Arora	Award of Gold Medal in Ph.D degree programme of university (Veterinary Physiology)	Hon'ble Vice-Chancellor, RAJUVAS, Bikaner
15.	Dr. Sunil Arora	On the occasion of Independence Day 2023 for commissioned as an Associate NCC Officer (Lieutenant Rank)	Hon'ble Vice-Chancellor, RAJUVAS, Bikaner

Rajasthan University of Veterinary and Animal Sciences, Bikaner



Awards and Recognition of faculty/ students of PGIVER, Jaipur during 2023-24

S. No.	Name of Faculty/Student	Name of award details	Awarding authority
1	Dr. Ashok Baindha	Best Ph.D Thesis Award	Society of Veterinary & Animal Husbandry Extension, Ludhinana
2	Dr. Sanjay K. Rewani	Young Scientist Award	Society of Extension Education, Agra
3	Mr. Umesh K. Jaiswal	Ganga Singh Chauhan Memorial Award	Society of Extension Education, Agra
4	Mr. Rohitash Kumar	Ganga Singh Chauhan Memorial Award	Society of Extension Education, Agra
5	Mr. Rohitash Kumar	Best Poster Presentation Award	Association of Animal Scientist, Madhya Pradesh
6	Dr. Neharika Saxena	Young Educator award for practical hand book on Veterinary Public Health	World Records Owner
7	Dr. Shailja Bansal	Young Scientist Award	"XXXVII Annual Convention & National Symposium" of Indian Association of Veterinary Anatomists held from 05-07 Dec., 2023 at Tirupati
8	Mr. Yaduveer Singh	Best poster award	International conference on one health initiative: harmonizing human, animal and environmental health 18-20, 2024
9	Mr. Yaduveer Singh	Best poster award	Second annual convention of association of animal scientists
10	Dr. VikasGalav	Best Oral Presentation Award	Association of Animal Scientists & Conference Organizing Committee
110	Dr. VikasGalav	Best Oral Presentation Award	Association of Animal Scientists & Conference Organizing Committee
12	Dr. VikasGalav	Best Poster Award	Association of Animal Scientists & Conference Organizing Committee
13	Dr. Anurag Pandey	Best oral presentation award	Association of Animal Scientists
14	Dr.Umesh S Suradkar	Best poster presentation award	Association of Animal Scientists
15	Dr. Rashmi Singh	KrantiyotiSavitribaiPhule Women's Achiever's Award -2024	Pashudhan Praharee
16	Mr. Saksham Maandawat	First prize in Poster presentation	Association of Animal Scientist
17	Miss. Anisha	Dr. C.M. Singh "Shalihotra" Pratibha Samman Award	Pashudhan Praharee Magazine on the occasion of Indian Veterinary Doctor's Day (30/11/2023)
18	Mr. Abhishek Sharma	Dr. C.M. Singh "Shalihotra" Pratibha Samman Award	Pashudhan Praharee Magazine on the occasion of Indian Veterinary Doctor's Day (30/11/2023)
19	Dr. Samita Saini	"The SavitribaiPhule Excellence Award 2024 For Lady Vet."	Pashudhan Prahree magazine
20	Dr. Samita Saini	Felicitation Award by VC RAJUVAS on Independence Day 2023 for Research paper in journal with NAAS 7.59	RAJUVAS, Bikaner
21	Dr. Barkha Gupta	Best Poster Presentation Award	Society of Veterinary Biochemists and Biotechnologists of India (SVBBI)
22	Dr. Barkha Gupta	Best Teacher Award for the Year 2022	Society of Veterinary Biochemists and Biotechnologists of India (SVBBI)
23	Dr. Barkha Gupta	Best Scientist Award	Association of Animal Scientists (AAS)
24	Dr. Barkha Gupta	Kranti jyoti Savitri bai Phule Women's Achiever's Award 2024 on 26th January 2024	Pashudhan Praharee



Awards and Recognition of faculty/ students of CDST, Bikanerduring 2023-24

S. No.	Name of Faculty/Student	Name of award details	Awarding authority
1	Dr. Sunil Kumar	Best Poster Presentation Award	IEEC-2023
2	Dr. Sonia Mor	Second prize.	50th Dairy Industry Conference- 2024
3	Er. Manisha Kumari	Best Paper Award	13th IDEA Convention & International Conference on "Recent Advances in Engineering Applications for Sustainable Dairying

Awards and Recognition of faculty/ students of CDST, Bikanerduring 2023-24

S. No.	Name of Faculty/Student	Name of award details	Awarding authority
1	CDFT, Jaipur	"Sportsmanship Spirit" award for college's discipline and performance in "SPOCUL-24"	RAJUVAS, Bikaner
2	Mr Sumit Mehta	Best Poster Award	Indian Dairy Engineering Association
3	Mr Sumit Mehta	2nd Best Oral Paper Award	Indian Dairy Engineering Association





ADA Asternal Connection



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Research Publications

Research Publications, CVAS, Bikaner

- Sain, M., Singh, A. P., Gupta, S. R., Kachhawa, J. P., & Yadav, R. (2023). Prevalence of Subclinical Mastitis in Cattle on the Basis of Different Mastitis Diagnostic Tests. *Veterinary Practitioner*, 24(1)155-159.
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- Sarkar, V.K., Kamalla, R., Solanki, P., Mehra, S., De, U.K., Pateer, D.P. and Saxena, H., Analysis of gastrointestinal parasitic impact on goats: insights into infection rates, hematological and biochemical changes, and oxidative stress responses. *International Journal of Veterinary Sciences and Animal Husbandry* 2024; 9(1): 383-390

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Booklets

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- अवनि सिंह, पवन कुमार मित्तल, प्राची ढाका, गोविन्द सहाय गौत्तम एवं बरखा गुप्ता (2023) स्टेम कोशिका तकनीक द्वारा त्यचा सम्बन्धी ढिमारियों का उपचार, पशुपालन नए आयाम, राजुवास, बीकानेर.
- अवनि सिंह, पवन कुमार मित्तल, गोविन्द सहाय गौत्तम, बरखा गुप्ता, (2023) पशुओं की प्रजनन क्षमता पर ठीट शॉक प्रोटीन की उपयोगिता, पशुपालन नए आयाम, राजुवास, बीकानेर

Book/Booklets/Book chapter/Folder/Leaflet/Bulletin /popular article/training manual/any other publication, CDST, Bikaner

Book Chapter and Review Article

- Somveer, Pramanik A. and Kumari M.(2023). Nanotechnology in Animal Husbandry: Pioneering Advancements in Dairying. Futuristic Trends in Biotechnology, edited by Lafta M.H., SP, Bengaluru: IIP.(e-ISBN: 978-93-6252-103-3).
- Kumari M., Somveer, Ravikant V. Vinchurkar, Rushikesh R. Deshmukh, Lakshmaiah B., Vikram, Pramanik A. (2023). Freeze-dried Probiotics for Improved Shelf Life and Scalability in the Food Industry. Frontiers in Crop Improvement, 11(1),1-4.

Popular Articles

 Kumari M., Somveer, Deshmukh R. R., Chittra Juwel and Ravikant V. Vinchurka. (2024). From Gut to Glow using Probiotics to Prevent Skin Problems. Agri Tech Today.

- Kumari M., Somveer, Ravikant V. Vinchurkar, Soniya Mor and Deshmukh R. R. (2024).Non-Thermal Processing Methods for Food Safety and Shelf-Life Enhancemen. Agri Tech Today.
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- Kumari M., Somveer, Deshmukh R. R., Vinchurkar R. V. and B. Lakshmaia. (2023). Diverse Approaches to Microencapsulation in Food Processin. Agri Tech Today.
- Somveer, Prince, Kumari M., Deshmukh R. R. and Ashritha B. (2024). Optimizing Nanofluids Properties Using Artificial Intelligence for Applications in Food Processing Industry. Agri Tech Today.
- Somveer, Kumari M, Ravikant V Vinchurkar, Deshmukh R R and Bakeeru L. (2024)FSSAI's Pioneering Role in Enhancing Food Safety and Quality in the Indian Subcontinen. Agri Tech Today.
- Somveer, Chopde S. S., Parameswari P. L., Ankit Kumar Deshmukh and Kumari M. (2023)Novel Heat Transfer Fluids for Efficient Energy Dissipation in Dairy Industry. AgriTechToday.
- Somveer, Kumari M., Deshmukh R. R., Vinchurkar R. V., A. Pramanik and Avinash Chandra Gautam (2023). Role of Water Activity in Food Stability. Agri Tech Today.
- Ravikant V. Vinchurkar, Kumari M., Somveer, Reshmukh R. R. and B. Lakshmaiah. (2024). Surveillance and Impact of Antibiotic Resistance in Emerging Food Borne Pathogens. Agri Tech Today.
- Deshmukh R. R., Vinchurkar R. V., Somveer, B. Lakshmaiah and Kumari M. (2023). Novel Approach to Identify Foodborne Pathogens through Surface Plasmon Resonance Biosensors. AgriTech Today.
- Deshmukh R. R., Vinchurkar R. V., Somveer, B. Lakshmaiah and Kumari M. (2023). Molecular Identification of Lactobacilli from Traditional Fermented Dahi Using PCR. Agri TechToday.
- Parameswari P.L., Priyanka, Somveer, Kumari M. (2023). Metallic Nanofillers in Food Packaging. Food Marketing and Technology.

Book/Booklets/Book chapter/ Folder/Leaflet/ Bulletin /popular article/training manual/any other publication, CDST, Bassi (Jaipur):

Book Chapter:

 Thakur, M., & Rana, S. (2023). Barley Sprouts. In Advances in Plant Sprouts: Phytochemistry and Biofunctionalities (pp. 29-55). Cham: Springer International Publishing.

Popular Article

 Kumari, V., Food Safety From Farm to Fork. (2024)., one Health to combat AMR, Zoonoses and Food Safety., 212-218. ISBN: 978-93-94016-94-1.

Rajasthan University of Veterinary and Animal Sciences, Bikaner

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Seminar/Symposia/Conference/workshop/Trainings Attended

1. CVAS, Bikaner

S. No.	Name of the faculty member	Title of the event	Date
.	International Lev	el construction de la constru	
1.	Dr. Raj Kumar Berwal	International Conference on "Global Challenges in Environment, Food, and Biotechnology for Sustainable Development " organised by Guru Jambheshwar University of Science & Technology, Hisar, Haryana, India	Feb 21-23, 2024
2.0	Dr. Raj Kumar Berwal	International Conference on Current Research Trends in Engineering, Science and Medicine, Organized by VDGOOD Professional Association®, India.	Oct 07, 2023
	National Level		
l.	Dr. Deepika Goklaney	XIX Annual Convention of Indian Society for Advancement of Canine Practice & National Symposium on Recent advances in diagnostic, therapeutic and nutritional management of Canine held at DSVCKV at Durg	Apr 20-22, 2023
2, 3	Dr. Rajesh Singathia	"Novel Approaches in animal health for realizing one health mission"	Apr 07-08, 2023
3.	Dr Raj Kumar Berwal	Goat clean milk production practices and processing for value addition organised by Sathya Zero grazing	Jul 09, 2023
4 .00	Dr Raj Kumar Berwal	National Seminar on Diversification in Agriculture for Enhancing Farmers Income organised by College of Agriculture, SK. Rajasthan Agriculture University, Bikaner	Sept 11-12, 2023
5.	Dr. Manju Nehara	National Symposium and Conference of Indian Society for Buffalo development (ISBD) at College of Veterinary sciences and AH, Uttar Pradesh Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Evam Go Anusandhan Sansthan, Mat hura	Oct 27-28, 2023
6.	Dr. Pratishtha Sharma Dr. Amita Ranjan Dr. Ashok Gaur Dr. Praveen Kumar Pilania Dr. Abhishek Gupta Dr. Deepika Goklaney Dr. Deepika Goklaney Dr. Deepika Goklaney Dr. Deepika Goklaney Dr. Deepika Goklaney Dr. Deepika Goklaney Dr. Manohar Lal Sain Dr Sandeep Dholpuria, Dr. Sandeep Dholpuria, Dr. Pramod Kumar Dr Ashok Kumar Dr Ashok Kumar Dr Ashok Kumar Dr. Mohanlal Prof. Basant Bais Prof. Urmila Pannu Prof. Praveen Bishnoi Dr. Sunita Chaudhary Dr. Sunita Pareek Dr. Taruna Bhati Dr. Manisha Mathur Dr. Manisha Mathur Dr. Shesh Asopa	Participated in "23" Annual Conference of Indian Society of Veterinary Pharmacology and Toxicology and National symposia on "Integrated Animal Health Care Systems- Opportunities and Challenges" and "Exploring New Avenues for Pharmacologists and Toxicologists from Employability Perspective organized by Indian Society of Veterinary Pharmacology and Toxicology (ISVPT) at Deptt. of Veterinary Pharmacology & Toxicology, College of Veterinary and Animal Science, Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner, (Rajasthan).	Nov 02-04, 2023
7	Dr. Devendra Prasad Pateer	Participated in 32 th National congress of veterinary parasitology and national symposium on "Sustainable control of parasitic disease for improved productivity of livestock in current scenario at Department of Veterinary Parasitology, B ihar Veterinary College, Bihar Animal Sciences University, Patna	Nov 29, 202 to Dec 01, 2024
š.,	Dr Sandeep Dholpuria Dr Amit Kumar	Annual convention and International symposium on "Frontiers in Theriogenology: Research and Practice" organized by Department Animal Reproduction, Gynaecology and Obstetrics, College Veterinary and Animal Science, Mannuthy, Thrissur, Kerala	Dec 06-08, 2023



S. No.	Name of the faculty member	Title of the event.	Date
9.	Dr. Sita Ram Gupta Dr. J. P.Kachhawa Dr. Manohar Lal Sain	National Symposium and [‡] Annual Convention of Veterinary Intrnal and Preventive Medicine Society (VIPM) on "Advancing Veterinary Medicine for Holistic Development of Animal Health and Productivity with a One Health Approach" held at Faculty of Veterinary Sciences & A.H. SKUASFJammu, R.S. Pura, Jammul 81102, UT of J&K	Dec 18-19, 2023
10.	Dr. Manju Nehara Dr. Vishnu Kumar	Recent development in livestock phenome data recording, analysis and interpretation in era of genomics organised by ICAR, NRCC, Bikaner	Jan 03-12, 2024
11.	Dr. Vishnu Kumar	Technological innovation in Assisted reproductive technologies for the improvement of caprine germplasm organized by ICAR, CIRG, Makhdoom.	Feb 05-14, 2024.
12.	Dr. Pramod Kumar	31" IAAVR conference on "Livestock Health and Poultry: A paradigm change to maximize Productivity for Sustainable Farmers Livelihood" organized by LUVAS, Hisar.	Feb 07-08, 2024
13.	Dr. Sita Ram Gupta Dr. Deepika Goklaney	2 nd Veterinary and Animal Science Congress and 2 nd Annual Convention of Association of Animal Scientist and National Symposium on "Technological Intervention for Improving Animal Health and Productivity" held at Apollo College of Veterinary Medicine, Jaipur Rajasthan	Feb 17-19, 2024
14,	Dr. Ashok Kumar	4th Annual Convention of Animal physiologists Association and National Conference on	Mar 01-02,
15.	Dr. Manisha Mehra	Advanced physiological strategies for sustainable livestock production and reproduction. "Laboratory Updates-2024" one day seminar at SPMC Bikaner.	2024 Mar 10, 2024
C.	Trainings/worksh		1000 10, 2024
1.	Dr. Rajni Arora Dr. Arun Kumar Jhirwal	Participated in 21 days national orientation course on "Teaching Learning Evaluation Technology Programme (TLETP-2023)" organized by ICAR- Agricultural Technology Application Research Institute	05/04/2023 to 25/04/ 2023
2.	Dr. Abhishek Gupta	Participated in 6 weeks Course on "Agriculture statistics in Practice" organized by agMOOCs	11.07.2023 to 31.08.2023
3.	Dr. Manisha Mehra Dr. Shesh Asopa Dr. Pratishtha Sharma Dr. Tara Bothra Dr. Sunita Chaudhary	6 week Massive Open Online Courses on "Practical animal nutrition for augmenting livestock and poultry productivity"	11/07/2023 to 31/08/ 2023
4.	Dr. Pratishtha Sharma	MOOC on 'Digital Teaching Techniques' offered by ICAR -NAARM, Hyderabad.	01/08/2023 to 31/08/ 2023
5.	Dr. Abhishek Gupta Dr Sunita Pareek Dr Amita Ranjan Dr. Sunita Chaudhary	Participated in MOOC on Digital teaching techniques organized by ICAR -NAARM Hyderabad.	01/10/2023 to 31/10/2023
6.	Dr. Devendra Prasad	Online Training Program On "Value Addition in Animal Products: A P erspective for	30/10/2023 to
	Pateer Dr. Raj Kumar Berwal	Improving Human Health and Entrepreneurship" organized by Rajasthan University of Veterinary and Animal Sciences, Bikaner & MANAGE, Hyderabad.	01/11/ 2023
7.	Dr. Rajesh Singathia	"Mitigation strategies to manage AMR and Zo onosis to ensure food safety"	18/12/2023 to 07/01/2024
8,	Dr. Praveen Kumar Pilania Dr. Manisha Mehra Dr. Sunita Chaudhary Dr. Tara Bothra Dr. J. P. Kachhawa Dr. Sita Ram Gupta Dr. Pratishtha Sharma	Six-week online course on "Current trends in treatment and control of parasitic diseases of livestock and poultry" organized by Commonwealth of Learning (COL), Canada and Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai, India.	19/12/2023 to 09/02/ 2024
9.	Dr. Tara Bothra	Six week online course conducted by agMOOCs on Value engineering Agricultural plan,	19/12/2023 to 02/2024
10.	Dr. Deepika Goklaney Dr. Manohar Lal Sain Dr. Shesh Asopa Dr. Manju Nehara Dr. Vishnu Kumar Dr. Taruna Bhati Dr. Sita Ram Gupta	Participate in ICAR sponsor 10 days short course on "Recent Developments in Livestock Phenome Data Recording, Analysis and Interpretation in the Era of Genomics" organized by ICAR- National Research Centre on Camel PB No-07, Jorbeer, Bikaner 334 001 (Rajasthan).	03/01/2024 to 12/01/2024



S. No.	Name of the faculty member	Title of the event.	Date
11,	Dr. Sita Ram Gupta	Participate in 08 days online National NEP orientation and Sensitization Programme organized by Malaviya Mission- Teacher Training Programme (MMTTC) of Shri Lal Bahadur Shastri National Sanskrit University (Central University), New Delhi.	
12	Dr. Rajesh Singathia	"Advances in GIS applications in epidemiological analysis of livestock diseases in India"	16/01/2024 to 07/02/2024
13.	Dr. Vishnu Kumar	Technological innovation in Assisted reproductive technologies for the improvement of caprine germplasm organized by ICAR, CIRG, Makhdoom.	05/02/2024 to 14/02/2024
14.	Dr. Manisha Mehra Dr. Pratishtha Sharma Dr Amita Ranjan Dr. Sunita Choudhary Dr. Rjani Arora Dr. Sunita Chaudhary	21 days Winter school on "Animal Feed Safety And Quality Assessment To Ensure Safe Food of Animal Origin for Human Consumption" Department of Animal Nutrition College Of Veterinary and Animal Science Bikaner, Rajasthan.	05/02/2024 to 25/02/ 2024
15,	Dr. Praveen Kumar Pilania	Participated in National Education Policy 2020 orientation and sensitization programme under Malvia Mission Teacher Training programme MMTTP of UGC organized by MMTTC of Shri Lal Bahadur Shastri National Sanskrit University (Central University), New Delhi	06/03/2024 to 15/03/2024
16,	Dr. Raj Kumar Berwal	National Workshop on "Strategies for processing and efficient utilization of livestock byproduct for environmental sustainability." Organised by Indian Veterinary Research Institute (IVRI) in Bareilly, Uttar Pradesh.	15/03/2024

2. CVAS, Navania

S. No.	Name of the faculty member	Title of the event	Date
Α.	International Le	vel	Construction March 19
E.	Dr. Abhishek Gauray	International training on "Principles and practice of Epidemiology" (<i>online mode</i>) organized under ICAR-NAHEP-CAAST (Mumbai Veterinary Coll ege in collaboration with Penn State University, USA)	03/07/2023 to 12/07/2023
2.	Dr. Dinesh Jhamb	Attended 60 th annual meeting of the society for cryobiologists online	25/07/2023 to 27/07/2023
3.	Dr. Dinesh Jhamb	Attended XXXVIII Annual convention of ISS AR and International symposium on Frontiers in Theriogenology- Research and Practice. At CVAS Mannuthy Thrissur	06/12/2023 to 8/12/2023
4.:	Dr. Sanweer Khatoon	29 th International conference of the World Association for the Advancement of Veterinary Parasitol ogy at Leela Palace, Chennai	20/08/2023 to 24/08/2023
В.	National Level		
1	Dr. Monika Joshi	National Symposium on "Recant Advances in Diagnostic, Therapeutic and Nutritional Management of Canine	20/04/2023 to 22/04/2023
2	Dr. R. K. Nagda	Redesigning of Goat Breeding Strategies for Conservation and Enhanced Productivity held at CIRG, Makhdoom	11/08/2023
3	Dr. L.N. Sankhala	National Symposium on "Integrated Animal Health Care System: Opportunities and Challenges and Exploring New Avenues for Pharmacologistand Toxicologists from Employability Perspective" and XXIII Annual Conference of Indian society of Veterinary Pharmacology and Toxicology organized by Department of Veterinary Pharmacology and Toxicology, CVAS, Rajasthan University of Veterinary and Anial Sciences, Bikaner.	02/11/2023 to 04/11/2023
4	Dr. Sanweer Khatoon	32nd National Congress of Veterinary Parasitology and National Symposium on "Sustainable Control of Parasitic Diseases for Improved Productivity of Livestock in Current Scenario" By Department of Veterinary Parasitology, BVC, BASU, Path800014, Bihar	
5	Dr. Abhishek Gauray	Winter School on "Mitigation strategies to manage AMR and zoonosis to ensure food safety" organized by Department of VPH&E, College of Veteri nary and Animal Sciences, G.B.P.U.A.& T, Pantnagar.	18/12/2023 to 07/01/2024
6	Dr. Goverdhan Singh Dr. Mamta Kumari	Participated and presented poster in Veterinary Pathology Congress - 2023, at IVRI, Izatnagar, Bareilly, U.P	20/12/2023 to 22/12/2023
7	Dr. Kavita A. Shende	"Livestock Production, GHG Emissions and Environmental Pollutants: Mitigation and Bioremediation" scheduled between 9 th January to 29 th January 2024 at ICAR-National Institute of Animal Nutrition and Physiology (NIANP), Banglore.	09/01/2024 to 29/01/2024



S .	Name of the faculty	Title of the event	Date
No.	New York State Sta		1.00000000
8	Dr, Hakim Manzer Alam	2 rd veterinary and Animal Science congress and 2 rd Annual Convention of Association of Animal Scientists and national Symposium on "Technological Intervention for improving Animal Health & Productivity", organized by Apollo College of Veterinary Medicine (ACVM) Jaipur.	17/02/2024 to 19/02/2024
9	Dr. R. K. Nagda	21 th Annual Review Meet (ARM) on AICRP on Goat Improvement Annual Progress Report held at CIRG, Makhdoom	18/03/2024 to 19/03/2024
С.	Trainings/works	hop	
Ι.			01/10/2023 to 31/10/2023
2.	Dr. Dinesh Manoharrao Chavhan	Short term face to face training programme on "Indian Knowledge System" at CPDHE (in collaboration with UGC and IKS Division of Ministry of Education Govt. of India), University of Delhi, Delhi,	16/10/2023 to 21/10/2023
3.	Dr. Kamal Purohit	Invited as Guest Speaker in one week Training Programme on Laboratory Animal Science from Central Animal Facility, Dept. of Pharmacy, BITS Pilani, Pilani campus and given lecture on "Pathology on laboratory animal models".	01/11/2023
4.	Dr. Kamal Purohit Dr. Hakim Manzer Alam Dr. Sudeep Solanki Dr. B S Saini	Winter School on "One Health Approach to Combat AMR, Zoonoses and Food Safety" organized by Centre for Diagnosis, Surveillance & Response of Zoonotic Diseases (CDSRZ) Department of Veterinary Medicine Post Graduate Institute of Veterinary Education and Research, Jaipur (Rajasthan) Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner.	01/12/2023 to 21/12/2023
5.	Dr. Sanweer Khatoon Dr. Rajesh Singathia Dr. R. K Khinchi	ICAR Winter school training programme on "Mitigation Strategies to manage AMR and Zoonosis to ensure food safety" organized by CVAS, G.B.P.U.A & T., Pantnagar, Uttarakhand	18/12/2023 to 07/01/2024
6,	Dr. Hakim Manzer Alam Dr. Arun Kumar Dr Goverdhan Singh Dr. R. K Khinchi Dr. Sunil Arora	Competency certificate in six-week online agMOOCs course Current trends in treatment and control of parasitic diseases of livestock and poultry by Dept. of Veterinary & A.H. Extension Education, Madras Veterinary College, TANUVAS, Chennai, the Centre for Development of Technical Education, IIT Kanpur and Commonwealth of Learning (COL), Canada.	19/12/2023 to 09/02/2024
7.	Dr Goverdhan Singh	Short Course training on Recent developments in livestock phenome data recording, analysis and interpretation in the era of genomics	03/01/2024 to 12/01/2024
8.	Dr. Anita Rathore	ICAR CAFT training programme on Animal Feed Safety and Quality Assessment to Ensure Safe Food of Animal Origin for Human Consumption. RAJUVAS, Bikaner	05/02/2024 to 25/02/2024
9.	Dr.Rajesh Singathia	Advances in GIS applications in epidemiological analysis of livestock diseases in India	06/02/2024 to 16/02/2024
10.	Dr. R. K Khinchi	ICAR 10 days short course programme on "Advances in GIS applications in epidemiology analysis of livestock diseases in India, Organized by NIVEDI, Bengaluru.	07/02/2024 to 16/02/2024
н,	Dr. Tarunpreet	Winter school 21 days training on 'Applied concepts in One Health to address zoonosis, antimicrobial resistance and Food safety' organised by Department of Public health of Guru AngadDev Veterinary & Animal Sciences University (GADVASU) Ludhiana, Punjab.	19/02/2024 to 10/03/2024
12.	Dr. Dinesh Manoharrao Chavhan	ICAR winter school training programme on "Advances in Processing and Quality Appraisal of Functional Livestock Products" at Department of LPT, CVAS, SVPUAT, Meerut, U.P.	23/02/2024 to 14/03/2024
13.	Dr. M.L. Gurjar	Training on NEP2020 Orientation & Sensitization Programme held under Malaviya Mission Teacher Training Programme (MM – TTP) of University Grants Commission (UGC) Organized by the University of North Bengal. (Online mode)	15/03/2024 to 23/03/ 2024



3. PGIVER, Jaipur

S. No.	Name of the faculty member	Title of the event	Date
Λ.	International Lev	el	
1	Mr. Avinash Atal	International conference on "one health initiative: harmonizing human, animal and environmental health (OHI-2023)" organized by GLA- university Mathura.	01/11/2023 to 03/11/2023
2	Dr. Ashok Baindha Dr. Sanjay K. Rewani Mr. Umesh Kumar Jaiswal Mr. Rohitash Kumar Miss Neha Kumawat Mr. Ronak Mr. Avinash Atal Mr. Raj Kumar Meena Mr. Rajesh Kumar yadav Mr. Vipin Kumar	1 ^e International Extension Education Congress-2023 on Rural Transformation and Sustainable Agri-food System through Community Based Organisation (CBO) Oriented Extension Strategy organized at RARI, Durgapura (SKNAU, Jobner) Jaipur, Rajasthan.	18/12/2023 to 20/12/2023
В.	National Level		
1	Dr. Dharm Singh Meena	6 th Online Clinical Case Conference organized by PGIVAS, Akola, MAFSU, Nagpur, Maharashtra	25/04/2023
2	Dr. Govind Sahay Gottam Dr. Pawan Kumar Mittal	XXXISAPI Annual Conference & Symposium on "Technology driven physiological capacity building in livestock for food security and sustainability" organized by Division of Veterinary Physiology, F.V.Sc. & A.H. Shuhama, Shrinagar (J&K)	03/05/2023 to 05/05/2023
3	Dr. Neharika Saxena	Online conference by Global Sepsis alliance (USA) - 4 th World Sepsis Congress (One global health threat: -Sepsis, Pandemics & Anitmicrobial resistance)	25/05/2023 to 26/05/2023
4	Dr. Barkha Gupta	One-day National seminar on "World Food Safety Day-2023" held under ICAR- NAHEP-CAAST Project entitled "Centre of Excellence for Advanced Research on Animal Food Safety" organized by Mumbai Veterinary College, Parel, Mumbai,	07/06/2023
5	Dr. Surendra Singh Shekhawat	One day conference on "Climate change and Biodiversity Loss: A challenge to Wildlife Conservation" organized by Centre For Conservation of Natural Resources Environment Protection And Climate Change (CCONREPCC) at Rajasthan Forestry & Wildlife Training Institute (RFWTI), Jaipur	07/08/2023
5	Dr. Ashok Baindha Dr. Sanjay K. Rewani	5 th National Conference of Society for Veterinary and Animal Husbandry Extension on "Smart Livestock Extension for Enhancing Farmers' Income - An Extension Bounty," at Khalsa College of Veterinary and Animal Sciences (KCVAS), Amritsar, Punjab	12/10/2023 to 14/10/2023
7	Dr. Man Singh	One day seminar (Online) on "Preventing antimicrobial resistance" organized by College of veterinary sciences and animal husbandry mannuthy (Kerala)	24/11/2023
3	Dr. Shailja Bansal	"XXXVII Annual Convention of Indian Association of Veterinary Anatomists & National Symposium" held at Sri Venkateswara Veterinary University Tirupati (A.P.)	05/12/2023 to 07/12/2023
9	Dr. Mukesh Chand Parashar Dr. Satyaveer Singh Dr. Yogendra Pal Singh	46 th annual congress of ISVS and National Symposium on "Emerging Trends in Farm, Companion and Wild Animal Surgery" held at Department of Surgery and Radiology, College of Veterinary and Animal Husbandry, Odisha University of Agricultural and Technology, Bhubaneswar, Odisha	06/12/2023 to 08/12/2023
10	Dr. Barkha Gupta	VII Annual Convention of Society of Veterinary Biochemists and Biotechnologists of India (SVBBI) & International Symposium on "Multiomics to one Health: Challenges and Way Forward in Biomedical Research" organized by Division of Biochemistry, ICAR, Izatnagar (U.P.)	14/12/2023 to 15/12/2023
11	Dr. Neharika Saxena	GRISAAS-2023 at UAS, Raichur, Kamataka	18/12/2023 to 20/12/2023
12	Dr. Rohitash Dadhich	XXXX Annual conference of IAVP, IX Annual meeting of ICVP and Symposium on "Advances in Veterinary Pathology for Diagnosis and Control of Emerging Diseases of Livestock and Poultry" at IVRI, Bareilly	20/12/2023 to 22/12/2023
13	Dr. Man Singh	Two days seminar (Online) on "Impact of climate change on global food, livelihood and enviourmental security' organized by Navsari Agricultural University Navsari	28/12/2023 to 30/12/2023



S. No	Name of the faculty member	Title of the event	Date		
14	Mr. Avinash Atal Annual convention of association of animal scientist and national symposium on Mr. Raj kumarMeena "technological intervention for r improving animal health and productivity organized by apollo collage of veterinary medicine Jaipur Rajasthan.		17/02/2024 to 19/02/2024		
15	Dr. Vikas Galav	2 nd Veterinary and Animal Science Congress and National Symposium on Technological Interventions in Improving Animal Health and Productivity and Annual Coneference of Association of Animal Scientists at ACVM, Agra Road, Jamdoli, Jaipur (Rajasthan), India	17/02/2024 to 19/02/2024		
C.	Trainings/worksh	op			
1.	Dr. Bincy Joseph	/ Joseph "Co creation workshop on one health organized by AIIMS Jodhpur sndIIPH, Gandhinagar, Jaipur			
2	Dr. Chandra Shekhar Sarswat	Five days training on the "Foundation course in Public Procurement (RTPP) acts & Rules" organized by Finance department GOR	08 /05/2023 to 12/05/2023		
3.	Dr. Shailja Bansal	5 days online national workshop on "4 th Indian workshop on applied deep learning" organized by the Department of Computer Science and Information Systems of Pilani and Goa Campus at BITS Pilani, K.K. Birla Goa Campus			
4.	Dr. Ashok Baindha	Three days State Level Farmer's Fair at Exhibition and Convention Centre, Sitapura, Jaipur	16/06/2023 to 18/06/2023		
5.	Dr. Ashok Baindha	Three days online training on "Managerial Skills for Extension Professionals" organized by MANAGE, Hyderabad	26/06/2023 to 28/06/2023		
6.	Dr. Surendra Singh Shekhawat				
7.	Dr. Vikas Galav Dr. Manish Agrawal	6 Week AgMOOC Course on "Agricultural Statistics in Practice" conducted online by IIT, Kanpur and Commonwealth of Learning, Canada			
8.	Dr. Sumit Prakash Yadav Dr. Mansingh Dr. Barkha Gupta	Sumit Prakash 6 weeks online training on "Practical animal nutrition for augmenting livestock and poultry productivity" organized by Dept. of Vety. Extension, Madras veterinary college Mansingh Chennai Chennai			
9.	Dr. Barkha Gupta	Twelve-week course NPTEL-AICTE, Faculty Development Programme (Animal Physiology)			
10.	Dr. Mansingh	21 days online training on "Emerging challenges and opportunities in biotic and abiotic stress management" organized by Astha foundation Mecrut			
11.	Dr. Surendra Singh Shekhawat Dr. Barkha Gupta Dr. Mansingh	Nine days International Training on "Advanced Rapid Diagnostic Techniques for Infectious Diseases" organized under ICAR-NAHEP-CAAST Project entitled "Centre of Excellence for advanced Research on Animal Food Safety" held at Dept. of VPH, MVC, Parel, Mumbai			
12.	Dr. Ashok Baindha	Awareness and Fertility Camp at Baran district under Pashudhan Jagriti Abhiyaan			
13. 14.	Dr. Sanjay K. Rewani Radio Talk on "Pashuon se adhik labh kaise lein" at Akashwani, Jaipur Dr. Surendra Singh 30 Days MOOC Course on "Digital Teaching Techniques" conducted online by ICAR- NAARM, Hyderabad Dr. Vikas Galav NAARM, Hyderabad Dr. Barkha Gupta Presenter Dr. Bincy Joseph State of the second sec		15/09/2023 21/09/2023 01/10/2023 to 31/10/2023		
15.	Dr. Ashok Baindha				
16.	Dr. Bincy Joseph	Multistake holder two days consultation workshop to develop state action plan to for the prevention and control of zoonoses organized under the chairmanship of Additional Chief Secretory (mediac and Helath) by NCDC New Delhi and Directorate of medical and helath services (DMHS) Rajasthan in the technical collaboration with CDC, India.			
17.	Dr. Mansingh	21 days online training on "Recent advances in veterinary and animal husbandry" organized by IVRI regional Station Palanpur (H.P.)	02/11/2023 to 22/11/2023		
18.	Dr. Mansingh	Webinar on preventing antimicrobial resistance organized by dept. of VPHCOVS Mannuthy, Kerala	24/11/2023		
19.	Dr. Mansingh	Webinar on Innovation of animal health: current challenges and future perspective organised by national research station on carnel Bikaner.			



S. No.	Name of the faculty member	Title of the event	Date		
20,	Dr. Surendra Singh Shekhawat Dr. Bhavana Rathore Dr. Bincy Joseph Dr. Sandeep Kumar Sharma Dr. Vikas Galav Dr. Manish Agrawal Dr. Sarjna Meena Dr. Monika Karnani	 Surendra Singh Surendra Singh I days ICAR-Winter school titled "One Health Approach to combat AMR, Zoonosa Food Safety" sponsored by ICAR, New Delhi organized by Department Veterinary Medicine, PGIVER at CDSRZ, PGIVER, Jaipur Sandeep Kumar Sandeep Kumar Vikas Galav Manish Agrawal Sarjna Meena 			
21.	Dr. Surendra Singh Shekhawat Dr. Bhavana Rathore Dr. Vikas Galav Dr. Manish Agrawal Dr. Sarjna Mcena Dr. Sumit Prakash Yadav Dr. Mansingh Dr. Shweta Choudhary Dr. Barkha Gupta		19/12/2023 to 09/02/2024		
22.	Dr. Barkha Gupta	21-day CAFT training programme on "Statistical and computational advanced for Bioinformatics Data Analysis in Agriculture: Practical Aspects" held at Indian Agricultural Statistics Research Institute, Library, ICAR, PUSA, New Delhi.			
23.	Dr. Manju	21 days ICAR winter school training programme on "Livestock Production, GHG Emissions and Environmental Pollutants: Mitigation and Bioremediation" at ICAR - National Institute of Animal Nutrition and Physiology (NIANP), Bangalore			
24.	Dr. Sumit Prakash Yadav	Indian Council of Research Sponsored winter school training programme "Advanced Diagnostic, Therapeutic and Management Techniques for Augmenting Health, Production and Reproduction in cattle" held at Department of Clinics, Veterinary College and			
25.	Dr. Sanjay K. Rewani	Research Institute, Namakkal (Tamil Nada) TANUVAS Chennai. Clinical Camp at Bhagwangarh (Jamwaramgh)			
26.	Dr. VikasGalav	 Clinical Camp at Bhagwangarh (Jamwarangh) 2-Day Refresher Course for GLP Inspectors organized by National GLP Compliance Monitoring Authority (NGCMA, DST), Department of Science and Technology, Government of India, New Delhi 			
27.	Dr. Neharika Saxena	Online training on Emerging Problems & Recent Advances in Applied Sciences: Traditional & Innovative Approaches (EPRAAS-2024)	08/02/2024 to 28/02/2024		
28.	Dr. Shweta Choudhary	Dr. Shweta 01 day Workshop on "Digital Marketing Framework" Organised by Research Foundation			
29.	Dr. Sanjay K. Rewani				
30.	Dr.SarjnaMeena				
31.	Miss Bharti Yadav 10 days (High end karyashala) training at NDRI, KARNAL organized by SERB on Mr. Praveen Kumar "Biotechnology Techniques in Animal Nutrition for Enhancing Livestock Productivity" Miss Sarita Mahicha Miss Anisha		17/02/ 2024 16/02/2024b to 25/02/2024		
32.	Dr. Bhavana Rathore Dr. Monika	Rathore 8 days online national training on "NEP Orientation & Sensitization Programme held at Shri Lal Bahadur Shashtri National Sanskrit University by Malviya Mission Teacher Training Centre (UGC, MoE, GOI)			
33.	Dr. Monika Dr. Sarjna Meena Dr. Barkha Gupta	1 month MOOC programme on "Artificial intelligence in agriculture" organized by ICAR-NAARM, Hyderabad through online mode			
34.	Dr. Shweta Choudhary	02 days Workshop on "Project Writing for Grants & Research Paper Writing" Organised by Research Foundation of India & RFI - CARE			
35.	Dr. Bincy Joseph				



4. CDST, Bikaner

S. No.	Name of the faculty member	Title of the event	Date
Λ.	International Lev	él .	4th to 5th Aug.
1.	Er. Manisha Kumari	International Conference on Computational Science and Intelligence (ICCSI 2023)	
2.	Dr Sunil Kumar	International Extension Education Congress 2023 at RARI, Durgapura Jaipur (IEEC - 2023).	18 th to 20 th Dec., 2023
B.	National Level		
1.	Dr Sonia Mor	50th Dairy Industry Conference- 2024 won the second prize	4 th to 6 th Mar., 2024
C.	Trainings/worksh	ing .	
5	Er. Manisha Kumari		
2.	Er. Manisha Kumari Training Program/FDP on "First Hand Experience on SPSS-Introductory Module"		1 ^{al} to 7 th July, 2023
3.	Er. Manisha Kumari One week FDP on "Emerging Trends in MCDM Techniques" (online mode)		17 th to 23 rd July, 2023
4.	Er.Manisha Kumari	Workshop on "Sensory Evaluation: Importance, Physiology and Methods"	14th Oct, 2023
5.	Dr. Parma Ram Gorachiya	Training Program on NEP 2020 Orientation and Sensitization programme	19 th to 28 th Feb, 2024

5. CDFT, Bassi (Jaipur)

S. No.	Name of the faculty member	Title of the event	Date		
A. 1	International Level		IIV- George		
1	Mr Sumit Mehta	Sustainable Innovation in Food Safety, Health & Nutrition	22-23 Dec, 2023		
2	Mr. Sumit Mehta	13 th IDEA Convention & International Conference	13-14 Oct,2023		
B.)	National Level		I MARCONALGOR		
1	Er. Shafat Khan	Young Scientist Conference (YSC)	17-20 Jan, 2024		
2	Er. Shafat Khan	Importance of Minor Millets on Entrepreneurship and Human Health -2024	28 Mar, 2024		
6. 1	Trainings/workshop				
1	Er. Shafat Khan Lecture on "One Health approach to food safety" at 21 days Winter school entitled "One Health Approach to combat AMR, Zoonoses and Food Safety"		5 Dec, 2023		
2	Mr. Sumit Mehta				
3	Er. Shafat Khan				
4	Er. Shafat Khan	Workshops on Millets Processing	20-23 Apr,2024		







New Constructions Renovation and Repair works by Estate of University During 2023-24

S. No.	Name of Work	Total Sanctioned Amount (In Lacs)	Expenditure (In Lacs)	Work Completed/ In Progress
Ē	Construction of Paver Block Road and Boundary wall back of Administrative Building & in front of Farmer Hostel at KVK, Hanumangarh-II (Nohar)	12.00	10,46	Work Completed
2.	Renovation and Extension of Goat Shed at CVAS, Navania Vallabhmagar, Udaipur	5.33	4.50	Work Completed
3.	Construction of VIP Guest House at RAJUVAS, Bikaner	94.37	62.88	Work Completed
4.	Construction of Boundary wall at LRS Bojunda, Chittorgarh	12.00	4.07	Work Completed
5.	Repair and Renovation work of Medicine Department at RAJUVAS, Bikaner	28.65	23.33	Work Completed
6.	Construction of Skill Development at RAJUVAS Bikaner (ICAR)	89.41	85.03	Work Completed
7.	Remaining Civil work Skill Development at RAJUVAS Bikaner (UDF)	50.00	21,44	Work Completed
8.	Repairing Road at LRS Bojunda, Chittorgarh	10.00	9,32	Work Completed
9.	निर्माण कार्य बकरीपालन एवं मुर्गीपालन युनिट (6 युनिट)	20.00	3.90	Work in Progress
10.	Construction of Goat & Poultry Shed Jobner (Jaipur), Tonk and Dholpur	10.00	3.90	Work in Progress
П.	Construction of Paver Block Road near UG IP ^{at} Hostel to Skill Development RAJUVAS, Bikaner	25.00	10.02	Work in Progress
12,	Construction of Boundary wall and Approch Road VIP Guest House RAJUVAS, Bikaner	45.00	3.86	Work in Progress
13.	Construction of New Seminar Hall for 80 person Capacity at RAJUVAS, Bikaner	137.17	0.37	Work in Progress
14.	Construction of Goat & Poultry Shed Ratangarh (Churu), Bakoliya (Nagour) and Jhunjhunu	10.00	-	Work in Progress
15.	Construction of Nalla for Disposal of Sewerage and Rain Water From Hostel Side CVAS Navania Vallabhnagar, Udaipur	25.66	-	Work in Progress
16.	Construction of Imaging Unit Director Clinics at RAJUVAS, Bikaner	25.65	-	Work in Progress
17.	Construction of 8 Nos Room's at I st Floor Family Hostel at CVAS, Bikaner	35.75	-	Work in Progress
18.	Construction of paver Block Road NCC to Vice Chancellor Bungalow at RAJUVAS, Bikaner	18.00	*	Work in Progress

Rajasthan University of Veterinary and Animal Sciences, Bikaner



Vice-Chancellor's Visits





























Rajasthan University of Veterinary and Animal Sciences, Bikaner



Dignitaries Visited



Lt. Col. Pushpendra Singh, Commanding Officer 1" RAJ. R.& V., SQN,



Hon'ble MP Shri Rahul Kaswan, Churu Lok Sabha Constituency Visited KVK, Nohar



Dr. Tanveer malawat, President India Read Cross Society



Dr. Shailesh Sharma, Former Director, Animal Husbandry, Rajasthan Government, Jaipur visited PGIVER



Sh. Krishn kunaal, Secretary to Government, Animal Husbandry, Cow and Fisheries Department, Rajasthan, Jaipur



Prof, Arun Kumar, Vice-Chancellor SKRAU,Bikaner



Sh. Ashok Modi, Managing Director, Lotus Dairy



Prof. A.N. Mathur Vice-chancellor Homeopathic University, Jaipur



Prof. S.K. Sharma, Assistant Director General (Human Resource Management)



Harisbankar Acharya, Deputy Director, Information and Public Relations Department, Bikaner



Dr., Manish Kumar Chetli, Director of CIRG, Makhdoom, Visited CVAS, Navania



Dr. P.P. Rohilla, Principal Scientist ATARI, Jodhpur Visited Krishi Vigyan Kendra, Nohar

Rajasthan University of Veterinary and Animal Sciences, Bikaner



Dr. R.K. Ramesh, Veterinary Council of India (V.C.I), New Delhi









Dr. M.M. Saxena, Vice-Chancellor, Tantia University, Ganganagar

ISVP 1-2023



Prof. A.K. Srivastava, Vice-Chancellor, DUVASU, Mathura



18VPY-3023 Prof. A.K. Gahlot, Former and Founder, Vice-Chancellor, RAJUVAS



Prof. Pradeep Kumar Prajapati, Rajasthan Ayurveda University, Jodhpur



Dr. A. Sahu, Director, NRCC, Bikaner Visited C.D.S.T. Bikaner



Prof. Vinod Kumar, Vice-chancellor, LUVAS

Sh. Swami Vimarshanand Giri Maharaj, Mahant, Shivhari, Dairy Farm, Bikaner



Dr. Raviraj Yadav, Regional Director, BAIF Visited CVAS, Navania



Princess RajyaShri, President Maharaja Ganga Singh Trust, Bikaner



Dr. Anshu Bhardwaj, Principal Scientist Indian Agricultural Statistics Research Institute, New Delhi



Dr. Ramesh Chandra Agarwal, DDG Education, ICAR New Delhi



Dr. Niteen Patil , Vice Chancellor MAFSU Nagpur, Former Vice Chancellor DUVASU Mathura

Rajasthan University of Veterinary and Animal Sciences, Bikaner

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Prof. N.S. Rathore, Former Vice-Chancellor MPUAT, Udaipur & Lokpal RAJUVAS, Bikaner



Sh. Om Prakash IG, Bikaner





Sh. Zeraram Kumawat, Honorable Cabinet Minister, Animal Husbandry and Dairy Department, GOR, visited PGIVER, Jaipur



Prof. Bhavana Mathur, MNIT, Jaipur Visited C.D.F.T, Bassi





Dr. S.P. Joshi, Joint Director Animal Husbandry Department, GOR, Visited RAJUVAS, Bikaner



Prof. A.K. Singh, Vice-Chancellor, SKRAU, Bikaner Visited RAJUVAS, Bikaner



Dr. Anil Arora, Washington D.C., USA Visited CVAS, Navania

Platinum Jubilee Year



Sh. D.D. Singh, Indian Police Service LP.S, Visited PGIVER, Jaipur



Colonel Nitin Sherawat, Director NCC, Jaipar



Dr. G.S. Nag, Commandant (B.S.F.) Visited

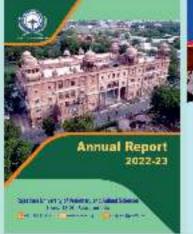
RAJUVAS, Bikaner

Prof. Bhanu P. Chowdhary, Professor Emeritus, Texas A&M University, Distinguished Researcher, Texas A&M University Past President, Texas Genetics Society, Texas Agri Life Research Ex-Dean, CAVM, UAE University Member, Mohammed Bin Rashid Academy of Scientists, UAE

Rajasthan University of Veterinary and Animal Sciences, Bikaner

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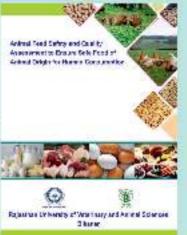
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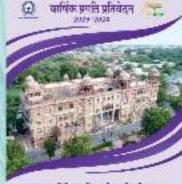
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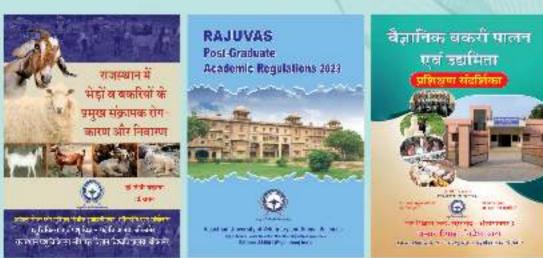




य अन्यान प्रतृति किन और पतु दिहान किए विकास स अन्य पार्ट किल्म के प्रति किए किए किए किए कि प्रेनेक्न प्रसारको के उनन्छने उनन्छिये न जन्म प्रेपी वनस्वर्ग के लिए वहिव्युग प्रदेशिक दी लिक के या जन्म जन्म प्रदेश के किय



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