

ANNUAL REPORT

2017-18



॥ पशुधनं नित्यं सर्वलोकोपकारकम् ॥

DIRECTORATE OF EXTENSION EDUCATION
Rajasthan University of Veterinary & Animal Sciences
Bikaner

—:प्राक्वथन:-

प्रसार शिक्षा निदेशालय एक नोडल एजेन्सी के रूप में विश्वविद्यालय के लिए राज्य में पशुधन विकास का कार्य कर रहा है। पशुधन विकास के लिए विश्वविद्यालय के जनोपयोगी अनुसंधान कार्य और उन्नत तकनीकों के शीघ्र हस्तांतरण के लिए निदेशालय वैज्ञानिक प्रशिक्षण कार्यक्रमों के साथ-साथ पशुपालकों व गौशाला प्रबंधकों की उन्नत पशुपालक गोष्ठियों का आयोजन, सलाहकारी सेवाएं और संभावित पशुरोगों की रोकथाम के लिए रोग पूर्वानुमान बुलेटिन जारी करने जैसे कार्य करके कृषकों और पशुपालकों को लाभ पहुंचा रहा है। इसके साथ ही पशुओं के बांझपन निवारण शिविर, कृषक प्रशिक्षण, कृषक-वैज्ञानिक संवाद, प्रथम पंक्ति प्रदर्शन जैसे आयोजनों में भी इस निदेशालय की सक्रिय भागीदारी रहती है। विश्वविद्यालय के एक महत्वपूर्ण अंग के रूप में यह निदेशालय प्रसार शिक्षा कार्यक्रमों के दिशा-निर्देश, निगरानी और मूल्यांकन जैसे कार्य करता है। इस कारण राजुवास का प्रसार शिक्षा निदेशालय प्रशिक्षण, सलाहकारी सेवाएं और संचार जैसे तीन प्रमुख क्षेत्रों में कार्य कर रहा है।

राज्य के 13 जिलों में पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवंअनुसंधान केन्द्रों की स्थापना

सरकार की मंशा के अनुरूप प्रत्येक जिले में विश्वविद्यालय का एक प्रशिक्षण एवं अनुसंधान केन्द्र खोला जाना है जहां पर वर्तमान में विश्वविद्यालय का कोई केन्द्र नहीं है। इसी नीति के तहत अब तक 13 जिलों में ऐसे केन्द्र स्थापित किये जा चुके हैं। इन प्रशिक्षण एवं अनुसंधान केन्द्रों के माध्यम से पशुपालकों को नवीनतम तकनीकें तीव्र गति से प्रसारित की जा रही है। साथ ही स्थानीय समस्याओं पर अनुसंधान एवं उनका समाधान भी जिले में ही संभव हो पा रहा है। इन केन्द्रों पर दो प्रयोगशालाएं भी स्थापित की जा रही हैं, जिसमें रोग निदान तथा चारे-दाने की जांच भी हो सकेगी। अब तक बाकलिया (नागौर), सूरतगढ़, चूरू, कुम्हेर (भरतपुर), अजमेर, सिरोंही, डूंगरपुर, टोंक, धौलपुर, चित्तौड़गढ़, लूणकरणसर (बीकानेर) तथा जोधपुर में 13 पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्रों की स्थापना करके पशुपालन सेवाओं के सुदृढीकरण का कार्य किया जा रहा है।

कृषि विज्ञान केन्द्र

विश्वविद्यालय का पहला कृषि विज्ञान केन्द्र, हनुमानगढ़ जिले के नोहर कस्बे के चक-27-एन.टी.आर. में स्थापित है। कृषि विज्ञान केन्द्र द्वारा ऑन फॉर्म ट्रायल, प्रथम पंक्ति प्रदर्शन, पशुपालकों और खेतिहर महिलाओं के लिए संस्थापित और गैर संस्थानिक प्रशिक्षणों सहित प्रसार शिक्षा के तहत क्षेत्रीय दिवस, किसान मेला, किसान गोष्ठी, प्रदर्शनी, परिणामों का प्रदर्शन, वैज्ञानिकों का भ्रमण, कृषकों का भ्रमण, पशुचिकित्सा शिविर, फॉर्म साईंस क्लब, स्वयं सहायता समूहों के संयोजकों का सम्मेलन जैसे कार्य किये जाते हैं। यह कृषि विज्ञान केन्द्र नवतकनीक और प्रौद्योगिकी को पशुपालकों तक हस्तांतरण के महती कार्य में जुटा हुआ है।

दूरस्थ क्षेत्रों के लिए प्रसार शिक्षा कार्यक्रम

प्रशिक्षणों का आयोजन :

राज्य में पशुधन उत्पादकता को बढ़ाने और पशुपालकों की आजीविका को बढ़ाने के लिए पशुपालन के विषयों पर प्रसार सेवाओं के तहत नियमित तौर पर प्रशिक्षण कार्यक्रमों का आयोजन किया जाता है। इसके अलावा “एनीमल डिजीज डायग्नोसिस एण्ड कंट्रोल” के लिए बनाए गए विशिष्ट प्रशिक्षण द्वारा देश के पशुचिकित्सकों और पेटावेट्स को प्रशिक्षित किया जाता है ताकि पशुचिकित्सा कार्मिकों की दक्षता का

विकास हो, जिससे वे उन्नत नई पशुचिकित्सा तकनीक में पशुरोगों के शीघ्र निदान में सहयोगी बनकर पशुचिकित्सा सेवाओं को प्रभावी रूप से अंजाम दे सकें।

पशु बांझपन निवारण और चिकित्सा शिविरों का आयोजन :

दूरस्थ क्षेत्रों में पशुओं के बांझपन निवारण और पशु रोगों के उपचार के लिए समय-समय पर शिविरों का आयोजन विश्वविद्यालय करता है, जिससे पशुचिकित्सा सेवाओं का उपयोग पशु कल्याण और पशुपालकों के गांवों तक किया जा सके। इन शिविरों के माध्यम से पशुपालकों को मिलने वाली पशुचिकित्सा सेवाओं के साथ पशुपालन तकनीक को पशुपालकों तक पहुंचाने और पशु उत्पादकता और पशुधन स्वास्थ्य को उत्तम बनाए रखने में मदद मिलती है।

धींणें री बात्यां-वैज्ञानिक वार्ताओं का रेडियो प्रसारण :

पशुपालकों और कृषकों के लिए वेटरनरी विश्वविद्यालय के प्रसार शिक्षा निदेशालय द्वारा तैयार “धींणें री बात्यां” रेडियो कार्यक्रम का प्रसारण 10 जनवरी, 2013 (गुरुवार) से शुरू किया गया। राज्य के सभी 17 आकाशवाणी केन्द्रों से माह के प्रत्येक गुरुवार की सांय 5:30 बजे से इसका प्रसारण किया जा रहा है। प्रत्येक गुरुवार को 30 मिनट अवधि के “धींणें री बात्यां” में विश्वविद्यालय के पशुचिकित्सा एवं पशुपालन के विशेषज्ञों द्वारा उपयोगी सामयिक वार्ताएं और नवीन तकनीकी और पशुपालन क्षेत्र में आ रहे नवाचारों के बारे में जानकारी दी जाती है। इसका लाभ पूरे राज्य के लोगों को मिल रहा है। इसके अलावा सम-सामयिक विषयों की जानकारी में पशु आहार, प्रजनन, पशु प्रबंधन, पशु स्वास्थ्य पर चर्चा से पशुधन उत्पादन बढ़ाने और निरोगी पशुओं के लिए पशुपालकों को मार्गदर्शन मिलता है।

उपयोगी प्रकाशन वेबसाइट पर उपलब्ध :

विश्वविद्यालय द्वारा किसान व पशुपालकों के हित में अपने सभी प्रकाशनों को विश्वविद्यालय की वेबसाइट पर उपलब्ध करवाये जाते हैं। सभी अंकों सहित किसानोपयोगी सभी प्रकाशन विश्वविद्यालय की वेबसाइट पर उपलब्ध हैं।

मासिक पत्रिका “पशुपालन नए आयाम” :

विश्वविद्यालय के प्रसार शिक्षा निदेशालय द्वारा प्रतिमाह एक मासिक पत्रिका “पशुपालन नए आयाम” का प्रकाशन किया जा रहा है। यह प्रकाशन पशुपालकों के घर तक डाक द्वारा प्रेषित किया जा रहा है। इस पत्रिका में पशुपालकों को पशुपालन उपयोगी तकनीकी और वैज्ञानिक जानकारी, पशु रोगों और उनके उपचार के साथ-साथ पौष्टिक आहार, प्रजनन और पशु प्रबंधन के विभिन्न पहलुओं की जानकारी दी जाती है। इस पत्रिका में कृषि और पशुपालन संबंधी महत्वपूर्ण समाचार, पशु रोग पूर्वानुमान बुलेटिन, ऑल इन्डिया रेडियो से प्रसारित “धींणें री बात्यां” कार्यक्रम की सूचना भी दी जाती है।



(प्रो. अवधेश प्रताप सिंह)
निदेशक प्रसार शिक्षा

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DIRECTORATE OF EXTENSION EDUCATION

(प्रसार शिक्षा निदेशालय)



ANNUAL PROGRESS REPORT (2017-18)



**Rajasthan University of Veterinary &
Animal Sciences, Bikaner - 334001**
Directorate of Extension Education, Bikaner

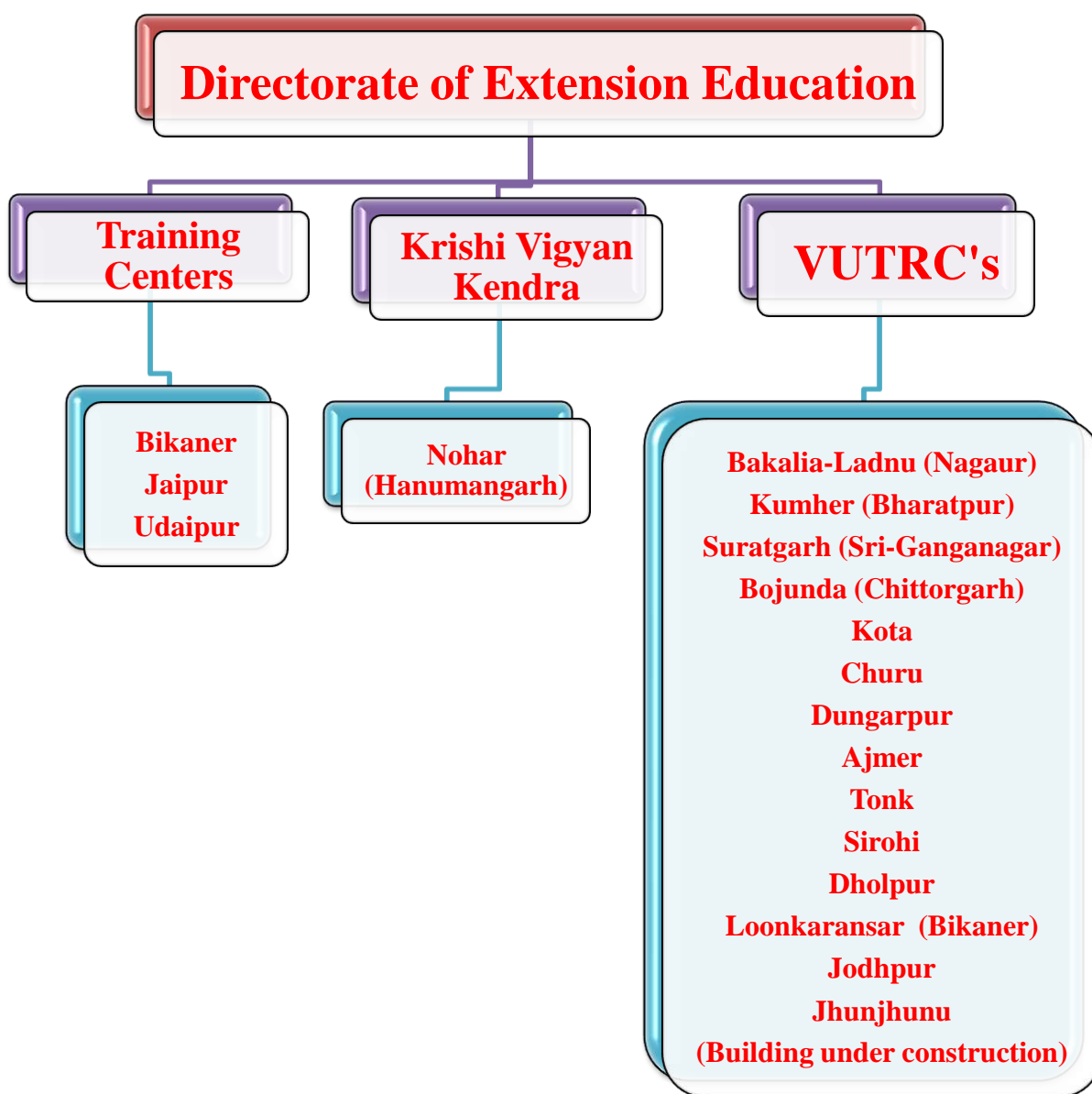


Rajasthan University of Veterinary and Animal Sciences, Bikaner

The Directorate of Extension Education is the nodal agency of Rajasthan University of Veterinary and Animal Sciences, Bikaner for promoting livestock development in the State through quick transfer of technology by providing scientific training, advisory and forecasting of disease outbreaks and their prevention for the benefit of farmers. Extension Education one of the pillar of the university, is working for the technology transfer to the farming communities through its various programmes. Under an umbrella of the Directorate of Extension, the work of the field extension is mainly carried out through university's colleges, training centres, KVK, VUTRC's and Centres sanctioned under State plan for the livestock, dairy, poultry and fish farmers. Imparting skill based training for strengthening the entrepreneurial activities in the rural areas; the directorate is actively involved in training and capacity building initiatives for the farmers and the unemployed youth across the state. The Directorate being a crucial organ of the University also provides guidelines as well as monitor and evaluate the extension programmes. Taking the problem from the field to the research units and bringing the solutions for the farmer's problem is crucial and the extension is striving to build this linkage in the most effective manner through various outreach programmes. It also involves organization of Animal Treatment & Infertility treatment camps, Farmers training, Exhibition, Farmers- Scientist Interaction, Front-line demonstration etc. 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 organisations. Use of traditional and modern technologies transfer for effective outreach is the prime objective of the University. The University is routinely carrying out technology identification, assessment and technology transfer to the farming communities in active collaboration with the various development departments of the Centre and State. With a view to extend the outreach programmes of university, efforts are being made to strengthen the extension wing of the university as well as the college to make reasonable impact in the technology dissemination. Extension is striving to bring the changes through the modern technology adoption in animal husbandry, dairy technology and fisheries for sustainable development and improved productivity for the farming communities. The directorate also extends its support to the State Animal Husbandry Department by publishing literature on different disciplines of veterinary and allied sciences. Thus, three principal functional areas of the Directorate of Extension Education, RAJUVAS, at present are training, advisory and communication.

RAJUVAS has been a leader in the rapid development of its infrastructure of extension education since 2011. The Directorate of Extension Education is headed by the Director of Extension Education, who is assisted by Additional Director, Deputy Director, and Assistant Director. At present positions of Additional Director, Deputy Director, and Assistant Director are vacant. Other faculty members of different VUTRC are working under the technical control of Directorate.

Organizational Structure:



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 Directorate of Extension Education, Bikaner

- A Krishi Vigyan Kendra (KVK) at Nohar (Hanumangarh) has been established and functional.
- Fourteen Veterinary University Training and Research Centres (VUTRCs) have been sanctioned and out of these thirteen functional at Nagaur, Suratgarh, Bharatpur, Chittorgarh, Tonk, Dungarpur, Sirohi, Kota, Ajmer, Churu, Dholpur, Loonkaransar and Jodhpur. The building of VUTRC, Jhunjhnu is under construction.
- Radio Programme “*Dhine Re Batyaa*” for livestock farmers from 17 All India Radio Stations of Rajasthan is broadcasted on Thursday of every week at 5:30 to 6:00 PM.
- Trainings for the livestock farmers are conducted regularly by DEE, KVK and VUTRC’s.
- Animal treatment camps on tackling infertility are organizing regularly.
- DEE is regularly bringing out monthly publication “Pashu Palan Naye Aayam”.
- Toll free helpline is working for the benefit of livestock farmers, veterinary doctors and students.
- Arranging exhibitions in State and National level fair organized for the farmer’s community.

Sanctioned Staff Strength of DEE

SN	Name of Post	No. of Post	Pay-Band	Grade Pay
1	Director	1	37400-67000	10000
2	Addl. Director	1	37400-67000	10000
3	Associate Professor (Dy.Dir.)	1	37400-67000	9000
4	Assistant Director 3/16	1	15600-39100	6000
5	Accountant 2/12	1	9300-34800	3600
6	Personal Assistant 2/12	1	9300-34800	3600
7	U.D.C. 1/9	1	5200-20200	2400
8	L.D.C. 1/6	1	5200-20200	1900
9	Class-IV 1/S-1	2	4750-7440	1300
	Total	10		

Present Staff Strength of DEE:

SN	Name of Post	No. of Post
1.	Director	1
2.	Additional Director	1
3.	Personal Assistant	1
4.	Accountant	1
5.	Class-IV	1
6.	Class-IV	1
7.	Computer operator (Through Placement Agency)	2
	Total	8

Out Reach Extension Programmes**1. Krishi Vigyan Kendra (KVK), Nohar**

The first "**Krishi Vigyan Kendra**" was sanctioned to the university by ICAR, New Delhi at Chak-27-NTR, Nohar (Hunumangarh) on 100% financing basis. From the available land of LRS, Nohar 81 bighas land was allotted for the KVK by the University. The KVK started its functioning on 9th 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, kisan mela, kisan gosthi, 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 knowhow and new technologies to the farmers besides updating their skill and competence.



**Sanctioned Staff Strength of KVK:**

S. No	Name of Post	No. of post	Pay Scale	Grade Pay
1.	Programme Coordinator	1	15600-39100	8000
2.	Subject Matter Specialist	6	15600-39100	5400
3.	Technical Assistant (Farm Manager)	1	9300-34800	3600
4.	Programmer Assistant (Computer)	1	9300-34800	3600
5.	Programme Assistant (Lab Tech.)	1	9300-34800	3600
6.	Stenographer	1	9300-34800	3200
7.	Assistant	1	9300-34800	3200
8.	Driver cum mechanic	2	5200-20200	1900
9.	Supporting staff	2	4750-7440	1300
	Total	16		

Present Staff Strength of KVK:

S. No	Name of Post	No. of post	Name	Designation
1.	Programme Coordinator	1	Dr. Manohar Lal Sain	Assistant Professor (Incharge)
2.	Subject Matter Specialist	5	Dr. Naveen Saini Sh. Akshaya Ghintala Sh. Bhairu Singh Ms. Anjali Sharma Sh. Mukesh Kumar Verma	Teaching Associate Teaching Associate Teaching Associate Teaching Associate Teaching Associate
3.	Programmer Assistant (Computer)	1	Through Placement Agency	
4.	Accountant	1	Through Placement Agency	
5.	Driver	1	Through Placement Agency	
6.	Supporting staff	2	Through Placement Agency	
	Total	10		

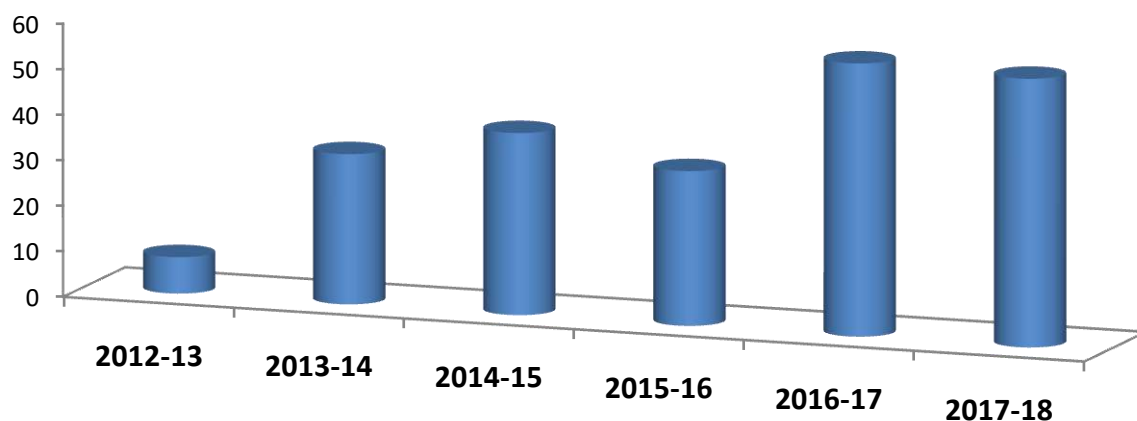
Extension Activities Organized by KVK (2017-18)

Centre	Off Campus Training	On Campus Training	Animal Treatment Camp	Vichar/ Kishan Gosthi	Farmer Scientist Interaction	Field day	Exhibition	Total Participant
KVK, Nohar	40	19	-	15	-	11	6	4953
Total	40	19	-	15	-	11	6	4953

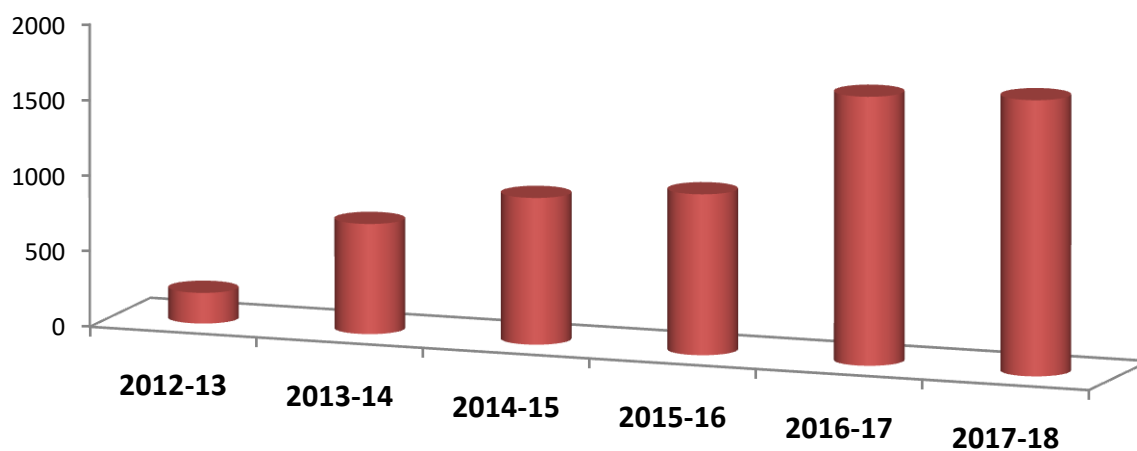
Total Trainings Organized by KVK, Nohar (2012-2018)

KVK, Nohar	No. of Training	Total participants
2012-13	08	203
2013-14	33	729
2014-15	40	971
2015-16	34	1039
2016-17	60	1780
2017-18	59	1827
Total	234	6549

Training Programme organized by KVK, Nohar



Participants Benefitted by Trainings organized by KVK, Nohar



2. Veterinary University Training and Research Centers (VUTRCs)

The mandate of Veterinary University Training and Research Centre (VUTRC) is to impart service of trainings to farmers on new technologies of animal husbandry and veterinary science to sustain and improve production of animal for better livelihood of farmers.

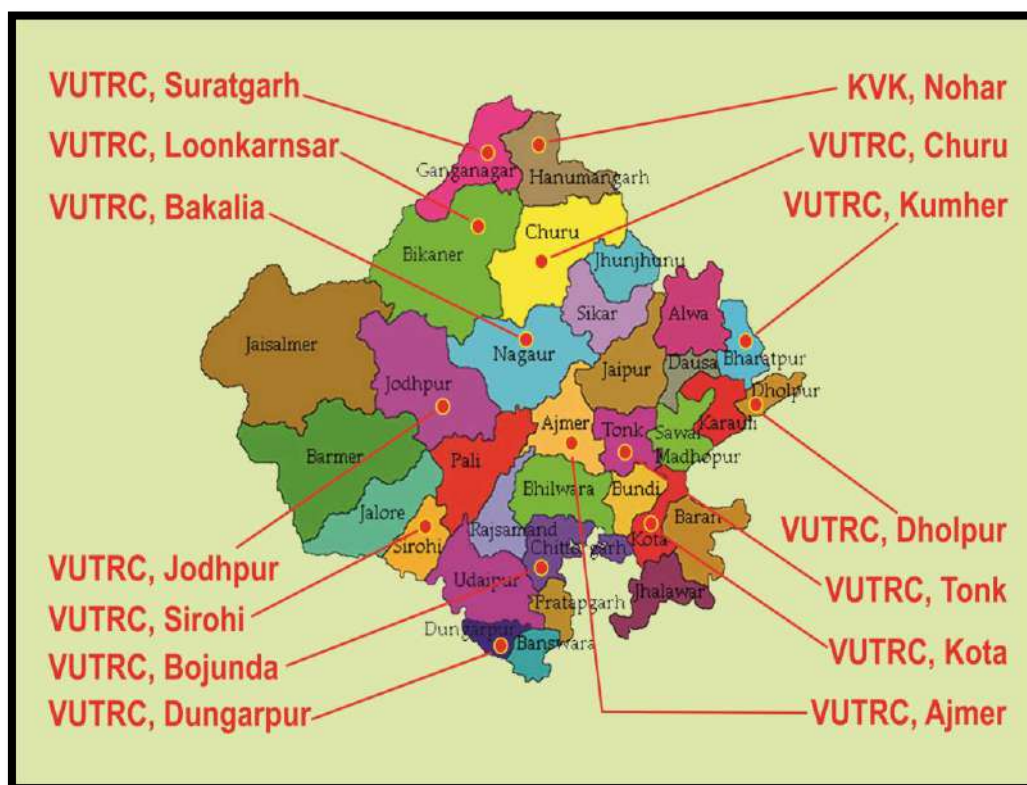
VUTRC at district level is venturing to penetrate up to each livestock owner of the state for enhancing animal productivity and profitability from livestock sector. This project has been appreciated as well as accepted by the Government of Rajasthan and the activity has

been included in the plan of State. Establishment of centre at district level enables the dissemination of latest fruitful technologies at faster rate to the end users. Livestock owners are envisaged to have a direct communication with scientists and extension workers not only to solve their immediate problems but also to receive trainings and technologies. The farmers and field staff will receive services of subject matter specialists for adoption of technologies in addition to facilities of diagnosis and treatment of diseases and testing of feed quality as well as animal produce. All these centers are expected to improve the status of animal husbandry in all dimensions for improvement in status of animal production, productivity and health of animal for better livelihood of farmers.

Out of Fourteen VUTRCs, thirteen at Bakalia (Nagaur), Suratgarh (Sriganganagar), Kumher (Bharatpur), Bojunda (Chittorgarh), Churu, Tonk, Dungarpur, Sirohi, Kota, Ajmer, Dholpur, Loonkaranser (Bikaner) and Jodhpur have become operational. The construction of buildings at Bakalia (Nagaur) and Suratgarh (Sriganganagar), Kumher (Bharatpur), Bojunda (Chittorgarh), Dholpur, Sirohi and Loonkaranser (Bikaner) has been completed and centers have been shifted. The land for VUTRC in Dungarpur, Churu, Tonk, Kota and Jhunjhunu has been procured and construction is started at Jhunjhunu and Dungarpur. The procurement of land at other districts is also under process.

Objectives of VUTRC's:

- ❖ To impart trainings, enhance awareness and to conduct demonstrations regarding breeding, feeding, management and health care of various species of animals to enhance animal productivity.
- ❖ To disseminate technology at grass root level for improvement in animal productivity as well as socio-economic status of rural masses.
- ❖ Identification of local problems and to impart knowledge as well as prepare technology modules to mitigate the problems.
- ❖ To provide livestock and farm advisory services through various extension activity including literature for quick dissemination of technology.
- ❖ To assess and refine the latest technologies developed under control condition in field for their wider adaptation and collecting feedback information from field and generate production data for livestock farming.
- ❖ To have provision of services for animal disease diagnosis and treatments testing of feed & fodder as well as animal products.



Sanctioned Staff Strength of VUTRC's

S.No	Name of Post	No. of Post	Pay-Band	Grade Pay
1.	Associate Professor	11	37400-67000	9000
2.	Assistant Professor	22	15600-39100	6000
3.	Technical Assistant	22	9300-34800	4200
4.	LD.C.	10	5200-20200	2400
5.	L.D.C. 1/6	10	5200-20200	1900
6.	Driver	5	5200-20200	2400
7.	Driver 1/6	6	5200-20200	1900
8.	Class-VI	5	5200-20200	1700
9.	Class-VI 1/S-1	5	4740-7440	1300
10.	Lab. Attendant	6	5200-20200	1700
11.	Lab. Attendant 1/S-2	6	4750-7440	1400
12.	Helper	5	5200-20200	1700
13.	Helper 1/S-2	6	4750-7440	1400
Total		119		

Present Staff Position in VUTRC's (2017-18)

S.No	Name of Employee	Designation	Post/Filled
VUTRC, Churu			
1.	Dr. Atul Shanker Arora	Incharge & Assistant Professor	01
2.	Dr. Sushil Kumar Meena	Teaching Associate	01
3.	Dr. Subash Kumar	Teaching Associate	01
4.		LSA	01
5.		Skilled	01



VUTRC, Kumher			
1.	Dr. Arun Kumar Soni	Incharge & Assistant Professor	01
2.	Dr. Munesh Kumar Pushp	Teaching Associate	01
3.	Dr. Rohit Kumar Tiwari	Teaching Associate	01
4.		LSA	01
5.		Skilled	01
6.		Unskilled	01
VUTRC, Tonk			
1.	Dr. Ashok Baindha	Incharge & Assistant Professor	01
2.	Dr. Vikaram Singh Deval	Teaching Associate	01
3.	Dr. Deepak Gill	Teaching Associate	01
4.		LSA	01
5.		Skilled	01
6.		Unskilled	01
VUTRC, Bakalia (Nagaur)			
1.	Dr. Atul Shanker Arora	Incharge & Assistant Professor	01
2.	Dr. Parmjeet	Teaching Associate	01
3.		LSA	01
4.		Skilled	01
5.		Unskilled	01
VUTRC, Dungarpur			
1.	Dr. Rajesh Singathia	Incharge & Assistant Professor	01
2.	Dr. Sunil Rajoria	Teaching Associate	01
3.	Dr. Virendra Kumar	Teaching Associate	01
VUTRC, Kota			
1.	Dr. Ashok Baindha	Incharge & Assistant Professor	01
2.	Dr. Nikhil Shringi	Teaching Associate	01
3.		Computer Operator	01
4.		LSA	01
5.		Skilled	01
6.		Unskilled	01
VUTRC, Suratgarh			
1.	Dr. Rajkumar Bairwal	Incharge & Assistant Professor	01
2.	Dr. Anil Ghorela	Teaching Associate	01
3.	Karam Singh	Class-IV	01
4.		Computer Operator	01
5.		LSA	01
6.		Skilled	01
7.		Unskilled	01
VUTRC, Chittorgarh			
1.	Dr. Mukesh Chand Sharma	Incharge & Assistant Professor	01
2.	Dr. Ravinder Kumar	Teaching Associate	02



3.	Dr. Mukesh Kumar Meena	Teaching Associate	
4.		LSA	01
5.		Skilled	01
6.		Unskilled	01
VUTRC Sirohi			
1.	Dr. Sudeep Solanki	Incharge & Assistant Professor	01
2.	Dr. Rabindra Kumar	Teaching Associate	01
3.	Dr. Kamal Mohan	Teaching Associate	01
4.		LSA	01
5.		Skilled	01
6.		Unskilled	01
VUTRC, Ajmer			
1.	Dr. Roshan lal Dev	Incharge, Retd. Joint Director	01
2.	Dr. G.N. Mathur (Against the post of Additional Director of DEE)	Retd. Professor	01
3.		LSA	01
VUTRC, Loonkaransar			
1.	Dr. Rajkumar Bariwal	Incharge & Assistant Professor	01
2.	Dr. Rajkumar	Teaching Associate	01
3.	Dr. Hemant Kumar Jedia	Teaching Associate	01
4.		LSA	01
5.		Skilled	01
6.		Unskilled	01
VUTRC, Dholpur			
1.	Dr. Subash Chand Yadav	Incharge & Assistant Professor	01
2.	Dr. Pradeep Pal Singh	Teaching Associate	01
3.	Dr. Parmal Singh	Teaching Associate	01
4.		LSA	01
5.		Skilled	01
6.		Unskilled	01
VUTRC, Jodhpur			
1.	Dr. Sudeep Solanki	Incharge & Assistant Professor	01
2.	Dr. Amit Kumar Chotiya	Teaching Associate	01
3.	Dr. Mahendra Pal Puniya	Teaching Associate	01
4.		Computer Professional Service	01
5.		Computer Operator	01
Total			70



वैटरनरी विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्रों हेतु भूमि आवंटन की वर्तमान स्थिति

क्र.स	स्थान	रकबा (बीघोंमें)	किस विभाग के स्तर पर भूमि आवंटन हेतु प्रस्ताव लम्बित है।	वर्तमान स्थिति	विशेष विवरण
1	वीयूटीआरसी, बाकलिया-नागौर	10.00 बीघा	पशुपालन विभाग की भूमि विश्वविद्यालय को हस्तान्तरण की गई	कब्जा प्राप्त कर राजस्व रिकार्ड में विश्वविद्यालय के नाम नामान्तरण हो चुकी	भवन निर्माण पूर्ण
2	वीयूटीआरसी, सूरतगढ़ (श्रीगंगानगर)	11531.58 वर्गमीटर	पशुपालन विभाग की भूमि विश्वविद्यालय को हस्तान्तरण की गई	कब्जा प्राप्त कर भूमि राजस्व रिकार्ड में विश्वविद्यालय के नाम नामान्तरण हो चुकी है	भवन निर्माण पूर्ण
3	वीयूटीआरसी कुम्हेर (भरतपुर)	58X74 मीटर	पशुपालन विभाग की भूमि विश्वविद्यालय को हस्तान्तरण की गई	पूर्ण कब्जा प्राप्त कर लिया गया परन्तु उक्त भूमि नजूल सम्पत्ति होने के कारण राजस्व रिकार्ड में विश्वविद्यालय के नाम नामान्तरण नहीं हुई	भवन निर्माण पूर्ण
4	वीयूटीआरसी, बौजूंदा (चित्तौड़गढ़)	120.46 हैक्टर	पशुपालन विभाग की भूमि विश्वविद्यालय को हस्तान्तरण की गई	कब्जा प्राप्त कर लिया गया है।	भवन निर्माण पूर्ण
5	वीयूटीआरसी, लूणकरणसर (बीकानेर)	76X76 मीटर	पशुपालन विभाग की भूमि विश्वविद्यालय को हस्तान्तरण की गई	कब्जा प्राप्त कर लिया गया है।	भवन निर्माण पूर्ण
6	वीयूटीआरसी, कोलर (सिरोही)	12.10 बीघा	राजस्व विभाग, सिरोही से विश्वविद्यालय को भूमि प्राप्त हुई।	भूमि का कब्जा प्राप्त कर राजस्व रिकार्ड में विश्वविद्यालय के नाम दर्ज कर लिया गया है।	भवन निर्माण पूर्ण
7	वीयूटीआरसी, धौलपुर	3.19 बीघा	राजस्व विभाग से ग्राम ताल ओडेला जिला धौलपुर में विश्वविद्यालय को भूमि आवंटित हो चुकी है	भूमि का कब्जा प्राप्त कर लिया गया है।	भवन निर्माण पूर्ण
8	वीयूटीआरसी, डूंगरपुर	12.00 बीघा	जिला कलक्टर, डूंगरपुर से भूमि प्राप्त हुई।	भूमि का कब्जा प्राप्त कर राजस्व रिकार्ड में दर्ज कर लिया गया है	भवन निर्माणाधीन
9	वीयूटीआरसी, रतनगढ़ (चूरु)	02.18 बीघा	राजस्व विभाग रतनगढ़ से भूमि का कब्जा प्राप्त कर लिया गया है।	भूमि का कब्जा प्राप्त कर राजस्व रिकार्ड में दर्ज कर लिया गया है।	भवननिर्माण प्रक्रियाधीन
10	वीयूटीआरसी, टोंक	50 एकड़	भूमि आवंटित हो चुकी है।	वर्तमान में कार्यालय बहुउद्देशीय पशुचिकित्सालय टोंक परिसर में आवासीय क्वार्टर में चल रहा है	भवननिर्माण प्रक्रियाधीन
11	वीयूटीआरसी, कोटा	0.80 हैक्टर	भूमि आवंटन हो चुका है।	वर्तमान में कार्यालय बहुउद्देशीय पशुचिकित्सालय कोटा परिसर में चल रहा है	भवननिर्माण प्रक्रियाधीन
12	वीयूटीआरसी, अजमेर	—	भूमि आवंटन हेतु विश्वविद्यालय स्तर से प्रस्ताव निदेशक, पशुपालन विभाग, जयपुर के स्तर पर लम्बित है	सामान्य प्रशासन विभाग, जयपुर से राजकीय आवास सं. 37-42 जीएडी क्वार्टर्स, लोहागल रोड, अजमेर में केन्द्र हेतु क्वार्टर का आवंटन प्रक्रियाधीन	राजकीय आवास आवंटन हो चुका है।
13	वीयूटीआरसी, झुन्झुनू	1.00 हैक्टर	राजस्व विभाग झुन्झुनू से ग्राम सिरियासर कलां (झुन्झुनू) में भूमि का कब्जा प्राप्त कर लिया गया है।	भूमि का कब्जा प्राप्त कर राजस्व रिकार्ड में दर्ज होना बाकी है।	भवननिर्माणाधीन
14	वीयूटीआरसी, जोधपुर	5.00 बीघा	भूमि आवंटन की प्रक्रिया शासन स्तर पर लम्बित।	ग्राम गेवा (जोधपुर) में 5.00 बीघा भूमि आवंटन हेतु प्रस्ताव जिला कलक्टर एवं नगर निगम, जोधपुर से पारित	भवननिर्माण प्रक्रियाधीन
15	वीयूटीआरसी, झालावाड़	5 बीघा	राजस्व विभाग, झालावाड़ से विश्वविद्यालय को भूमि प्राप्त हुई।	भवननिर्माण प्रक्रियाधीन

3. Dhine Re Batya "Radio Programme

University in its outreach activities exclusively for the farmers started a sponsored programme entitled "*Dhine Re Batya*" on All India Radio from 10th January, 2013 from Bikaner Aakashwani Kendra. The programme was broad cast on every Thursday from 7.15 PM to 7.45 PM. Later, with the success of programme and upon receiving vast appreciation from farmers, on 14th May 2014 the broadcast of programme was extended to entire State i.e. now the programme is broadcasted from all the 17 Aakashwani Kendras of Rajasthan for half an hour from 5.30 PM to 6.00 PM on every Thursday. The sponsored programme is entirely on animal husbandry sector for livestock owners and farmers. The subject matter specialists of different disciplines of veterinary and animal science deliver talks and discuss about various problems of livestock, adaptable technologies, scientific knowledge and other updates that may help the livestock owners for better livelihood from animal husbandry sector and scientific practices in terms of feeding, breeding, management and health control, may be adopted by livestock owners for improving productivity and health status of animals. There are total fifty Programme entitled "*Dhine Re Batya*" on All India Radio completed till 31st March 2018.

वर्ष 2017-18 में प्रत्येक गुरुवार को आकाशवाणी द्वारा प्रसारित कार्यक्रम "धीने री बात्या" में प्रस्तुत वार्ता का विवरण

क्र.स	वार्ताकार का नाम व विभाग	वार्ता का विषय	प्रसारण तिथि
1	डॉ. प्रवीण बिश्नोई पशु शल्य चिकित्सा एवं विकिरण, सीवीएएस, बीकानेर	बछड़ा एवं बछड़ी में पाये जाने वाले सामान्य रोग एवं उनकी रोकथाम	06.04.2017
2	डॉ. मनीषा मेहरा पशु व्याधि विभाग, सीवीएएस, बीकानेर	पशुओं में होने वाले प्रमुख टीकाकरण	13.04.2017
3	डॉ. विजय बिश्नोई पशु उत्पादन एवं प्रबंधन विभाग, सीवीएएस, बीकानेर	जैविक पशुपालन के लाभ	20.04.2017
4	डॉ. अनिल मुलचंदानी पशु जैव रसायन विभाग, सीवीएएस, बीकानेर	पशुओं के लिए खनिज लवण का महत्व	27.04.2017
5	प्रो. जी.एस. मनोहर अधिष्ठाता, सीवीएएस., बीकानेर	पशुओं में खूनी परजीवी जनित बीमारियां व उनसे बचाव	04.05.2017
6	डॉ. मीनाक्षी सरीन पशु जैव रसायन विभाग, सीवीएएस, बीकानेर	मधु मख्खी पालन एक लाभदायक व्यवसाय	11.05.2017
7	प्रो. (डॉ.) कर्नल ए.के. गहलोत कुलपति, राजुवास, बीकानेर	कृषकों की आय बढ़ाने के लिए वैज्ञानिक पशुपालन समय की जरूरत	18.05.2017
8	डॉ. दीपिका गोकलानी पशु औषधि विभाग, सीवीएएस, बीकानेर	गर्मी के मौसम में दुधारु पशुओं का पालन पोषण	25.05.2017
9	डॉ. अनिल कुमार बिश्नोई चिकित्सा एवं विकिरण विभाग, बीकानेर	पशुशल्य पशुओं में घाव होने के पश्चात देखभाल	01.06.2017
10	डॉ. सुरेश झीरवाल चिकित्सा एवं विकिरण विभाग, बीकानेर।	पशुशल्य पशुओं में होने वाले नेत्र रोग एवं उनका उपचार	08.06.2017
11	डॉ. उर्मिला पानु प्रजनन एवं आनुवांशिकी विभाग, बीकानेर	पशु जैविक पशुधन उत्पादन एक सफल व्यवसाय	15.06.2017



12	डॉ. प्रमोद कुमार एवं पशु प्रसूति विभाग, सीवीएएस, बीकानेर	पशुरोग	पशुओं में प्रसव के लक्षण एवं इनकी विभिन्न अवस्थाएं एवं ध्यान रखने योग्य बातें	22.06.2017
13	डॉ. भगतसिंह सैनी शरीर क्रिया विज्ञान विभाग, सीवीएएस, बीकानेर	पशु	पशुओं तथा मुर्गियों में टीकाकरण का महत्व	29.06.2017
14	प्रो. आर.के.धूड़िया निदेशक प्रसार शिक्षा, राजुवास, बीकानेर		पशुओं के अधिक उत्पादन हेतु उन्नत पशुपोषण तकनीक	20.07.2017
15	डॉ. सुनीता पारीक पशु शरीर क्रिया विज्ञान विभाग, सीवीएएस, बीकानेर		उच्च वातावरणीय तापक्रम का पशु शरीर कार्यिकी पर प्रभाव	27.07.2017
16	डॉ. चन्द्रशेखर सारस्वत पशुरोग एवं पशु प्रसूति विभाग, सीवीएएस, बीकानेर		देशी गायों में भ्रूण प्रत्यारोपण तकनीक का उपयोग एवं इसके लाभ	03.08.2017
17	डॉ. नजीर मोहम्मद पशु औषध विभाग, सीवीएएस, बीकानेर		दुधारू पशुओं में मेटाबोलिक (उपापचय) रोगों की पहचान एवं प्रबंधन	10.08.2017
18	डॉ. नीरज शर्मा पशुचिकित्सा एवं पशुपालन प्रसार शिक्षा, सीवीएएस,		पशुपालन के क्षेत्र में उद्यमिता की संभावनाएं	17.08.2017
19	प्रो. बी.एन. श्रृंगी माइक्रोबायोलॉजी विभाग, सीवीएएस, बीकानेर		पशुओं से मनुष्य में होने वाले रोग व उनकी रोकथाम	24.08.2017
20	डॉ. मनीषा माथुर पशु व्याधि विभाग, सीवीएएस, बीकानेर		बरसात के मौसम में होने वाली पशुओं की बीमारियां व उनकी रोकथाम	31.08.2017
21	प्रो. जे.एस. मेहता निदेशक क्लीनिक्स, राजुवास, बीकानेर		पशुओं में ब्यांत के समय रखी जाने वाली सावधानी	07.09.2017
22	प्रो. त्रिभुवन शर्मा अधिष्ठाता, वेटेनरी कॉलेज, बीकानेर		पशुपालन के क्षेत्र में वेटेनरी विश्वविद्यालय का योगदान	14.09.2017
23	प्रो. टी.के. गहलोत सेवानिवृत्त प्रोफेसर, वेटेनरी कॉलेज, बीकानेर		ऊंटों में पाये जाने वाले शल्य रोग व उनका उपचार	21.09.2017
24	जयप्रकाश कच्छावा मेडिसन विभाग, सीवीएएस, बीकानेर		खनिज पदार्थों की कमी से पशुओं में होने वाली बीमारियों एवं उनकी रोकथाम	28.09.2017
25	प्रो. अवधेश प्रताप सिंह निदेशक प्रसार शिक्षा, राजुवास, बीकानेर		पंचगव्य एवं उनकी उपयोगिता	05.10.2017
26	डॉ. अतुलशंकर अरोड़ा प्रभारी अधिकारी, वी.यू.टी.आर.सी, कोटा		पशुपालन में उन्नत तकनीकों का महत्व	12.10.2017
27	डॉ. सूदीप सांलकी अधिकारी, वी.यू.टी.आर.सी, सिरौही	प्रभारी	मुर्गियों में जीवाणु रोग व उनका बचाव	19.10.2017
28	डॉ. अरुण कुमार झीरवाल एल.पी.एम. विभाग, सीवीएएस, बीकानेर		ब्रायलर पालन एक लाभप्रद व्यवसाय	26.10.2017
29	डॉ. साकार पालेचा पशुशल्य चिकित्सा एवं विकिरण विभाग, सीवीएस		पशुओं की जांच एवं इमेजिंग की आधुनिक सुविधा	02.11.2017
30	डॉ. ए.के. पटेल केन्द्रीय भेड़ एवं ऊन अनुसंधान केन्द्र, बीकानेर		मरुस्थल क्षेत्र में उन्नत भेड़-बकरी पालन द्वारा किसानों की आमदनी में वृद्धि	09.11.2017
31	प्रो. हेमन्त दाधीच पशु व्याधि विभाग, सीवीएएस, बीकानेर		शीत ऋतु में होने वाले पशु रोगों के प्रमुख लक्षण एवं उनके बचाव	16.11.2017
32	प्रो. विजय कुमार चौधरी एल.पी.एम., सीवीएएस, बीकानेर		दुधारू पशुओं का चयन एवं प्रबंधन	23.11.2017
33	प्रो. अञ्जु चाहर वेटेनरी मेडिसन विभाग, सीवीएएस, बीकानेर		अश्वों की संक्रामक बीमारियां एवं उनके बचाव	30.11.2017
34	डॉ. देवीसिंह राजपूत प्रसार शिक्षा विभाग, सीवीएएस, बीकानेर	पशु	दुधारू गायों के चयन हेतु सुझाव	07.12.2017



35	डॉ. रजनी जोशी जनस्वास्थ्य विभाग, सी.वी.ए.एस., बीकानेर	ऊंटों में होने वाले प्रमुख रोगों का कारण एवं उनका निवारण	14.12.2017
36	डॉ. एस.सी. गोस्वामी अधिष्ठाता, छात्र कल्याण, राजुवास, बीकानेर	नवजात बछड़ों में सर्दी से बचाव व प्रबंधन	21.12.2017
37	डॉ. महेन्द्र तंवर पशुशल्य चिकित्सा एवं विकिरण विभाग, सीवीएएस	गौ जातियों में वक्ष उदर शल्य विकार व निदान	28.12.2017
38	डॉ. शेष आसोपा पशु व्याधि विभाग, सीवीएएस, बीकानेर	भैंसों में होने वाले प्रमुख रोगों का कारण एवं उनका निवारण	04.01.2018
39	डॉ. रश्मि सिंह पी.जी.आई.वी.ई.आर. जयपुर	पशुओं में उपापचयीय रोग एवं उनका निदान	11.01.2018
40	डॉ. मनोहर लाल सैन वैटरनरी कॉलेज, बीकानेर	पशुओं में पाचन सम्बन्धित सामान्य रोग एवं उनकी रोकथाम	18.01.2018
41	डॉ. सुनीता पारीक पशु शरीर क्रिया विज्ञान विभाग, सीवीएएस, बीकानेर	पशुओं में अधिक दुग्ध उत्पादन के लिए सन्तुलित पशु आहार की उपलब्धता	25.01.2018
42	डॉ. सी.के. मूरड़िया सेवानिवृत्त प्रोफेसर, वैटरनरी कॉलेज, बीकानेर	पशु प्रजनन से नस्ल सुधार सम्भव	01.02.2018
43	प्रो. राधेश्याम आर्य पशुपोषण विभाग, सीवीएएस, बीकानेर	दुधारू पशुओं के खान-पान का रख रखाव	08.02.2018
44	प्रो. रुचि मान पशु शरीर क्रिया विज्ञान विभाग, सीवीएएस, बीकानेर	पशुओं की बढ़वार न होने के कारण व उनका निवारण	15.02.2018
45	डॉ. तरुण प्रीत वैटरनरी कॉलेज, नवानियां	पशुओं में रक्त परजीवी जनित रोग व उनका बचाव	22.02.2018
46	डॉ. नरेन्द्रसिंह राठौड़ रसायन विभाग, सीवीएएस, बीकानेर	पशुओं में भ्रूण प्रत्यारोपण तकनीक के फायदे	01.03.2018
47	डॉ. निर्मला सैनी सी.एस.डब्ल्यू.आर.आई., बीकानेर	भैड़ों में अधिक उत्पादन एवं प्रजनन हेतु सन्तुलित आहार वटिका	08.03.2018
48	डॉ. प्रमोद धतरवाल पशुरोग एवं पशु प्रसूति विभाग, सीवीएएस, बीकानेर	मादा पशुओं में ब्यांत के बाद की देखभाल व जेर रूकने के कारण व निवारण	15.03.2018
49	डॉ. मनीषा माथुर व्याधि विभाग, सीवीएएस, बीकानेर	पशु मौसमी बदलाव के कारण पशुओं में होने वाले रोग एवं उनसे बचाव	22.03.2018
50	डॉ. मदन मोहन माली आई.वी.ई.आर. जयपुर	पशुओं में थनैला रोग के कारण एवं बचाव व उपचार	29.03.2018

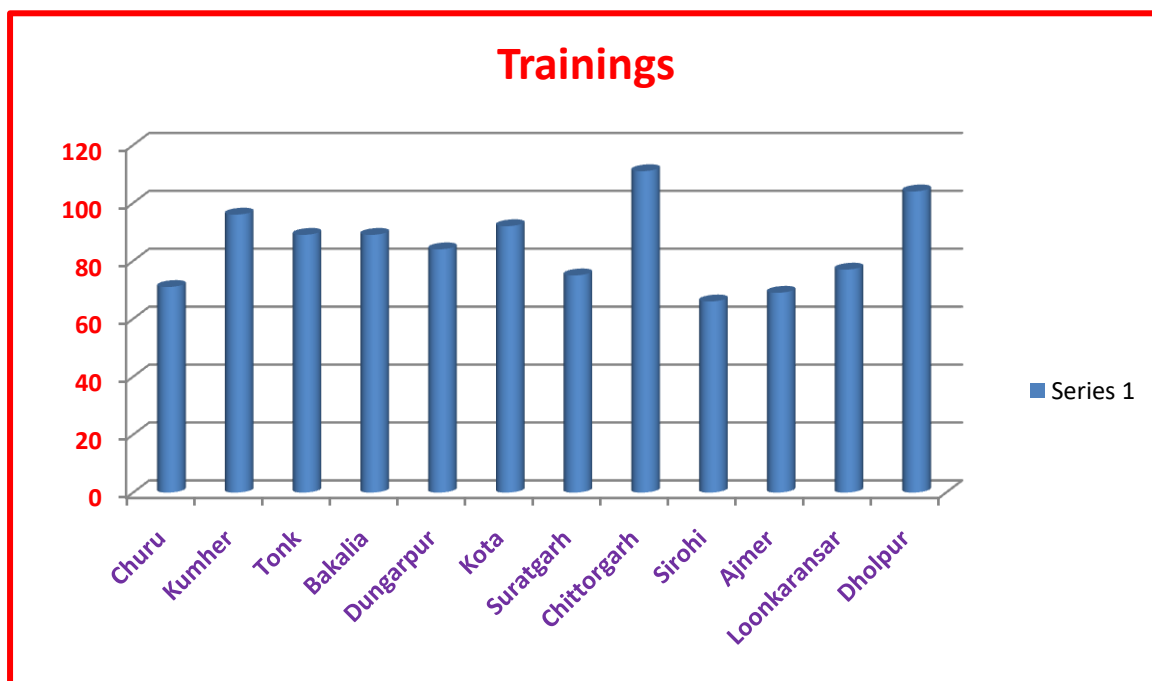
4. Organizations of Training Programmes:

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. Over and above this, a specially designed training on "Animal Disease Diagnosis and Control" is provided to the field veterinarians and para-vets from all over the country so as to improve the skills of veterinary staff engaged in the field for the disease diagnosis and control of disease as well as to make them acquainted with new technologies generated with advancements in the field of disease diagnosis to facilitate the precise and early diagnosis of diseases for rendering efficient veterinary services.

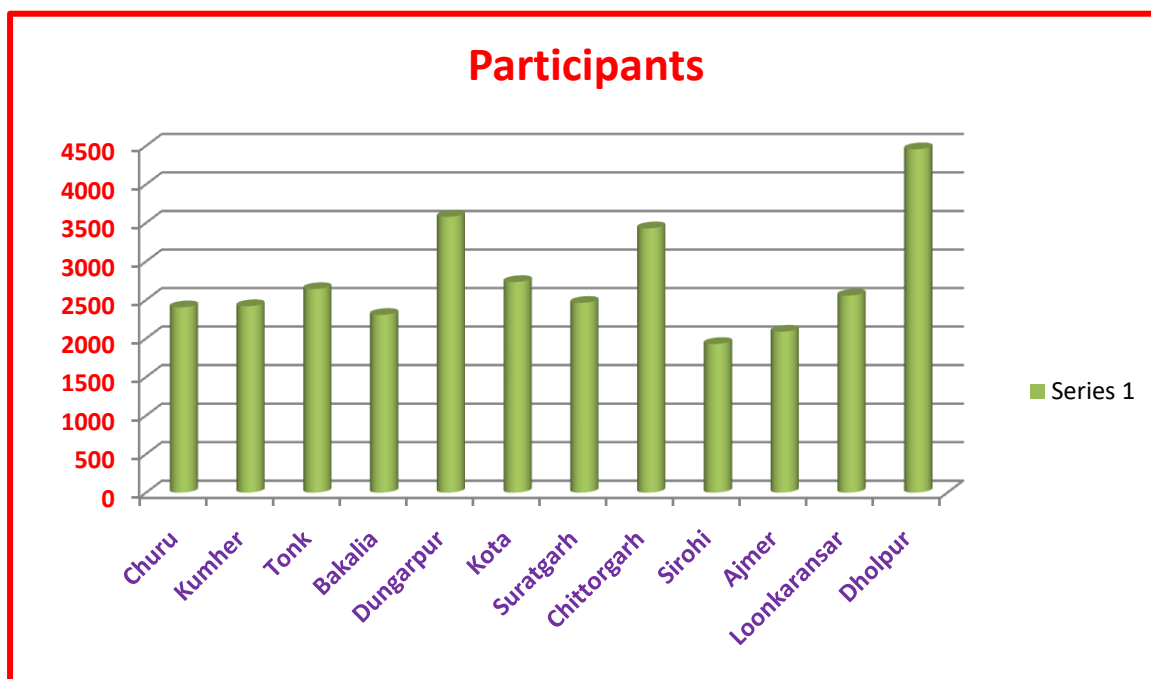
Training Programmes organized by VUTRC's (2017-18)

Centre	Training Programme					
	On campus	Off campus	Total Trainings	Male	Female	Total Participants
VUTRC, Churu	-	71	71	2262	143	2405
VUTRC, Kumher	9	87	96	2049	371	2420
VUTRC, Tonk	3	86	89	1926	716	2642
VUTRC, Bakalia	8	81	89	2052	255	2307
VUTRC, Dungarpur	-	84	84	1131	2447	3578
VUTRC, Kota	1	90	91	2578	155	2733
VUTRC, Suratgarh	12	63	75	2049	414	2463
VUTRC, Chittorgarh	23	88	111	2607	823	3430
VUTRC, Sirohi	-	66	66	1582	347	1929
VUTRC, Ajmer	1	69	70	1301	788	2089
VUTRC, Loonkarsar	7	70	77	2517	40	2557
VUTRC, Dholpur	8	96	104	2372	2084	4456
Total	72	951	1023	24426	8583	33009

Training Programme organized by VUTRCs



Participants Benefitted by Trainings organized by VUTRCs



Training programmes organized by other Centers of RAJUVAS (2017-18)

Centre/Scheme/Project	No. of Trainings	Total Participants
Livestock Feed Resource Management and Technology Centre, Bikaner	8	333
Centre for Conservation of Animal Biodiversity, Bikaner	6	249
Centre For Organic Animal Production Technology, Bikaner	8	472
Center for Disaster Management Technology for Animals, Bikaner	11	410
RKVY project on Establishment of Live Demonstration Models of Diversified Livestock Production Systems for Motivating Adaption to Enhancing Agricultural Income, Bikaner	10	514
Post Graduate Institute of Veterinary Education and Research, Jaipur	29	728
College of Veterinary and Animal Science, Navania, Vallabhnagar, Udaipur	5	293
Total	77	2999



5. Organization of Vichar Gosthi and Farmers-Scientist Interaction

a) Vichar Gosthi

VUTRC	No. of Vichar Gosthi	No. of Participants		
		Male	Female	Total
VUTRC, Churu	05	119	-	119
VUTRC, Kumher	14	180	71	251
VUTRC, Tonk	10	109	-	109
VUTRC, Bakalia	05	91	51	142
VUTRC, Dungarpur	03	56	41	97
VUTRC, Kota	14	186	56	242
VUTRC, Suratgarh	03	246	-	246
VUTRC, Sirohi	10	98	33	131
VUTRC, Ajmer	01	42	-	42
VUTRC, Loonkarnsar	01	20	-	20
VUTRC, Dholpur	08	58	77	135
VUTRC, Chittorgarh	04	75	30	105
Total	78	1280	359	1639

b) Farmers-Scientist Interaction:

VUTRC	Farmers-Scientist Interaction	No. of Participants		
		Male	Female	Total
VUTRC, Churu	03	67	-	67
VUTRC, Bojunda	01	39	-	39
VUTRC, Ajmer	01	50	-	50
VUTRC, Bakalia	01	24	-	24
VUTRC, Kota	06	73	3	76
VUTRC, Sirohi	03	82	15	97
VUTRC, Dholpur	01	5	3	08
Total	16	340	21	361

6. Organization of Treatment and Infertility Camps

The university regularly organizes treatment and infertility camps as a part of its outreach programme in the villages for providing veterinary services for the well being of livestock and farmers at the doorstep of farmers. In camps it is not only that veterinary care service is provided to livestock owners but improved practices of animal husbandry are also disseminated to the farmers for improvement in productivity and health status of animals.

Organization of Treatment and Infertility Camps

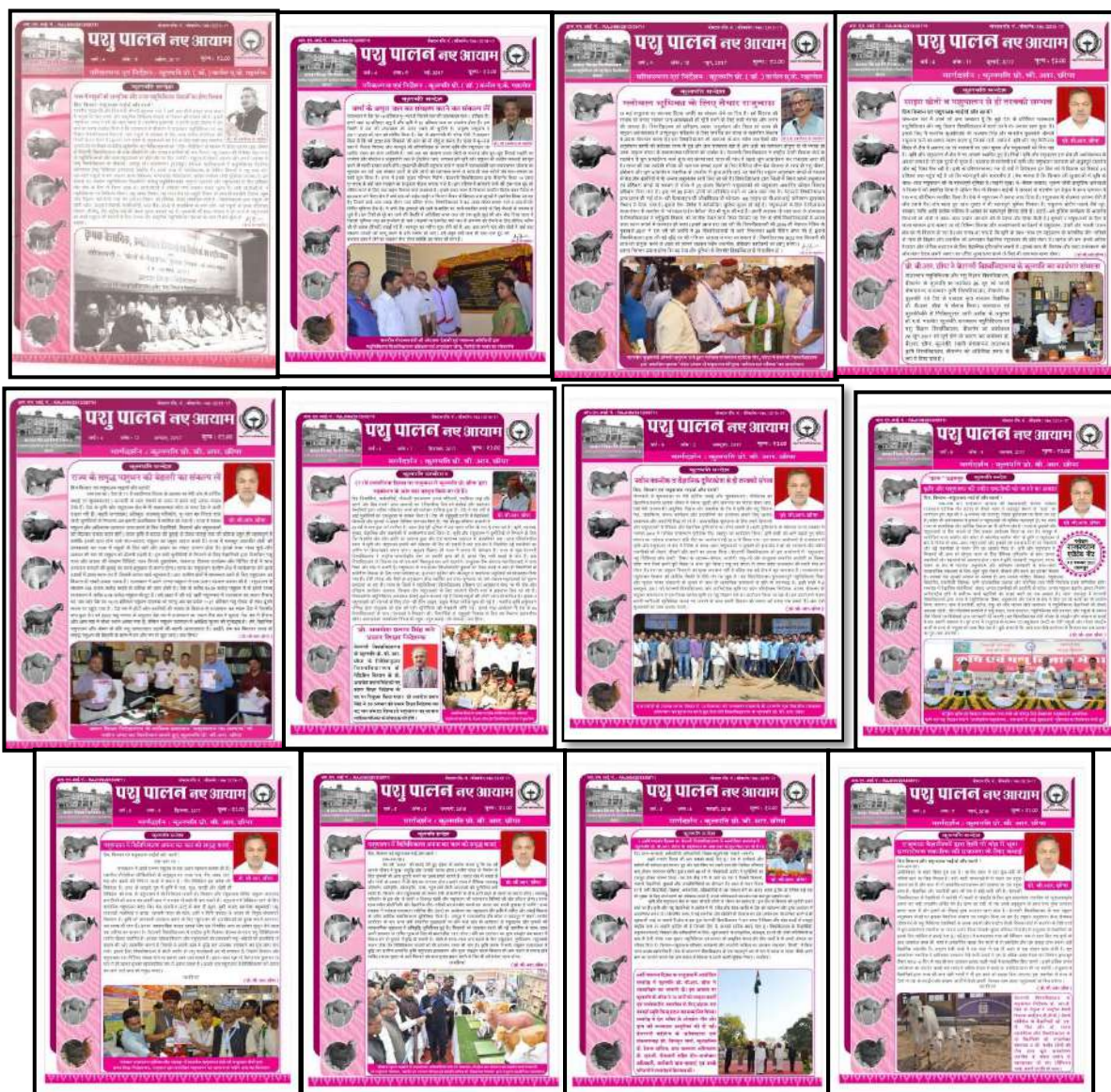
Month	No. of Camps	No. of Participants		
		Male	Female	Total
VUTRC, Dungarpur	01	14	22	36
VUTRC, Chittorgarh	04	126	20	146
VUTRC, Sirohi	05	199	36	235
VUTRC, Ajmer	02	11	-	11
Total	12	350	78	428

7. Farmers Advisory in Lieu of Weak Monsoon

Directorate of Extension Education, RAJUVAS issued Monsoon advisory in Lieu of weak monsoon in response to advisory issued by National Rainfed Area Authority, Planning Commission, Govt. of India. After reviewing monsoon rainfall scenario up to 22th June 2015, the university issued animal husbandry advisory according. The RAJUVAS advisory identified green fodder production, animal health care, migration of livestock to neighboring states, efficient use of water and prevention of animal diseases as important issues.

8. Publication of Monthly Hindi Bulletin "Pashu Palan Naye Aayaam"

"Pashu Palan Naye Aayaam" a monthly bulletin is published by Directorate of Extension Education of the University. The bulletin contains information on animal husbandry practices, diseases and their prevention, improved feeding, breeding and management aspects for the use of livestock owners. In addition to this, important news in animal husbandry and agriculture sector, disease fore-warning and schedule of broad cast of "Dhine Re Batya" on AIR is also given. The bulletin is published on 1st of every month and disseminated to the farmers by post. The bulletin has received wide appreciation and has been reported to be very useful by the farmers.



9. Organization of Exhibitions:

The major activities of DEE is to prepare exhibits, models, display boards, etc., arranging exhibitions, highlighting research achievements in the fields of veterinary and animal science, and also to participate in exhibitions organised by other institutions/ organisations at National and State levels. This office arranges several exhibitions at National, State, Zonal and District levels.

S.No.	Event	Place	Date
1.	Exhibition Organized during Inaugural function	VUTRC, Sirohi	10 April, 2017
2.	Global Rajasthan Agri Tech Meet (GRAM-2017)	Kota	24-26 May, 2017
3.	Exhibition in Animal Fair	Churu	15-16 September, 2017
4.	Exhibition in Animal Fair at Loonkaransar	Loonkarnsar, Bikaner	25-26- September, 2017
5.	Krishi & Pashu Vigyan Mela-2017	RAJUVAS, Bikaner	06 October, 2017
6.	Exhibition at Mungfali Kisan Mela, ICAR-CSWRI	Bikaner	07 October, 2017
7.	Global Rajasthan Agri Tech Meet (GRAM-2017)	Udaipur	7-9 November, 2017
8.	10 th National Livestock Championship and Agri. Expo-2017	Patiala, Punjab	1-5 December, 2017
9.	National Sheep and Wool Fair	CSWRI, Avikanagar, Tonk	08 December, 2017
10.	Suraj Exhibition	Bikaner	17-19 December, 2017
11.	Regional Agriculture Fair	Jodhpur	28-31 January, 2018
12.	Regional Arid Horticulture Fair	CIAH, Bikaner	17 March, 2018



Exhibition Organized during Inaugural function of VUTRC, Sirohi



GRAM-2017, Kota



Exhibition in Animal Fair, Churu



Exhibition in Animal Fair, Loonkarnsar, Bikaner



Krishi & Pashu Vigyan Mela-2017, RAJUVAS, Bikaner



Exhibition at Mungfali Kisan Mela, ICAR-CSWRI, Bikaner



GRAM-2017, Udaipur



Exhibition in 10th National Livestock Championship & Livestock Expo-2017, Punjab



National Sheep and Wool Fair, Avikanagar, Tonk

**Suraj Exhibition, Bikaner****Regional Agriculture Fair, Agriculture University, Jodhpur****Regional Arid Horticulture Fair****10. Organization of Other Extension Activities:****Foundation Stone laid for VUTRC, Dungarpur**

The state government has provided free allocation of 12 bigha land to the University in Gram Panchayat, Kachhwas for VUTRC. The foundation stone laying ceremony with traditional start “Bhoomi Poojan” was organized for the VUTRC at Dungarpur on 4th April, 2017. The Chief Guest of the ceremony was Mr. Devendra Katara, MLA of Dungarpur. Vice-Chancellor Prof. A.K. Gahlot presided over the function. On this occasion, Mr. Katara, MLA said that due to the opening of the centre, the people of tribal area will get new employment opportunities through animal husbandry. Director Extension Education, Prof. R.K. Dhuria, Dean, CVAS Navania, Prof. R.K. Nagda, Director of Works, M.Ram along with Kapil Anand, Ramesh Jain, Ashish Anand and Up-Sarpanch Banshi Ji also attended the function.



Inauguration of building of VUTRC, Sirohi

The Minister of State for Animal Husbandry, Sh. Otaram Devasi inaugurated the newly constructed building of Veterinary University Training & Research Centre, Sirohi on 10th April, 2017. Vice-Chancellor Prof. A.K. Gahlot presided over the ceremony. Addressing the inauguration ceremony on this occasion, Sh. Devasi said that Sirohi District is known for its goat farming and there are huge possibilities of animal husbandry in this district. I hope that this centre will make the name “Jai Kisan Jai Jawan, Jai Pahupalak” slogan. The Minister expressed hope that this centre would also be beneficial for the training of Gaushala Managers. Jila Pramukh, Mrs. Payal Parasrampuriya, Chairman, Nagar Nigam, Sirohi, Mr. Tararam Mali and BJP District President, Mr. Lumbaram Chaudhary were guest of honour. The social Worker Sh. Raghunath Mali, Member of State Livestock Development Board Mr. Narayana Devi, Panchayat Samati Member Sh. Kuldeep Singh and Deputy Sarpanch of Paldi Sh. Jitendra Singh were also present. Director, Extension Education, Prof. R.K. Dhuria, Dean, CVAS, Navania (Udaipur), Dr. R.K. Nagda and Director of Works, M.Ram also attended the function. Dr. Sudeep Solnaki conducted the programme.



Workshop on Livestock Sector Status and Prospectus in Kota Division

A workshop on Livestock Sector Status and Prospectus was organized on 26th April, 2017 at Kota under joint venture of RAJUVAS, Bikaner and Department of Animal Husbandry, Kota. During the Workshop, Director Extension Education Prof. R.K. Dhuria, Additional Director, Animal Husbandry, Dr. Ram Gop Meena, Deputy Director of Animal Husbandry Department, Kota Dr. Anil Sharma and Dr. Ashok Sharma expressed their views on factors

like increasing the animal production capacity through diseases control by vaccination and said that in order to promote animal production; it should be taken as a mass campaign. All the Joint Directors, Deputy Directors and SVO of Kota Division attended this workshop. Dr. Atul Shanker Arora, In-Charge, VUTRC, Kota presented the current scenario of the Kota Division in statistics. Dr. Nikhil Shringi presented the vote of thanks.



RAJUVAS Participation in GRAM-2017, Kota

Thousands of farmers and animal owners visited and appreciated the RAJUVAS animal show, Smart Farm, Jajam Chaupal and Exhibition stall of RAJUVAS, on all three days from 24-26 May at GRAM-2017 at Kota, which was organized by the State Government showcasing the latest innovative techniques in the field of agriculture, machinery and livestock etc.

Jajam-Chaupal: The RAJUVAS was given the entire responsibility of organizing the Jajam-Chaupal on Animal Husbandry, Veterinary and Dairy in the Global Rajasthan Agritech Meet (GRAM- 2017) at Kota on 24th & 25th May, 2017. The experts from Veterinary University, Central Sheep and Wool Research Institute and National Research Centre on Camel solved problems of livestock owners at Jajam Chaupal. The State Panchayati Raj and Rural Development Minister Sh. Rajendra Singh Rathore was present on the first day of the Jajam Chaupal. The State Agriculture and Animal Husbandry Minister Sh. Prabhu Lal Saini was present on the second day of Jajam. Vice Chancellor, Prof. A.K. Gahlot, Director, CSWRI, Dr. S.M.K Naqvi and 15 scientists encouraged farmers and livestock owners to adopt advance technology in animal husbandry.

RAJUVAS Publication released: A book entitled “Livestock Sector Status & prospect in Kota Division” prepared by Directorate of Extension Education was released by Sh. Prabhulal Saini, Hon’ble Minister of Agriculture and Animal Husbandry on the occasion.

Voice Message Service Started: In co-ordination of RAJUVAS and Reliance Foundation a Voice Message Service has been started by Sh. Prabhu Lal Saini- Hon’ble Minister of Agriculture and Animal Husbandry in GRAM-2017. Approximate 1,50,000 livestock owners associated with RAJUVAS and Animal Husbandry Department are benefited by this service.

Demonstration of live Animal & Birds of different species: The University encouraged farmers and livestock owners to adopt advanced animal husbandry technologies by displaying live advance breeds of cattle and birds and their usefulness by for three days. Chief Minister Smt. Vasundhara Raje, Agriculture and Animal Husbandry Minister Sh. Prabhu Lal Saini and Minister of State for Mining Sh. Surendra Pal Singh TT also witnessed the exhibition of animals and birds. Hon'ble Chief Minister showed special interest in turkey and duck husbandry. Indigenous Cattle breeds of Rathi and Tharparkar was kept for the view of farmers.

RAJUVAS Technology Demonstration in Smart Farm: Under the Smart Farm, Livestock Feed Resource management and Technology Centre, RAJUVAS exhibited four technologies in GRAM-2017. The hydroponics technology was demonstrated, which is new technology of green fodder production without soil. The crop of barley, maize and nursery of sewan produced by hydroponics technology were the main attractions for the farmers. Farmers showed keen interest in the method of Azola production. Silage making was also demonstrated to the farmers in which cheaper, easy to handle silo bags were used to preserve green fodder for future use. Urea Molasses mineral block making machine was also a measure attraction for the farmers. Hon'ble Chief Minister, Smt. Vasundhara Raje, Agriculture and Animal Husbandry Minister, Sh. Prabhu Lal Saini, Panchayati Raj and Rural Development Minister Sh. Rajendra Singh Rathore, Gopalan Minister, Sh. Otaram Devasi, Secretary to the Animal Husbandry, Sh. Ajitabh Sharma visited the Smart Farm Section.



Fourth meeting of the Extension Education Council

Fourth meeting of the Extension Education Council was held on 18th June, 2017 under the chairmanship of Vice-Chancellor of Prof. A.K. Gahlot. Vice-Chancellor informed that in the year 2016-17, 827 training programmes were organized by the University and more than 27000 farmers were benefitted and now the target has been give to train 35000 farmers in the next financial year. RAJUVAS is also connected to 1.5 lakh farmers and cattle farmers through “Voice-Message Services” in collaboration with Reliance Foundation. In the meeting, the annual progress report for the year 2016-17 was presented by Prof. R.K. Dhuria, Director Extension Education. Power point presentations were given on progress made by the Officers Incharges of 12 VUTRCs and one KVK of the University.



Exhibition in Animal Fair at Churu

Department of Animal Husbandry, Churu has organized Animal Fair at District Stadium, Churu on Sub- Mission of National Livestock Mission on Skill Development, Technology Transfer and Extension on 15-16th September, 2017. The VUTRC, Churu participated in this Animal fair and organized an exhibition.



Exhibition in Animal Fair, Churu

Exhibition in Animal Fair at Loonkaransar, Bikaner

Department of Animal Husbandry, Bikaner has organized Animal Fair at Martyr Bhagat Singh Stadium, Loonkaransar on Sub- Mission of National Livestock Mission on Skill Development, Technology Transfer and Extension on 25-26th September, 2017. The VUTRC, Loonkaransar participated in this Animal fair and organized an exhibition and got first prize.



District Level Agriculture & Animal Fair at RAJUVAS

A district level Agriculture & Animal Fair was organized at RAJUVAS Campus on 6th of October, 2017. Sh. Gajendra Singh Sekhawat, Minister of State, Ministry of Agriculture & Farmers Welfare, New Delhi was the Chief Guest of the programme. The Fair has organized by RAJUVAS, Bikaner and Project Director, Agriculture Technology Management Agency (ATMA) and about 2300 farmers & livestock owners participated and benefited. The competition programmes of crops, animals, fruits and vegetables were organized in this one day fair and winners were awarded by the guests. A book "Pragatisheel Pashupalak - Navacharo se aai Khushhali" published by Directorate of Extension Education, RAJUVAS, Bikaner was released by the Guests on this occasion.



Krishi & Pashu Vigyan Mela-2017, RAJUVAS, Bikaner

Exhibition at Arid Region Campus, ICAR-CSWRI, Bikaner

One day Kisan Mela on Groundnut was organized at ICAR-Central Sheep and Wool Research Institute (CSWRI), Arid Region Campus, Bikaner on 7th October, 2017. RAJUVAS, Bikaner participated in this Kisan Mela and organized an exhibition stall for livestock farmers.



Exhibition at Mungfali Kisan Mela, ICAR-CSWRI, Bikaner

RAJUVAS Participation in GRAM-2017, Udaipur

Thousands of farmers and animal owners visited and appreciated the Exhibition stall of RAJUVAS, which was organized from 7-9 November at Udaipur during GRAM-2017, which was organized by the State Government showcasing the latest innovative techniques in the field of agriculture, machinery and livestock etc. The experts from Veterinary University responded to queries of livestock owners at Jajam Chaupal. The State Agriculture and Animal Husbandry Minister Sh. Prabhu lal Saini visited the exhibition and released booklet entitled “Pashupalan Naye Aayam” published by Directorate of Extension Education. Prof. B.R. Chhipa, Vice Chancellor, SKRAU and RAJUVAS, Prof. Tribhuwan Sharma, Dean & Faculty Chairman, CVAS, Bikaner, Prof. C.S. Vaishnav, Dean, CVAS, Vallabh Nagar, Prof. Hemant Dadhich, Registrar, RAJUVAS, and Prof. A.P. Singh, Director Extension Education, RAJUVAS encouraged farmers and livestock owners to adopt advance technology in animal husbandry.

Farmers showed their keen interest in the indigenous cow breed demonstration and animal nutrition related information. Gopalan Minister, Sh. Otaram Devasi, Sh. Neel Kamal Darbari, Principal Secretary, Department of Agriculture & Horticulture, Govt. of Rajasthan, Prof. U.S. Sharma, Vice Chancellor, Maharana Pratap University of Agriculture and Technology, Prof. G. L. Keshwa, Vice Chancellor, Kota Agriculture University, Prof. P.S. Rathore, Vice Chancellor, Jobner Agriculture University and other dignitaries visit the exhibition stall of RAJUVAS.



GRAM-2017, Udaipur

10th National Livestock Championship and Agri. Expo-2017 at Patiala, Punjab

An exhibition was organized by Directorate of Extension Education during 10th National Livestock Championship and Agri. Expo-2017 at Patiala, Punjab on 1-5 December, 2017.



Exhibition in 10th National Livestock Championship & Livestock Expo-2017, Punjab

RAJUVAS Exhibition at CSWRI, Avikanagar, Tonk

An exhibition was organized at CSWRI, Avikanagar, Tonk on 8 December, 2017. Out of 35 exhibition stall by ICAR institutes/ Central/State Government Departments, RAJUVAS got 2nd prize and Prof. (Dr.) A.P. Singh, Director Extension Education and team VUTRC, Tonk received the award.



National Sheep and Wool Fair, Avikanagar, Tonk

RAJUVAS Exhibition in Suraj Exposition at Bikaner

An exhibition was organized by district administration on the occasion of completion of successful four years of Government of Rajasthan at Fort School Ground, Bikaner on 17-19 December, 2017. RAJUVAS got first prize in this Suraj Exposition.



Suraj Exhibition, Bikaner

A three day training programme organized at RAJUVAS, Bikaner

A three day training programme was organized for dairy managers/moderators of Bikaner division at Rajasthan University of Veterinary and Animal Sciences, Bikaner campus on 20-22 December, 2017. The programme was organized in collaboration with Department of Gopalan, Govt. of Rajasthan and Directorate of Extension Education, RAJUVAS, Bikaner. Total 62 dairy managers/moderators participated and were benefitted.



RAJUVAS Exhibition at Agriculture University, Jodhpur

Directorate of Extension Education, RAJUVAS organized university level exhibition in Regional Agriculture Fair organized jointly by Agriculture University, Jodhpur and Ministry of Farmers Welfare, Govt. of India at Agriculture University, Jodhpur on dated 28-31 January, 2018.



Regional Agriculture Fair, Agriculture University, Jodhpur

RAJUVAS Exhibition at Central Institute of Arid Horticulture, Bikaner

An exhibition was organized in "Regional Arid Horticulture Fair" at CIAH, Bikaner on 17 March, 2018 and got certificate of appreciation by Director, CIAH, Bikaner. Live telecast of Hon'ble Prime Minister from Unnat Krishi Mela, New Delhi was also showed in the CIAH, Bikaner. More than 550 farmers visited the exhibition stall and were benefitted by seeing various models and other exhibitors.



Regional Arid Horticulture Fair

ix) SAC Meeting of KVK, Nohar (Hanumangarh):

Scientific Advisory Committee meeting of KVK, Nohar was organized under the Chairmanship of Director Extension Education, RAJUVAS, Bikaner, Prof. A.P. Singh on 07 March, 2018 at Nohar. In this meeting the annual progress report of KVK, Nohar for the year 2017-18 was presented and annual action plan for the year 2018-19 was discussed. Sh. Amar Singh Poonia, Pradhan-Panchayat Samiti Nohar, Dr. Ummed Singh Sekhawat, Regional Research Director, Sh. Jai Narayan Beniwal, Deputy Director, Agriculture, Dr. Hanuman Ram, Programme Co-ordinator, KVK, Sri Ganganagar, Dr. Anoop Kumar, Programme Co-ordinator, KVK, Sangaria & officials from line departments working in the district attended this meeting. Prof. A.P. Singh, Director Extension Education as Member Secretary organized this SAC meeting.

**12. Mera Gaon Mera Gaurav Programme:**

After launching of the “Mera Gaon Mera Gaurav (My Village My Pride) by Hon’ble Prime Minister on July, 2015 and the directives received from the ATARI, Jodhpur, Rajasthan University of Veterinary & Animal Sciences, Bikaner constituted 41 teams of multidisciplinary scientists. These teams have adopted 142 villages. Out of these villages 134 villages has been covered and activities carried out during the year 2017-18. Teams have conducted 368 interface meetings, 77 demonstrations related to animal husbandry and 81 training programmes covering animal nutrition, breeding, health care and reproduction aspects in adopted villages. In these activities total 24341 farmers and livestock owners were benefitted. Activities have been carried out through creating strong linkages with Government, Non-government, Cooperatives and NGOs in convergence mode. The teams are regularly visiting the selected villages and imparting the latest information on animal husbandry and agriculture to the farmers through different extension tools like goathi, mobile phones, literature, community radio etc. They are also sensitizing them with issues of national interests like Swatchh Bharat Abhiyan, Climate change, Water Conservation etc.

13. Awards/Honours:

RAJUVAS exhibition stall was awarded and honoured three times in this year for outstanding exhibit stall in the State and National Level Exhibitions organized by other institutes.

S. No	Place	Date	Award
1.	Animal Fair at Lunkaransar	25-26 September, 2017	First Prize to VUTRC, Lunkaransar
2.	CSWRI, Avikanagar, Tonk	8 December, 2017	Second Prize to DEE, RAJUVAS, Bikaner
3.	Suraj Exposition, Bikaner	17-19, December, 2017	First Prize to DEE, RAJUVAS, Bikaner





14. Financial Progress:

Budgetary Progress (2017-18)

S N	Title	Subhead	Salary	TA	Medical	Liveries	Recurring	Non Recurring	93 Capital	Gross Total
1.	DEE	SP 18 (G) Budget Allocation	37.37	0.05	-	0.05	35.95	-		73.42
		Expenditure	26.20	0.04	0.09	0.02	35.87	-		62.22
2.	DEE	SP 18 (UDF) Budget Allocation	-	-	-	-	2.68	7.33		34.01
			-	-	-	-	4.00			
3.	VUTRC SP	SP 25 (G) Budget Allocation	205.32	5.30	-	0.05	69.95	-		280.62
		Expenditure	196.10	5.12	-	0.05	69.93	-		271.20
4.	VUTRC SP	SP 25 (UDF) Budget Allocation	-	-	-	-	5.00	-		5.00
		Expenditure	-	-	-	-	5.00	-		5.00
5.	VUTRC SP	SP 25 (S) Budget Allocation	-	-	-	-	25.00	15.00	160.10	200.10
		Expenditure	-	-	-	-	24.99	7.79		32.78
6.	VUTRC RKVY	CSA-RKVY- Budget Allocation 1 (12) 789-03 {12} 12	-	-	-	-	-	-		-
		Expenditure	-	-	-	-	-	-		-
7.	VUTRC RKVY	CSA-RKVY Budget Allocation 1 (12) 800 (27) {16} 12 (UDF)	-	-	-	-	-	-		-
		Expenditure	-	-	-	-	-	-		-
7.	KVK Nohar	KV/ICAR Budget Allocation	22.00	0.80	-	-	8.50	-	-	31.30
		Expenditure	15.32	0.55	-	-	8.35	-	-	24.22

*Note- Rs. 0.20 lac in medical was allocated vide no. F (1)/RAJUVAS/Comp./Budget/S.P./2017-490-495 dated 11-04-2017 and Rs. 0.09 lac expenditure done.

Veterinary University Training and Research Centre (VUTRC) at each District of Rajasthan



ANNUAL REPORT (April 2017- March 2018)



**DIRECTORATE OF EXTENSION EDUCATION
RAJASTHAN UNIVERSITY OF VETERINARY
AND ANIMAL SCIECNES, BIKANER**



Annual Report (2017-18)

Veterinary University Training and Research Centre at each District of Rajasthan

1.	Name of the Project:	Veterinary University Training and Research Centre at each District of Rajasthan
2.	Principal Investigator:	Prof. A.P. Singh Director Directorate of Extension Education, RAJUVAS, Bikaner
3.	Year of start of Project:	2012-13
4.	Mandate of Project:	<ul style="list-style-type: none"> To improve service of training of farmers on new technologies of animal husbandry and veterinary science to sustain and improve production of animal for better livelihood of farmers.
5.	Objective of Project:	<ul style="list-style-type: none"> To impart trainings, enhances awareness and to conduct demonstrations regarding breeding, feeding, management and health care of various species of animal to enhance animal productivity. To disseminate technology at grass root level for improvement in animal productivity as well as socio-economic states of rural masses. Identification of local problems and to impart knowledge as well as prepare technology modules to mitigate the problems. To provide livestock and farm advisory services through various extension activity including literature for quick dissemination of technology. To assess and refine the latest technologies developed under control condition in field for their wider adaption and collection feedback information from field and generate production date for livestock farming. To have provision of services for animal disease diagnosis and treatments testing of feed & fodder as well as animal products.
6.	Physical Targets of the Project:	<ul style="list-style-type: none"> All Livestock owners of 13 districts of Rajasthan
7.	Expected Outcome of the Project;	<ul style="list-style-type: none"> Latest technologies will be made available to farmers for adoption. It will improve status of knowledge of farmers in terms of breeding, feeding, Management and health care of various species of farm animals. Livestock and Agriculture advisory service will be available to farmers. Subject matter specialists will be in direct touch with farmers to solve their problems and improve Livestock production system for improvement in production of animals and better livelihood of farmers.



8.	Technical programme	<ul style="list-style-type: none"> • Training and demonstration in respect with dissemination of available technologies for improved animal production, productivity and better livelihood of livestock owner will be conducted. • Survey of Livestock Production systems existing will be done in the district for identification of local problems in respect with lucrative Livestock rearing and accordingly as per problems packages of practices and technologies will be developed for the end users. • Livestock and Agriculture farm advisory services will be provided to the farmers through various extension tools and methodologies. • The latest technologies developed under control condition will be tested in the field and after assessment as well as refinement to make it suitable under local condition it will be disseminated to the end users. • The livestock owners of the area will be provided services of animal disease diagnosis, quality assurance of feed and fodder and testing of animal produce. • Services of subject matter specialist available with University will be provide to the farmers of respective centres of different districts using satellite communication system to immediately solve the problem even using audio-video conferencing.
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9. Staff Position:

Sanctioned Staff strength of VUTRC's

S. No	Name of Post	No. of Post	Pay-Band	Grade Pay
1.	Associate Professor	11	37400-67000	9000
2.	Assistant Professor	22	15600-39100	6000
3.	Technical Assistant	22	9300-34800	4200
4.	L.D.C.	10	5200-20200	2400
5.	L.D.C. 1/6	10	5200-20200	1900
6.	Driver	5	5200-20200	2400
7.	Driver 1/6	6	5200-20200	1900
8.	Class- IV	5	5200-20200	1700
9.	Class- IV 1/S-1	5	4740-7440	1300
10.	Lab. Attendant	6	5200-20200	1700
11.	Lab. Attendant 1/S-2	6	4750-7440	1400
12.	Helper	5	5200-20200	1700
13.	Helper 1/S-2	6	4750-7440	1400
Total		119		



Present Staff Position in VUTRC's (2017-18)

S.No	Name of Employee	Designation	Post/Filled
VUTRC, Churu			
1.	Dr. Atul Shanker Arora	Incharge & Assistant Professor	01
2.	Dr. Sushil Kumar Meena	Teaching Associate	01
3.	Dr. Subash Kumar	Teaching Associate	01
4.		LSA	01
5.		Skilled	01
VUTRC, Kumher			
1.	Dr. Arun Kumar Soni	Incharge & Assistant Professor	01
2.	Dr. Munesh Kumar Pushp	Teaching Associate	01
3.	Dr. Rohit Kumar Tiwari	Teaching Associate	01
4.		LSA	01
5.		Skilled	01
6.		Unskilled	01
VUTRC, Tonk			
1.	Dr. Ashok Baindha	Incharge & Assistant Professor	01
2.	Dr. Vikaram Singh Deval	Teaching Associate	01
3.	Dr. Deepak Gill	Teaching Associate	01
4.		LSA	01
5.		Skilled	01
6.		Unskilled	01
VUTRC, Bakalia (Nagaur)			
1.	Dr. Atul Shanker Arora	Incharge & Assistant Professor	01
2.	Dr. Parmjeet	Teaching Associate	01
3.		LSA	01
4.		Skilled	01
5.		Unskilled	01
VUTRC, Dungarpur			
1.	Dr. Rajesh Singathia	Incharge & Assistant Professor	01
2.	Dr. Sunil Rajoria	Teaching Associate	01
3.	Dr. Virendra Kumar	Teaching Associate	01
VUTRC, Kota			
1.	Dr. Ashok Baindha	Incharge & Assistant Professor	01
2.	Dr. Nikhil Shringi	Teaching Associate	01
3.		Computer Operator	01
4.		LSA	01



5.		Skilled	01
6.		Unskilled	01
VUTRC, Suratgarh			
1.	Dr. Rajkumar Bairwal	Incharge & Assistant Professor	01
2.	Dr. Anil Ghorela	Teaching Associate	01
3.	Karam Singh	Class-IV	01
4.		Computer Operator	01
5.		LSA	01
6.		Skilled	01
7.		Unskilled	01
VUTRC, Chittorgarh			
1.	Dr. Mukesh Chand Sharma	Incharge & Assistant Professor	01
2.	Dr. Ravinder Kumar	Teaching Associate	02
3.	Dr. Mukesh Kumar Meena	Teaching Associate	
4.		LSA	01
5.		Skilled	01
6.		Unskilled	01
VUTRC Sirohi			
1.	Dr. Sudeep Solanki	Incharge & Assistant Professor	01
2.	Dr. Rabindra Kumar	Teaching Associate	01
3.	Dr. Kamal Mohan	Teaching Associate	01
4.		LSA	01
5.		Skilled	01
6.		Unskilled	01
VUTRC, Ajmer			
1.	Dr. Roshan lal Dev	Incharge, Retd. Joint Director	01
2.	Dr. G.N. Mathur (Against the post of Additional Director of DEE)	Retd. Professor	01
3.		LSA	01
VUTRC, Loonkaransar			
1.	Dr. Rajkumar Bariwal	Incharge & Assistant Professor	01
2.	Dr. Rajkumar	Teaching Associate	01
3.	Dr. Hemant Kumar Jedia	Teaching Associate	01
4.		LSA	01
5.		Skilled	01
6.		Unskilled	01



VUTRC, Dholpur			
1.	Dr. Subash Chand Yadav	Incharge & Assistant Professor	01
2.	Dr. Pradeep Pal Singh	Teaching Associate	01
3.	Dr. Parmal Singh	Teaching Associate	01
4.		LSA	01
5.		Skilled	01
6.		Unskilled	01
VUTRC, Jodhpur			
1.	Dr. Sudeep Solanki	Incharge & Assistant Professor	01
2.	Dr. Amit Kumar Chotiya	Teaching Associate	01
3.	Dr. Mahendra Pal Puniya	Teaching Associate	01
4.		Computer Professional Service	01
5.		Computer Operator	01
Total			70

11. Progress of Work done in the year 2017-18

(A) Physical Progress:

1. Functioning of VUTRCs:

Thirteen VUTRCs in Bakalia (Nagaur), Suratgarh (Sri Ganganagar), Kumher (Bharatpur), Bojunda (Chittorgarh), Churu, Tonk, Dungarpur, Sirohi, Kota, Ajmer, Dholpur, Loonkaransar and Jodhpur have become operational.

2. Construction of Buildings:

The construction of buildings at seven VUTRC's has been completed i.e. Bakalia (Nagaur) and Suratgarh (Sri Ganganagar), Kumher (Bharatpur), Bojunda (Chittorgarh), Sirohi, Dholpur and Loonkaransar. The construction of buildings at Dungarpur, Jhunjhunu are in progress. Tender for construction of building at Ratangarh (Churu), Kota, Tonk, Jhalawar and Jodhpur are in process.

3. Organization of Training Programmes:

One thousand twenty three trainings (on and off campus) on animal husbandry practices have been organized by different VUTRCs all across the stated covering 33009 farmers.



Trainings Programmes organized by VUTRC's (2017-18)

Centre	Training Programme					
	On campus	Off campus	Total Trainings	Male	Female	Total Participants
VUTRC, Churu	-	71	71	2262	143	2405
VUTRC, Kumher	9	87	96	2049	371	2420
VUTRC, Tonk	3	86	89	1926	716	2642
VUTRC, Bakalia	8	81	89	2052	255	2307
VUTRC, Dungarpur	-	84	84	1131	2447	3578
VUTRC, Kota	1	90	91	2578	155	2733
VUTRC, Suratgarh	12	63	75	2049	414	2463
VUTRC, Chittorgarh	23	88	111	2607	823	3430
VUTRC, Sirohi	-	66	66	1582	347	1929
VUTRC, Ajmer	1	69	70	1301	788	2089
VUTRC, Loonkarnsar	7	70	77	2517	40	2557
VUTRC, Dholpur	8	96	104	2372	2084	4456
Total	72	951	1023	24426	8583	33009

4. Organization of Vichar Gosthi and Farmers-Scientist Interaction:

a) Vichar Gosthi

VUTRC	No. of Vichar Gosthi	No. of Participants		
		Male	Female	Total
VUTRC, Churu	05			119
VUTRC, Kumher	14			251
VUTRC, Tonk	10			109
VUTRC, Bakalia	05			142
VUTRC, Dungarpur	03			97
VUTRC, Kota	14			242
VUTRC, Suratgarh	03			246
VUTRC, Sirohi	10			131
VUTRC, Ajmer	01			42
VUTRC, Loonkarnsar	01			20
VUTRC, Dholpur	08			135
VUTRC, Chittorgarh	04			105
Total	78			1639

a) Farmers-Scientist Interaction:

VUTRC	Farmers-Scientist Interaction	No. of Participants		
		Male	Female	Total
VUTRC, Churu	03			67
VUTRC, Bojunda	01			39
VUTRC, Ajmer	01			50
VUTRC, Bakalia	01			24
VUTRC, Kota	06			76
VUTRC, Sirohi	03			97
VUTRC, Dholpur	01			08
Total	16			726

5. Organization of Treatment and Infertility Camps:

The university regularly organizes treatment and infertility camps as a part of its outreach programmes in the villages for providing veterinary services for the well being of livestock and farmers at the doorstep of farmers. In camps it is not only that veterinary care services is provided to livestock owners but improved practices of animal husbandry are also disseminated to the farmers for improvement in productivity and health status of animals.

Organization of Treatment and Infertility Camps

Month	No. of Camps	No. of Participants		
		Male	Female	Total
VUTRC, Dungarpur	01			36
VUTRC, Chittorgarh	04			146
VUTRC, Sirohi	05			235
VUTRC, Ajmer	02			11
Total	12			428

6. Land Procurement

The land for VUTRC in Ratangarh, Jhunjhnu and Dungarpur district has been procured. The procurement of land at Tonk, Jodhpur and Kota district is under process.

क्र.स	स्थान	रकबा (बीघों में)	किस विभाग के स्तर पर भूमि आवंटन हेतु प्रस्ताव लम्बित है।	वर्तमान स्थिति	विशेष विवरण
1	वीयूटीआरसी, बाकलिया-नागौर	10.00 बीघा	पशुपालन विभाग की भूमि विश्वविद्यालय को हस्तान्तरण की गई	कब्जा प्राप्त कर राजस्व रिकार्ड में विश्वविद्यालय के नाम नामान्तरण हो चुकी	भवन निर्माण पूर्ण
2	वीयूटीआरसी, सूरतगढ़ (श्रीगंगानगर)	11531.58 वर्गमीटर	पशुपालन विभाग की भूमि विश्वविद्यालय को हस्तान्तरण की गई	कब्जा प्राप्त कर भूमि राजस्व रिकार्ड में विश्वविद्यालय के नाम नामान्तरण हो चुकी है	भवन निर्माण पूर्ण
3	वीयूटीआरसी कुम्हेर (भरतपुर)	58X74 मीटर	पशुपालन विभाग की भूमि विश्वविद्यालय को हस्तान्तरण की गई	पूर्ण कब्जा प्राप्त कर लिया गया परन्तु उक्त भूमि नजूल सम्पत्ति होने के कारण राजस्व रिकार्ड में विश्वविद्यालय के नाम नामान्तरण नहीं हुई	भवन निर्माण पूर्ण
4	वीयूटीआरसी, बौजूदा (चित्तौड़गढ़)	120.46 हैक्टर	पशुपालन विभाग की भूमि विश्वविद्यालय को हस्तान्तरण की गई	कब्जा प्राप्त कर लिया गया है।	भवन निर्माण पूर्ण
5	वीयूटीआरसी, लूणकरणसर (बीकानेर)	76X76 मीटर	पशुपालन विभाग की भूमि विश्वविद्यालय को हस्तान्तरण की गई	कब्जा प्राप्त कर लिया गया है।	भवन निर्माण पूर्ण
6	वीयूटीआरसी, कोलर (सिरोही)	12.10 बीघा	राजस्व विभाग, सिरोही से विश्वविद्यालय को भूमि प्राप्त हुई।	भूमि का कब्जा प्राप्त कर राजस्व रिकार्ड में विश्वविद्यालय के नाम दर्ज कर लिया गया है।	भवन निर्माण पूर्ण
7	वीयूटीआरसी, धौलपुर	3.19 बीघा	राजस्व विभाग से ग्राम ताल ओडेला जिला धौलपुर में विश्वविद्यालय को भूमि आवंटित हो चुकी है	भूमि का कब्जा प्राप्त कर लिया गया है।	भवन निर्माण पूर्ण



8	वीयूटीआरसी, डूंगरपुर	12.00 बीघा	जिला कलक्टर, डूंगरपुर से भूमि प्राप्त हुई।	भूमि का कब्जा प्राप्त कर राजस्व रिकार्ड में दर्ज कर लिया गया है	भवन निर्माणाधीन
9	वीयूटीआरसी, रतनगढ़ (चूरु)	02.18 बीघा	राजस्व विभाग रतनगढ़ से भूमि का कब्जा प्राप्त कर लिया गया है।	भूमि का कब्जा प्राप्त कर राजस्व रिकार्ड में दर्ज कर लिया गया है।	भवन निर्माण प्रक्रियाधीन
10	वीयूटीआरसी, टोंक	50 एकड़	भूमि आवंटित हो चुकी है।	वर्तमान में कार्यालय बहुउद्देशीय पशुचिकित्सालय टोंक परिसर में आवासीय क्वार्टर में चल रहा है	भवन निर्माण प्रक्रियाधीन
11	वीयूटीआरसी, कोटा	0.80 हैक्टर	भूमि आवंटन हो चुका है।	वर्तमान में कार्यालय बहुउद्देशीय पशुचिकित्सालय कोटा परिसर में चल रहा है	भवन निर्माण प्रक्रियाधीन
12	वीयूटीआरसी, अजमेर	—	भूमि आवंटन हेतु विश्वविद्यालय स्तर से प्रस्ताव निदेशक, पशुपालन विभाग, जयपुर के स्तर पर लम्बित है	सामान्य प्रशासन विभाग, जयपुर से राजकीय आवास सं. 37-42 जीएडी क्वार्टर्स, लोहागल रोड, अजमेर में केन्द्र हेतु क्वार्टर का आवंटन प्रक्रियाधीन	राजकीय आवास आवंटन हो चुका है।
13	वीयूटीआरसी, झुन्झुनू	1.00 हैक्टर	राजस्व विभाग झुन्झुनू से ग्राम सिरियासर कलां (झुन्झुनू) में भूमि का कब्जा प्राप्त कर लिया गया है।	भूमि का कब्जा प्राप्त कर राजस्व रिकार्ड में दर्ज होना बाकी है।	भवन निर्माणाधीन
14	वीयूटीआरसी, जोधपुर	5.00 बीघा	भूमि आवंटन की प्रक्रिया शासन स्तर पर लम्बित।	ग्राम गेवा (जोधपुर) में 5.00 बीघा भूमि आवंटन हेतु प्रस्ताव जिला कलक्टर एवं नगर निगम, जोधपुर से पारित	भवन निर्माण प्रक्रियाधीन
15	वीयूटीआरसी, झालावाड़	5 बीघा	राजस्व विभाग, झालावाड़ से विश्वविद्यालय को भूमि प्राप्त हुई।	भवन निर्माण प्रक्रियाधीन

7. Base line Survey of Each District:

A base line survey of Animal Husbandry status at all VUTRCs has been completed to find out the species wise livestock strength, problem faced by livestock owners, animal feed resources availability and animal product marketing facilities etc. to formulate working strategy of the VUTRC. For the remaining VUTRCs the base line survey is under way.

8. Procurement of Materials:

Procurement and commissioning of equipments and other items are under progress as the tender process by the Comptroller is under way.

**(B) Financial Progress : (2017-18)****(Rs. In Lacs)**

VUTRC Sub Head	Salary	TA	Medical	Liveries	Recurring	Non Recurring	93 Capital	Gross Total
SP 25 (G) Budget Allocation	205.32	5.30	-	0.05	69.95	-		280.62
Expenditure	196.10	5.12	-	0.05	69.93	-		271.20
SP 25 (UDF) Budget Allocation	-	-	-	-	5.00	-		5.00
Expenditure	-	-	-	-	5.00	-		5.00
SP 25 (S) Budget Allocation	-	-	-	-	25.00	15.00	160.10	200.10
Expenditure	-	-	-	-	24.99	7.79		32.78
CSA-RKVY- Budget Allocation 1 (12) 789-03 {12}12	-	-	-	-	-	-		-
Expenditure	-	-	--	-	-	-		-
CSA-RKVY Budget Allocation 1 (12) 800(27){16}12	-	-	-	-	-	-		-
Expenditure	-	-	-	-	-	-	-	-

KRISHI VIGYAN KENDRA

NOHAR

HANUMANGARH-II



Annual Progress Report

(1 April 2017 to March 31, 2018)



DIRECTORATE OF EXTENSION EDUCATION
RAJASTHAN UNIVERSITY OF VETERINARY & ANIMAL SCIENCES,
BIKANER (RAJ.)



RAJASTHAN UNIVERSITY OF VETERINARY & ANIMAL SCIENCES, BIKANER

1. Project Title - Krishi Vigyan Kendra (ICAR)
2. Location - Chak – 27 – NTR, Nohar (Hanumangarh)
3. Area of Jurisdiction - Nohar, Bhadra and Rawatsar Tehsils of Hanumangarh District
4. Date of Sanction - ICAR letter F.No. 13-1/2009 – AE- I
Dated 30/03/2012
5. Date of Commencement of KVK - 9th April, 2012.
6. Period of Report - 1st April, 2017 to 31st March, 2018.
7. Senior Scientists-Cum - Dr. Manohar Lal Sain
-Head

TEHSILS OF HANUMANGARH DISTRICT



Krishi Vigyan Kendra, Nohar, Hanumangarh-II~ a farm science centre was established in the year of 2012 with the motto **“Reaching the Unreached”**. It is situated 8 km away from the city centre (Nohar) in the North on the LRS Farm. The total area of KVK farm is 20.1 ha.



PROFORMA FOR PREPARATION OF ANNUAL REPORT (April-2017-March-2018)

APR SUMMARY

(Note: While preparing summary, please don't add or delete any row or columns)

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	46	1429	21	1450
Rural youths	4	125	0	125
Sponsored Training	9	242	10	252
Vocational Training	-	-	-	-
Total	59	1796	31	1827

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	10	4.0	-
Pulses	30	12.0	-
Cereals	20	8.0	-
Vegetables	-	-	-
Other crops	30	8.0	-
Hybrid crops	10	4.0	-
Total	100	36.00	-
Livestock & Fisheries	35	-	35
Other enterprises			
Total	35		35
Grand Total	135		135

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	01	06	06
Livestock	03	30	30
Various enterprises	-	-	-
Total	04	36	36
Technology Refined			
Crops			
Livestock	-	-	-
Various enterprises			
Total			
Grand Total	04	36	36

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	178	7702
Other extension activities		
Total	178	7702



5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						Total
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	
Nohar, Hanuman garh-II	Text only	11		-	-	5	-	16
	Voice only	-		-	-	-	-	-
	Voice & Text both	-		-	-	-	-	-
	Total Messages	11		-	-	5	-	16
	Total farmers Benefitted	43985		-	-	-	-	43985

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	-	-
Planting material (No.)	-	-
Bio-Products (kg)	-	-
Livestock Production (No.)	-	-
Fishery production (No.)	-	-

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	213	-
Water	-	-
Plant	-	-
Total	213	-

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	2
2	Conferences	-
3	Meetings	3
4	Trainings for KVK officials	2
5	Visits of KVK officials	2
6	Book published	-
7	Training Manual	-
8	Book chapters	-
9	Research papers	1
10	Lead papers	-
11	Seminar papers	-
12	Extension folder	1
13	Proceedings	1
14	Award & recognition	3
15	On going research projects	-



DETAIL REPORT OF APR: 2017-18

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
KVK, Nohar, Hanumangarh (Raj.), Pincode- 335523	+911555-221171	-	kvknohar@gmail.com

1.2. Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
DEE, RAJUVAS, Bikaner	+91151-2200505	+91151-2549348	deerajuvass@gmail.com

1.3. Name of the Programme Coordinator with phone & mobile No

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Manhar Lal Sain	-	09829542066	drmsain@gmail.com

1.4. Year of sanction: **April 2012**1.5. Staff Position (as on 31st March, 2018)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discip-line	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Perma n-ent /Temporary	Categor y (SC/ST/OBC/ Others)	Mobile no.	Age	Email id
1	Programme Coordinator	Dr. Manohar Lal Sain	Incharge	Vet. Medicine	15600-39100	32700	26.03.18	Office ciating	OBC	09829542066	37	drmsain@gmail.com
2	Subject Matter Specialist	Akshaya Ghintala	Teaching Associate	Agricultural Extension	40000 / month fix	40000 / month fix	01-08-12	Contractual	OBC	09982407171	29	agriakshaya@gmail.com
3	Subject Matter Specialist	Dr. Naveen Saini	Teaching Associate	Veterinary & Animal Science	40000 / month fix	40000 / month fix	06-12-12	Contractual	OBC	8387051484	33	naveensaini709@gmail.com
4	Subject Matter Specialist	Bheiru Singh	Teaching Associate	Agronomy	40000 / month fix	40000 / month fix	07-01-17	Contractual	OBC	7022173662	26	bsinghagri16@gmail.com
5	Subject Matter Specialist	Anjali Sharma	Teaching Associate	Home Science	40000 / month fix	40000 / month fix	23-02-18	Contractual	GEN	9928766880	29	sharmaanjalij254@gmail.com
6	Subject Matter Specialist	Mukesh kumar Verma	Teaching Associate	Horticulture	40000 / month fix	40000 / month fix	23-02-18	Contractual	SC	9785781330	32	mukesh42793@gmail.com
7	Subject Matter Specialist											
8	Programme Assistant											
9	Computer Programmer	Through placement agency			11000/ month	11000/ month	May, 2017	-	OBC	-	-	-
10	Farm Manager											
11	Accountant / Superintendent	Through placement agency			11000/ month	11000/ month	Feb., 2018		OBC			



12	Stenographer											
13	Driver	Through placement agency			11000/month	11000/month	April, 2017	-	OBC	-	-	-
14	Driver											
15	Supporting staff	Through placement agency			5000/month	5000/month	Feb. 2017	-	OBC	-	-	-
16	Supporting staff	Through placement agency			5500/month	5500/month	Oct. 2012	-	SC	-	-	-

1.6. Total land with KVK (in ha) 20.1 ha.

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	On Rent basis Funds not received						
2.	Farmers Hostel							
3.	Staff Quarters (6)							
4.	Demonstration Units (2)							
5.	Fencing							
6.	Rain Water harvesting system							
7.	Threshing floor							
8.	Farm godown							

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2012-13	4,40,107.00	205 hrs.	Working condition
Trolley	2012-13	1,55,232.00	-	Working condition
Bolero SLE2 WD	2013-14	6,65,306.00	35106	Working condition

C) Equipments & AV aids

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	On Rent basis Funds not received						
2.	Farmers Hostel							
3.	Staff Quarters (6)							
4.	Demonstration Units (2)							
	1. Azolla Unit		ICAR	27/02/17	40	6250.00	-	-
	2. Vermi unit		ICAR	26/03/17	72	7000.00	-	-
5.	Fencing	Funds not received						
6.	Rain Water harvesting system							
7.	Threshing floor							
8.	Farm godown							

Demonstration Unit:**Photo: Azolla unit at KVK****Photo: Vermi unit at KVK**

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Digital Camera	2012-13	7990.00	All equipments are in working condition
Computer	2012-13	Transferred from the office of DEE	
Printer	2012-13	Transferred from the office of DEE	
Public Address System (Mike & Speaker)	2012-13	Transferred from the office of DEE	
Projector	2013-14	Transferred from the office of DEE	
Inverter	2013-14	Transferred from the office of DEE	
Xerox	2015-16	1,20,330.00	
Camera	2015-16	49,950.00	
Computer-3	2015-16	1,62,684.00	
Printer	2015-16	15981.00	
Printer	2015-16	17,370.00	All equipments are in working condition
Printer (HP Laser Jet N 202DW)	2015-16	17,370.00	
Water Pump 1 HP	2016-17	4400.00	
Inverter Battery	2016-17	23000.00	
Monitor (LED) 40 Inches	2016-17	44437.50	
Mirdaparikshak Soil testing Kit	2016-17	90300.00	
Mirdaparikshak Soil testing Kit	2017-18	90300.00	

1.8. A). Details SAC meeting* conducted in the year Details SAC meeting* conducted in the year

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cBd esfuEufyf[kr I fekfur I nL; kasHkx fy; k%

- 1 प्रो. (डॉ.) अवधेश प्रताप सिंह, निदेशक प्रसार शिक्षा, राजस्थान पशुचिकित्सा और पशु विज्ञान विश्वविद्यालय, बीकानेर (राज.)
- 2 श्री अमरसिंह पूनियां, प्रधान, पंचायत समिति, नोहर, हनुमानगढ़ (राज.)
- 3 डॉ. उम्मेद सिंह भोखावत, क्षेत्रीय अनुसंधान निदेशक, कृषि अनुसंधान केन्द्र, श्रीगंगानगर (राज.)
- 4 श्री जयनारायण बेनीवाल, उपनिदेशक कृषि, कृषि विभाग, हनुमानगढ़ (राज.)
- 5 डॉ. कुलदीप नेहरा, कार्यक्रम समन्वयक, के.वि.के., नोहर, हनुमानगढ़-II(राज.)
- 6 डॉ. हनुमान राम, कार्यक्रम समन्वयक, के.वि.के., श्रीगंगानगर (राज.)
- 7 डॉ. अनुप कुमार, कार्यक्रम समन्वयक, के.वि.के., संगरिया, हनुमानगढ़ (राज.)



- 8 डॉ. चन्द्रशेखर भार्मा, भास्य विशेषज्ञ, के.वि.के., हनुमानगढ़-I(राज.)
- 9 डॉ. अशोक कुमार सुथार, एस.वी.ओ. पशुपालन विभाग, नोहर, हनुमानगढ़ (राज.)
- 10 श्री मुन्शीराम ढिल, सयंत्र प्रबन्धक, राज. राज्य बीज निगम, हनुमानगढ़ (राज.)
- 11 डॉ मनोहर लाल सैन, असिस्टेन्ट प्रोफेसर, राजुवास, बीकानेर (राज.)
- 12 डॉ. अरविंद कुमार झाझडीया, असिस्टेन्ट प्रोफेसर, एस.के.आर.ए.यु. बीकानेर (राज.)
- 13 डॉ. आर. के. जाखड़, असिस्टेन्ट प्रोफेसर, एस.के.आर.ए.यु. बीकानेर (राज.)
- 14 डॉ. अनील कुमार सोनी, वी.ओ. पशुपालन विभाग, नोहर, हनुमानगढ़ (राज.)
- 15 श्री रामस्वरूप सहारण, प्रबन्धक, नोहर फल-सब्जी क्रय विक्रय सहकारी समिति, नोहर, हनुमानगढ़ (राज.)
- 16 श्री सुभाष भाम्मू, ब्रांच मैनेजर, बैंक ऑफ बड़ौदा, नोहर, हनुमानगढ़ (राज.)
- 17 श्री प्रविण कुमार, आई.सी.आई.सी.आई. बैंक, नोहर, हनुमानगढ़ (राज.)
- 18 श्री अक्षय घिंटाला, टीचिंग एसोसिएट, के.वि.के., नोहर, हनुमानगढ़-II (राज.)
- 19 डॉ. नवीन सैनी, टीचिंग एसोसिएट, के.वि.के., नोहर, हनुमानगढ़-II (राज.)
- 20 श्री भैरुसिंह टीचिंग एसोसिएट, के.वि.के., नोहर, हनुमानगढ़-II (राज.)
- 21 सुश्री अंजलि शर्मा, टीचिंग एसोसिएट, के.वि.के., नोहर, हनुमानगढ़-II (राज.)
- 22 श्री मुकेश कुमार वर्मा, टीचिंग एसोसिएट, के.वि.के., नोहर, हनुमानगढ़-II (राज.)
- 23 श्री कृष्णचन्द्र कड़वासरा, कृषि पर्यवेक्षक, रावतसर, हनुमानगढ़ (राज.)
- 24 डॉ. नीरज कुमार, एम.वि.एस.सी., वेट. सर्जरी, नोहर, हनुमानगढ़ (राज.)
- 25 श्री रामकुमार खीचड़, किसान, चारणवासी, नोहर, हनुमानगढ़ (राज.)
- 26 श्री मकबूल, किसान, नोहर, हनुमानगढ़ (राज.)
- 27 श्री लालसिंह बैनीवाल, किसान, परलीका, नोहर, हनुमानगढ़ (राज.)
- 28 श्री अजय स्वामी, किसान, परलीका, नोहर, हनुमानगढ़ (राज.)
- 29 श्रीमती रेशनी देवी, महिला कृषक, नोहर, हनुमानगढ़ (राज.)
- 30 श्रीमती भारती, महिला कृषक, नोहर, हनुमानगढ़ (राज.)
- 31 श्री नरेश कुमार, किसान, परलीका, नोहर, हनुमानगढ़ (राज.)
- 32 श्री हनुमान, किसान, नोहर, हनुमानगढ़ (राज.)
- 33 श्री दुलीचंद स्वामी, किसान, नोहर, हनुमानगढ़ (राज.)
- 34 श्री सुरेश पुनिया, किसान, नोहर, हनुमानगढ़ (राज.)

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कृषि विज्ञान केन्द्र, नोहर की पांचवी वैज्ञानिक सलाहकार समिति बैठक का आयोजन दिनांक: 07 मार्च, 2018 वार बुधवार को पशुचिकित्सा और पशुविज्ञान विश्वविद्यालय, बीकानेर के निदेशक प्रसार शिक्षा आदरणीय प्रो. (डॉ.) अवधेश प्रताप सिंह की अध्यक्षता में नोहर पंचायत समिति के हॉल में किया गया। जिसमें मुख्य अतिथि के रूप में नोहर पंचायत समिति प्रधान श्री अमरसिंह पूनियां उपस्थित हुये तथा विशिष्ट अतिथि क्षेत्रिय अनुसंधान निदेशक डॉ. उम्मेद सिंह शेखावत व हनुमानगढ़ कृषि उप निदेशक श्री जयनारायण बेनीवाल तथा डॉ. हनुमान राम, कार्यक्रम समन्वयक, कृषि विज्ञान केन्द्र, श्रीगंगानगर, डॉ. अनुप कुमार, कार्यक्रम समन्वयक, कृषि विज्ञान केन्द्र., संगरिया, डॉ. अशोक कुमार, एस. वी.ओ. पशुपालन विभाग, नोहर, श्री मुन्शीराम ढिल, सयंत्र प्रबन्धक, राजस्थान राज्य बीज निगम, हनुमानगढ़ इत्यादि उपस्थित रहे।

कार्यक्रम के मुख्य अतिथि श्री अमर सिंह पूनियां ने केन्द्र के कार्यों की प्रशंसा करते हुए केन्द्र की गतिविधियों का अधिकाधिक प्रचार-प्रसार कर किसानों में अधिक लोकप्रिय बनाने का सुझाव दिया तथा मृदा स्वास्थ्य योजना से किसानों को अधिक से अधिक जोड़ते हुए किसानों को मृदा स्वास्थ्य कार्ड



के महत्त्व को बताये जिससे किसान मृदा कि उर्वरा शक्ति को बढ़ाकर अधिक उत्पादन प्राप्त कर सके तथा साथ ही उन्होंने कहा कि कृषि के साथ-साथ मधुमक्खीपालन, मशरूम उत्पादन, डेयरी, भेड़-बकरी पालन, कुक्कुट पालन इत्यादि सहायक व्यवसायों का प्रशिक्षण देकर प्रेरित करे जिससे किसानों व युवाओं को रोजगार के सुअवसर मिल सके।

अध्यक्षीय उद्बोधन में प्रो. (डॉ.) अवधेश प्रताप सिंह ने कहा कि केन्द्र के माध्यम से क्षेत्र के कृषक पशुपालकों को नवीनतम कृषि तकनीक का लाभ मिल रहा है परन्तु विभिन्न योजनाओं की जानकारी का भी सीधा लाभ कृषक पशुपालकों तक पहुंचे। केन्द्र को बाराणी क्षेत्रों में उपयुक्त वृक्ष खेजड़ी व केर की महत्ता को बताते हुए क्षेत्र में इनका विस्तार करवाया जाये व इसके साथ ही पशुधन व्यवसाय बढ़ाना व पशुओं के विभिन्न बीमारियों को पहचानने और उनका उचित निदान करने की सलाह दी जो किसान को कृषि के अलावा आय का एक अच्छा अतिरिक्त स्रोत है। जिन किसानों ने नई तकनीक को अपनाया है उस तकनीक को दूसरे किसानों को दिखाया व समझाया जाये ताकि नई तकनीक का अधिक से अधिक प्रसार हो और किसानों की आय को सुधारा जा सके। उन्होंने विश्वविद्यालय के रेडियो कार्यक्रम "धीरे री बातें", मासिक पत्रिका "पशुपालन नये आयाम" एवं टोल फ्री हेल्प लाईन नम्बर 18001806224 के माध्यम से विश्वविद्यालय से जुड़ने पर जोर दिया।

क्षेत्रीय अनुसंधान निदेशक डॉ. उम्मेद सिंह शेखावत ने कृषि की नई तकनीक को अपनाने के साथ पशुपालन का महत्त्व बताया व पशुओं के गोबर से तैयार खाद जैसे कम्पोस्ट, वर्मी कम्पोस्ट आदि बनाई जाये व उसका उपयोग खेत में किया जाये। इस प्रकार यह न केवल मृदा सुधार का कार्य करता है बल्कि यह विभिन्न प्रकार से मानव स्वास्थ्य के लिए लाभकारी सिद्ध होगा। कृषि उपनिदेशक श्री जयनारायण बेनीवाल ने फसलों की उत्पादकता बढ़ाने हेतु कृषि में वैज्ञानिक तकनीक के उपयोग पर जोर दिया जिससे किसान अपनी फसल को जलवायु व मौसम के विभिन्न विपरित प्रभावों जैसे निम्न व उच्च तापमान, पाला पड़ने व तेज हवाओं आदि से बचाया जा सके व किसान को किसी प्रकार की आर्थिक हानि नहीं हो।

डॉ. अनूप कुमार ने कहा कि स्वयं सहायता समूह बनाने व इससे किसानों व महिलाओं को जोड़ा जाये साथहि उनको फल सब्जी परिरक्षण, आचार, मुरब्बे, जैम जैली, फल ज्यूस, सोस व चटनी आदि बनाने के सम्बन्ध में प्रशिक्षण देकर उनके व्यवसाय को बढ़ाया जा सके। केन्द्र के असस्थागत प्रशिक्षण की अवधि कम से कम चार दिन की रखी जाये। डॉ. हनुमान राम ने बाराणी क्षेत्र हेतु सरसों कि उपयुक्त किस्म RGN-298 को लगाने की सलाह दी और बताया कि यह किस्म कम पानी की उपलब्धता में इसकी खेती आसानी से की जा सकती है।

बैठक के आरम्भ में कार्यक्रम समन्वयक डॉ. कुलदीप नेहरा ने अतिथियों का स्वागत किया। केन्द्र के भास्य विशेषज्ञ श्री भैरुसिंह चौहान ने कार्यवाही का अनुमोदन व एक्सन टेकन रिपोर्ट सदन में प्रस्तुत करते हुए भास्य विज्ञान विषय की गत वर्ष की प्रगति प्रतिवेदन और आगामी कार्य योजना सदन में रखी। तत्पश्चात पशुपालन विशेषज्ञ डॉ. नवीन सैनी, कृषि प्रसार विशेषज्ञ श्री अक्षय घिंटाला, उद्यान विशेषज्ञ श्री मुकेश कुमार वर्मा तथा गृह विज्ञान विशेषज्ञ सुश्री अंजली शर्मा ने अपने अपने विषय की गत वर्ष की प्रगति प्रतिवेदन और आगामी कार्य योजना सदन में रखी। बैठक में सहायक प्राध्यापक डॉ. मनोहर लाल सैन, के.वि.के. संगरिया के भास्य विशेषज्ञ डॉ. चन्द्रशेखर शर्मा, कृषि उपज मण्डी से श्री कृष्ण चन्द्र कड़वासरा व प्रगतिशील किसान श्री लालसिंह बैनीवाल, श्री अजय कुमार, श्री मकबुल, श्री रामकुमार खीचड, श्री नरेश कुमार, श्री हनुमान आदि उपस्थित रहे। मंच संचालन पशुपालन विशेषज्ञ डॉ. नवीन सैनी ने किया। बैठक के अन्त में केन्द्र के कृषि प्रसार विशेषज्ञ श्री अक्षय घिंटाला ने सभी सुझावों को अमल में लाने का आश्वासन के साथ, सभी सम्मानित सदस्यों को बैठक में भाग लेने पर धन्यवाद दिया।



2. DETAILS OF DISTRICT (2017-18)

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise
1.	Agriculture-Animal Husbandry
2.	Agriculture-Animal husbandry-Horticulture

2.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

Agro-climatic Zone	Characteristics
Zone 1b (Irrigated North-Western Plains)	The Irrigated North-western Plain Zone (1b) comprises two districts of Rajasthan, Sriganganagar and Hanumangarh, which are located between 28.40 to 30.60 North latitude and 72.30 to 75.30 East Longitudes. The Ferozpur district of Punjab and Hisar District of Haryana form North-Western boundary, Churu and Bikaner districts of Rajasthan form south boundary and international border of Pakistan forms the North and North-Western Boundary of the zone. 50% of the cultivated area in the zone is irrigated. The Gang canal, Bhakhra canal and Indira Gandhi canal are the major sources of irrigation in the zone. The zone has extreme climatic conditions with the scorching summer, cold winter and mild rainy season. Dust storms during summer, frosty winter nights and ground fog are some of the typical features of weather hazards. The mean annual rainfall of the zone is 322 mm. In Hanumangarh District, we find hot summer, cool winter, unreliable rainfall and great variation in the temperature (2 ⁰ C in Jan. to 48.9 ⁰ C in June). The rainfall mostly restricted to rainy season. The monsoon normally comes in the first week of the July and recedes in the last week of September.

2.3 Soil types

S. No	Soil type	Characteristics	Area in ha
1.	Rainfed Area	Nohar & Bhadra tehsil posses fine sand to loamy sand soil, sand dunes found in the area.	422077
2.	Salt affected soil	Rawatsar, Tibbi, Nohar and Bhadra tehsil sandy and alkaline soil. Saline ground water, not suitable for irrigation, Paddy wheat mustard, Toria and fodder crops.	15440
3.	Canal irrigated light & medium soil	Sangaria & Hanumangarh tehsil sandy loam to loamy sand having good drainage property & calcasious sub soil. Organic matter or nitrogen level low. P ₂ O ₅ low to medium & K ₂ O medium to high. Ground water is saline.	353514
4.	Ghaghar flood prone soil	Tibbi & Hanumangarh tehsil loam to salty loam soil, Saline, alkaline problematic soils. Paddy, Wheat, Mustard & Gram.	21790

2.4. Area, Production and Productivity of major crops cultivated in the district (2016-17)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Kg ha)
1	Cotton	160918	544465	575
2	Paddy	34450	101135	2936
3	Groundnut	24015	3301	1595
4	Moongbean	56142	27194	484
5	Mothbean	88320	24065	272
6	Bajra	41705	18421	442
7	Clusterbean	373273	130169	349
8	Til	1125	391	348
9	Wheat	240237	983546	4094
10	Barley	11730	40357	3440
11	Gram	109031	70043	679
12	Mustard	123573	171235	1386
13	Tarameera	2152	907	421



Source: Directorate of Agriculture, GOR.

2.5. Weather data (2017-18)

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
April 17	0.00	47.6	16.2	-	-
May 17	06.50	46.8	22.4	-	-
June 17	93.50	46.7	21.8	-	-
July 17	86.50	41.2	24.6	-	-
August 17	77.00	40.2	25.7	-	-
September 17	28.00	39.1	23.2	-	-
October 17	-	39.7	18.1	-	-
November 17	03.00	33.3	9.1	-	-
December 17	08.00	25.9	3.8	-	-
January 18	0.00	28.6	4.4	-	-
February 18	0.00	32.8	5.4	-	-
March 18	0.00	40.0	10.9	-	-

Production and productivity of livestock, poultry, fisheries etc. in the district (Census 2012)

S N	Name of Animals	Numbers	%age
1.	Cattle	401596	26.65
2.	Buffaloes	323101	21.44
3.	Sheep	284446	18.87
4.	Goat	277612	18.42
5.	Camel	47006	03.12
6.	Horse	1060	00.07
7.	Mule	318	00.02
8.	Donkey	5281	00.35
9.	Pig	2373	00.15
10.	Poultry/Duck	91606	06.08
11	Others	72668	04.83

*Statistical report

S. No.	Animal Product	Production Year 2011-12	Production Year 2012-13
1	Milk (000 Tones)	13512	13945.92
2	Egg (Lakhs Nos)	9605	10334.90
3	Meat (000 Tones)	122	151.72
4	Wool (000 Kg)	13192	14007.18

Source – Department of Animal Science, Hanumangarh

Year wise data	Fish seed production (Fry in lacs)		Fish production (MT)	
	Target	Achievement	Target	Achievement
2009-10	250	261.98	2300	2333
2010-11	250	465.33	2500	2585
2011-12	250	260	2500	2296
2012-13	250	336.71	2700	2762.04
2013-14	250	255.31	2700	2785

Source – Department of Fisheries, Hanumangarh

Year wise data	Fish seed production (Fry in lacs)		Fish production (MT)	
	Target	Achievement	Target	Achievement
2009-10	250	261.98	2300	2333
2010-11	250	465.33	2500	2585
2011-12	250	260	2500	2296
2012-13	250	336.71	2700	2762.04
2013-14	250	255.31	2700	2785



Source – Department of Fisheries, Hanumangarh

2.7 Details of Operational area / Villages (2017-18)

Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Nohar	Nohar	Parlika, Ramgarh, 18 DPN, 17 DPN, Dilki, Ujjalvas, Chak-Sardarpura, Bhagwan, Bhukarkha, 19 NTR, 20 NTR, Thaladka, 22 NTR, 23 NTR, Deeplana, Barwali, 13 NTR, Jasana, Charanvasi, Chak- 14 DPN, Fefana, Dhani chranawali, Malwani, Lakhasar, Dhani raika, Toparia, Dhani Bhambhuan Nithrana, Kansar, Karamsana, Ranisar, Kikrali & Birkali, Chakdedaspura, Khuieya, Dhansia, Sirangsar, Dumasar, Mandarpura, Chak 16-17KNN, Chak 6 RPM, Nathwaniya, Gudiya, Gogamedi, Kanwani	Cotton, Pearl millet, Cluster bean, Moong been, Moth been, Wheat, Barley Mustard, Gram, Oat & Dairy etc.	<ul style="list-style-type: none"> • Erratic rainfall • <input type="checkbox"/>Frequent drought • Saline water • <input type="checkbox"/>Low crop productivity • Unavailability of quality seed of crops • Lack of knowledge about scientific cultivation. • Lack of diversification in agriculture. • Lack of knowledge about climate change. • Lack of awareness about water management. • Lack of knowledge Soil fertility management. • Unemployment. 	<ul style="list-style-type: none"> • To increase the productivity of major field crops and encouraging farmers for sustainable agriculture through natural/integrated farming system using compost, vermi-compost, FYM and moisture conservation technology. • Encouraging farmers for seed production to obtain good quality seed. • To popularize Integrated Pest Management especially stress on seed treatment and motivate the farmers for income generation through Bee-keeping and mushroom cultivation. • To motivate the farmers, youths and farm women for Dairy, Sheep and Goat Farming, Poultry and Pig farming for self-employment and income generation. • To extend the area under fruit orchards and techniques in nursery raising and its proper management. • Introducing employment generation activities for farm women like Backyard Poultry, fruit and vegetable preservation, tailoring, embroidery, soft toys making etc. • Motivate the farmers to check the soil & water sample to know about nutritional value of soils. • Promotion of fodder production and conservation <input type="checkbox"/> • Promotion of alternate land use system • Enhancement of Livestock productivity and value addition
Bhadra	Bhadra	Berwala ki Dhani, Suratpura, Bhirani, Pacharwali, Momanwas, Motsara, lakhanwas, Bhanai	Cotton, Pearl millet, Cluster bean, Moong been, Moth been, Wheat, Barley Mustard, Gram, Oat & Dairy etc.	<ul style="list-style-type: none"> • Erratic rainfall • <input type="checkbox"/>Frequent drought • Saline water • <input type="checkbox"/>Low crop productivity • Unavailability of quality seed of crops • Lack of knowledge about scientific cultivation. • Lack of diversification in agriculture. • Lack of knowledge about climate change. • Lack of awareness about water management. • Lack of knowledge Soil fertility management. • Unemployment. 	<ul style="list-style-type: none"> • To increase the productivity of major field crops and encouraging farmers for sustainable agriculture through natural/integrated farming system using compost, vermi-compost, FYM and moisture conservation technology. • Encouraging farmers for seed production to obtain good quality seed. • To popularize Integrated Pest Management especially stress on seed treatment and motivate the farmers for income generation through Bee-keeping and mushroom cultivation. • To motivate the farmers, youths and farm women for Dairy, Sheep and Goat Farming, Poultry and Pig farming for self-employment and income generation. • To extend the area under fruit orchards and techniques in nursery raising and its proper management. • Introducing employment generation activities for farm women like Backyard Poultry, fruit and vegetable preservation, tailoring, embroidery, soft toys making etc. • Motivate the farmers to check the soil & water sample to know about nutritional value of soils. • Promotion of fodder production and conservation <input type="checkbox"/> • Promotion of alternate land use system • Enhancement of Livestock productivity and value addition
Rawatsar	Rawatsar	Chaiya, Chak 15 KWD, Chak-4 AM, Kikraliya, Modhunagar, Chak Bhakrawala, Ramsara-Motoriya, Jorawarpura, Khetawali dhani, Dhannasar, Budhwaliya,	Cotton, Rice, Pearl millet, Cluster bean, Moong been, Moth been, Wheat, Barley Mustard, Gram, Oat & Dairy etc.	<ul style="list-style-type: none"> • Erratic rainfall • <input type="checkbox"/>Frequent drought • Saline water • <input type="checkbox"/>Low crop productivity • Unavailability of quality seed of crops • Lack of knowledge about scientific cultivation. • Lack of diversification in agriculture and allied Sectors. • Lack of knowledge about climate change. • Lack of awareness about water management. • Lack of knowledge Soil fertility management. • Unemployment. 	<ul style="list-style-type: none"> • To increase the productivity of major field crops and encouraging farmers for sustainable agriculture through natural/integrated farming system using compost, vermi-compost, FYM and moisture conservation technology. • Encouraging farmers for seed production to obtain good quality seed. • To popularize Integrated Pest Management especially stress on seed treatment and motivate the farmers for income generation through Bee-keeping and mushroom cultivation. • To motivate the farmers, youths and farm women for Dairy, Sheep and Goat Farming, Poultry and Pig farming for self-employment and income generation. • To extend the area under fruit orchards and techniques in nursery raising and its proper management. • Introducing employment generation activities for farm women like Backyard Poultry, fruit and vegetable preservation, tailoring, embroidery, soft toys making etc. • Motivate the farmers to check the soil & water sample to know about nutritional value of soils. • Promotion of fodder production and conservation <input type="checkbox"/> • Promotion of alternate land use system • Enhancement of Livestock productivity and value addition



2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Cotton, Guar, Moong, Moth, Wheat, Gram, Mustard, Barley.	To increase the productivity of major field crops through use of HYV and encouraging farmers for sustainable agriculture through natural farming system using compost, vermi-compost, FYM and moisture conservation technology.
Cotton, Guar, Moong, Moth, Wheat, Gram, Mustard, Barley.	To popularize IPM & IDM especially stress on seed treatment, Diversified the cropping system.
Seed production	Encouraging farmers for seed production to obtain good quality seed.
Animal Production	To motivate the farmers, youths and farm women for Dairy, Sheep and Goat Farming, Poultry and Pig farming for self-employment and income generation.
Kinnow, Malta, Pomegranate, Aonla, Ber, Carrot, Methi, Onion, Muskmelon, Garlic	To extend the area under fruit orchards and techniques in nursery raising and its proper management.
Beekeeping & Mushroom cultivation	To motivate the farmers for income generation through Bee- keeping and mushroom cultivation.
Income generation activities for farm women & rural youth	Introducing employment generation activities for farm women like fruit and vegetable preservation, tailoring, embroidery, soft toys making etc.
Fish Farming	To motivate the farmers for fish farming and fish seed production.

3. TECHNICAL ACHIEVEMENTS**3.A. Details of target and achievements of mandatory activities by KVK during 2017-18**

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Total no. of Trials		Area in ha		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
03	01	16	06	40.00	36.00	100	100
04	03	45		60	30	60	30
Total							
07	04	16/45	06/30	40/60	36/30	100/60	100/30

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	38	46	1400	1450				
Rural youth	-	4	-	125				
Extn. Functionaries					-	178	-	7702
Sponsored Training	-	9	-	252				
Total	38	59	1400	1827		178		7702



Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers

TECHNOLOGY ASSESSMENT AND REFINEMENT

Summary of technologies assessed under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers
Integrated Pest Management	Wheat	Nematodes management in wheat.	06	06

Summary of technologies refined under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Feed and Fodder management	Cattle	Conservation and preservation of green forage as silage for providing green forage in lean periods to farm animals.	10	10
Nutrition Management	Cattle	Impact of Mineral & Vitamin supplement in heifers on reproductive performance	10	10
	Cattle	Impact of Mineral Mixture feeding to animals on growth performance	10	10
Total			30	30

TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

INTEGRATED PEST MANAGEMENT

Problem definition: Low productivity of wheat due to heavy infestation of Nematodes.

Technology assessed: Nematodes Management in Wheat.

A trial was conducted by KVK Nohar, Hanumangarh-II to assess nematodes management in Wheat. Under T-1 (Farmer's practices) Carbofuran @ 2.5 Kg/ ha at first irrigation; T-2 (Recommended practice) Paciliomayces lilacinus culture @ 4 liter with 4 quintal farm yard manure per ha. The results revealed that T-2 Paciliomayces lilacinus culture @ 4 liter with 4 quintal farm yard manure per ha was recorded higher yield (55.80q/ha) also gave maximum net returns of Rs 59,270/ha with higher B:C ratio (2.54) as compared to T-1.

**Table: Nematodes Management in Wheat. (2017-18)**

<i>Technology Option</i>	<i>No. of trials</i>	<i>Yield (Qtl/ha)</i>	<i>Net Returns (Rs./ha)</i>	<i>BC Ratio</i>
T1 : (Farmer's practices) Carbofuran @ 2.5 Kg/ ha at first irrigation	06	48.40	48100	2.31
T2 : (Recommended practice) Pacilomayces lilacinus culture @ 4 liter with 4 quintal farm yard manure per ha		55.80	59270	2.54

LIVE STOCK ENTERPRISES

Problem definition: Scarcity of green forage in lean periods

Technology Assessed : Conservation and preservation of green forage as silage for providing green forage in lean periods to farm animals. (3rd year)

KVK Nohar, Hanumangarh-II assessed Conservation and preservation of green forage as silage for providing green forage in lean periods to farm animals as per following treatments:-T1- Farmers practice: Nil(Feeding straw only in lean periods) and T2- Assessment: T1 + green forage as silage.

Table: Conservation and preservation of green forage as silage for providing green forage in lean periods to farm animals. (2017-18)

Technology Option	No. of trials	Data on parameter (Feed/Fodder in Qtl.)	Net Returns	B:C Ratio
T1 : Farmers practice(Control) – Nil	5	Result awaited		
T2 : Assesement : Silo poly propylene bag convenient & effective for silage making		“		

Problem definition: Low reproductive performance

Technology Assessed : Impact of Mineral & Vitamin supplement in heifers on reproductive performance. (1st year)

KVK Nohar, Hanumangarh-II assessed Impact of Mineral & Vitamin supplement in heifers on reproductive performance as per following treatments:-T1- Farmers practice: Feeding straw + Cotton Seed Cake and T2- Assessment: T1 + Mineral mixture @ 30 g/day/Animal & Vitamin supplement 50 g/day/Animal. Result shows that Out of 5 animal on trial, 4 animal successfully conceived with success rate of 80% with T2 while only 2out of 5 animal conceived with only 40% success rate with T1. So it reveals that to improve reproductive performance, mineral mixture and vitamine suppliments play very important role.

Table: Impact of Mineral & Vitamin supplement in heifers on reproductive performance (2017-18)

Technology Option	No. of trials	Animal Successfully Conceived	Success rate
T1 : Recommended farmer's practice: Balanced roughage and concentrate ration	5	2	40 %
T2 : Assesement: T1 + Mineral mixture @ 30 g/day/Animal & Vitamin supplement 50 g/day/Animal		4	80 %

Problem definition: Low growth rate.

Technology Assessed : Impact of Deworming and Mineral Mixture feeding on growth performance. (1st year)



KVK Nohar, Hanumangarh-II assessed Impact of Deworming and Mineral Mixture feeding on growth performance as per following treatments:-T1- Farmers practice: Feeding straw + Cotton Seed Cake and T2- Assessment: T1 + Mineral mixture (After proper deworming) for 120 days.

Table: Impact of Deworming and Mineral Mixture feeding on growth performanc (2017-18)

Technology Option	No. of trials	Data on parameter
T1 : Farmers practice: Feeding straw + Cotton Seed Cake	5	Result awaited
T2 : Assesement: T1 + Mineral mixture (After proper deworming) for 120 days.		

II. FRONTLINE DEMONSTRATION

Extension and training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	6		202	-
2	Farmers Training	5		151	-
3	Media coverage	5		Mass coverage	-
4	Training for extension functionaries	-		-	-

Details of FLDs implemented during 2017-18

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Green gram	Integrated Crop Management	Popularize & performance of high yielding varieties	Kharif 2017	4.0	4.0	2	8	10	-
2	Cluster bean		Popularize & performance of high yielding varieties	Kharif 2017	4.0	4.0	1	9	10	-
3	Pearl millet		Popularize & performance of new yielding varieties	Kharif 2017	4.0	4.0	2	8	10	-
4	Mothbean		Popularize & performance of new yielding varieties	Kharif 2017	4.0	4.0	4	6	10	-
5	Mustard		Popularize & performance of high yielding varieties	Rabi 2017-18	4.0	4.0	1	9	10	-
6	Gram		Popularize & performance of high yielding varieties	Rabi 2017-18	4.0	4.0	2	8	10	-
7	Wheat		Popularize & performance of new yielding varieties	Rabi 2017-18	4.0	4.0	2	8	10	-
8	Barley		Popularize & performance of high yielding varieties	Rabi 2017-18	4.0	4.0	2	8	10	-
9	Oat	Fodder production	Popularize & performance of new yielding varieties	Rabi 2017-18	2.0	2.0	3	7	10	-
10	Lucerne		Popularize & performance of high yielding varieties	Rabi 2017-18	2.0	2.0	3	7	10	-

11	Livestock	Animal Nutrition/ Production Management	Economical Impact of using Morden manger for feeding dairy animals	Throughout the year	-	-	3	7	10	-
12	Livestock		Importance of Cow mat in Animal production management	Throughout the year	-	-	2	8	10	-
	Livestock		Technique of Azolla Cultivation and importance of feeding Azolla to Farm animals	Throughout the year	-	-	7	8	15	-

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Green gram	Kharif	Rainfed	Sandy loam to loam	L	M	M	Gram	05-15 July, 17	15-30 Sept., 17	-	-
Cluster bean	Kharif	Rainfed	Sandy loam to loam	L	M	M	Mustard	05-15 July, 17	15-30 Sept., 17	-	-
Pearl millet	Kharif	Rainfed	Sandy loam to loam	L	M	M	Gram	05-15 July, 17	01-10 Oct.,17	-	-
Mothbean	Kharif	Rainfed	Sandy loam to loam	L	M	M	Mustard	05-15 July, 17	05-20 Sept., 17		
Mustard	Rabi	Irrigated	Sandy loam to loam	L	M	M	Guar	15-25 Oct.,17	01-10 April,18	-	-
Gram	Rabi	Rainfed	Sandy loam to loam	L	M	M	Guar	15-25 Oct.,17	01-10 April,18	-	-
Wheat	Rabi	Rainfed	Sandy loam to loam	L	M	M	Greengram	05-15 Nov.,17	15-25 April,18		
Barley	Rabi	Irrigated	Sandy loam to loam	L	M	M	Pealmillet	05-15 Nov.,17	01-10 April,18	-	-
Oat	Rabi	Irrigated	Sandy loam to loam	L	M	M	Guar	15-25 Oct.,17	01-10 April,18	-	-
Lucerne	Rabi	Irrigated	Sandy loam to loam	L	M	M	Guar	15-25 Oct.,17	01-10 April,18	-	-

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Mustard																		
Rabi 2017-18	Integrated Crop Management	Popularize & performance of high yielding varieties	RH-749	10	4.0	22.4	17.20	18.84	16.40	14.88	19480	73476	53996	3.77	18600	63960	45360	3.44

FRONTLINE DEMONSTRATION ON PULSE CROPS

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Greengram																		
Kharif 2017	Integrated Crop Management	Popularize & performance of high yielding varieties	IPM 02-3	10	4.0	11.00	8.60	9.92	8.15	21.72	12960	42656	29696	3.29	11740	35045	23305	2.99
Mothbean																		
Kharif 2017	Integrated Crop Management	Popularize & performance of high yielding varieties	RMO-40	10	4.0	5.20	3.80	4.28	3.65	17.26	7400	14124	6724	1.91	6900	12045	5145	1.75
Chickpea																		
Rabi 2017-18	Integrated Crop Management	Popularize & performance of high yielding varieties	GNG-1581	10	4.0	20.8	14.0	16.24	14.40	12.78	20120	71456	51336	3.55	19200	63360	14160	3.30

FLD on Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					High	Demo Low	Average	Check		De mo	Ch eck	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cereals																			
Wheat																			
Rabi 2017-18 (HD 3086)	Integrated Crop Management	Popularize & performance of new yielding varieties	10	4.0	60.00	52.80	56.24	48.80	15.25	-	-	35680	98420	62740	2.76	34600	85400	50800	2.47
Barley																			
Rabi 2017-18 (RD-2052)	Integrated Crop Management	Popularize & performance of high yielding varieties	10	4.0	41.20	31.20	36.56	30.40	20.26	-	-	27100	45700	18600	1.69	24560	38000	13440	1.55
Bajra																			
Kharif 2017 (HHB-67 Improved)	Integrated Crop Management	Popularize & performance of high yielding varieties	10	4.0	22.00	18.80	20.6	17.4	18.39	-	-	14800	24720	9920	1.67	14200	20880	6680	1.47
Commercial Crops																			
Clusterbean																			
Kharif 2017 (HG 2-20)	Integrated Crop Management	Popularize & performance of high yielding varieties	10	4.0	13.10	9.20	10.43	8.80	18.52	-	-	12200	38591	26391	3.16	10990	32560	21570	2.96
Fodder Crops																			
Lucerne																			
Rabi 2017-18 (Anmol)	Integrated Crop Management	Popularize & performance of high yielding varieties	10	2.0	665	580	630	540	16.67	-	-	19500	133000	113500	6.82	18700	116000	97300	6.20
Oat (F)																			
Rabi 2017-18 (JHO-822)	Integrated Crop Management	Popularize & performance of new yielding varieties	10	2.0	528	370	500	420	19.05	-	-	18950	100000	81050	5.28	17550	84000	66450	4.79

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units (Animal/ Poultry/ Birds, etc)	Average milk yield (Litre/Day)		% change in major parameter	Other economical benefit(Rs.)		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cattle																	
Cow (HF Cross)	Animal Nutrition Management	Modern Technique of Azolla production	10	10	Result awaited												
Dairy																	
Cow (HF Cross)	Animal Production Management	Modern Manger	10	10	20.5	19.5	5.13	70	-	190	480	290	2.53	170	390	220	2.29
Cow (HF Cross)	Animal Production Management	Cow mat	10	10	17.5	17	2.94	140	-	180	490	310	2.72	155	340	185	2.19
Sheep & Goat																	
Sirohi (Cross) Goat	Animal Nutrition Management	Modern Technique of Azolla production	05	05	Result awaited												










* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers liked Guar (HG-2-20), Mustard (RH-749) Gram (GNG-1581), Bajra (HHB-67 Improved) and other new varieties.
2	New variety HD-3086 & RH-749 impressed the farmers.
3	Moong variety IPM-02-3 impressed the farmers.
4	Increased yield helps the farmers to getting good income.
5	Farmers were satisfied with the supply of seeds and other inputs.
6	Farmers accepting the fact of importance of cow mat for animal production and management and so adopting at huge level.
7	Modern manger technique proved it's economic importance in animal feeding so farmers adopting very fast.
8	Azolla technique will be proved as boon for animals in this particular canal water area.

Action photographs of OFT and FLD conducted at Farmers field by the scientists of KVK Nohar

		
Performance of FLD on Clusterbean at selected farmers field	Field day on Clusterbean crops at Fefana village	Field day on Mothbean crops at selected farmers field
		
Field day on Mustard at Thaldka village	FIELD DAY ON GREENGRAM CROPS AT CHARANVASI VILLAGE	Field day on Pearlmillet crops at Bhagwan village
		
PERFORMANCE OF FLD ON WHEAT CROPS AT SELECTED FARMERS FIELD	FIELD DAY ON WHEAT AT THALDKA VILLAGE	PERFORMANCE OF OFT ON WHEAT CROPS AT SELECTED FARMERS FIELD
		
PERFORMANCE OF FLD ON GRAM CROPS AT SELECTED FARMERS FIELD	FIELD DAY ON GRAM AT RAMGARH VILLAGE	FIELD DAY ON BARLEY AT 16-17 KNN VILLAGE



III. TRAINING PROGRAMME

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Crop Diversification	1	30	0	30	2	0	2	32	0	32
Integrated Farming	1	24	0	24	3	0	3	27	0	27
Integrated Crop Management	1	24	0	24	3	0	3	27	0	27
Production of organic inputs	1	24	0	24	1	0	1	25	0	25
Total	4	102	0	102	9	0	9	111	0	111
IV Livestock Production and Management										
Dairy Management	2	67	0	67	13	0	13	80	0	80
Feed & fodder technology	1	42	0	42	7	0	7	49	0	49
Production of quality animal products	1	32	0	32	2	0	2	34	0	34
Sheep and goat rearing	4	63	0	63	62	0	62	125	0	125
Total	4	141	0	141	22	0	22	163	0	163
GRAND TOTAL	8	243	0	243	31	0	31	274	0	

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	2	46	0	46	10	0	10	56	0	56
Cropping Systems	1	24	0	24	4	0	4	28	0	28
Integrated Crop Management	6	106	2	108	48	2	50	154	4	158
Soil & water conservation	1	5	0	5	26	0	26	31	0	31
Integrated nutrient management	3	83	0	83	6	0	6	89	0	89
Production of organic inputs	2	60	0	60	14	0	14	74	0	74
Total	15	324	2	326	108	2	110	432	4	436
IV Livestock Production and Management										
Dairy Management	3	84	3	87	6	0	6	90	3	93
Poultry Management	1	36	0	36	0	0	0	36	0	36
Disease Management	6	132	0	132	18	0	18	150	0	150
Feed & fodder technology	5	133	5	138	29	3	32	162	8	170
Production of quality animal products	4	141	0	141	7	0	7	148	0	148
Others (pl specify) Sheep & Goat Farming	2	5	0	5	57	0	57	62	0	62
Total	21	531	8	539	117	3	120	648	11	659
VII Plant Protection										
Integrated Pest Management	3	86	0	86	12	0	12	98	0	98
Integrated Disease Management	1	37	6	43	2	0	2	39	6	45
Total	4	123	6	129	14	0	14	137	6	143
GRAND TOTAL	40	978	16	994	239	5	244	1217	21	1238



Farmers' Training including sponsored training programmes – CONSOLIDATED (On + Off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	2	46	0	46	10	0	10	56	0	56
Cropping Systems	1	24	0	24	4	0	4	28	0	28
Crop Diversification	1	30	0	30	2	0	2	32	0	32
Integrated Farming	1	24	0	24	3	0	3	27	0	27
Integrated Crop Management	7	130	2	132	51	2	53	181	4	185
Soil & water conservatioin	1	5	0	5	26	0	26	31	0	31
Integrated nutrient management	3	83	0	83	6	0	6	89	0	89
Production of organic inputs	3	84	0	84	15	0	15	99	0	99
Total	19	426	2	428	117	2	119	543	4	547
IV Livestock Production and Management										
Dairy Management	5	151	3	154	19	0	19	170	3	173
Poultry Management	1	36	0	36	0	0	0	36	0	36
Disease Management	6	132	0	132	18	0	18	150	0	150
Feed & fodder technology	6	175	5	180	36	3	39	211	8	219
Production of quality animal products	5	173	0	173	9	0	9	182	0	182
Others (pl specify)										
Total	23	667	8	675	82	3	85	749	11	760
VII Plant Protection										
Integrated Pest Management	3	86	0	86	12	0	12	98	0	98
Integrated Disease Management	1	37	6	43	2	0	2	39	6	45
Total	4	123	6	129	14	0	14	137	6	143
GRAND TOTAL	46	1216	16	1232	213	5	218	1429	21	1450

Training for Rural Youths including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Sheep and goat rearing	4	63	0	63	62	0	62	125	0	125
TOTAL	4	63	0	63	62	0	62	125	0	125

Table. Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		M	F	T	M	F	Total	Male	Female	Total
Crop production and management	2	52	0	52	8	0	8	60	0	60
Total	2	52	0	52	8	0	8	60	0	60
Livestock and fisheries										
Livestock production and management	1	38	0	38	8	0	8	46	0	46
Fisheries Management	1	27	0	27	3	0	3	30	0	30
Others (pl. specify) Sheep & Goat Farming	1	31	0	31	3	0	3	34	0	34
Total	2	69	0	69	11	0	11	80	0	80
Agricultural Extension										
Others (pl. specify)	4	68	10	78	4	0	4	72	10	82
Total	4	68	10	78	4	0	4	72	10	82
GRAND TOTAL	9	216	10	226	26	0	26	242	10	252

Name of sponsoring agencies involved: ATMA, Hanumangarh



IV. EXTENSION PROGRAMMES

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services				
Diagnostic visits	2	27		27
Field Day	11	314	1	315
Group discussions				
Kisan Ghosthi	15	517		517
Exhibition	6	2294		2294
Scientists' visit to farmers field	139	4314		4314
Celebration of important days				
Special day celebration	3	184		184
Exposure visits	2	52		52
Others (pl. specify)				
Total	178	7702		7702

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	
Extension Literature	1559
News paper coverage	72
Popular articles	
Radio Talks	
TV Talks	
Animal health amps (Number of animals treated)	
Others (pl. specify)	
Total	1631

Name of KVK	Message Type	Type of Messages						Total
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	
	Text only	3				8	5	16
	Voice only							
	Voice & Text both							
	Total Messages	3				8	5	16
	Total farmers Benefitted	43985				43985	43985	43985



DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organised Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
	Gosthies	6		crop/livestock
	Lectures organized	4		crop/livestock
	Exhibition	1		crop/livestock
	Film show	2		crop/livestock
	Fair			
	Farm Visit	5		crop/livestock
	Diagnostic Practicals			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week			

DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)	No. of soil health cards distributed
Soil	213	213			213
Others (pl.specify)					
Total	213	213			213

SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Date of SAC Meeting	Participants
KVK Nohar, Hanumangarh - II	17-03-2017	40
KVK Nohar, Hanumangarh - II	07-03-2018	34

PUBLICATIONS

Category	Number
Research Paper	1
Technical bulletins	
Technical reports	4
Others (pl. specify)	917



INTERVENTIONS ON DISASTER MANAGEMENT/UNSEASONAL RAINFALL/HAILSTORM/COLD WAVES ETC

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No. of participants
Dairy Management	1	34
Feed and Fodder Management	1	26
Total	2	60

Awareness campaign

	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers
Swachhta Pakhwada	03	99	1	39	-	-	-	-	-	-	-	-
Parthenium Awareness	03	133	1	47	-	-	-	-	-	-	1	56
Yoga Day	01	98										
Swachhta Hi Sewa Campaign	07	283	2	52	-	-	-	-	-	-	1	26
Total	14	613	4	138							2	82

STATUS REVOLVING FUNDS

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year
April 2014 to March 2015	1,00,000.00	2,139.00	-	1,02,139.00
April 2015 to March 2016	1,02,139.00	2,060.00	-	1,04,199.00
April 2016 to March 2017	1,04,199.00	32,201.00	-	1,36,400.00

ANY OTHER ACTIVITIES WORTH MENTIONING

MEGA GAON MEGA GAURAV

Team of Scientist and Village Selected:

Team	Sl. No.	Name	Designation	Village Selected
1	1	Akshaya Ghintala	Teaching Associate	Ramgarh Parluka
	2	Dr. Naveen Saini	Teaching Associate	
	3	Bheiru Singh	Teaching Associate	

Name of institute/university: KVK, Nohar, Hanumangarh-II (RAJUVAS, Bikaner)

No. of Teams formed: 1

No. of Villages Selected: 2

No. of Team of Scientists	No. of Scientists	No. of Villages	No. of Blocks	No. of Districts	Bench Mark Survey conducted (No. of villages)
2	3	2	1	1	2

Table 1: Activities organised by KVK, Nohar, Hanumangarh-II under MGMG

SN	Name of activity	No. of activities conducted	No. of farmers participated & benefitted
1.	Visit to village by teams	13	429
2.	Interface meeting/ <i>Goshthies</i>	13	459
3.	Training organized	-	-
4.	Demonstrations conducted	10	10
5.	Mobile based advisories (No.)	-	-
6.	Literature support provided	-	361
7.	Awareness created	4	245
8.	Input support provided (q)	-	-
	Total	17	1075

Table : Other activities organized by KVK, Nohar, Hanumangarh-II.

SN	Name of activity	No. /Area (ha)	No. of farmers benefitted
1.	Linkages developed with other agencies (No. of agency)	8	
2.	Facilitation for new varieties, seeds, technology	-	-
	i. New varieties (No.)	4	4
	ii. Technology (No.)	6	6
	iii. Seeds (q)	-	-
	iv. New crops (No.)	-	-

Activity-wise action photographs (MGMG village):**Different Kisan goshthi under MGMG****Different trainings, field visits & Field day under MGMG**



Swachhta Hi Seva Campaign

Swachhta Hi Seva Campaign (15th Sept. to 2nd Oct., 2017)

Detail programme during the Swachhta Pakhwada (15th Sept. to 2nd Oct., 2017)

S.No.	Activities related to “Swachhta Hi Sewa” Campaign.
01	Inauguration of Swachh Bharat Mission. Motivation for Swachhta Abhiyan in office building. 15.09.2017
02	Cleaning of surrounding office building. 16.09.2017
03	Celebration of Sewa Diwas. 17.09.2017
04	Cleaning of office Rooms particularly fans, almirah, drawer, etc. 18.09.17
05	Celebration of Samagra Swachhta Diwas at LRS, Nohar. 24.09.2017
06	Celebration of Sarwatra Swachhta Diwas. 25.09.2017
07	Awareness programme at Parlika among students about “Swachhta Hi Sewa” Campaign. 26.09.2017
08	Cleaning of surrounding office building uprooting of unwanted/weeds from campus particularly <i>Parthenium</i> free campus. 27.09.2017
09	Awareness programme on organic farming and How to convert FYM to Different organic manures at Malwani. 29.09.2017
10	Public function under "Swachhata Hi Sewa. 02.10.2017



Celebration of Samagra Swatchhta Diwas 24th Sept. 2017



Celebration of Sarwatra Swatchhta Diwas 25th Sept. 2017



Awareness programme on organic farming

Parthenium Awareness Week (16-22 August, 2017)



Parthenium awareness programme at Ramgarh (MGMG)



Parthenium awareness programme

Celebration of important & special days



Celebrated International Yoga Day on 21st June, 2017



Pradhan, Panchayat Samithi, Nohar, Shri Amar Singh Poonia addressed National Honey Bee Day at Fefana on 19th August, 2017



Celebrated National Swachhata Diwas at Ramgarh on 02nd Oct, 2017 at .



Celebrated National Mahila Kisan Diwas on 15th Oct, 2017



Celebrated National Agricultural Education Day on 02nd Dec, 2017



Pradhan, Panchayat Samithi, Nohar, Shri Amar Singh Poonia addressed World Soil Day on 05th Dec, 2017

SCIENTIFIC ADVISORY COMMITTEE MEETING



Photo: 5th Scientific Advisory Committee meeting of Krishi Vigyan Kendra, NOHAR, Hanumangarh-II was held on dated 07th March, 2018 at Panchayt Samiti Hall, Noohar.

EXHIBITON STALL



KVK, Nohar exhibition got 3rd prize in Kesan Mela, organized by KVK, Sangaria under “New India Manthan-Sankalp Se Siddhi Programme.”



KVK exhibition stall in the “Kisan Mela” on 19th-20th October, 2017 at Hanumangarh”

Veterinary University Training & Research Centre (VUTRC), Kumher, Bharatpur

Annual Progress Report (1 April 2017 to March 31, 2018)



DIRECTORATE OF EXTENSION EDUCATION
Rajasthan University of Veterinary and Animal Sciences,
Bikaner-334001

1. General Information about Bharatpur District

Map of Bharatpur District



Bharatpur- The 'Eastern Gateway to Rajasthan', was founded by Maharaja Suraj Mal in 1733 AD, it was once an impregnable well fortified city, carved out of the region formerly known as Mewat. The trio of Bharatpur, Deeg and Dholpur has played an important part in the history of Rajasthan. The place was named as Bharatpur after the name of Bharat, the brother of Lord Rama, whose other brother Laxman was worshipped as the family deity of the Bharatpur. The legends say the rulers Laxman's name is engraved on the state arms and the seals. Bharatpur is also known as 'LOHAGARH'. There is a forest called 'GHANA' means dense forest within a distance of about 5 Km. from District Head Quarter which remains green during the rainy season. Bharatpur Ghana's plan was prepared in 1896 by the State Engineer for driving and confining the wild cattle in the dense forest with 250 species of migratory birds during the monsoon season and 'winter' season, which is famous all over India and world for being a great sanctuary of birds.

2. Geographical Position

Bharatpur, Eastern gate of Rajasthan, is situated between 26° 22' to 27° 83' North Latitude and 76° 53' to 78° 17' East Longitude. It is situated 100 meters above the sea level. It is 184 km. away from Delhi in South-East. Northern Border of the district touches district Gurgaon of state Haryana, Eastern Border touches district Mathura, Southern Border touches district Agra of state Uttar Pradesh and district Dholpur of Rajasthan. It touches district Dausa in south-west and district Alwar in the North-West. Kumher is 20 km. away from Bharatpur on Alwar-Bharatpur highway.



3. Tehsils/Gram Panchayats/ Villages in Bharatpur

There are 11 Sub-divisions/Tehsils (Bharatpur, Kumher, Deeg, Kaman, Nagar, Pahadi, Nadbai, Bhusawar, Weir, Bayana, Rupbas), 10 Panchayat Samities (Sewar, Kumher, Deeg, Kaman, Nagar, Pahadi, Nadbai, Weir, Bayana, Rupbas), 374 Gram Panchayats and 1534 Villages in district Bharatpur.

1	Tehsils	11
2	Panchayat Samities	10
3	Gram Panchayats	374
4	Villages	1534

4. Bharatpur District Population 2011

Description	2011	2001
Actual Population	2,548,462	2,101,142
Male	1,355,726	1,133,425
Female	1,192,736	967,717
Population Growth	21.29%	26.39%
Area Sq. Km	5,066	5,066
Density/km ²	503	415
Proportion to Rajasthan Population	3.72%	3.72%
Sex Ratio (Per 1000)	880	854
Average Literacy	70.11%	63.58%
Male Literacy	84.10%	80.54%
Female Literacy	54.24%	43.56%
Literates	1,480,869	1,063,582
Male Literates	943,910	729,301
Female Literates	536,959	334,281
Description	Rural	Urban
Population (%)	80.57 %	19.43 %
Total Population	2,053,363	495,099
Male Population	1,093,357	262,369
Female Population	960,006	232,730
Sex Ratio	878	887
Literates	1,143,404	337,465
Male Literates	745,044	198,866
Female Literates	398,360	138,599
Average Literacy	67.85 %	78.99 %
Male Literacy	83.09 %	88.10 %
Female Literacy	50.53 %	68.78

5. Status of livestock and poultry population in district(Livestock census 2012)

Species		Bharatpur	State	% of state	% of district livestock
Cattle	Exotic/C.B.	37420	1735072	2.16	2.95
	Indigenous	129474	11589390	1.12	10.20
	Total Cattle	166894	13324462	1.25	13.15



Buffalo	836220	12976095	6.44	65.87
Sheep	65049	9079702	0.72	5.12
Goat	172391	21665939	0.80	13.58
Horses & Ponies	754	37776	2.00	0.06
Mules	81	3375	2.40	0.01
Donkeys	1442	81468	1.77	0.11
Camel	2287	325713	0.70	0.18
Pig	24297	237674	10.22	1.91
Livestock	1269415	57732204	2.20	100.00
Poultry At Backyard	147542	3033212	4.86	85.11
Poultry At Farm	25806	4991212	0.52	14.89

6. District Agriculture profile

1	Agro-Climatic Zone	Central Plateau and Hills Region (VIII)
2	Land Use Pattern	Area ('000 ha)
	Geographical area	507.07
	Cultivable area	393.64
	Forest area	33.65
	Land under non- agricultural use	29.93
	Permanent pastures	7.74
3	Agricultural land use	Area ('000 ha)
	Net sown area	393.64
	Area sown more than once	180.74
	Gross cropped area	574.38
4	Average annual rainfall	519 mm
5	Irrigation	Area ('000 ha)
	Net irrigated area	327.56
	Gross irrigated area	330.99
	Rainfed area	243.38

1. General Information about VUTRC, Kumher

1.1 Name and address of VUTRC with phone, fax and e-mail:

Address	Telephone		E mail
	Office	FAX	
VUTRC, Dhanwara Road, Mali Mohalla Kumher (Bharatpur) PIN- 321201	-	-	vutrcumher.rajuvas@gmail.com

1.2 Name and address of host organization with phone fax and e-mail:

Address	Telephone		E mail
	Office	FAX	
DEE, RAJUVAS, Bikaner	+91151-2200505	+91151-2549348	deerajuvass@gmail.com

1.3 Name of the Programme Coordinator with phone & mobile No:

Name	Telephone / Contact		
	Residence	Mobile	Email
Prof. (Dr.) A.P. Singh	Bikaner	+91-9414139188	deerajuvass@gmail.com



1.4 Year of sanction:

1.5 Staff Position: (as on 31st March, 2018)

S N	Name of Post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs)	Date of joining	Permanent / Temporary
1	Associate Professor	—	—	—	—	—	—
2	Assistant Professor	Dr. Arun Kumar	Assistant Professor	Livestock product technology	15,600-39,100	21 th November, 2014	Permanent
3	Teaching Associate	Dr. Munesh Kumar Pushp	Teaching Associate	Veterinary Gynecology and Obstetrics	40,000	2 nd May 2017	Temporary
4	Teaching Associate	Dr. Rohit Kumar Tiwari	Teaching Associate	Veterinary Pathology	40,000	27 th Dec 2017	Temporary
5	Livestock Assistant	Contractual	Livestock Assistant	—	12884	July 2014	Temporary
6	Supportive Staff	Contractual	Skilled	—	6058	Sept. 2014/	Temporary
		Contractual	Unskilled	—	5538	June 2015	

2 Objectives of VUTRC

1. To impart training on the felt need of the end users, practicing farmers and officers of the line departments.
2. To act as a two-way channel between University and the farmers to identify the field based livestock and poultry problems and also to pass on the remedial measures.
3. To conduct on farm trial on the latest research findings of the University and field oriented problems specific to the area.
4. Survey of bacterial, viral and parasitic diseases to formulate the schedule of vaccination and deworming.
5. To ensure an immediate and thorough diagnosis of disease in the event of an outbreak with special emphasis on disease reporting system.
6. To motivate and encourage in establishing livestock and poultry farms for self-employment by the local farmers.
7. To collaborate with State and Central sponsored rural development programmes.
8. To develop and maintain data base on livestock / Poultry in the area.
9. To carryout short term need based location specific projects.



3 Infrastructural Development:

A) Buildings

S N	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Complete on date	Plinth area (sqm)	Expenditure (Rs)	Starting date	Plinth area (sqm)	Status of construction
1	Administrative building	—	—	—	—	—	—	—

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs)	Total hours run	Present status
Hired Vehicle	-	-	-	-

C) Scientific Advisory Committee (SAC) meeting conducted:

Detail	Date	No. of Participants

4. Technical Achievements

a) Surveys

District Bharatpur having 11 Tehsils, 374 Gram Panchayats, out of which 38 Gram panchayats were selected randomly. From each selected Gram Panchayats, villages were selected by applying simple random sampling technique and from each selected village respondents were selected randomly who had at least one animal at the time of investigation. Total 2163 respondent surveyed.

5. Trainings:

a) Off Campus Training

Period	No. Of Activity	No. Of Participants		
		Male	Female	Total
April 2017	5	128	-	128
May 2017	6	150	26	176
June 2017	4	102	-	102
July 2017	8	201	3	204
August 2017	6	123	39	162
September 2017	10	194	23	217
October 2017	6	129	9	138
November 2017	8	150	61	211
December 2017	11	235	89	324
January 2018	10	221	24	245
February 2018	8	207	39	246
March 2018	5	72	38	110
Total	87	1912	351	2263

**b) On Campus Training**

Period	No. Of Activity	No. Of Participants		
		Male	Female	Total
April 2017	-	-	-	-
May 2017	1	17	-	17
June 2017	1	17	-	17
July 2017	1	16	-	16
August 2017	1	15	-	15
September 2017	-	-	-	-
October 2017	1	14	-	14
November 2017	1	24	-	24
December 2017	1	7	20	27
January 2018	1	13	-	13
February 2018	1	14	-	14
March 2018	-	-	-	-
Total	9	137	20	157

c) Vichar Goshthi

Period	No. Of Activity	No. Of Participants		
		Male	Female	Total
April 2017	3	60	10	70
May 2017	2	40	6	46
June 2017	3	31	17	48
July 2017	-	-	-	-
August 2017	1	11	5	16
September 2017	-	-	-	-
October 2017	-	-	-	-
November 2017	1	-	13	13
December 2017	-	-	-	-
January 2018	1	24	-	24
February 2018	1	-	14	14
March 2018	2	14	6	20
Total	14	180	71	251

d) Demonstration

Period	No. Of Activity	No. Of Participants		
		Male	Female	Total
April 2017	2	33	5	38
Total	2	33	05	38



6. Participants in Seminar/Conference/Workshop /Training /Meeting and other:

(a) Seminar/Conference/Workshop/Summer Winter School Participated

1. National Seminar of all India agriculture student association 2nd convention held at RAJUVAS, Bikaner on dated 7th October, 2017.
2. International Conference on Emerging Horizons in Diagnosis of Animal and Poultry Diseases- Towards Sustainable Production in Asian Countries, Asian Veterinary Pathology Congress, 9-11 Nov 2017, Dept of Vety Pathology, Veterinary College, Hebbal, Bengaluru, Karnataka, India.
3. National Seminar on Improvement of Small Ruminant Production System for Livelihood Security, 9-10 Mar 2017, CSWRI, Avikanagar, Rajasthan (India).
4. participation twenty-one days Summer school training on “Dynamics of In-tension of Ex- tension” to be held from 03.07.17 to 23.07.17 at Dept. of Extension Education, Institute of Agricultural Sciences, Banaras Hindu University (BHU), Varanasi.

(b) Training

1. Delivered a lecture in two days animal fair and exhibition organized Dept. of animal husbandry under the National Livestock Mission from dated 14.09.17 to 15.09.17.
2. As Resource person in training for Ghosala managers on topic दुग्ध उत्पादों की पैकिंग विधि, विपणन के विभिन्न तरीके, दुग्ध का अवशीतन, पाश्चुराइजेशन एवं विपणन, जैविक खाद, अमृतपानी, इनरिच कम्पोस्ट की जानकारी हेतु प्रायोगिक जानकारी देना at the department of Animal Nutrition.
3. Delivered Lecture to the farmers on topic अंडो का संरक्षण एवं ग्रेडिंग की विधियां at Department of Poultry, CVAS, Bikaner
4. Delivered Lecture to the farmers on topic जैविक कुक्कुट पालन एवं प्रबंधन at Department of Poultry, CVAS, Bikaner

(c) Meeting attended

- a. Participate in meeting at PGIVER, Jaipur regarding AHDP exam 2017 on Sept. 16, 2017.
- b. Participate in meeting of Scientific Advisory Committee (SAC) organized by KVK, Kumher on Feb. 22, 2018.
- c. Participate in meeting of Extension Education Council at RAJUVAS, Bikaner on June 18, 2017.
- d. Participate in meeting of National Livestock Mission (NLM) Committee on Aug09, 2017 and Feb 08, 2017.
- e. Participate in one day Krishi and Pashu vigyan Mela at RAJUVAS, Bikaner on March 06, 2017.

(d)Others

1. External examiner in AHDP exam 2017 from 18.9. 2017 to 27.9.2017.
2. External observer in AHDP exam 2017 from 03.10. 2017 to 07.10.2017.

7. Research Paper Published in International or National Journal:

- a. Dhananjay Kumar R.R.Kumar, **Arun Kumar**, S.K.Mendiratta, H. Lalawampuii, Vishal Kumbhar, Aanchal Choudhary, Sarita Kumari, Preeti Rana (2017). A PCR assay for Identification of Buffalo origin of tissue by amplification of mitochondrial D-loop gene, **Journal of Animal Research**. 7(1):7-14.
- b. Kumar, R., Ravi, S.K., Dholpuria, S., PurohiT, G.N., Pushp, M.K., Solanki, S., Ganguly, S., and Singh, C.P. (2018). Study on fresh semen characteristics in poitou donkeys, **Journal of entomology and zoology studies**, 6(1):227-229
3. Galav V, A Galav, S Dalal, **R Tiwari** and D Sonowal (2017). Trichoblastoma in Dog: A Case Report. **Veterinary Practitioner**, 18(2); Accepted for Publishing.
4. **Tiwari, R.K.**, Kumar, B., Galav, V., Sharma, S.K. and Galav, A. (2017). Isolation, Phenotypic Characterization and Antibio gram Profiles of Escherichia coli and Klebsiella spp. from Lower Respiratory Tract of Sheep and Goats. Poster presented at National Seminar on Improvement of Small Ruminant Production System for Livelihood Security, 9-10 Mar 2017, CSWRI, Avikanagar, Rajasthan (India).

8. News Paper Coverage: 12

Photographs of Trainings:



Veterinary University Training & Research Centre (VUTRC), (Bojunda) Chittorgarh

Annual Progress Report (1 April 2017 to March 31, 2018)



DIRECTORATE OF EXTENSION EDUCATION
Rajasthan University of Veterinary and Animal
Sciences, Bikaner-334001

RAJASTHAN UNIVERSITY OF VETERINARY & ANIMAL SCIENCES, BIKANER

- | | | |
|-------------------------|---|--|
| 1. Project Title | - | Veterinary University Training & Research Centre (VUTRC) |
| 2. Location | - | Bojunda |
| 3. Area of Jurisdiction | - | Chittorgarh District |
| 4. Year of Sanction | - | 23 July, 2014 |
| 5. Period of Report | - | 1 st April 2017 to 31 st March 2018. |
| 6. Programme | - | Professor (Dr) Awadesh Pratap Singh |
| Co-ordinator | | (Additional charge)
DEE, RAJUVAS, BIKANER |

A. MAP OF CHITTORGARH DISTRICT



GENERAL INFORMATION ABOUT CHITTORGARH DISTRICT

- Chittorgarh district is located in south and south-eastern part of Rajasthan between 24° 13' and 25° 13' latitude and 74°04' and 75° 53' longitude covering an area of 7822 sq.km. (750773 hectare). The district is 233km from Ajmer, midway between Delhi and Mumbai on the National Highway 8 (India). The district is divided into a larger western portion and a smaller eastern portion by Neemuch district of Madhya-Pradesh.
- VUTRC, Chittorgarh is situated at 6 km away from Chittorgarh district head quarter on national highway-76 at village Bojunda.



B. Rainfall & Climate

Average annual rainfall (1977-06) of the district is 762.7mm. The annual rainfall gradually decreases from southern part to northern part. The maximum average rainfall is 905mm at Choti Sadri and minimum average rainfall is 595 mm at Bhopalsagar. The climate of the district is dry except S-W monsoon season. The cold season is from December to February and is followed by summer from March to June. From mid of September to end of November constitute post monsoon season.

C. Geomorphology & Drainage

The district is characterized by undulating topography. The western, southern and northern parts are generally plain area. Hills are scattered in Chhoti Sadri, Bari Sadri and Pratapgarh tehsils. Hill ranges towards east of Chittorgarh town runs north-south with intervening valleys parallel to each other. Chittorgarh and Pratapgarh tehsils are partly hilly and partly plain.

D. Soils & Irrigation Practices

Two third area of the district is covered by hilly terrain. The soil of the district falls under the following broad categories

- Black Soils
- Yellowish brown soils
- Grayish brown alluvial soils
- Hilly soils

Population (As per 2011 Census)

Sr.No	Detail	Numbers
1.	Male	783171
2.	Female	761167
3.	Total	1544338
4.	Rural	1259074 (81.53%)
5.	Urban	285264 (18.47%)
6.	Density (Per Sq. Km)	197
7.	Sex ratio(Per 1000)	972

Administrative Division

S. No	Head	No.	Details
1.	SUB DIVISION	5	BEGUN, CHITTUARGARH, KAPASAN, NIMBAHERA AND BADI SADRI.
2.	TEHSIL	11	RASHMI, GANGRAR, B EGUN, RAWATBHATA, CHITTUARGARH, BHOPALSAGAR, KAPASAN, DUNGLA, BHADESAR, NIMBAHERA AND BADI SADRI.
3.	PANCHAYAT	11	RASHMI, GANGRAR, BEGUN, BHAINSROGARH,



	SAMITI		CHITTUARGARH, BHOPALSAGAR, KAPASAN, DUNGLA, BHADESAR, NIMBAHERA AND BADI SADRI.
4.	NAGAR PALIKA	6	BEGUN, CHITTUARGARH, KAPASAN, NIMBAHERA, RAWATBHATA AND BADI SADRI.
5.	GRAM PANCHAYAT	281	
6.	NO. OF VILLAGE	1730	

LIVESTOCK POPULATION OF CHITTORGARH (As per 2012 Census)

S. No	Detail	(in Nos.)
1.	LIVESTOCK AND POULTRY	1443687
2.	TOTAL LIVESTOCK	1377269
3.	CATTLE	456871
4.	BUFFALOES	393268
5.	PIGS	4052
6.	SHEEP	43941
7.	GOATS	474799
8.	CAMEL	2166
9.	HORSES & PONNIES	1717
10.	DONKEYS	440
11.	DOGES & BITCHES	3906
12..	TOTAL POULTRY	66418

GENERAL INFORMATION ABOUT THE VUTRC -CHITTORGARH

1.1. Name and address of VUTRC with e-mail address:

Address	E-mail
VUTRC, Bojunda, Chittorgarh (Raj.), Pin code- 312001	vutrcchittorgarh.rajuvas@gmail.com

1.2 .Name and address of host organization with phone fax and e-mail:

Address	Telephone		E mail
	Office	FAX	
DEE, RAJUVAS, Bikaner	+91151-2200505	+91151-2549348	deerajuvass@gmail.com

1.3 Name of the Programme Coordinator with phone & mobile No:

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Awadesh Pratap Singh*	-	+919414139188	deerajuvass@gmail.com

* Additional Charge

1.4. Year of sanction: 23 July, 2014



1.5. Staff Position:

S. No	Name of Post	Name of the incumbent	Designation	Discipline	Permanent / Temporary
1.	Programme Coordinator*				
2.	Officer Incharge **	Dr. Mukesh Chand Sharma	Assistant Professor	LPM	Permanent
3.	Teaching Associate	Dr. Ravinder Kumar	Teaching Associate	AGB	Contractual
4.	Teaching Associate	Dr. Mukesh Kumar Meena	Teaching Associate	Veterinary Medicine	Contractual
5.	LSA & Two Watchman	—	LSA & Two Watchman (Contractual	---	Temporary

* DEE is holding additional charge of this post

** Additional charge of this post

1. Objectives of VUTRC:

- I. Base line survey of the district (including household, Institutions, Goshalas and NGOs) and carry out short term need based location specific projects.
- II. Comparative improvement in contact district / Tehsil / Area / Villages / Farmers in subsequent years.
- III. Technology assessment and refinement.
- IV. Farm advisory SMS service.
- V. To impart trainings on different topics related to dairy, animal husbandry and fisheries and disseminate new technologies to farmers.
- VI. Integration and coordination with other agencies.
- VII. Development of exhibition including technologies and services available at RAJUVAS.
- VIII. To impart animal health and vaccination camp.
- IX. To ensure an immediate and through diagnosis of diseases in outbreaks.

2. Infrastructural Development

a) Buildings

S. N	Name of building	Source of Funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq m)	Expenditure (Rs)	Starting Date	Plinth area (Sq m)	Status of construction
	—	—	—	—	—	—	—	—

**b) Vehicles**

Type of vehicle	Year of purchase	Cost (Rs)	Total hours run	Present status
—	—	—	—	—

c. Equipments & AV aids purchased reporting period:

Name of the equipment	Year of purchase	Number	Cost (Rs)	Source of funding	Present status
Digital Camera	2015	01	19374.40	RKVY	WORKING
Computer	2015	02	58170.00	RKVY	
Printer	2015	01	18312.00	RKVY	
Projector	2015	01	60637.60	RKVY	

3. Technical Achievements**a) Survey Report**

Survey of about 5061 farmers of 147 villages of 115 gram Panchayats of district Chittorgarh was done till 31 March, 2018.

One Village Devri is adopted by V.U.T.R.C. Bojunda, Chittorgarh under MGMG scheme.

b) Trainings**Off Campus Trainings:**

Period	No. of Activity	No. of participants		
		Male	Female	Total
April - 2017	07	188	57	245
May - 2017	08	238	87	325
June - 2017	09	146	228	374
July - 2017	08	296	25	321
August - 2017	09	221	65	286
September-2017	09	284	51	335
October-2017	08	177	18	195
November-2017	06	166	22	188
December-2017	05	137	26	163
January-2018	06	121	51	172
February-2018	07	136	36	172
March -2018	06	87	27	114

On-Campus Trainings:

Period	No. of Activity	No. of participants		
		Male	Female	Total
April - 2017	01	02	26	28
May - 2017	02	55	03	58



June – 2017	01	6	34	40
July – 2017	02	32	30	62
August – 2017	01	25	00	25
September-2017	01	24	00	24
October-2017	01	23	00	23
November-2017	03	51	09	60
December-2017	04	75	00	75
January-2018	03	53	19	72
February-2018	03	50	09	59
March -2018	01	14	00	14

c) Animal Treatment Camps:

Period	No. of Activity	No. of participants		
		Male	Female	Total
July – 2017	02	76	-	76
December-2017	01	30	15	45
March -2018	01	20	05	25

d) Vichar- Gosthi:

Period	No. of Activity	No. of participants		
		Male	Female	Total
April - 2017	02	52	10	62
December-2017	01	18	00	18
February-2018	01	05	20	25

e) Farmer- Scientist Interaction:

Period	No. of Activity	No. of participants		
		Male	Female	Total
November-2017	01	39	00	39

f) Exhibition

Period	No. of Activity	No. of participants		
		Male	Female	Total
April - 2017	Nil	—	—	—
May – 2017	01	153	26	179
February-2018	01	90	20	110

g) "MERA GAON MERA GOURAV" Scheme

Period	No. of Activity	No. of participants		
		Male	Female	Total
April - 2017	01	30	00	30

July – 2017	02	76	-	76
September-2017	01	15	35	50
February-2018	01	05	20	25
March -2018	01	15	00	15

Brief Description of different activities from April, 2017 to 31 March, 2018.

TRAINING	No. of Activity	No. of participants		Total
		Male	Female	
Off-Campus	88	1696	793	2890
On-campus	23	410	100	540
Animal Treatment Camp	04	66	80	146
Vaccination Camp	02	75	00	75
Vichar-Gosthi	04	75	26	105
Farmer- Scientist Interaction	01	39	00	39
Exhibition	02	243	46	289

Participations:

- I. Participation in exhibition at CTAE, Udaipur on 13th and 14th May, 2017.
- II. Participation in Rashtriya Sangoshti on organic farming on 10th and 11th June, 2017.
- III. Participation in 4th Extension Education Council Meeting on 18th June, 2017.
- IV. Participation in exhibition at Animal Husbandry Department Chittorgarh on 17th and 18th February, 2018.
- V. Radio /TV Talk delivered: 04

Pictures of off- campus training



Pictures of on- Campus Training



DEE STALL AT CTAE, UDAIPUR AND ANIMAL HUSBANDRY DEPARTMENT CHITTORGARH



MERA GAON MERA GAURAV ACTIVITIES



ANIMAL HEALTH CAMP



VISIT OF HON'BLE COMPTROLLER AT NMPS PROJECT & VUTRC



VUTRC Building



VUTRC Building



**LIVESTOCK FARMER'S TRAININGS ORGANIZED BY VUTRC CHITTORGARH****Topics covered in Trainings:**

1. Information about VUTRC, DEE, RAJUVAS, Bikaner.
2. Breed Improvement through Artificial Insemination.
3. How to improve milk production.
4. Animal Nutrition and Management.
5. Importance of Mineral Mixture in Animal Breeding.
6. Deworming and vaccination schedule in Animals.
7. Control measures of various Infectious diseases.
8. Dairy Farming.
9. Introduction to different breeds of Cattle and Buffalo.
10. Sheep Farming.
11. Goat Farming.
12. Organic farming.
13. Vermiculture
14. Anoestrous problems and their management in dairy animals.
15. Managerial practices for repeat breeding in dairy animals.

Veterinary University Training & Research Centre (VUTRC), (Kota)

Annual Progress Report (1 April 2017 to March 31, 2018)

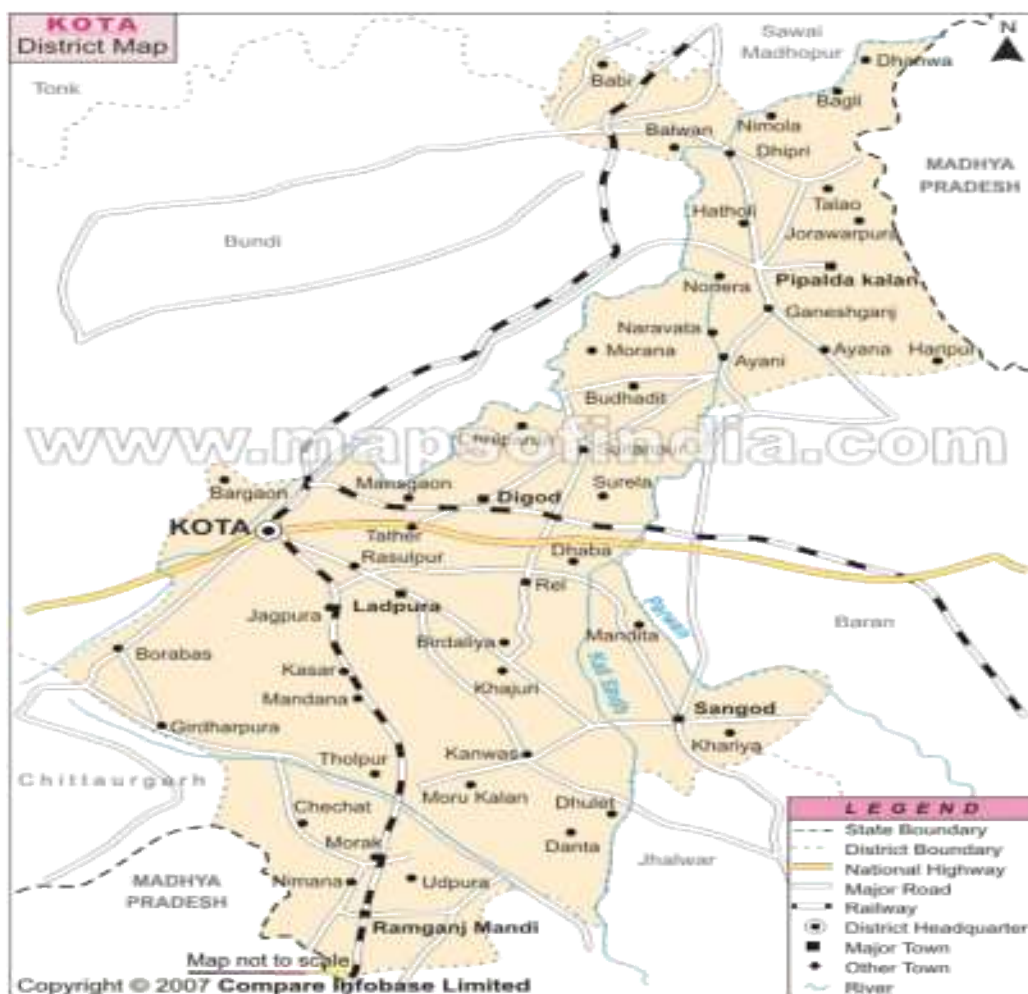


DIRECTORATE OF EXTENSION EDUCATION
Rajasthan University of Veterinary and Animal
Sciences, Bikaner-334001

RAJASTHAN UNIVERSITY OF VETERINARY & ANIMAL SCIENCES, BIKANER

1. Project Title - Veterinary University Training & Research Centre (VUTRC)
2. Location - Kota
3. Area of Jurisdiction - Kota District
4. Date of Sanction -
5. Date of Commencement - 24 July 2014
of VUTRC Kota
6. Period of Report - 1st April 2017 to 31st March 2018
7. Principle - Professor (Dr) A. P. Singh, Director
Investigator, DEE, RAJUVAS, BIKANER

MAP OF KOTA DISTRICT



Facts of Kota District	
State	Rajasthan
District	Kota
District HQ	Kota
Population (2011)	1,951,014
Growth	24.39%
Sex Ratio	911
Literacy	76.56
Area (km ²)	5446
Density (/km ²)	374
Tehsils	Digod, Ladpura, Pipalda, Ramganj Mandi, Sangod
Lok Sabha Constituencies	Kota
Assembly Constituencies	Kota North, Kota South, Ladpura, Pipalda, Ramganj Mandi, Sangod
Languages	Hindi, Rajasthani including Hadoti
Rivers	Chambal
Lat-Long	25.213639,75.864615
Travel Destinations	Chambal Garden, Maharao Madho Singh Museum, The Government Museum, Jag Mandir, Haveli of Devtaji, Kota Barrage, Kansua temple, Bhitria Kund, Adhar Shila, Budh Singh Bafna haveli, Yatayat Park, Haryali Water Park, Godavari Dham Mandir etc.

1. Geography

Kota is located along the banks of the [Chambal River](#) in the southern part of [Rajasthan](#). It is the 3rd largest city of [Rajasthan](#) after [Jaipur](#) and [Jodhpur](#). The cartographic coordinates are 25.18°N 75.83°E .^[14] It covers an area of 527 km^2 .^{[1][15]} It has an average elevation of 271 metres (889 ft). The district is bound on the north and north west by [Sawai Madhopur](#), [Tonk](#) and [Bundi](#) districts. The Chambal River separates these districts from Kota district, forming the natural boundary.



Kishore Sagar Lake



The city of Kota is situated at a centre of the southeastern region of Rajasthan a region very widely known as Hadoti, the land of the Hadas. Kota lies along the banks of the Chambal river on a high sloping tableland forming a part of the Malwa Plateau. The general slope of city is towards the north. The comparatively rocky, barren and elevated land in southern part of city descends towards a plain agricultural land in the north. The Mokandarra hills run from southeast to northwest axis of the town. The historical places and temples are getting surrounded by signs of modern development.

Kota has fertile land and greenery with irrigation facilities through canals. The two main canals; called as left main canal (towards Bundi) and right main canal (towards Baran) originate from the reservoir created by Kota Barrage.^{[16][17]} The tributaries of these canals make up a network in the city and surrounding areas of Rajasthan and Madhya Pradesh and supplements the irrigation of these areas.

Livestock Population

19th LIVESTOCK CENSUS RAJASTHAN – 2012

S. No.	District	Cattle			Buffalo	Sheep	Goat	Horses & Ponies	Mules	Donkeys	Camel	Pig	Livestock	Dogs	Rabbits	Poultry At Backyard	Poultry At Farm	Total Poultry
		Exotic /C.B. Cattle	Indigenous	Total Cattle														
1	Kota	9083	213524	222607	236499	18302	149610	334	61	454	1839	14760	644466	9791	440	19720	1578	21298

DEMOGRAPHIC CHARACTERISTIC OF DISTRICTWISE LIVESTOCK CENSUS 2012 DENSITY RAJASTHAN

S.No.	DISTRICT	AREA(SQ. KMS.)	LIVESTOCK CENSUS 2012	LIVESTOCK DENSITY(PER SQ. KM.)
1	Kota	5217	644466	124

Department of Animal Husbandry, Rajasthan

Departmental Institutions 2017-18

S.No	District	PC	VHF	VH	VD	SC	DMVU	TOTAL	Laboratories	Training & Institutes
1	Kota	1	15	29	4	84	3	136	RDDC	LSA Training Ins.



AGRICULTURE LAND USED PATTERN

Sr. No.	Area	Unit (Ha)
1.	TOTAL AREA	521324
2.	FOREST	125379
3.	NON AGRICULTURE LAND	60021
4.	CULTIVABLE BARREN LAND	23011

Dairies

Sr. No.	Detail	Unit
1.	MILK COOPERATIVES	163 No.
2.	NO. OF MEMBERS	8629 No.
3.	AVERAGE MILK COLLECTION	10520 Kg.

BACKGROUND INFORMATION OF KOTA DISTRICT

Kota is located along eastern bank of the Chambal River in the southern part of Rajasthan. It is the third largest city of Rajasthan after Jaipur and Jodhpur. The cartographic coordinates are 25.18°N 75.83°E. It covers an area of 318 km² (3.63 per cent of the Rajasthan State). It has an average elevation of 271 metres (889 ft). The district is bound on the north and North West by Sawai Madhopur, Tonk and Bundi districts. The Chambal River separates these districts from Kota district, forming the natural boundary. The city of Kota is situated at a center of the southeastern region of Rajasthan a very region widely known as Hadoti, the land of the Hadas. Kota lies along the banks of the Chambal River on a high sloping tableland forming a part of the Malwa Plateau. The Mokandarra hills run from southeast to northwest axis of the town. The historical places and temples are getting surrounded by signs of modern development. It has fertile land and greenery with irrigation facilities through canals. Kota is one of the industrial hubs in northern India, with chemical, engineering and power plants based there. The rail junction, a road hub, lies 4.8 km (4 mi) to the north.

Kota has a semi arid climate with high temperatures throughout the year. Summers are long, hot and dry, starting in late March and lasting till the end of June. The monsoon season follows with comparatively lower temperatures, but higher humidity and frequent, torrential downpours. The monsoons subside in October and temperatures rise again. The brief, mild winter starts in late November and lasts until the last week of February. Temperatures hover between 26.7 °C (max) to 12 °C (min). This can be considered the best time to visit Kota because of intense heat in the summer. The average annual rainfall in the Kota district is 660.6 mm. Most of the rainfall can be attributed to the southwest monsoon which has its beginning around the last week of June and may last till mid-September. Pre-monsoon showers begin towards the middle of June with post-monsoon rains



occasionally occurring in October. The winter is largely dry, although some rainfall does occur as a result of the Western Disturbance passing over the region.

HISTORY OF KOTA DISTRICT

The history of the city dates back to the 12th century A.D. when the Hada Chieftain, Rao Deva, conquered the territory and founded Bundi and Hadoti. Later, in the early 17th century AD during the reign of the Mughal Emperor Jahangir, the ruler of Bundi -Rao Ratan Singh, gave the smaller principality of Kota to his son, Madho Singh. Since then Kota became a hallmark of the Rajput gallantry and culture. The south eastern region of Rajasthan known as Hadoti comprises of Bundi, Baran, Jhalawar and Kota is a treasure of history dating back to several centuries. Prehistoric caves, paintings, formidable forts and the mighty Chambal river hurtling from the Vindhya are dotted in the region. When Jait Singh of Bundi defeated the Bhil Chieftain Kotiya in a battle, he raised the first battlement or the 'Garh'(fort) over his severed head. The Independent state of Kota became a reality in 1631 when Rao Madho Singh, the second son of Rao Ratan of Bundi was made the ruler, by the Mughal Emperor Shah Jahan. Soon Kota outgrew its parent state to become bigger in area, richer in revenue and more powerful. Maharao Bhim Singh played a pivotal role in Kota's history, having held a 'Mansab' of five thousand and being the first in his dynasty to have the title of Maharao. Kota is situated on the banks of Chambal River and is fastly emerging as an important industrial centre. It boasts of Asia's largest fertilizer plant, precision instrument unit and atomic power station nearby. Surprisingly unexplored, the Kota region of Rajasthan has some splendid treasures for the tourist to take home memories of. Its impregnable fortresses, sprawling palaces, exquisitely wrought palaces and lovely waterways act as a magnificent foil to its exotic wildlife and delicate fresco Paintings. Situated on the banks of the Chambal River, at an important juncture of the trade route between Delhi and Gujarat, Kota is Rajasthan's Fifth Largest City. This Bustling, sprawling city is also called the industrial capital of the state. The tentacles of the modern world have the city in its grip with the Chambal Valley Project giving it a major position on the state's industrial map. Chemicals, fertilizers, synthetic fibres, tyre cord and sophisticated instruments, industry's mainstay, have helped in pushing this ancient city into the forefront of modernisation. Yet memories of its ancient links linger strongly. Present Day Kota owes its foundations to a Kotiya Bhil warrior who 800 years ago built a small fortification at Akelgarh and put up a protective mud-wall around it all the way to Retwali. In 1580, Rao Madho Singh strengthened both the fortification and the wall. In time to come, Kota acquired the Hallmark of Rajput power as well as culture.



2. GENERAL INFORMATION ABOUT THE VUTRC -KOTA

a. Name and address of VUTRC with phone, fax and e-mail:

Address	Telephone		E mail
	Office	FAX	
VUTRC, Kota (Raj.), Pincode- 324006	LL 0744-2387656 Mob.+919782499312	-	vutrckota.rajukas@gmail.com

b. Name and address of host organization with phone fax and e-mail:

Address	Telephone		E mail
	Office	FAX	
DEE, RAJUVAS, Bikaner	+91151-2200505	+91151-2549348	deerajukas@gmail.com

c. Name of the Principle Investigator with phone & mobile No:

Name	Telephone / Contact		
	Residence	Mobile	Email
Prof. Dr. A.P. SINGH	-	+919414139188	deerajukas@gmail.com

d. Year of sanction : April 2014

e. Staff Position : (as on 31st March, 2018)

Name of Post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs)	Date of joining	Permanent / Temporary	Category (SC/ST/OBC/Others)
Assistant Professor and In charge	Dr. Ashok Baindha	Assistant Professor	Veterinary & A.H. Extension	(15600-39100)	24-7-2014	Permanent	GENERAL
Teaching Associate	Dr. Nikhil Shringi	Teaching Associate	Veterinary Anatomy	40000 Fixed	17-11-2016	Temporary	GEN
Technical Staff	Live Stock Assistant	Live stock Assistant	Diploma	12884 Fixed	10-12-2014	Temporary	OBC
Technical Staff	Computer Operator	Computer Operator	Diploma	11990 Fixed	01-04-2016	Temporary	GEN
Supportive Staff	Supportive Staff	Unskilled	-	5538 Fixed	16-02-2015	Temporary	OBC
Supportive Staff	Supportive Staff	Skilled	-	5798 Fixed	20-03-2016	Temporary	OBC

Objectives of VUTRC:

1. To conduct survey of the operational area in order to prepare the resource inventory with special reference to identifying the felt needs of the farming community.
2. To impart training on the felt needs of the end users i.e. practicing farmers.
3. To act as two way channel between RAJUVAS and the farmers to identify the field based livestock problems and also to pass on the remedial measures.
4. To motivate and encourage in establishing livestock farms for self employment by the local farmers.
5. To conduct on farm trials on the latest research findings of the RAJUVAS and field oriented problems specific to the area.



3. Infrastructural Development

a) Buildings

Through Hon'ble Vice-Chancellor's, Registrar Sir, DEE RAJUIVAS, Bikaner and VUTRC Kota efforts, Deputy Secretary, Department of Animal Husbandry, Govt. of Rajasthan and Director, Animal Husbandry Department, allotted the old Deputy Quarter, at first floor of Veterinary Polyclinic, Animal Husbandry Department, Maukha Pada, Kota temporarily for VUTRC Kota office. Possession of this building taken over from Deputy Director, Veterinary Polyclinics on dated 23.12.2014.

Name of building	Source of Funding	Stage					
		Complete			Incomplete		
		Completion Date	Plinth area (Sq m)	Expenditure (Rs)	Starting Date	Plinth area (Sq m)	Status of construction
-		-----					

LAND AVAILABILITY FOR VUTRC KOTA :

Government of Rajasthan (Revenue Department) allotted land for the establishment of Veterinary University Training and Research Centre (VUTRC) at Kota District. The land allotted for the establishment is at Village- Polai Kalan, Th- Digod, District- Kota. Allotment Date 09/04/2018.

b) Vehicle

Type of vehicle	Year of purchase	Cost (Rs)	Total hours run	Present status
-	-	-	-	-

* Vehicle is hired as per DEE order from 01 April 2017 to 31 March 2018 as per the norms of Finance Deptt.

c) Equipments & AV aids purchased reporting period

Name of the equipment	Year of purchase	Number	Cost (Rs)	Source of funding	Present status
Digital Camera-	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015	RAJUV AS BKN	In Working Condition
Computer	2013-14	02	Transferred from office of DEE Bikaner in Dec 2015	RAJUV AS BKN	In Working Condition
Printer	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015	RAJUV AS BKN	In Working Condition
Public Address System Mike and Speaker	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015	RAJUV AS BKN	In Working Condition



LCD Projector	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015	RAJUV AS BKN	In Working Condition
Xerox Machine	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015	RAJUV AS BKN	In Working Condition
Inverter Battery	2016-17	01	Transferred from office of DEE Bikaner in Nov.2016	RAJUV AS BKN	In Working Condition
Monitor LCD 40 Inch Full HD	2016-17	01	Transferred from office of DEE Bikaner in March 2017	RAJUV AS BKN	In Working Condition

4. Technical Achievements

A. Survey Reports: Total 10 % of 156 Gram Panchayats of 5 Panchayat Samiti/ 6 Tehsils of Kota district. Total of **2538** livestock owners Surveys Completed covering **67** villages from Nagar Nigam kota and **18** Gram Panchayats of **6** Tehsils namely Ladpura, Digod, Pipalda, Kanwas, Ramganj Mandi and Sangod.

B. Trainings:

1. Off Campus Trainings:

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April – 2017	7	194	8	202
May- 2017	5	143	9	152
June- 2017	8	233	17	250
July – 2017	10	262	25	287
August – 2017	8	226	21	247
September – 2017	6	150	20	170
October – 2017	7	184	12	196
November – 2017	7	177	34	211
December – 2017	8	257	2	259
January – 2018	9	289	2	291
February – 2018	9	275	5	280
March – 2018	6	173	----	173
Total	91	2563	155	2718

2. Livestock Farmers Participated in the Trainings (1st April 2017 to 31st March 2018)

No. of Training	Male					Female				
	GEN	OBC	SC	ST	TOTAL	GEN	OBC	SC	ST	TOTAL
91	109	1558	325	571	2563	10	93	15	37	155

Total Livestock Farmer's participated in 91 (NINETY ONE) Trainings= 2718

Average No. of Livestock Farmers Participated/ Training= 30

**3. On Campus Trainings:**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
August – 2017	01	15	----	15
TOTAL	01	15	----	15

4. Vichar Gosthi: (Under MGMG)

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April – 2017	1	11	3	14
May- 2017	1	13	2	15
June- 2017	2	31	14	45
July – 2017	---	---	---	---
August – 2017	2	27	6	33
September – 2017	1	11	5	16
October – 2017	1	10	3	13
November – 2017	2	19	21	40
December – 2017	---	---	---	---
January – 2018	2	31	2	33
February – 2018	1	10	---	10
March – 2018	1	23	---	23
TOTAL	14	186	56	242

5. Field Day

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April – 2017	1	15	---	15
June- 2017	1	15	---	15
August – 2017	1	13	3	16
September – 2017	1	14	---	14
January – 2018	1	14	---	14
March – 2018	1	10	2	12
TOTAL	6	81	5	86

6. Farmer Scientist Interaction

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April – 2017	1	11	02	13
May- 2017	1	14	---	14
June- 2017	1	13	---	13
July – 2017	1	13	---	13
October – 2017	1	12	01	13
December – 2017	1	10	---	10
Total	06	73	03	76



7. Participation in Conference / Symposium/Workshops/Meetings/Trainings/others:

Sr. N.	Name of Participation	Duration	Conference /Symposiums/Seminar/Workshop/Training	Organizing Palace
1.	Dr. Atul Shanker Arora, Assist. Prof.	24-26 May 2017	Participated “GRAM- KOTA” 2017	RAC Ground, Kota
2.	Dr. Atul Shanker Arora, Assist. Prof.	18.06.2017	Attend 4 th Extension Council Meeting	RAJUVAS, Bikaner
3.	Dr. Atul Shanker Arora, Assist. Prof.	19-20 Sept. 2017	Attended National Conference “Science, Spirituality and Vivekananda” at University of Kota	KOTA University, Kota
4.	Dr. Atul Shanker Arora, Assist. Prof.	06.10.2017	Participated in “Krishi and Pashu Vigyan Mela”	DEE, RAJUVAS, Bikaner
5.	Dr. Nikhil Shringi , Teaching Associate	24-26 May 2017	Participated “GRAM- KOTA” 2017	RAC Ground, Kota

A. Research Paper Published in International/National Journals:

B. Popular Article Published:

C. Radio/TV Talk delivered: 02

D. News Paper coverage: **06**

LIVESTOCK FARMER'S TRAININGS ORGANIZED BY VUTRC KOTA

Topics covered in Trainings:

1. Vaccination- Prevention is Better than Cure
2. Breed Improvement through Artificial Insemination
3. Repeat Breeding in Animals and Solutions
4. How to improve milk production
5. Improved Milk Production in Animals through Breed Improvement
6. Care of new born calf
7. Clean Milk Production
8. Importance of Hygiene in better Animal Productivity
9. Economic Improvement through Adoption of Improved Animal Husbandry Techniques
10. Importance of Minerals in Animal Health, Reproduction and production
11. Care and Management of Pregnant Animals
12. Breed Improvements in Animals Results in Milk Production
13. Animal Husbandry is the Main Source of income in Rural Areas
14. Veterinary First Aid etc.



Livestock Farmer's Training Detail

April 2017 To March 2018

S.No.	Name of Village	Date of Training	Male	Female	Total
1	JHALIPURA	12-04-2017	31	0	31
2	RANGPUR	13-04-2017	23	7	30
3	DEOLI ARAB	15-04-2017	23	0	23
4	BHAGWANPURA	18-04-2017	30	0	30
5	BARODIYA	19-04-2017	29	0	29
6	SUWANA	22-04-2017	30	0	30
7	HANOTIYA	24-04-2017	28	1	29
8	RAMKHERLI	12-05-2017	35	0	35
9	TAHALA	15-05-2017	30	0	30
10	KURARI	16-05-2017	21	9	30
11	ARJUNPURA	17-05-2017	29	0	29
12	SHOLI	20-05-2017	28	0	28
13	KOTSUWAN	03-06-017	29	0	29
14	RANGPUR	05-06-2017	21	10	31
15	THUMDA	09-06-2017	31	0	31
16	CHANDRAWALA	13-06-2017	35	0	35
17	MEHNDI	17-06-2017	29	0	29
18	ARNIYA	20-06-2017	34	0	34
19	PISHAHEDA	21-06-2017	29	1	30
20	MANDAWARI	22-06-2017	27	4	31
21	FATEHPUR	06-07-2017	29	0	29
22	DHOTTI	07-07-2017	32	0	32
23	KHERLI TANWRAN	12-07-2017	29	4	33
24	CHARANHERI	13-07-2017	28	1	29
25	JHADHGAON	14-07-2017	31	0	31
26	BACHIHEDEA	15-07-2017	32	0	32
27	GUMANPURA	18-07-2017	28	0	28
28	CHOKI	22-07-2017	18	8	26
29	GAWADI	24-07-2017	15	5	20
30	KHAJURI	27-07-2017	27	0	27
31	RANGPUR	05-08-2017	15	6	21
32	JHALRI	09-08-2017	30	1	31
33	DARBIJI	10-08-2017	31	0	31
34	CHOMAVIBHU	14-08-2017	37	3	40
35	JALIMPURA	17-08-2017	26	7	33
36	BHOODEN	18-08-2017	29	0	29
37	ON CAMPUS	19-08-2017	15	0	15
38	AMLI	22-08-2017	27	3	30
39	DIGOD	23-08-2017	31	1	32
40	SUWANA	04-09-2017	16	6	22
41	DANGAWAT	08-09-2017	22	11	33
42	PARLIYA	13-09-2017	29	3	32
43	LALAHERA	14-09-2017	31	0	31
44	MOTIKUWAN	26-09-2017	28	0	28
45	KARARIYA	29-09-2017	24	0	24



46	BRIJALIYA	03-10-2017	26	1	27
47	KHERLI MAHADEEP	04-10-2017	29	0	29
48	KOTARI	11-10-2017	33	0	33
49	SHYAMPURA	25-10-2017	26	0	26
50	MAMOR	29-10-2017	28	0	28
51	MEHRANA	30-10-2017	20	9	29
52	GONWARI	31-10-2017	22	2	24
53	DUNGARJYA	06-11-2017	30	0	30
54	BRIJNAGAR	13-11-2017	15	16	31
55	KALAREVA	14-11-2017	31	0	31
56	KAREEKA KHEDA	21-11-2017	22	10	32
57	SALONIYA	22-11-2017	29	4	33
58	UMMEDPURA	27-11-2017	32	0	32
59	RANGPUR	28-11-2017	10	12	22
60	BAMORI	11-12-2017	35	0	35
61	DHANWA	13-12-2017	38	0	38
62	BALUHERA	16-12-2017	36	0	36
63	KISHANGANJ	21-12-2017	28	1	29
64	CHANDRESAL	22-12-2017	32	0	32
65	MORANA	26-12-2017	29	1	30
66	BISHANPURA	28-12-2017	30	0	30
67	NAYAPURA	29-12-2017	29	0	29
68	JHALRI	09-01-2018	26	0	26
69	GOPALPURA	10-01-2018	35	0	35
70	UMREDHI	12-01-2018	31	0	31
71	PADHASLIYA	15-01-2018	37	0	37
72	RANGPUR	16-01-2018	27	2	29
73	RUGGI	17-01-2018	25	0	25
74	SHOLI	18-01-2018	40	0	40
75	CHIPARDA	25-01-2018	35	0	35
76	JAKHODHA	27-01-2018	33	0	33
77	GODLYAHERI	05-02-2018	37	0	37
78	RAJPURA	08-02-2018	29	0	29
79	DAHRA	09-02-2018	29	0	29
80	ROTEDA	17-02-2018	33	0	33
81	BARGU	19-02-2018	30	0	30
82	BAGTRI	20-02-2018	34	0	34
83	JAKHROND	21-02-2018	29	0	29
84	BAKYAN	22-02-2018	29	0	29
85	THOMRA	23-02-2018	30	0	30
86	KATHODI	07-03-2018	31	0	31
87	KHERLI PAND	08-03-2018	28	0	28
88	RANGPUR	09-03-2018	23	0	23
89	TORAN	22-03-2018	29	0	29
90	KHAJURNA	23-03-2018	34	0	34
91	KADHIHERA	26-03-2018	28	0	28

Livestock Farmers Participated in the Trainings (1st April 2017 to 31st March 2018)

No. of Training	Male					Female				
	GEN	OBC	SC	ST	TOTAL	GEN	OBC	SC	ST	TOTAL
91	109	1558	325	571	2563	10	93	15	37	155

Total Livestock Farmer's participated in 91 (Ninenty One) Trainings= 2718

Average No. of Livestock Farmers Participated/ Training= 30

LIVESTOCK FARMER'S TRAININGS AT VILLAGES OF KOTA DISTRICT



Animal Health Camps 2017-2018

VUTRC Kota participated in Animal Health Camps organized by District Mobile Unit, A.H. Department, Kota. The main role in these camps is to provide veterinary consultancy services to the livestock farmers and organizing Ghosthi and provide information and knowledge about latest technology of Veterinary and Animal Sciences. We also provide them literature like PashuPalan Naye Aayam and other literature developed by VUTRC, DEE, RAJUVAS, Bikaner.

Field Day 2017-2018

Detail of Field Day Kota District 2017-18

S. No.	Name of Village	Date	No. of farmers
1	KHEDARASULPUR	21.04.2017	15
2	ARNIYA	02.06.2017	15
3	KHERLI TANWRAN	08.08.2017	16
4	AMLI	27.09.2017	14
5	BHOJPURA	29.01.2018	14
6	GANGAICHA	16.03.2018	12

Total No. of farmers contacted= 86



Farmer Scientist Interaction 2017-2018

Detail of Farmer Scientist Interaction Kota District 2017-18

S. No.	Name of Village	Date	No. of farmers
1	RANGPUR	06.04.2017	13
2	SUWANA	19.05.2017	14
3	THUMDA	16.06.2017	13
4	SAWANBADO	26.07.2017	13
5	FATEHPUR	26.08.2017	12
6	KOTRI	10.10.2017	13
7	KHEDARASULPUR	08.12.2017	10

Total No. of farmers contacted= 88



Mera Gaon Mera Gaurav 2017-2018

As per the guideline of ICAR, and as per instruction of DEE, RAJUVAS, under Mera Gaon Mera Gaurav VUTRC kota had selected and adopt village Rangpur in Ladpura tehsil of Kota district. The main purpose is to identify the basic needs and to provide knowledge about improved practices of veterinary and animal sciences. For this baseline survey of village Rangpur was already completed and monthly visit was carried out by VUTRC Kota. During this, Ghosthis were organized, on Farm Visit conducted and consultancy services provided to the farmers of Rangpur village.

Detail of Ghosthis in Rangpur village under MGMG 2017-2018

S. No.	Name of MGMG Selected Village	Date of Visit/ Extn Work/ Ghosthis	No. if farmer's contacted
1	Rangpur	29/04/2017	14
2	Rangpur	05/05/2017	15
3	Rangpur	29/06/2017	14
4	Rangpur	21/08/2017	15
5	Rangpur	16/09/2017	16
6	Rangpur	12/10/2017	13
7	Rangpur	15/11/2017	18

8	Rangpur	16/01/2018	29
9	Rangpur	22/01/2018	04
10	Rangpur	03/02/2018	10
11	Rangpur	09/03/2018	23

Total No. of Farmers contacted= **171**



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i fjn';] **orZeku , oaHkfo"; ij dk; Z kkyk dk vk; kst u
26 viy 2017



“GRAM-KOTA” (2017)

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chdku॒j }kjk॒ l॒āknr॒ i॒d॒rd dk॒ **xke&dk॒/k 2017** eafoekpu



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****Xke&dk/k 2017** ea jkt॒pkl] chdku॒j }kjk **LekVZ QmZ* dk i n'k॒u**



****Xkte&dkV/k 2017** eajktϕkl] chdkuj ds I g; kx I s vk; kstr
tkte pkiky ds dN n";**



****Xkte&dkV/k 2017** eajktϕkl] chdkuj ds fofHkku lk'kqku vuq dku
dhnk ds mlur ul vk ds lk'kuzk dk I tho i n'kz**



VUTRC KOTA ACTIVITIES PUBLISHED

उन्नत तकनीक अपनाने के लिए पशुपालकों को किया प्रोत्साहित

नताज्योति/कोटा
पशु भिकित्ता विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केंद्र (वीयूटीआरसी) कोटा की ओर से शुक्रवार को कनवास तहसील के गांव खजुरना में पशुपालक प्रशिक्षण शिविर आयोजित किया गया।
डॉ. निखिल शुंगी ने उन्नत पशुपालन तकनीकों को अपनाने के लिए पशुपालकों को प्रेरित किया। पशुपालकों को पशुओं में नस्ल सुधार कर दुग्ध उत्पादन बढ़ाने के बारे में बताया गया। साथ ही कृत्रिम गर्भाधारण तकनीक को अपनाने, अतिरिक्त परजीवी से मुक्त कराने के लिए हर 3-4 महीने में कुमिनाशक दवा पिलाना, समय पर टीकाकरण समेत कई रोगों से बचाव और उनके उपचार की जानकारी दी। प्रशिक्षण शिविर में 34 पशुपालकों ने भाग लिया।

अर्थ. एक. अर्द्ध. नं. : RAJIN/2013/59711	पीएमएल एन. नं. : पीएमएल/146/2015-17
	<h1 style="text-align: center;">पशु पालन नए आयाम</h1> <p style="text-align: center;">वर्ष : 5 अंक : 4 दिसम्बर, 2017 मूल्य : ₹ 2.00</p> <p style="text-align: center;">समपादन : कुलपति प्रो. बी. आर. छीपा</p>
<h2 style="background-color: #e0f0ff; padding: 5px;">सफलता की कसनी</h2>	<h2 style="background-color: #fff0e0; padding: 5px;">जिनेन्द्र चौधरी ने डेयरी उद्योग से आर्थिक सम्बल पाया</h2>
<p>कोटा जिले के घाघ-मालीपुरा के प्रगतिशील एवं जागरूक पशुपालक जिनेन्द्र सिंह चौधरी कृषि एवं पशुपालन की उचित सामंजस्य से पशुपालन को व्यवसाय रूप में अपनाकर अपनी सामाजिक व आर्थिक स्थिति को सुदृढ़ बना चुके हैं। पांच वर्ष पूर्व बहुत कम पशुओं से व्यवसाय शुरू किया। इनके पास खेती योग्य 5 बीघा जमीन है। वर्तमान में इनके पास कुल 85 गीवंश हैं जिनमें 9 गिर नरस एवं 15 अन्य नरस की हैं, बाकी छोटे-बड़े बछड़ा-बाउड़ी हैं जो प्रमुख रूप से गिर नरस की हैं। गीवंश में ये गिर नरस की मायों को प्राथमिकता देते हैं। इस कार्य में छोटा भाई भी इसमें बराबर से मदद व सहयोग करता है। वर्तमान में 200 लीटर दूध प्रतिदिन उत्पादित हो रहा है। उत्पादित दूध, शुद्धता के उचित मानक के साथ पैकिंग करके लोगों तक पहुंचाते हैं। इनकी माये औसतन 20-25 लीटर दूध प्रतिदिन देती हैं। पशुपालन के जरूरतों में सहयोग हेतु इन्होंने पांच लोगों को रोजगार भी दे रहा है। ये पशुओं की खुफका-मुहक्का, गलघोट्ट आदि संक्रामक बीमारियों का टीकाकरण वर्ष में दो बार करवाते हैं। उनसे पशुपालन तकनीकों जैसे कुमिनासक दवा का उचित उपयोग, संतुलित पशु आहार, खनिज लवण मिश्रण, कैल्शियम आदि तकनीकों को अपनाने पर जोर दे रहे हैं। इनकी डेयरी से मासिक आय लगभग 1.50 लाख रुपये है। जिनेन्द्र सिंह वेटरनरी विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केंद्र, कोटा व लगातार सम्पर्क में रहकर केंद्र द्वारा आयोजित पशुपालक प्रशिक्षण से समय-समय पर उचित परामर्श एवं आवश्यक जानकारी लेते रहते हैं। ये अपने खेल में 2.5 बीघा में हरा चारा एवं 2.5 बीघा में दलहन फसल करते हैं। जो इनके पशुओं के काम आती है। इनके मन में पशुपालन संबंधी ज्ञान अर्जित करने की निष्ठाएं हमेशा रहती हैं। "घाघ-2017 कोटा" में भी इन्होंने भाग लिया व विभिन्न तकनीकों के बारे में जानकारी ली। यहां उससे पशुपालन तकनीकों सहित धरे चारे का सर्वाइजेज बनाना, अच्छा उत्पादन, हाइड्रोपोनिकस तकनीक आदि की जानकारी प्राप्त की। "घाघ-2017 कोटा" में जिनेन्द्र चौधरी के गिर नरस के बुल (शांड) ने भी भाग लिया था। वे दूध निकालने की मशीन सहित अन्य नवीनतम तकनीकों का प्रयोग करते हैं। इनके पास गिर नरस का सांड है। सम्पर्क-जिनेन्द्र चौधरी, (96600981189)</p>	
पशुपालन नए आयाम, दिसम्बर, 2017	<div style="display: flex; justify-content: space-between; align-items: center;"> 7 पशुधन नित्य सर्वोलोकोपकारक </div>

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Veterinary University Training & Research Centre (VUTRC), (Tonk)

Annual Progress Report (1 April 2017 to March 31, 2018)



DIRECTORATE OF EXTENSION EDUCATION
Rajasthan University of Veterinary and Animal
Sciences, Bikaner-334001

RAJASTHAN UNIVERSITY OF VETERINARY & ANIMAL SCIENCES, BIKANER

1. Project Title - Veterinary University Training & Research Centre (VUTRC)
2. Location - Tonk
3. Area of Jurisdiction - Tonk District
4. Date of Sanction -
5. Date of Commencement - 24 July 2014
of VUTRC Tonk
6. Period of Report - 1st April 2017 to 31st March 2018
7. Principle - Professor (Dr) A. P. Singh, Director Investigator
DEE, RAJUVAS, BIKANER

1. General Information about District (a) Map of Tonk District:



- (b) **Geographical Location of Tonk:** - Tonk is situated on National Highway No. 12 at distance of 100 km from Jaipur. It is located in north-eastern part of the state between 75.19' & 76.16 East longitudes and 25.41' and 26.24' North Latitude. The total area of the district is 7194 km².



Area of the District

SrNo	Area	Sq.Km.
1.	Total	7194
2.	Rural	6952.13
3.	Urban	241.87

(c) Tehsils/Gram panchayat/Village in District:

SrNo	Head	No.	Details
1.	SUBDIVISION	7	DEOLI, MALPURA, NIWAI, TODARAISINGH, TONK, UNIARA AND PEEPLU
2.	TEHSIL	7	DEOLI, MALPURA, NIWAI, TODARAISINGH, TONK, UNIARA AND PEEPLU
3.	PANCHAYAT SAMITI	6	DEOLI, MALPURA, NIWAI, TODARAISINGH, TONK AND UNIARA
5.	NAGAR PARISHAD	1	NAGAR PARISHAD, TONK
6.	NAGAR PALIKA	5	Deoli, Malpura, Niwai, Todaraisingh AND Uniara
7.	ASSEMBLY AREA	4	TONK , NIWAI, MALPURA, DEOLI- UNIARA
8.	GRAM PANCHAYAT	231	
10.	REVENUE VILLAGE	1209	

(d) District Population:- According to Census 2011

Sr.No	Detail	Numbers
1.	Male	728136
2.	Female	693190
3.	Total	1421326
4.	Rural	1103603
5.	Urban	317723
6.	Density (Per Sq. Km)	198

(e) Status of Livestock and Poultry population of district According to 19th Census

SrNo	Detail	(in Nos.)
1.	CATTLE	227674
2.	BUFFALOES	391599
3.	SHEEP	200694
4.	GOATS	375827
5.	CAMEL	789
6.	PIGS	10820
7.	HORSES & PONNIES	953
8.	DONKEYS	268
9.	DOGES & BITCHES	13533
10.	TOTAL POULTRY	49122
11.	TOTAL LIVESTOCK	1208624
12.	LIVESTOCK AND POULTRY	1257746
13.	NO. OF VETERINARY HOSPITAL / SUB CENTRE ON 01/04/2017	55 / 58



f) Agriculture Profile of District:-

Agriculture and animal husbandry are the main occupation of the people. Tonk district situated in Semi arid eastern plain zone (RJ-5) Agro Climatic Zone (NARP). The climate of Tonk district is generally dry in short south-west monsoon season, which starts from the month of June and continues till the middle of September. A metrological observatory was established very late at Tonk and according to the observation the maximum temperature of 22 °C and minimum temperature of 8 °C remains in winter, whereas in summer the maximum and minimum temperature 45 °C and respectively. The rivers and streams of this district belong to the Banas, Manshi Sohadra, khari, Daian , Bandi and Galwa system, which is more or less non perennial. Agriculture and animal husbandry are the main occupation of the people. Soil Type :- Sandy loam, Clayey loam. Important crop of the district:- Barley Mustard, Wheat Maize, Black Gram, Green Gram, Bengal Gram, Pearl Millet, Sorghum, Lentil, Cowpea.

2. General Information about VUTRC, TONK

2.1. Name and address of VUTRC with phone, fax and e-mail:

Address	Telephone		E mail
	Office	FAX	
VUTRC, Tonk (Raj.) Pin Code- 304001	+911432-243325	-	vutrcTonk.rajuvas@gmail.com

2.2 .Name and address of host organization with phone fax and e-mail:

Address	Telephone		E mail
	Office	FAX	
DEE, RAJUVAS, Bikaner	+91151-2200505	+91151-2549348	deerajuvass@gmail.com

2.3 Name of the Principle Investigator with phone & mobile No:

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Awadhesh Pratap Singh*	-	+919414139188	deerajuvass@gmail.com

2.4. Year of sanction : April 2014

**2.5. Staff Position : (as on 31st March 2017)**

Name of Post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs)	Date of joining	Permanent / Temporary	Category (SC/ST/OBC/ Others)
Programme Coordinator*							
Teaching Associate	Dr. Vikram Singh Dewal	Teaching Associate	Veterinary Medicine	40000/- Fixed	09-2-2016	Temporary	OBC
Teaching Associate	Dr. Deepak Gill	Teaching Associate	Veterinary Pathology	40000/- Fixed	18-7-2016	Temporary	OBC
Technical Staff	Live Stock Assistant	Live stock Assistant	Diploma	11820 Fixed	16-07-2015	Temporary	OBC
Supportive Staff	Supportive Staff	Unskilled	-	5000 Fixed	01-03-2016	Temporary	OBC
Supportive Staff	Supportive Staff	Skilled	-	5500 Fixed	01-03-2016	Temporary	OBC

3. Objective of VUTRC:-

1. Planning and conducting survey of the operational area in order to prepare the resource inventory with special reference to identifying the training needs of the farming community.
2. Planning and conducting production- oriented, need-based short and long duration training courses both on campus as well as in the villages for various target groups with priority on the weaker and the poor.
3. Developing and organizing non-formal educational programmes by way of field days, farm visits, farmers fair, radio talk, Farm Science clubs etc. as the follow up information support to training courses.
4. Developing and maintaining the campus farms and demonstration units on scientific lines as the facilities for providing work experience to the trainees as also disseminating the latest technical know-how.
5. To motivate and encourage in establishing livestock and poultry farms for self-employment by the local farmers.

4. Infrastructural Development:**A) Buildings:****Land Allotment -**

50 Acre land is allotted by Central Govt. at CSWRI, Avikanagar, Malpura, Tonk, land area taken over by RAJUVAS, Bikaner on 05/01/2018.

Name of building	Source of Funding	Stage					
		Complete			Incomplete		
		Completion Date	Plinth area (Sq m)	Expenditure (Rs)	Starting Date	Plinth area (Sq m)	Status of construction
-							

**B) Vehicles:-**

Type of vehicle	Year of purchase	Cost (Rs)	Total hours run	Present status
-	-	-	-	-

C) Equipment's & AV aids purchased reporting period:-

Name of the equipment	Year of purchase	Number	Cost (Rs)	Source of funding	Present status
Digital Camera	2016	01	14706.00	RAJUVAS	absolute
Hp Computer Core-i7	2014	01	58170.00	RAJUVAS	absolute
Hp All-In-One Multi-function Printer	2014	01	14706.00	RAJUVAS	absolute
Projector	-	-	-	-	-
Globus LED TV 40"	2017	01	44437	Rajuvas	Absolute

D) Scientific Advisory Committee (SAC) Conducting Meeting: Nil**(5) Technical Achievements****(1) Survey Reports :-**

- ❖ Total of 1500 livestock breeders have been contacted and 1362 survey forms were filled from 42 Villages of 15 Gram panchayats. (During 01.04.2015 to 31.03.2016).
- ❖ Survey work of 72 Villages of 23 Gram Panchayats is completed. (Out of 1209 villages of 231 Gram panchayats).
- ❖ Survey work of 85 families of Village Deoli (Bhanchi) was completed. Total 500 farmers were surveyed. Deoli Bhanchi selected as MGMG for center.

(a) Off Campus Training:

Period	No. of activity	No. of participants		
		Male	Female	Total
April-2017	07	195	77	272
May- 2017	08	185	51	236
June- 2017	07	144	96	240
July-2017	06	121	43	164
August-2017	08	174	75	249
September-2017	06	146	20	166
Octomber-2017	05	115	39	154
November-2017	07	168	09	177
December-2017	10	204	61	265
January-2018	08	113	133	246
February-2018	08	130	79	209
March-2018	06	160	21	181
Total	86	1855	704	2559

**(b) On Campus Training:**

Period	No. of activity	No. of participants		
		Male	Female	Total
May- 2017	01	27	00	27
June- 2017	02	44	12	56
	Total	71	12	83

3. Vichar Gosthi: (MGMG)

Period	No. of activity	No. of participants		
		Male	Female	Total
April-2017	-	-	-	-
May- 2017	1	13	00	13
June- 2017	1	12	00	12
July-2017	1	12	00	12
August-2017	1	09	00	09
September-2017	1	14	00	14
October-2017	-	-	-	-
November-2017	1	12	00	12
December-2017	1	10	00	10
January-2018	1	08	00	08
February-2018	1	10	00	10
March-2018	1	09	00	09
Total	10	109	00	109

5. Participation in Conference /Symposiums//Seminar/ Workshop:

Sr. N.	Name of Participation	Duration	Conference /Symposiums/Seminar/Workshop/Training	Organising Palace
1	National Sheep and wool fair 2017	8/12/17	workshop and fair	CSWRI, Avikanagar
2	Three Day Goat Farming Training 2017	13-15/12/17	Farmers Training	Banthali, Tonk

6. Research paper Publish in International/National Journal: Nil**7. Popular Article Publish:**

S.N.	Name of Journal	Title/Topic	Date
1	Pashu Palan Naye Aayam	H.S. and B.Q.: Main infectious diseases of rainy season	July 2017
2	Veterinary Practitioner Vol.18	Dermatophytosis in Dromedary Camel	Dec.2017

8. Radio/TV Talk Delivered: Nil

S.N.	Name of Delivered	Title/Topic	Date
-	-	-	-

9. Newspaper Coverage:

Sr. N.	Press Note	Date of publish in News paper	Name News paper
1	Visit of Dr. Prabhu lal Saini (Minister of Agriculture and Animal husbandary) at VUTRC Tonk	04/05/17	Dainiak Navjyoti, Khabaro ki duniya, Rajasthan Patrika
2	Off Campus Training Sonva and Arniya Mal	10/05/17	Rajasthan Patrika, Dainiak Navjyoti
3	On Campus Training	14/06/17	Rajasthan Patrika, Dainiak Navjyoti, Dainiak Bhaskar
4	On Campus Training	22/06/17	Dainiak Bhaskar
5	On Campus Training	26/07/17	Dainiak Navjyoti
6	On campus training	25/08/17	Rajasthan Patrika, Dainiak Navjyoti
7	Off Campus Training Deoli Bhanchi	23/08/17	Rajasthan Patrika
8	Off Campus Training Sonva	09/11/17	Rajasthan Patrika , Dainiak Bhaskar
9	Off Campus Training Parana	15/11/17	Dainiak Bhaskar
10	National Sheep and Wool fair	09/12/17	Rajasthan Patrika
11	Goat Farming Training	14/12/17	Rajasthan Patrika
12	Off Campus training Dooni	09/01/18	Dainiak Bhaskar

Photographs of Various Activities



News Paper Coverage

कैलाश व महेन्द्र ने जीता उन्नत नस्ल के पशु पालन का पुरस्कार

मालपुरा। पशुपालन विभाग की ओर से आयोजित किए गए पशुमेले व प्रतिस्पर्धा में उन्नत नस्ल के पशुपालन में खरपुर के कैलाश गुजर व महेन्द्र ने प्रथम स्थान प्राप्त किया है।

मेशनल लार्ज स्टॉक मिशन अन्तर्गत राजकीय उमा विद्यालय के खेल मैदान पर आयोजित विलसतरीय पशु मेला व पशु प्रतिस्पर्धा में भाग लेने वाले प्रतिभागियों के विजेताओं की घोषणा की गई जिन्हें प्रमाण पत्र व पुरस्कार प्रदान किए गए। मेला प्रभारी व पशु चिकित्सक डॉ. अनिल कुमार परतानी ने बताया कि पशु मेले में आयोजित प्रतियोगिताओं में 14 प्रजाति के 198 पशुओं का पंजीकरण किया गया। जिसमें गिर प्रजाति गाय व बैल, संकर गाय, मुर्गा भैंस व बैल, भेड़, घोड़े, ऊंट व ऊंटनी व अन्य संकर नस्ल के पशुओं की विभिन्न नस्ल शामिल

रहीं। उक्त सभी नस्लों में प्रथम, द्वितीय व तृतीय पुरस्कार चयन हेतु डॉ. ओमप्रकाश कोली, डॉ. अशोक पाण्डे व देवकरण गुजर को निर्णायक मंडल में चुना गया। इस अवसर पर किसानों एवं मवेशी पालकों के लिए प्रदर्शनों का आयोजन किया गया जिसमें केन्द्रीय भेड़ एवं ऊन अनुसंधान संस्थान अम्बिकनगर, चारगाह विकास, राजवाम बीकानेर, पशुपालन विभाग जयपुर व कृषि विभाग ने भाग लिया। विशेषतः डॉ. राजकुमार, डॉ. रंगलाल मीणा व डॉ. दीपक गिल ने पशुपालकों को जानकारी दी व शंकाओं का समाधान किया। सरल संवादन सम्मेलन पटक द्वारा किया गया। संयुक्त निदेशक डॉ. दिलीप सिंह ने स्वागत भाषण व डॉ. अनिल परतानी ने कार्यक्रम व प्रतिस्पर्धा की विस्तार से जानकारी दी। डॉ. कृष्णवतार गुप्ता ने सभी का आभार व्यक्त किया।

पशुपालक प्रशिक्षण शिविर सम्पन्न

न्यूज सर्विस/नयाज्योति, टोंक

राजस्थान विश्वविद्यालय एवं प्रशिक्षण अनुसंधान केन्द्र टोंक द्वारा मंगलवार को राजकीय बहुउद्देशीय पशु चिकित्सालय छातालाई टोंक में एक दिवसीय पशुपालक प्रशिक्षण शिविर का आयोजन किया गया। जिसमें केन्द्र के डॉ. विक्रम सिंह एवं डॉ. दीपक ने पशुपालकों को "पशुओं में वैज्ञानिक तरीके से बकरी पालन एवं कुम्हट पालन" विषय पर जानकारी दी। इस शिविर में उप निदेशक, राजकीय बहुउद्देशीय पशु चिकित्सालय, टोंक डॉ. सम्प्रसा अली खां एवं जिला पशुधन आरोग्य खाता बकाई टोंक के डॉ. अनुज चौधरी, एच.डी. मोहन चौधरी ने भी पशुपालकों को उपयोगी जानकारी दी। इस शिविर में पशुधन सहायक अमित चौधरी, सोमा चौधरी, रतिराम चौधरी, अनुराग रानी, अमर सिंह राजावत, कुन्तल रानी, राखन गौतम सहित कई पशुपालक मौजूद थे।

पशुपालक प्रशिक्षण शिविर

न्यूज सर्विस/नयाज्योति, टोंक

राजस्थान विश्वविद्यालय एवं प्रशिक्षण अनुसंधान केन्द्र, टोंक के द्वारा मंगलवार को राजकीय बहुउद्देशीय पशु चिकित्सालय छातालाई टोंक में एक दिवसीय पशुपालक प्रशिक्षण शिविर का आयोजन किया गया। जिसमें केन्द्र के डॉ. विक्रम सिंह ने पशुपालकों को पशुओं में बरसात में होने वाली बीमारियों एवं उनसे बचाव विषय पर जानकारी दी। इस शिविर में उप निदेशक, राजकीय बहुउद्देशीय पशु चिकित्सालय, टोंक डॉ. सम्प्रसा अली खां एवं उप निदेशक, पशुधन विकास डॉ. ओम प्रकाश कोली, डॉ. सोभाग सिंह चौधरी, डॉ. विनिता चौधरी ने भी पशुपालकों को उपयोगी जानकारी दी। इस शिविर में पशुधन सहायक अमित चौधरी, रतिराम चौधरी, जावेद खान, मुकेश चौधरी सहित कई पशुपालक मौजूद थे।

एक दिवसीय पशुपालक प्रशिक्षण शिविर सम्पन्न

टोंक। पशु चिकित्सालय विश्व विद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र टोंक के तत्वावधान में बुधवार को टोंक पंचायत समिति के ग्राम सोनवा में एक दिवसीय पशुपालक प्रशिक्षण शिविर का आयोजन किया गया। शिविर में केन्द्र के चिकित्सक डॉ. विक्रम सिंह देवल एवं डॉ. दीपक गिल ने पशुपालकों को ज्ञान (गर्भवती) पशुओं की देखभाल एवं गर्भावस्था के समय आने वाली समस्याओं के निराकरण एवं सर्दियों में नवजात बछड़ों के उचित प्रबंधन विषय पर विस्तार से जानकारी दी। शिविर में पशुधन सहायक अमित चौधरी एवं अशोक मेहरा, रतिराम चौधरी एवं जेवद नागौरी सहित अनेक पशुपालक उपस्थित थे।

पशुओं में होने वाली बरसाती बीमारियों से बचाव तरीके की जानकारी

टोंक। राजस्थान विश्वविद्यालय एवं प्रशिक्षण अनुसंधान केन्द्र द्वारा मंगलवार को भकतलाई स्थित राजकीय बहुउद्देशीय पशु अस्पताल में पशुपालक प्रशिक्षण शिविर का आयोजन किया गया। इसमें केन्द्र के डॉ. विक्रम सिंह ने पशुपालकों को बरसात के दौरान पशुओं में होने वाली बीमारियों व उनसे बचाव की जानकारी दी। इस अवसर पर राजकीय बहुउद्देशीय पशु चिकित्सालय के उप निदेशक डॉ. सम्प्रसा अली खान, पशुधन विकास उप निदेशक डॉ. ओम प्रकाश कोली, डॉ. सोभाग सिंह चौधरी, डॉ. विनिता चौधरी, पशुधन सहायक अमित चौधरी, रतिराम चौधरी, जावेद खान, मुकेश चौधरी सहित कई पशुपालक मौजूद थे।



Veterinary University Training & Research Centre (VUTRC), (Dungarpur)

**Annual Progress Report
(1 April 2017 to March 31, 2018)**



DIRECTORATE OF EXTENSION EDUCATION
Rajasthan University of Veterinary and Animal
Sciences, Bikaner-334001

RAJASTHAN UNIVERSITY OF VETERINARY & ANIMAL SCIENCES, BIKANER

1. Project Title - VUTRC Dungarpur
2. Location -
3. Area of Jurisdiction - Dungarpur District
4. Date of Sanction - 2014
5. Date of Commencement of VUTRC - 1st April 2014
6. Period of Report - 1st April 2017 to 31th March 2018
7. Principal Investigator - Professor (Dr) A.P. Singh, DEE

1. General Information about District

a. Map of District



b. Geographical Position

Dungarpur district is situated in southern Rajasthan between 23° 20' and 24° 01' North latitude and 73° 21' and 74° 01' East longitude. It has an area of 3770 km² and population 1,388,552 (2011). The district is roughly triangular in shape. Dungarpur district is the smallest district of the state covering 385592 hectares only, which is 1.13 percent of the total area of Rajasthan. The most of the part of district is hilly. The Mahi River runs along the southeastern edge of district, forming the boundary with Banswara district. The Som River, a tributary of the Mahi, runs along the northern edge of the district, largely forming the boundary with Udaipur district. In East and North its borders on Banswara and Udaipur District respectively while it adjoins the State of Gujrat in South & West.



c. Tehsil /Gram Panchayat/Villages in District

Administrative profile has 9 Panchayat Samities viz. Dungarpur, Sagwara, Simalwara, Aspur, Bichiwara, Zhonthri, Dovera, Sabla & Galiakot. It has 9 Tehsil and 3 Vidhan Sabha Constituencies. District has 237 Gram Panchayats with total of 976 villages in all.

d. District Population 2011

As per 2011 Population census, Dungarpur had a population of 1,388,552. The urban population is 1,107,643. Males constitute 49.45% of the population, and females constitute 50.55%. Dungarpur has an average literacy rate of 59.46%, higher than the national average of 54.3%; male literacy is 72.88%, and female literacy is 46.16%.

e. Status of livestock and poultry population in district

S.No.	Species	Population
1	Cattle	375023
2	Buffalo	232133
3	Goats	416729
4	Sheep	62652
5	Horse & Pony	138
6	Camel	1672
7	Pig	38
	Total	1089600
8	Poultry	177807
	Total	1267407

f. District Agriculture profile

The terrain of Dungarpur is interspersed with stony hills covered with a jungle of cactus, jojoba trees and salar (a gum producing tree), together with several other varieties of shrubs and trees not requiring deep soil or moisture. This terrain is not typically an agricultural area, since a large part of the district here consists of hills, valleys and rocky surfaces. While some lands permit normal sedentary agriculture, in large parts crops are grown on hilly and undulating slopes, yielding low crop yields. Dungarpur district is mainly recognized as one dimensional situation. Dungarpur district is divided into single agro climatic zone viz. Sub humid southern plain and aravalli hills. On the basis of zone, the district is categorized into different agro-ecological situations based on soil types and source of irrigation. There are following enterprises predominantly existed in the district. Agriculture, Horticulture, Animal Husbandry and Non-farm activity sector.

The major commodities prevailed in the agriculture are Wheat, Barley, Maize, Paddy, Mustard, Moong, Soybean, Black gram, and gram.



Soil types	Sandy loam, red loam & red mix soil	90%
	Saline Soil	7%
	Sodic Soil	3%
Water resources	1 Major irrigation projects	
	51 irrigation tanks	
	900 Village tanks	
	Major Rivers – Ralom, Som, Mugam	
Rainfall	Dungarpur district receives 700-900 mm. rainfall/annum.	
	The major rainfall received during June-Sept.	

2. General Information about VUTRC

a. Name and address of VUTRC with phone, fax and e-mail

Address	Telephone		E- mail
	Office	Fax	
VUTRC, sulai, kheda, Dungarpur (Raj.),	+917414869065	-	vutrcdungarpur.rajuvas@gmail.com

b. Name and address of host organization with phone fax and e-mail

Address	Telephone		E- mail
	Office	Fax	
DEE, RAJUVAS, Bikaner	+91151-2200505	+91151-2549348	deerajuvass@gmail.com

c. Name of Principal Investigator with phone & mobile No.

Address	Telephone/Contact		
	Residence	Mobile	E-mail
Dr A.P. Singh	-	+91 9414139188	deerajuvass @gmail.com

d. Year of Sanction

e. Staff Position: (as on 31st March 2018)

Name of Post**	Name of the incumbent	Designation	Discipline	Pay Scale (Rs)	Date of Joining	Permanent /Temporary
Associate Professor	-	-	-	-	-	-
Assistant Professor	Dr Rajesh Singathia	Assistant Professor	Veterinary Microbiology	15600-39100+6000AGP	30-12-17	Permanent
Teaching Associate	Dr Sunil Rajoria	Teaching Associate	Vety. & A.H. Extn. Education	40000/month	27-12-17	Temporary
Teaching Associate	Dr Virendra Singh	Teaching Associate	Vety. & A.H. Extn. Education	40000/month	08-3-18	Temporary



Livestock Assistant		LSA	-	11820/month	Nov. 2014 to Jan 2018	Temporary
Supporting Staff	-	-	-	-	-	-

3. Objectives of VUTRC:

1. Collaborate with the Subject Matter Specialist of the State Veterinary University/scientists of the Zonal Research Station/ Sub Station and the State Extension Personnel in “On-farm testing” refining and documenting technologies for specific sustainable Livestock growth.
2. Organizing training to update the extension personnel within the area of operation with emerging advances in animal husbandry and feed technology research on regular basis.
3. Organize long term vocational training courses in animal husbandry and allied vocations for the rural youths with emphasis on “learning by doing” for generating self-employment through institutional financing.
4. Organize front-line demonstrations on various livestock patterns to generate production data and feed-back information.
5. VUTRC will work as resource and knowledge centre of advanced animal husbandry technology for supporting initiative of public, private and voluntary centre for improving the animal husbandry economy of the district.

4. Infrastructural Development

a. Buildings

S.No	Name of Building	Source of Funding	Stage					
			Complete			Incomplete		
			Completion on Date	Plinth area (Sq.m)	Expenditure	Starting Date	Plinth area (Sq.m)	Status of construction
-	-	-	-	-	-	-	-	constructed

b. Vehicles

Type of vehicle	Year of Purchase	Cost (Rs)	Total hours run	Present status
-	-	-	-	-

c. Equipments & AV aids purchased reporting period

Name of the Equipment	Year of Purchase	Number	Cost (Rs)	Source of funding	Present status
Monitor LED	2016-17	1	44437.50	DEE	Working
Digital Camera	2016-17	1	14800	DEE	Working

**d. Scientific Advisory Committee (SAC) meeting conducted**

Details	Date	No. of Participants
-	-	-

5. Technical Achievements

1. Survey Report : 0

2. Trainings :

1. Off Campus Trainings :

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April 2017	06	121	103	224
May 2017	08	079	316	395
June 2017	08	074	306	380
July 2017	08	043	345	388
August 2017	08	215	174	389
September 2017	03	135	012	147
October 2017	05	097	093	190
November 2017	07	052	231	283
December 2017	08	087	204	291
January 2018	08	069	247	316
February 2018	07	059	199	258
March 2018	08	100	217	317

2. Animal Treatment Camp

Period	No. of Activity	No. of Participants		
		Male	Female	Total
July 2017	01	14	22	36

3. Vichar Gosthi

Period	No. of Activity	No. of Participants		
		Male	Female	Total
August 2017	01	34	00	34
October 2017	01	10	30	40
January 2018	01	12	11	23

4. Other activities (Providing Consultancy Services)

Period	No. of Activity	No. of Participants		
		Male	Female	Total
January 2018	01	07	01	08
February 2018	01	01	05	06
March 2018	01	02	02	04

5. News Paper Coverage: 1

Veterinary University Training & Research Centre (VUTRC), (Dholpur)

Annual Progress Report (1 April 2017 to March 31, 2018)



DIRECTORATE OF EXTENSION EDUCATION
Rajasthan University of Veterinary and Animal
Sciences, Bikaner-334001

RAJASTHAN UNIVERSITY OF VETERINARY & ANIMAL SCIENCES, BIKANER

- | | |
|------------------------------|--|
| 1. Project Title | - Veterinary University Training & Research Centre, (VUTRC) |
| 2. Location | - Odela Road Dholpur |
| 3. Area of Jurisdiction | - Dholpur District |
| 4. Year of establishment | - Year 2016 |
| 5. Period of Report | - 1 st April 2017 to 31 st March 2018. |
| 6. Programme
Co-ordinator | - Professor (Dr) A.P. Singh,
(Additional charge)
DEE, RAJUVAS, BIKANER |

1. General Information about District

a. Map of District





b. Geographical Position

Dholpur is a city in eastern-most parts of the Rajasthan state of India. The geographical coordinates for Dholpur (Dhaulpur) are 26° 42' 0" North, 77° 54' 0" East. Total area of Dholpur district is 3,034 sq. kilometers. Dhaulpur became a separate district in 1982 comprising Dholpur, Rajakhhera, Saramathura, Bari and Baseri Tehsils. Dholpur district is a part of Bharatpur Division/Commissionerate. It is bordered by Bharatpur district of Rajasthan and Uttar Pradesh to the north, Madhya Pradesh to the south, Karauli district to the west and Uttar Pradesh and Madhya Pradesh to the east.

c. Tehsil /Gram Panchayat/Villages in District

- 6 Tahsil- Dholpur, Rajakhhera, Bari, Baseri, Sarmathura and Saipau.
- 5 Panchayat Samiti-

Dholpur	- 48 Gram Panchayats
Rajakhhera	- 39 Gram Panchayats
Bari	- 31 Gram Panchayats
Baseri	- 35 Gram Panchayats
Saipau	- 18 Gram Panchayats
- Total 171 Gram Panchayats
- Total 851 Villages.

d. District Population 2011

In 2011, Dhaulpur had population of 1,206,516 of which male and female were 653,647 and 552,869 respectively. In 2001 census, Dhaulpur had a population of 983,258 of which males were 538,103 and remaining 445,155 were females.

e. Status of livestock and poultry population in district

S.No.	Species	Population
1	Cattle	59686
2	Buffalo	359012
3	Goats	89652
4	Sheep	11807
5	Horse & Pony	622
6	Camel	304
7	Pig	7141
Total		528224
8	Poultry	8900
Total		537124



f. District Agriculture profile

Range of sand stone hills runs from Dholpur town to south western direction attaining at one place an altitude of 356.91 metres above sea level. The land in Dholpur district is fertile and rises from alluvial plain near the level. Hills and broken grounds characterize almost the whole territory, along the valley of Chambal as irregular and lofty wall of rocks separates the land on the river from the uplands. The climate of Dholpur district is generally dry. Dholpur town is one of the hottest places in Rajasthan state with maximum temperature rising up to 50°C and the minimum upto 40°C. The average annual rain fall in the district is about 67cm. 27184 hectare land of Dholpur district is covered with forest (as on 31.3.2015). The most important produce of economic significance is (khas) which is found in Bari and Dholpur. The main species are Dhok or Dhao. The other trees are Arung, Dhak, kachnar, Babul etc. There are two sanctuaries located in Dholpur district. They are: Van Vihar and Ram Sagar. Animals found in the area are jackal, deer, chinkaras, and sambhar etc. The major commodities prevailed in the agriculture are Wheat, Barley, Maize, Mustard, and gram.

2. General Information about VUTRC, Dholpur

a. Name and address of VUTRC with phone, fax and e-mail

Address	Telephone		E- mail
	Office	Fax	
Tal ondel, Infront of Ankur Dairy, Ondela Road, Dholpur	+918290010544	-	vutredholpur.rajuvas@gmail.com

b. Name and address of host organization with phone fax and e-mail

Address	Telephone		E- mail
	Office	Fax	
DEE, RAJUVAS, Bikaner	+91151-2200505	+91151-2549348	deerajuvass@gmail.com

c. Name of Principal Investigator with phone & mobile No.

Address	Telephone/Contact		
	Residence	Mobile	E-mail
Dr. A.P. Singh	-	+919414139188	deerajuvass@gmail.com

d. Year of Sanction

e. Staff Position: (as on 31st March 2018)

S. No.	Name of Post**	Name of the incumbent	Designation	Pay Scale (Rs)	Date of Joining	Permanent /Temporary
1	Assistant Professor	Dr Subhash Chand	In-charge & Assist. Prof.	15600-39100	17/12/17	Regular
2	Teaching Associate	Dr Pradeep Pal Singh	Teaching Associate	40000/-	30/11/16	Temporary
3		Dr Parmal Singh	Teaching Associate	40000/-	26/12/17	Temporary
4	Livestock Assistant	Technical assistant	Livestock Assistant	12874/-	7/12/16	Temporary
5	Supporting Staff	one	Skilled	5500/-	Nov/16	Temporary
6		one	Unskilled	5000/-	Nov/16	Temporary



3. Objectives of VUTRC:

1. Collaborate with the Subject Matter Specialist of the State Veterinary University/scientists of the Zonal Research Station/ Sub Station and the State Extension Personnel in “On-farm testing” refining and documenting technologies for specific sustainable Livestock growth.
2. Organizing training to update the extension personnel within the area of operation with emerging advances in animal husbandry and feed technology research on regular basis.
3. Organize long term vocational training courses in animal husbandry and allied vocations for the rural youths with emphasis on “learning by doing” for generating self-employment through institutional financing.
4. Organize front-line demonstrations on various livestock patterns to generate production data and feed-back information.
5. VUTRC will work as resource and knowledge centre of advanced animal husbandry technology for supporting initiative of public, private and voluntary centre for improving the animal husbandry economy of the district.

4. Infrastructural Development

e. Buildings:

S.No	Name of Building	Source of Funding	Stage					
			Complete			Incomplete		
			Completion on Date	Plinth area (Sq.m)	Expenditure	Starting Date	Plinth area (Sq.m)	Status of construction
1	VUTRC, Dholpur	DEE	-	-	-	-	-	-

f. Vehicles: Not available

Type of vehicle	Year of Purchase	Cost (Rs)	Total hours run	Present status
-	-	-	-	-

g. Equipments & AV aids purchased reporting period

Name of the Equipment	Year of Purchase	Number	Cost (Rs)	Source of funding	Present status
Multimedia Projector	2016-17	1	32737	DEE	Working
Digital Camera	2016-17	1	14706	DEE	Working
Monitor LED	2016-17	1	44437.50	DEE	Working

h. Scientific Advisory Committee (SAC) meeting conducted:

Details	Date	No. of Participants
-	-	-



5. Technical Achievements:

1. Survey Report : 0

2. Trainings :

1. Off Campus Trainings :

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April 2017	8	195	144	339
May 2017	8	182	224	406
June 2017	8	194	215	409
July 2017	9	231	233	464
August 2017	9	221	176	397
September 2017	8	136	212	348
October 2017	5	121	80	201
November 2017	8	203	121	324
December 2017	8	202	100	302
January 2018	11	256	185	441
February 2018	7	170	109	279
March 2018	7	188	109	297

2. On Campus Trainings

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April 2017	1	2	23	25
May 2017	-	-	-	-
June 2017	1	1	32	33
July 2017	1	5	28	33
August 2017	1	6	34	40
September 2017	1	8	20	28
October 2017	-	-	-	-
November 2017	1	17	13	30
December 2017	-	-	-	-
January 2018	1	17	13	30
February 2018	1	17	13	30
March 2018	-	-	-	-

3. Vichar Gosthi

Period	No. of Activity	No. of Participants		
		Male	Female	Total
May 2017	2	20	10	30
June 2017	2	13	23	36
September 2017	2	7	24	31
January 2018	1	3	15	18
March 2018	1	15	5	20

**4. Farmers-Scientist Interaction**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
January 2018	1	5	3	8
March 2018	-	-	-	-

5. Other activities (if any other than 1 to 4)

6. News Paper Coverage: 22

Veterinary University Training & Research Centre (VUTRC), (Suratgarh) Sri Ganganagar

Annual Progress Report (1 April 2017 to March 31, 2018)



DIRECTORATE OF EXTENSION EDUCATION
Rajasthan University of Veterinary and Animal
Sciences, Bikaner-334001

RAJASTHAN UNIVERSITY OF VETERINARY & ANIMAL SCIENCES, BIKANER



1. Project Title - Veterinary University Training & Research Centre
2. Location - Suratgarh (Sriganganagar)
3. Area of Jurisdiction - Sriganganagar district
4. Date of Sanction - ICAR letter F.No. 13-1/2009 – A E - I
Dated 30/03/2012
5. Date of Commencement - 27th Sept. 2013
of VUTRC
6. Period of Report - 1st April 2017 to 31st of March 2018
7. Principle Investigator - Professor (Dr.) A.P. Sing, DEE
RAJUVAS, BIKANER

PART I - GENERAL INFORMATION ABOUT THE VUTRC

1.1. Name and address of VUTRC with phone, fax and e-mail:

Address	Telephone		E mail
	Office	FAX	
VUTRC, Suratgarh, Sriganganagar PIN- 335804	+911509-221448	-	vutrcsuratgarh.rajuvas@gmail.com

1.2. Name and address of host organization with phone fax and e-mail:

Address	Telephone		E mail
	Office	FAX	
DEE, RAJUVAS, Bikaner	+91151-2200505	+91151-2549348	deerajuvass@gmail.com

1.3 Name of the Principle Investigator with phone & mobile No:

Name	Telephone / Contact		
	Residence	Mobile	Email
Prof. (Dr) A.P. SINGH	-	9414139188	deerajuvass@gmail.com

1.4. Year of sanction: 27-09-2013

1.5. Staff Position :(as on 31st March, 2017)

Name of Post**	Name of the incumbent	Designation	Discipline	Pay Scale (Rs)	Date of joining	Permanent / Temporary	Category (SC/ST/OBC/ Others)
Associate Professor	**						
Assistant Professor	Dr. Rajkumar Berwal	Assistant Professor	Veterinary Extension	21,600/- (Basic Pay)	27-10-2017	Permanent	OBC
Assistant Professor	Dr. Anil Ghorela	Project Associate	Animal Breeding & Genetics	40,000/- month (Fix Pay)	16-11-2016	Temporary ***	OBC
Assistant Professor	**						
Technical Assistant	Dharamveersingh	Livestock Assistant	-	11,840/- month (Fix)	01-12-17	Temporary ***	-
Technical Assistant	Sandeep Dangi	Computer Operator	-	11,000/- Month (fix)	01-11-2017	Temporary ***	-
Technical	**						



Assistant							
Driver	**						
Ministerial Staff	**						
Ministerial Staff	**						
Supportive Staff	karamsingh			10840/-	03-11-2017	permanent	
Supportive Staff	Ramchander	Supportiv e Staff	-	5,500/-	24-06-2014	Temporary ***	-
Supportive Staff	Mukesh	Supportiv e Staff	-	5,000/-	01-11-2016	Temporary ***	-

* DEE is holding additional charge of this post

** All the posts have been advertised and will be soon filled up

*** Contractual

1.6. Total land with VUTRC : 11,531.58 M²

1.7. Infrastructural Development:

A) Buildings

Name of building	Source of Funding	Stage					
		Complete			Incomplete		
		Completi on Date	Plinth area (Sqm)	Expenditure (Rs)	Starting Date	Plinth area (Sqm)	Status of construction
Administrative Building	RKVY	July 2014			Feb. 2014		Completed
Farmers Hostel							
Staff Quarters							
Demonstration Units							
Others (specify compulsorily)							

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs)	Total hours run	Present status
On Contract	-	-	-	Working on contract basis

C) Equipment's& AV aids purchased reporting period

Name of the equipment	Year of purchase	Number	Cost (Rs)	Source of funding	Present status
Digital Camera	2013-14	01	Transferred from the office of DEE		All equipmen t's are in working Condition
Computer	2013-14	02	Transferred from the office of DEE		
Printer	2013-14	01	Transferred from ABG department		
Public Address System (Mike & Speaker)	2013-14	01	Transferred from the office of DEE		
Xerox	2013-14	01	Transferred from the office of DEE		
Projector	2013-14	01	Transferred from ABG department		

1.8. A). Scientific Advisory Committee (SAC) meeting conducted

Details	Date	No. of Participants
Nil	-	-



Objectives of VUTRC:

- To impart training on the felt need of the end users, practicing farmers and officers of the line departments.
- To act as a two way channel between University and the farmers to identify the field based livestock and poultry problems and also to pass on the remedial measures.
- To conduct on farm trial on the latest research findings of the University and field oriented problems specific to the area.
- Survey of bacterial, viral and parasitic diseases to formulate the schedule of vaccination and deworming.
- To ensure an immediate and thorough diagnosis of disease in the event of an outbreak with special emphasis on disease reporting system.
- To motivate and encourage in establishing livestock and poultry farms for self-employment by the local farmers.
- To collaborate with State and Central sponsored rural development programmes.
- To develop and maintain data base on livestock / Poultry in the area.
- To carryout short term need based location specific projects.

PART II - DETAILS OF DISTRICT

TEHSILS OF SRIGANGANAGAR DISTRICT

Sri Ganganagar District, (a part of Rajasthan state) has 6 Sub-Divisions, 9 Tehsils and 8 PanchayatSamities. Approximately 2839 villages of the district are inhabited by human population and Total No. of uninhabited village is 192. The district has 10 Towns in total and as many as 320 "Gram Panchayats".

S. No.	Name of Sub-Divisions	Population
1	Sri Karanpur	103073
2	Ganganagar	201220
3	Sadulsahar	121812
4	Padampur	121332
5	Raisinghnagar	157195
6	Anoopgarh	144813
7	Gharsana	164885
8	Vijainagar	107833
9	Suratgarh	214244
	TOTAL	1336407

S. No.	TOWN & VILLAGES	No.
1	(i) Sub Division	6
2	(ii) Tehsils	9
3	(iii) Up- Tehsils	6
4	(iv) PanchayatSamities	8
5	(v) Total No. of inhabited Village	2839
6	(vi) Total No. uninhabited Village	192
7	(vii) Total No. of Town	10
8	(viii) Total No. of Gram Panchayat	320



2.1 District Agriculture profile

Agro-Climatic/Ecological Zone	Farming system/enterprise
Agro Ecological Sub Region (ICAR)	Western Plain, Kachchh and Part of Kathiawar Peninsula, Hot Arid Eco-Region
Agro-Climatic Zone (Planning Commission)	Trans Gangetic Plain Region
Agro Climatic Zone (NARP)	Irrigated North West Plain Zone

2.2 Geographical co-ordinates of the headquarter

Geographic coordinates of district headquarters	Latitude Longitude Altitude	Longitude	Altitude
Sriganganagar	28°42'33" to 30°12'16"	72°39'33" to 74°17'51"	175.6 m



2.3 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

S N	Agro-climatic Zone	Characteristics
1.	Zone 1b (Irrigated North-Western Plains)	<p>Sriganganagar is a northernmost district of Rajasthan state in western India. It is also the 'breadbasket of Rajasthan'. Sri Ganganagar District is located between Latitude 28.4 to 30.6 and Longitude 72.2 to 75.3^[2]. The total area of Sri Ganganagar is 11,154.66 km² or 1,115,466 hectares. It is surrounded on the east by Hanumangarh District, (Hanumangarh district was carved out of it on July 12, 1994) on the south by Bikaner District, and on the west by Bahawalnagar district of the Pakistani Punjab and on the north by the Punjab. Although Ganganagar District lies in the great Thar desert, irrigation via the Gang canal and lgnp canal has changed the flora and fauna. The district can be classified into five geographical regions:</p> <ol style="list-style-type: none"> 1. The region irrigated by the Gang canal and the Bhakhra canal tributaries: the northern region, which is 3/4 of the district, resembles the fertile plains of Punjab, but some areas, like the area between the towns of Raisinghnagar and Vijaynagar, have desert like conditions. 2. Area irrigated by the Suratgarh branch of the IGNP canal 3. Area irrigated by Anoopgarh branch of IGNP canal: it comprises Anoopgarh and Gharsana tehsils. It is the southernmost region of the district, of which much has been converted into plains, but sandy dunes can still be seen. 4. The Naali belt: this is a narrow basin of the Ghaggarriver. It is the only major river of the district. It is a seasonal river, which flows in the rainy season. It enters the district near Suratgarh and then flows in areas of Jaitsar, Vijaynagar, Anoopgarh and then crosses the Indo-Pakistani border. 5. The 'Uncha Tibba' (high sandy dunes) area of Suratgarh tehsil: large sandy dunes and lack of water predominate here. This area can be said to be a 'real desert'. People of this area face harsh conditions in the desert. <p>In Sriganganagar District, we find hot summer, cool winter, unreliable rainfall and great variation in the temperature (2⁰C in Jan. to 48.9⁰C in June). The rainfall mostly restricted to rainy season. The monsoon normally comes in the first week of the July and recedes in the last week of September.</p>

2.4 Annual Rainfall at the district

Rainfall	Normal RF(mm)	Normal Rainy days (number)	Normal Onset (specify week and month)	Normal Cessation (specify week and month)
SW monsoon (June-Sep):	242.8	11.2	2nd week July	3rd week Sept.
NE Monsoon(Oct-Dec):	013.9	0.7	NA	NA
Winter (Jan- March)	037.0	2.7	-	-
Summer (Apr-May)	028.6	1.1	-	-
Annual	322.3	15.7	-	-

2.5 Agricultural Land-utilization pattern

Land use pattern of the district (latest statistics)	Area ('000 ha)
Geographical area	1093.3
Cultivable area	911.6
Forest area	60.5
Land under Non-agricultural use	68.6
Permanent pastures	0.1
Cultivable wasteland	46.1
Land under Misc. tree Crops and groves	4.1
Barren and uncultivable land	2.4
Current fallows	83.5
Other fallows	103.4

**2.6 Soil types**

Major Soils (common names like red sandy loam deep soils (etc.))*	Area ('000 ha)	Percent (%) of total
Medium, Light yellowish brown, Loamy	3.46	0.38
Deep, Light yellowish brown, Loamy	875.77	96.07
Deep, Light yellowish brown, Clayey	0.55	0.06
Deep, Yellowish brown, Sandy	31.81	3.49

* mention colour, texture (sandy, loamy, clayey etc), depth and vernacular name in brackets

2.7 Agricultural Land Use

Agricultural land use	Area ('000 ha)	Cropping intensity %
Net sown area	724.7	145.4
Area sown more than once	329.3	
Gross cropped area	1054.0	

2.8 Irrigation

Irrigation	Area ('000 ha)		
Net irrigated area	557.7		
Gross irrigated area	873.8		
Rainfed area	167.0		
Sources of Irrigation	Number	Area ('000 ha)	Percentage of total irrigated area
Canals		871.2	99.7
Tanks	NIL	NIL	NIL
Open wells	NIL	NIL	NIL
Bore wells	13903	2.6	0.3
Lift irrigation schemes	NIL	NIL	NIL
Micro-irrigation	-	-	-
Other sources (please specify)	-	-	-
Total Irrigated Area	-	873.8	-
Pump sets	8993	-	-
No. of Tractors	-	-	-
Groundwater availability and use*	No. of blocks/ Tehsils	(%) area	Quality of water (specify the problem such as high levels of arsenic, fluoride, saline etc)
Over exploited	NIL	NIL	-
Critical	NIL	NIL	-
Semi- critical	NIL	NIL	-
Safe	7	100	Saline
Wastewater availability and use	NA	-	-
Ground water quality	Saline and sodic	-	-

*over-exploited: groundwater utilization > 100%; critical: 90-100%; semi-critical: 70-90%; safe: <70%

2.9 Area under major field crops & horticulture etc. (2008-09)

Major Field Crops cultivated	Area ('000 ha)							
	Kharif			Rabi			Summer	Total
	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total		
A. Cotton/Wheat	45.8	-	45.8	190.8	-	190.8	NA	NA
B. Cotton/Barley	9.5	-	9.5			58.8	NA	NA
Clusterbean/Mustard			235.7			260.2	NA	NA
Mungbean/Chickpea			34.0			120.2	NA	NA
Paddy/Taramira	4.1		4.1			8.2	NA	NA
Others (specify)								

**2.10. Type of Horticulture Crops& Fruits**

Horticulture crops – Fruits	Total area
Kinnow	10.7
Malta & Mosambi	1.4
Pomegranate	0.6
Ber	0.5
Lime	0.4
Others (specify)	0.39
Horticultural crops –Vegetables	Total area ('000 ha)
Cucurbits	5.5
Cole crops	1.4
Tomato	1.1
Potato	0.8
Onion	0.7
Others (Brinjal, spinach, etc.)	4.2
Medicinal and Aromatic crops	-

2.11 Plantation Crops of the District

Plantation crops	-
Others such as industrial pulpwood crops, etc. (specify)	-
Fodder crops	Total area
Berseem, oat, Lucerne	14.5
Sorghum, Bajra	13.4
Total fodder crop area	27.9
Grazing land	0.1
Sericulture, etc.	NA
Others (Specify)	

2.12 Production and Productivity of major crops

Name of crop	Kharif		Rabi		Summer		Total	
	Production ('000 t)	Productivity (kg/ha)	Production ('000 t)	Productivity (kg/ha)	Production ('000 t)	Productivity (kg/ha)	Production ('000 t)	Productivity (kg/ha)
Major Field crops (Crops to be identified based on total acreage)								
A.Cotton/ Wheat	269.9	3.12	595.9	3300				NA
B.Cotton/ Barley	70.7	2.57	110.9	2700				NA
Cluster bean/ Mustard	152.3	933	306.5	1133				NA
Mung bean/ Chickpea	20.5	787	79.4	833				NA
Paddy/ Taramira	12.8	3983	5.4	400				NA

*For A cotton and B cotton production and productivity is in ,000 bales

Source: Department of Agriculture, GOR

**2.13 Animal Husbandry Data**

Cattle			Buffalo	Sheep	Goat	Equines	Camel	Pig	Total Livestock
Exotic/C.B.	Indigenous	Total							
91554	493950	585504	282815	379667	377670	5331	19622	2689	1653298

2.14 Livestock Density of the District

District	Area (Km ²)	Livestock Census 2007	Livestock Density/Km ²
SriGanganagar	10,978	16,53,298	151

2.15 Poultry population data

Poultry	Total No. of birds ('000)
At Farms	6943
Backyard	79607

2.16 Fishery (Data source: Chief Planning Officer)

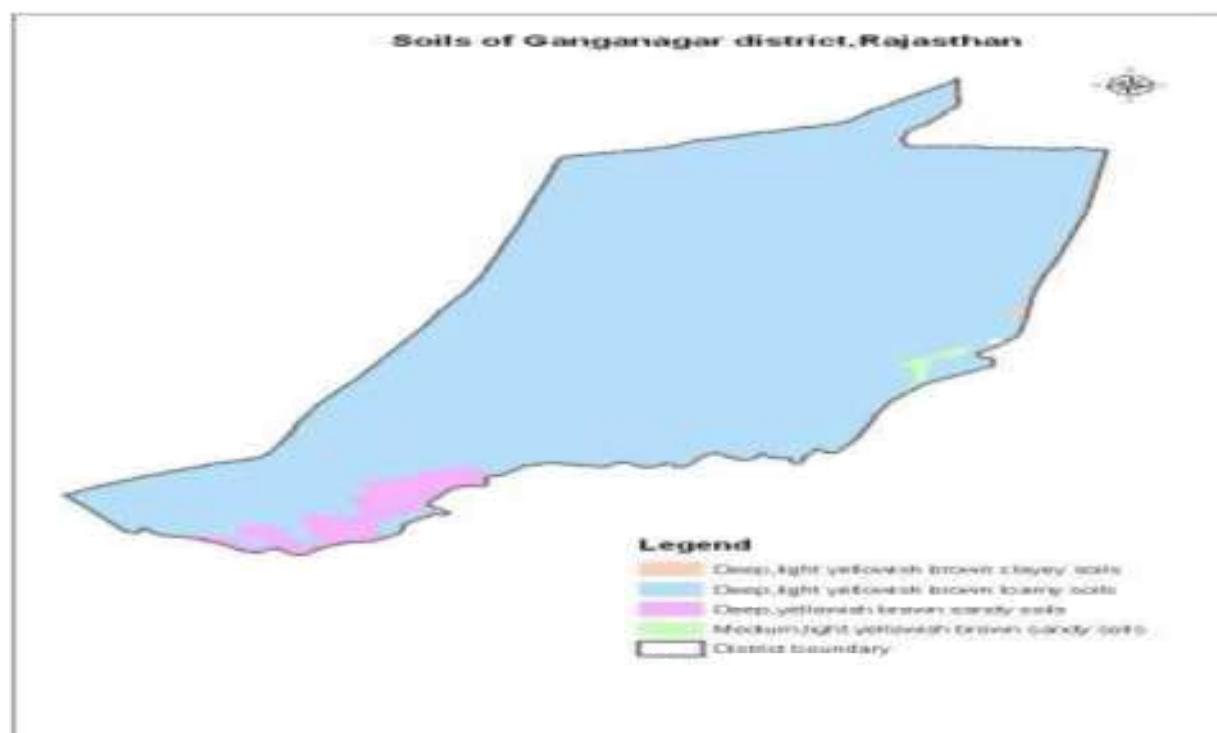
A. Capture						
i) Marine (Data Source: Fisheries Department)	No. of fishermen	Boats		Nets		Storage Facilities (Ice plants etc.)
		Mechanized	Non- mechanized plants	Mechanized (Trawl nets, Gill nets, etc.)	Non- mechanized (Shore Seines, Stake & trap nets)	
	NIL	NIL	NIL	NIL	NIL	NIL
ii) Inland (Data Source: Fisheries Department)	No. Farmer owned ponds		No. of Reservoirs		No. of village tanks	
	NA		NA		NA	
B. Culture						
			Water Spread Area (ha)		Yield (t/ha)	Production (‘000 tons)
i) Brackish water (Data Source: MPEDA/ Fisheries Department)			NIL		NIL	NIL
ii) Fresh water (Data Source: Fisheries Department)			NA		NA	NA
Others						

2.17 What is the major contingency the district is prone to? (Tick mark)

	Regular	Occasional	None
Drought	✓		
Flood			✓
Cyclone			✓
Hail storm		✓	
Heat wave		✓	
Cold wave		✓	
Frost		✓	
Sea water intrusion			✓
Pests and disease outbreak (specify)	✓		
Others (specify)			

2.18 Include Digital maps of the district

Location map of district within State as Annexure I	Enclosed: Yes
Mean annual rainfall as Annexure 2	Enclosed: Yes / No
Soil map as Annexure 3	Enclosed: Yes





2.19 Production and productivity of major livestock and Fisheries in the district during the year

S N	Name of Animals	Numbers	%age
1.	Cattle	401596	26.65
2.	Buffaloes	323101	21.44
3.	Sheep	284446	18.87
4.	Goat	277612	18.42
5.	Camel	47006	03.12
6.	Horse	1060	00.07
7.	Mule	318	00.02
8.	Donkey	5281	00.35
9.	Pig	2373	00.15
10.	Poultry/Duck	91606	06.08
11	Others	72668	04.83

PART III - TECHNICAL ACHIEVEMENTS

3.1 Details of target and achievements of mandatory activities by VUTRC, SURATGARH during 2017-18

Activities	Targets	Achievement	Remarks (specify the reason for shortfall, if any)
Training			
1. Farmers and Rural Youth			
No. of courses	40	75	-
No. of participants	1200	2463	-
2.Extension Functionaries			
No. of courses	20		(More focus on training of Farmers and Rural Youth)
No. of participants	600		
Extension Activities			
No. of activities	02	2	
No. of participants	As Many	2032	-

3.4 Extension & training activities

Sr. No	Activity	No. of activities organized	No. of Participants	Remark
1	Farmers/Rural youth Training	75	2463	-
2	KishanGosthi	02	132	-
3	Media coverage	23	Mass coverage	-
4	Extension Literature	24	270	-
5	Training for extension functionaries	01	23	-
6	Lecture delivered in other programmes as resource person	08	476	-
7	Radio-talks	03	Mass coverage	-
8	Animal Health Camp	-	-	-



3.3 Prioritized thrust area during the reporting period

Crop/Enterprise	Thrust area
Animal Production	To motivate the farmers, youths and farm women for dairy, poultry and pig farming for self-employment and income generation.
Dairy Production	To popularize Integrated Pest Management especially stress on treatment.
Germplasm Conservation	Encouraging farmers for conservation of good quality germplasm.
Kinno, Malta, Pomegranate, Aonla, Ber, Carrot, Methi, Onion, Muskmelon, Garlic,	To extend the area under fruit orchards and techniques in nursery raising and its proper management.
Fish Farming	To motivate the farmers for fish farming and fish seed production.
Beekeeping & Mushroom cultivation	To motivate the farmers for income generation through Bee- keeping and mushroom cultivation.
Income generate activities for farm women & rural youth	Introducing employment generation activities for farm women like fruit and vegetable preservation, tailoring, embroidery, soft toys making etc.
Crop Production	To increase the productivity of major field crops and encouraging farmers for sustainable agriculture through natural farming system using compost vermi compost, FYM and moisture conservation technology.

3.2 Details of operational area covered during the year 2017-18

Tehsil	Gram Panchayat	Village	Source of Earning	Major Problems Identified	Identified Thrust Area
Ghadsana	12 MLD	12 MLD	1. Agriculture 2. Animal Husbandry & Dairying 3. Govt. Job 4. Private job 5. Business	1. Unemployment 2. Lack of knowledge about scientific dairy farming 3. Unaware of role of vaccination 4. Don't know the importance of mineral mixture 5. Unavailability of green fodder round the year. 5. Unaware of fodder/ forage conservation techniques. 6. Unaware of govt. aided schemes for livelihood improvement 7. Capital Availability 8. Unaware of good germ-plasm 9. Climate Change 10. Lack of knowledge about nutritional value of soil 11. Lack of awareness about water management	To motivate the farmers, youths and farm women for dairying, poultry, bee-keeping, mashroom cultivation, raising fruit orchard and goat farming for self-employment and income generation Introducing employment generation activities for farm women like fruit and vegetable preservation, tailoring, embroidery, soft toys making etc. To increase the productivity of dairy animals and encouraging farmers for sustainable agriculture through natural farming system. Encouraging farmers for vaccination to their livestock animals. To popularize deworming especially stress on animal treatment and motivate the farmers for income generation through dairy farming. To motivate the farmers use of mineral mixture for better productivity of dairy animals. To demonstrate the method of Silage & Hay making as a tool of fodder conservation Motivate the farmers to call expert for treatment of livestock
Shri Ganganagar	MatiliRatan	MatiliRatan			
Raisinghnagar	Maalsar	Maalsar			
Shri Vijaynagar	Jaitsar	Jaitsar			
Padampur	Rojdi	Rojdi			
	Manjuvaas	Manjuvaas			
	Burjewala	Burjewala			
	Channadham	Channadham			
Narsinghpura	Narsinghpura	Narsinghpura			
Sadulsahar	Budharwali	Budharwali			
Karanpur	MotasarKhuni	MotasarKhuni			
Suratgarh (More than 150 Villages covered)	Jankidaas	Jankidaas			
	Rangmahal	NayiBarika			
	Sangita	Sangita			
	Maler	Maler			
	Piperan	Piperan			
	8 SHPD	8 SHPD			
	Manaksar	Manaksar			
	AmarpuraJatan	Silwani			
	Rangmahal	Rangmahal			
	Beermana	Beermana			
	Mokalsar	Mokalsar			
	KikrawaliJohri	KikrawaliJohri			
	Deidaspura	Deidaspura			
	10 Sarkari	10 Sarkari			
	Udsar	Udsar			
	1 KSR	1 KSR			
	2-3 STM	2-3 STM			
	Bhopalpura	Bhopalpura			
	Raiyawali	Raiyawali			
	Paliwala	Paliwala			
	2 KSR	2 KSR			
	Rangmahal	Puranibarika			
	2 D.O.	Bhopalpura			



	Gopalsar	Gopalsar			
	Syopur	Syopur			
	Lalgadhiya	Lalgadhiya			
	6-7 FDM	6-7 FDM			
	Manewala	Manewala			
	Hinjrasar	Hinjrasar			
	Sardarpurakharta	Sardarpurakharta			
	GurusarModiya	GurusarModiya			

PART IV. TRAINING

4.1 Summary of achievements of training programme

Client	No. of courses			No. of participants		
	On campus	Off campus	Total	On campus	Off campus	Total
F/FW & RY	10	59	69		1472	2001
EP	02	04	06	23	Nil	23
Grand Total	12	63	75	552	1472	2024

4.2 Farmers/Farm Women and Youth Training Including sponsored training programmes (On and off campus)

Area of training	No. of courses	No. of participants								
		General/OBC			SC/ST			Grand Total		
		M	F	T	M	F	T	Male	Female	Total
Vaccination and Deworming in Animals	11	232	22	254	86	17	103	318	39	357
Anoestrous Problem and in Dairy Animals	09	158	40	198	47	37	84	205	77	285
Breed Conservation and Improvement	07	117	17	134	63	22	85	180	39	219
Role of Feed And Fodder in Dairy	10	216	25	241	106	09	115	322	34	356
Importance of Mineral Mixture in Animal Feeding	14	278	13	291	101	39	40	379	52	431
Dairy production and Management	05	84	03	87	33	07	40	115	12	127
Prevention of Animals from Various Diseases	09	211	75	286	58	07	65	269	82	351
Nutritional Management of Dairy/milk cattle	02	27	10	37	31	14	45	58	24	82
Goat farming	02	35	17	52	11	5	16	46	22	68
youth on overview	01	19	03	22	04	02	06	23	05	28
Management of small ruminant	01	25	-	25	11	-	11	36	-	36
Dairy Management	04	64	08	72	34	20	54	98	28	126
Grand Total	75	1466	233	1699	585	179	764	2051	414	2463

4.3 Extension Personal Training including Sponsored training Programmes (On and Off Campus)

Area of training	No. of courses	No. of participants								
		General			SC/ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total
Goat farming	01	15	00	15	10	00	10	25	00	25



PART V-EXTENSION ACTIVITIES

5.1. Extension Programmes

Natures of Extension programmes	No. of programmes	No. of participants (General)			No. of participants SC/ST			No. of Extension Personnel			Grand total		
		M	F	Total	M	F	Total	M	F	Total	M	F	Total
Field day	-	-	-	-	-	-	-	-	-	-	-	-	-
KisanGhoshthi	01	43	37	80	07	1	18	-	-	-	50	48	98
Lectures delivered in other programmes	-	-	-	-	-	-	-	-	-	-	-	-	-
Media coverage	23	Mass coverage of farmers through newspaper and radio											
Popular articles	-	-	-	-	-	-	-	-	-	-	-	-	-
Extension Literature distributed	24	Mass distribution of Extension Literature to farmers in training camps											270
Scientific farmer interaction	-	Kishangoshiand District Agri Fair											-
Farmers visit to VUTRC	-	Farmers visit to VUTRC for consultation about disease management and entrepreneurship											-
Animal Health Camp	-	All the Animal Health were organized with the help and collaboration of Animal Husbandry Dept.											-
Training	75	1466	233	1699	585	179	764				2051	412	2463
Celebration of important days	01	KisanDiwas were celebrated at Amerpura under MGMG											

5.2. Kisan mobile advisory (No. of farmers registered);Details of SMSs

Livestock & Fisheries Advisory	Kishan Mobile Advisory is routinely send from Director Extension Education to all the registered farmers of Veterinary University Training and Research Centre, Suratgarh.
Weather Advisory	
Market information	
Events information	
Inputs availability	
Others (specify)	
Total	

5.3 Detail of farm innovations along with farming innovation

- Name of farmer
- Title of innovations
- Description of innovation
- Practical utility
- Application of innovations
- Activities conducted for wide spread

PART VI – LINKAGE

9.1 Function linkages with different organizations

Sr. No.	Name of organizations	Nature of linkages
1	I-Grade Veterinary Hospital, Suratgarh	Involvement of V.O. in organizing VUTRC activities
2	Manager, AXIS Bank	Involvement in Animal Husbandry related training programmes
3	Range Officer, Forest Department	Involvement of Training and other activities
4	Aakaswani, Suratgarh	Involvement in Radio Talk
5	Saras Dairy, Suratgarh	Involvement in training programmes
6	Mahilaevum Baal VikaasVibhag, Suratgarh	Involvement in training programmes
7	Department of Agriculture	Involvement in training programmes
8	Department of Horticulture	Involvement in training programmes
9	ATMA (Agri. Tech. Manage. Agency)	Involvement in training programmes
10	Raj. State Seed Corporation	Involvement in training programmes



Note: The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, and participation in meeting, contribution received for infrastructural development, conducting training programmes and demonstration or any other

PART VII – FINANCIAL PERFORMANCE

10.1. Utilization of VUTRC funds during the year 2015-16 (Rs. In lakh)

S N	Particulars	Sanctioned	Released	Expenditure (Rs)
A. Recurring Contingencies				
1	Pay & Allowances			
2	Travelling allowances			
3	Contingencies			
A	Stationery, telephone, postage and other expenditure on running, publication of newsletter and library maintenance (Purchase of Newspaper 7 magazines)			
B	POL, repair of vehicles, tractor and equipments			
C	Meals/refreshment for trainees (ceiling upto Rs. 40/day/trainee be maintained)			
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			
E	Frontline demonstration except Oilseeds and pulses (minimum of 30 demonstration in a year)			
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			
G	Training of extension functionaries			
H	Maintenance of buildings			
I	Establishment of soil, plant & water Testing Laboratory			
J	Library			
TOTAL (A)				
B. Non-Recurring Contingencies				
1	Works			
2	Equipments including SWTL & Furniture			
3	Vehicle (Four wheeler/two wheeler, please specify)			
4	Library (Purchase of assets like books & journals)			
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

10.2. Status of revolving fund (Rs. In lakh) for the three years

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year
April 2016-17				

PART VIII- PUBLICATION, SUCCESS STORY

6.1. Literature Developed/Published (with full title, author& reference)

(A)VUTRC News Letter (Date of Start, Periodicity, number of copies distributed etc.)- Nil

(B) Literature developed/published

Item	Title	Authors name	Number of copies
Research papers	Nil		
Technical report	Nil		
Popular articles	Nil		
Leaflets / folders	Nil		
TOTAL			

6.2Details of Electronic Media Produced

Sr. No.	Type of media (CD /VCD /DVD /Audio-Cassette)	Title of the Programme	Number
01			
02			

6.3. Success Stories / Case Studies: VUTRC, Suratgarh in PashuplanNayeAayam

आर. एन. आई. नं. : RAJHIN/2013/59711
पौष्टिकतादि. नं. : बीकानेर/146/2013-17



पशु पालन नए आयाम

प्रसार शिक्षा निदेशालय
राजस्थान पशुचिकित्सा और पशु विज्ञान विश्वविद्यालय
बीकानेर



परिकल्पना एवं निर्देशन - प्रो. (डॉ.) कर्नल ए. के. गहलोत

खंड : 3
अंक : 8
बीकानेर, अप्रैल, 2016
मूल्य : ₹ 2.00

प्रसार शिक्षा निदेशालय, राजस्थान, बीकानेर
6
पशुपालन नए आयाम, अप्रैल, 2016

अपने विश्वविद्यालय को जानें

पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र सूरतगढ़ (श्रीगंगानगर)

वैटर्नरी विश्वविद्यालय द्वारा जिला स्तर पर पशुपालन अनुसंधान और नवीनतम तकनीक को गांधी-झापी तक पहुंचाने के उद्देश्य से श्रीगंगानगर जिले के सूरतगढ़ में पशुचिकित्सा एवं अनुसंधान केन्द्र की स्थापना की गई। वर्तमान में 11 हजार 532 वर्ग मीटर क्षेत्रफल में स्थापित इस भव्य केन्द्र में दो प्रयोगशाला कक्ष, एक प्रदर्शनी कक्ष 4 प्रशिक्षण हॉल सहित 6 अन्य कक्ष और एक प्रशिक्षणार्थियों के आवास की सुविधा है। वर्तमान में एक-एक सहायक प्राध्यापक, परियोजना सहायक, तकनीकी सहायक सहित दो सहायक कर्मिक कार्यरत हैं। केन्द्र द्वारा 1 अप्रैल, 2014 से अब तक कृषकों और पशुपालकों के लिए 76 विभिन्न प्रकार के वैज्ञानिक प्रशिक्षण कार्यक्रमों का आयोजन किया गया है। इनमें से 58 केन्द्र के बाहर प्रशिक्षण शामिल हैं। 3 कृषक दिवसों का आयोजन भी किया गया। जितने लगभग 2352 किसान एवं पशुपालक लाभान्वित हुए हैं। केन्द्र किसानों एवं पशुपालकों के बहुमुखी उत्थान हेतु जिले के विभिन्न विभागों जैसे की पशु चिकित्सा इकाई, कृषि विभाग, उद्यान विभाग, आत्म परियोजना, राज्य एवं केन्द्रीय बीज निगम, केन्द्रीय एकीकृत कीट प्रबंधन विभाग आदि के सहयोग से पिछले 2 वर्षों से प्रयासरत है। केन्द्र द्वारा जिले की स्थानीय समस्याओं को जानने के लिए सर्वेक्षण किया गया है। केन्द्र समय समय पर परिसर में एवं गांवों में जाकर प्रशिक्षण शिविर आयोजित करता है। केन्द्र ने मेरा गांव मेरा गौरव योजनांतर्गत अमरपुरा ग्राम को गोद लेकर ग्रामवासियों को पशु नस्ल सुधार, उन्नत पशुपालन, पशुपोषण एवं नवीनतम तकनीकों की जानकारीयां वितरण रूप से उपलब्ध करवाता है एवं ग्राम की प्रत्येक समस्या के निदान हेतु प्रयासरत है।



[illegible][illegible]

ग्रामीणों को दी स्वदेशी मोटरों के संरक्षण की जानकारी





11.1. External Aided Projects / Schemes : Nil

11.2. Any other activities worth mentioning:

Farmer-Scientists Interaction by VUTRC, Suratgarh



DIFFERENT TRAINING PROGRAMMES ORGANIZED BY VUTRC SURATGARH (off & On Campus)



**ANNEXURES****Annexure I – Date, title, venue and duration wise details of the training programmes for various clients****On-campus**

Duration (from-to)	Clientele	Discipline	Title of training programme	Duration (in days)	No. of other participants (Gen./OBC)			No. of SC/ST Participants			Total no. of participants		
					M	F	T	M	F	T	M	F	Total
05-07-2017	F & R.Y	A.H.	Youth on overview	01	19	03	22	04	02	06	23	05	28
11-07-2017	F & R.Y	A.H.	Dairy management	01	-	06	06	-	20	20	-	26	26
20/21-07-2017	E.P.	A.H.	Importance of mineral mixture in animals	01	28	-	28	05	-	05	33	-	33
09/10-08-2017	F & R.Y	A.H.	Management of small ruminants	01	25	-	25	11	-	11	36	-	36
28/29-08-2017	F & R.Y	A.H.	Dairy management	01	31	02	33	02	-	02	33	02	35
13/14-09-2017	F & R.Y	A.H.	Dairy management	01	13	-	13	24	-	24	37	-	37
02/03-11-2017	F & R.Y	A.H.	Importance of mineral mixture in animal feeding	01	18	-	18	10	-	10	28	-	28
01-01-2018	F & R.Y	A.H.	Importance of mineral mixture in animal feeding	01	10	-	10	15	-	15	25	-	25
08-01-2018	F & R.Y	A.H.	Vaccination and deworming in animals	01	-	-	-	39	-	39	39	-	39
03-01-2018	F & R.Y	A.H.	Dairy management	01	20	-	20	08	-	08	28	-	28
05-02-2018	F & R.Y	A.H.	Dairy production management	01	12	-	12	02	04	06	12	06	18
05-03-2018	E.P	A.H.	Goat farming	01	15	-	15	02	-	02	17	-	17
Grand Total				12	191	11	202	122	26	148	311	39	350

Off-campus

Date	Clientele	Discipline	Title of training programme	Duration (in days)	No. of other participants (Gen./OBC)			No. of SC/ST Participants			Total no. of participants		
					M	F	Total	M	F	Total	M	F	Total
06-04-2017	F & R.Y	A.H.	Importance of mineral mixture in animal feeding	01	20	-	20	13	03	16	33	03	36
11-04-2017	F & R.Y	A.H.	Vaccination and deworming in animals	01	07	09	16	01	03	04	08	12	20
18-04-2017	F & R.Y	A.H.	Breed conservation and improvement	01	21	03	24	05	01	06	26	04	30
19-04-2017	F & R.Y	A.H.	Role of feed and fodder in dairy	01	12	-	12	15	01	16	27	01	28
26-04-2017	F & R.Y	A.H.	Prevention of animals from various diseases	01	06	26	32	-	01	01	06	27	33
28-04-2017	F & R.Y	A.H.	Dairy production management	01	27	03	30	03	-	03	30	03	33
05-05-2017	F & R.Y	A.H.	Importance of mineral mixture in animals feeding	01	10	-	10	09	-	09	19	-	19
06-05-2017	F & R.Y	A.H.	Dairy production management	01	01	-	01	13	-	13	14	-	14



12-05-2017	F & R.Y	A.H.	Vaccination and deworming in animals	01	22	-	22	09	-	09	31	-	31
15-05-2017	F & R.Y	A.H.	Breed conservation and improvement	01	12	-	12	07	01	08	19	01	20
18-05-2017	F & R.Y	A.H.	Role of feed and fodder in dairy	01	12	16	28	07	05	12	19	21	40
20-05-2017	F & R.Y	A.H.	Anoestrous problem in dairy animal	01	17	-	17	14	-	14	31	-	31
22-05-2017	F & R.Y	A.H.	Prevention of animals from various diseases	01	18	01	19	13	-	13	31	01	32
27-05-2017	F & R.Y	A.H.	Nutritional management of milk cattle	01	15	03	18	09	05	14	24	8	32
07-06-2017	F & R.Y	A.H.	Importance of mineral mixture in animals	01	16	02	18	02	-	02	18	02	20
08-06-2017	F & R.Y	A.H.	Dairy production management	01	31	-	31	09	03	12	40	03	43
09-06-2017	F & R.Y	A.H.	Vaccination and deworming in animals	01	29	-	29	08	-	08	37	-	37
12-06-2017	F & R.Y	A.H.	Role of feed and fodder in dairy	01	27	-	27	-	-	-	27	-	27
17-06-2017	F & R.Y	A.H.	Anoestrous problem in dairy animal	01	30	-	30	-	-	-	30	-	30
19-06-2017	F & R.Y	A.H.	Prevention of animals from various diseases	01	18	02	20	02	-	02	20	02	22
07-07-2017	F & R.Y	A.H.	Importance of mineral mixture in animals	01	08	07	15	05	33	38	13	40	53
13-07-2017	F & R.Y	A.H.	Vaccination and deworming in animals	01	33	02	35	06	-	06	39	02	41
15-07-2017	F & R.Y	A.H.	Breed conservation and improvement	01	08	08	16	05	02	07	13	10	23
17-07-2017	F & R.Y	A.H.	Role of feed and fodder in dairy	01	14	01	15	17	-	17	31	01	32
22-07-2017	F & R.Y	A.H.	Prevention of animals from various diseases	01	17	30	47	-	05	05	17	35	52
24-07-2017	F & R.Y	A.H.	Nutritional management of milk cattle	01	12	07	19	22	09	31	34	16	50
25-07-2017	F & R.Y	A.H.	Dairy products and management	01	13	--	13	06	--	06	19	--	19
08-08-2017	F & R.Y	A.H.	Importance of mineral mixture in animals	01	06	--	06	---	-	--	06	--	06
14-08-2017	F & R.Y	A.H.	Vaccination and deworming in animals	01	09	--	09	07	-	07	16	-	16
17-08-2017	F & R.Y	A.H.	Anoestrous problem in dairy animal	01	14	22	36	01	-	01	15	22	37
19-08-2017	F & R.Y	A.H.	Prevention of animals from various diseases	01	29	-	29	07	-	07	36	-	36
01-09-2017	F & R.Y	A.H.	Importance of mineral mixture in animals	01	26	-	26	03	-	03	29	-	29
06-09-2017	F & R.Y	A.H.	Vaccination and deworming in animals	01	30	-	30	01	-	01	31	-	31
08-09-2017	F & R.Y	A.H.	Anoestrous problem in dairy animal	01	-	07	07	-	34	34	-	41	41
16-09-2017	F & R.Y	A.H.	Role of feed and fodder in dairy	01	33	--	33	04	-	04	37	-	37
19-09-2017	F & R.Y	A.H.	Anoestrous problem in dairy animal	01	14	04	18	06	02	08	20	06	26
04-10-2017	F & R.Y	A.H.	Importance of mineral mixture in animals	01	16	-	16	02	--	02	18	-	18
28-10-2017	F & R.Y	A.H.	Role of feed and fodder in dairy	01	33	04	37	04	-	04	37	04	41
30-10-2017	F & R.Y	A.H.	Anoestrous problem in dairy animal	01	14	-	14	07	-	07	21	-	21
10-11-2017	F & R.Y	A.H.	Vaccination and deworming in animals	01	25	-	25	07	-	07	32	-	32



13-11-2017	F & R.Y	A.H.	Anoestrous problem in dairy animal	01	32	-	32	03	-	03	35	-	35
18-11-2017	F & R.Y	A.H.	Prevention of animals from various diseases	01	29	01	30	---	-	-	29	01	30
27-11-2017	F & R.Y	A.H.	Breed conservation and improvement	01	18	-	18	07	05	12	25	05	30
06-12-2017	F & R.Y	A.H.	Importance of mineral mixture in animals	01	29	02	31	01	-	01	30	02	32
07-12-2017	F & R.Y	A.H.	Vaccination and deworming in animals	01	11	06	17	07	14	21	18	20	38
16-12-2017	F & R.Y	A.H.	Anoestrous problem in dairy animal	01	11	07	18	12	-	12	23	07	30
20-12-2017	F & R.Y	A.H.	Role of feed and fodder in dairy	01	22	04	26	04	-	04	26	04	30
23-12-2017	F & R.Y	A.H.	Goat farming	01	20	17	37	09	05	14	29	22	51
29-12-2017	F & R.Y	A.H.	Breed conservation and improvement	01	20	02	22	20	05	25	40	07	47
05-01-2018	F & R.Y	A.H.	Role of feed and fodder in dairy	01	20	-	20	25	-	25	45	-	45
10-01-2018	F & R.Y	A.H.	Prevention of animals from various diseases	01	23	15	38	14	01	15	37	16	53
24-01-2018	F & R.Y	A.H.	Importance of mineral mixture in animals	01	32	02	34	11	-	11	43	02	45
25-01-2018	F & R.Y	A.H.	Prevention of animals from various diseases	01	39	-	39	11	-	11	50	-	50
02-02-2018	F & R.Y	A.H.	Importance of mineral mixture in animals	01	16	-	16	16	03	19	32	03	35
16-02-2018	F & R.Y	A.H.	Vaccination and deworming in animals	01	47	-	47	--	-	-	47	-	47
17-02-2018	F & R.Y	A.H.	Breed conservation and improvement	01	22	04	26	01	05	06	23	09	32
21-02-2018	F & R.Y	A.H.	Role of feed and fodder in dairy	01	28	-	28	13	-	13	41	-	41
23-02-2018	F & R.Y	A.H.	Anoestrous problem in dairy animal	01	26	-	26	04	01	05	30	01	31
27-02-2018	F & R.Y	A.H.	Prevention of animals from various diseases	01	32	-	32	11	-	11	43	-	43
07-03-2018	F & R.Y	A.H.	Vaccination and deworming in animals	01	19	05	24	01	-	01	20	05	25
09-03-2018	F & R.Y	A.H.	Role of feed and fodder in dairy	01	15	-	15	17	03	20	32	03	35
15-03-2018	F & R.Y	A.H.	Importance of mineral mixture in animals	01	43	-	43	09	-	09	52	-	52
16-03-2018	F & R.Y	A.H.	Breed conservation and improvement	01	16	-	16	18	03	21	34	03	37
Grand total				63	1275	222	1497	463	153	616	1738	375	2113

KishanGosthi/Diwas:

Date	Clientele	Discipline	Duration (in days)	No. of other participants (Gen./OBC)			No. of SC/ST Participants			Total no. of participants		
				M	F	Total	M	F	Total	M	F	Total
14-07-2017	F & R.Y	A.H.	01	59	30	89	07	04	11	66	34	100
10-10-2017	F & R.Y	A.H.	01	43	37	80	07	11	18	50	48	98
14-03-2018	F & R.Y	A.H.	01	32	07	39	07	02	09	39	09	48
Grand Total			03	134	74	208	21	17	38	155	91	246



VUTRC, SURATGARH
Future Plan 2016-17 (Tentative)

Trainings On/Off Campus

Discipline	No. of courses			No. of total trainings
	F/FW	RY	EP	
On-Campus	10	10	10	30
Off-Campus	10	10	10	30
Total	20	20	20	60

F=FARMER, FW= FARM WOMEN, RY = RURAL YOUTH, EP = EXTENSION PERSONNEL

On campus:

Discipline	No. of courses			No. of total trainings
	F/FW	RY	EP	
ANIMAL HUSBANDRY	6	6	6	18
FISHERIES	2	2	2	06
MISCELLANEOUS	2	2	2	06
TOTAL	10	10	10	30

Off campus:

Discipline	No. of courses			No. of total trainings
	F/FW	RY	EP	
ANIMAL HUSBANDRY	8	8	8	24
MISCELLANEOUS	2	2	2	06
TOTAL	10	10	10	30

Long duration Vocational Training

Discipline	Title of program	Duration (Days)	Date	No. of participants	Type of participants
ANIMAL SCIENCE	Dairy management	3	May-June 15	20/ Training	PF
	Artificial Insemination	6	Aug.-Oct.15	20/ Training	ESG & RY

PF= Progressive Farmers, ESG= Educated Science Graduate, RY= Rural Youth

On Campus Training:

S N	Title of Training	Discipline	Month	Duration	Participants No.
	(A) Farmers & Farm Women				
1.	Animal Management at different stages	A.H.	April	2	30
2.	Nutritional Management for Milk Cattles	A.H.	April	2	30
3.	Sheep and Goat Farming	A.H.	May	2	30
4.	Prevention of Animals from Various Diseases	A.H.	May	2	30
5.	Integrated Fish Farming	Fisheries	June	2	30
6.	Training on Animal Farming and its Management	A.H.	June	2	30
7.	Breed Conservation and Improvement	A.H.	July	2	30
8.	Clean Milk Production and Animal Health	A.H.	July	2	30
9.	Create Awareness about Cattle Disease Management	A.H.	August	2	30
10.	Role of Feed and Fodder in Dairy	A.H.	August	2	30
11.	Clean Milk Production & Animal Health	A.H.	Sept.	2	30
12.	Miscellaneous		Sept.	2	30
	(B) Rural Youth				
13.	Animal Management at Different Stages	A.H.	Oct.	2	30
14.	Vermi-Culture	C.P.	Nov.	2	30
15.	Miscellaneous		Dec.	2	30



S N	Title of Training	Discipline	Month	Duration	Participants No.
	(C) Extension Personnel				
16.	Dairy Management	A.H.	Jan.	2	30
17.	Miscellaneous		Feb.	2	30
Total :-				34	510

Off Campus Trainings:

SN	Title of Training	Discipline	Month	Duration	Participants No.
	(A) FARMERS & FARM WOMEN				
1.	Nutritional Management for Milch cattle	A.H.	April	1	30
2.	Dairy Management	A.H.	April	1	30
3.	Prevention of animals from various diseases	A.H.	May	1	30
4.	Breed improvement	A.H.	May	1	30
5.	Clean milk production and animal health	A.H.	June	1	30
6.	Create awareness about cattle disease management	A.H.	June	1	30
7.	Fish pond management	Fisheries	July	1	30
8.	Breed conservation and improvement	A.H.	August	1	30
9.	Importance of mineral mixture in animal feeding	A.H.	August	1	30
10.	Integrated fish farming	Fisheries	Sept.	1	30
11.	Anoestrous problems in dairy animals	A.H.	Sept.	1	30
12.	Nutritional Management for milk cattle	A.H.	Oct.	1	30
13.	Dairy Management	A.H.	Oct.	1	30
14.	Nutritional Management for Milch cattle	A.H.	Oct.	1	30
15.	Importance of mineral mixture in animal feeding	A.H.	Nov.	1	30
16.	Poultry production	A.H.	Nov.	1	30
17.	Role of feed and fodder in dairy	A.H.	Nov.	1	30
18.	Prevention of animals from various diseases	A.H.	Dec.	1	30
19.	Importance of mineral mixture in animal feeding	A.H.	Dec.	1	30
20.	Nutritional Management for milch cattle	A.H.	Dec.	1	30
21.	Dairy Management	A.H.	Jan.	1	30
22.	Vermi-culture	A.H.	Jan.	1	30
23.	Vaccination and deworming in animals	A.H.	Jan.	1	30
24.	Miscellaneous		Feb.	1	30
	(B) RURAL YOUTH				30
25.	Role of feed and fodder in dairy	A.H.	Feb.	1	30
26.	Vermi-culture	A.H.	Feb.	1	30
27.	Importance of mineral mixture in animal feeding	A.H.	March	1	30
28.	Poultry production	A.H.	March	1	30
29.	Dairy Management	A.H.	March	1	30
30.	Miscellaneous		July	1	30
	(C) EXTENSION PERSONNEL				30
31.	Importance of mineral mixture in animal feeding	A.H.	August	1	30
32.	Miscellaneous		Sept.	1	30
Total :-				32	960

Special: Fish Production training programmes at district level as well as fish production in diggies. Agriculture Technology Management Agency (ATMA), RastriyaKrishiVikasYojna (RKVY), etc. activities will be done as per directives from Directorate of Extension Education, RAJUVAS, Bikaner.



FRONT LINE DEMONSTRATIONS

Particular	No. of Demonstrations
Enterprise	
(a) Mineral Mixture	As many as possible
(b) Deworming	As many as possible
(c) Miscellaneous	As many as possible

OTHER EXTENSION ACTIVITIES

Activity	Proposed No.
Field days	5
Farmers day / Vichargosthi/ KishanGosthi	5
Scientist farmer interaction	2
Lectures to be delivered in other programmes	As per need
Campaigns	2
Animal Health Camp	10
Radio talks*	As many as possible
TV/Film show	As many as possible
News paper coverage	Where any event take place
Technology Transfer Clubs	Whenever new technology received

* Community listening "DheeneRi Bata" programme of RAJUVAS broadcasted from all the centres of AIR Rajasthan.

Veterinary University Training & Research Centre (VUTRC), Churu

Annual Progress Report (1 April 2017 to March 31, 2018)



DIRECTORATE OF EXTENSION EDUCATION
Rajasthan University of Veterinary and Animal Sciences,
Bikaner-334001



DIRECTORATE OF EXTENSION EDUCATION
RAJASTHAN UNIVERSITY OF VETERINARY & ANIMAL SCIENCES, BIKANER
RAJASTHAN UNIVERSITY OF VETERINARY &
ANIMAL SCIENCES, BIKANER

1. Project Title - Veterinary University Training & Research Centre (VUTRC)
2. Location - Churu
3. Area of Jurisdiction - Churu District
4. Date of Sanction -
5. Date of Commencement - 23 June 2014
of VUTRC Churu
6. Period of Report - 1st April 2017 to 31st March 2018
7. Principle Investigator - Professor (Dr) A. P. Singh, Director
DEE, RAJUVAS, BIKANER

DIRECTORATE OF EXTENSION EDUCATION
RAJASTHAN UNIVERSITY OF VETERINARY & ANIMAL SCIENCES, BIKANER
Annual Report (2017-2018)

1. General Information about Churu District
a. Map of Churu District



Churu is a city in the desert region of Rajasthan state of India. It is known as gateway to the Thar Desert of Rajasthan. It is the administrative headquarters of Churu District. It lies in the Thar Desert on the National Highway-65 connecting Pali to Ambala and is a junction station on the railway line to Bikaner. It is near the shifting sand dunes of the Thar Desert and has grand havelis with marvelous fresco paintings, namely Kanhaiya Lal Bagla ki Haweli and Surana Haweli, with hundreds of small windows. It also has some fine Chhatris. Near the town is a religious seat of the Nath sect of Sadhus where there are life-size Marble statue of their deities and a place for prayers. There stands a Dharam Stup, a symbol of religious equality. At the centre of the town is a fort built about 400 years ago.

Founded in A.D. 1620 by rajputs, RAJPUTS OF NIRBAN CLAN were the founder. Churu, like an oasis, situated in the middle of the shifting golden sand dunes, opens the gate to the great desert of Thar. Geographically, it lies in 28°18'N latitude and 74°58'E longitude. Administratively, it is the headquarters of the Churu District., The temples of Salasar Balaji & Babosa Maharaj Churu, DADREWA the birthplace of GOGA JI and Baba Phoolnath Temple NAWA are situated in the Churu district.

b. Geography position

Churu is located at 28.30°N 74.95°E. It has an average elevation of 292 m (958 ft). Churu is a district with an enchanting topography amidst the Thar Desert. The Churu City is encircled by large shifting sand dunes. The area is scanty in vegetation. Phoge and Kair bushes and Khejri/Khejra (*Prosopis cineraria*), Royara and Babul trees are to be mainly found on the sand dunes. In the towns Neem and Peepal and Siras trees can also be noticed. One can find Sand dunes all over the area with a couple of small limestone hills.

The region boasts record temperatures ranging from below freezing point in the winters to over 50 degrees in the summer afternoons. Before dawn in the months of December/January, one may not be surprised to notice ice in small waterpots or frozen water dews on



the little vegetation. Yet one may find that summer nights are cooler and winter days are warmer. There is a great variation in minimum and the maximum temperature of Churu.

c. Tehsils/Gram Panchayats/ Villages in Churu

There are 7 Tehsils (Churu, Rajgrh, Ratangarh, Sardarsahar, Sujangarh, Taranagar and Bidasar), 249 Gram Panchayats and 909 Villages in district Churu.

1	Tehsils	7
2	Gram Panchayats	249
3	Villages	909

d. Churu District Population 2011

Description	2011
Actual Population	2,039,547
Male	1,051,446
Female	988,101
Population Growth	6.01%
Area Sq. Km	13,835
Density/km ²	147
Proportion to Rajasthan Population	2.98%
Sex Ratio (Per 1000)	940
Average Literacy	66.75
Male Literacy	78.78
Female Literacy	54.04
Literates	1,149,269
Male Literates	696,729
Female Literates	452,540

Description	Rural	Urban
Population (%)	71.75 %	28.25 %
Total Population	1,463,312	576,235
Male Population	755,028	296,418
Female Population	708,284	279,817
Sex Ratio	938	944
Literates	791,499	357,770
Male Literates	486,256	210,473
Female Literates	305,243	147,297
Average Literacy	64.40%	72.61%
Male Literacy	76.95%	83.38%
Female Literacy	51.12%	61.30

e. Status of livestock and poultry population in district (Livestock census 2012)

Species		Churu	State
Cattle	Exotic/C.B.	32018	1735072
	Indigenous	315452	11589390



	Total Cattle	347470	13324462
Buffalo		292571	12976095
Sheep		348522	9079702
Goat		820043	21665939
Horses & Ponies		824	37776
Mules		179	3375
Donkeys		5063	81468
Camel		33959	325713
Pig		1202	237674
Livestock		1849833	57732204
Poultry At Backyard		65213	3033212
Poultry At Farm		484394	4991212

f. District agriculture profile (Census of Agriculture=2010-11)

1	Total area	1385898 hectare
2	Forest cover	6616 hectare
3	Non agriculture land	65849 hectare
4	Cultivable barren land	103330 hectare
5	Average land holding (Hect.)	1.95
6	% of Net Irrigated Area to Net Area Sown	7.27
7	% of Gross Irrigated Area to Gross Area Sown	7.61
8	% of Forest area to reporting area	5.85
Major crop production		
A	Wheat	60,654 tonnes
B	Rapeseed and Mustard	24,705 tonnes
C	Pulses	9,594 tonnes
D	Gram	316 tonnes
E	Bajra	2545467 tonnes

2. General Information about the VUTRC, Churu

a. Name and Address of VUTRC with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
VUTRC, A-42, Near Godara Provision store, Aggarsain Nagar, Churu-331001	01562250584	-	vutrcchuru.rajukas@gmail.com

b. Name and address of host organization with phone, fax and e-mail

Address	Telephone		Email
	Office	Fax	
DEE, RAJUVAS, Bikaner	+91151-2200505	+91151-2549348	deerajukas@gmail.com

**c. Name of the Programme Investigator with phone & mobile No.**

Name	Telephone / Contact		
	Residence	Mobile	Email
Prof. (Dr.) A. P. Singh	-	09414139188	deerajuv@gmail.com

e. Staff Position (1, April, 2018)

Name of Post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs)	Date of joining	Permanent / Temporary	Category (SC/ST/OBC/Others)
Project Investigator							
Assistant Professor	Dr. Atul Shankar Arora	Assistant Professor	Veterinary & A.H. Extension	(15600-39100)	05-12-2017	Permanent	GEN
Teaching Associate	Dr. Sushil Kumar Meena	Teaching Associate	Veterinary Anatomy	40000 Fixed	01-04-2017	Temporary	ST
Teaching Associate	Dr. Subhash Kumar	Teaching Associate	Animal Nutrition	40000 Fixed	04-01-2018	Temporary	OBC
Technical Staff	Live Stock Assistant	Live stock Assistant	Diploma	12884	10-12-2014	Temporary	OBC
Supportive Staff	Supportive Staff	Skilled	-	6000	20-03-2016	Temporary	SC

3. Objectives of VUTRC

- To impart training on the felt need of the end users, practicing farmers and officers of the line departments.
- To act as a two way channel between University and the farmers to identify the field based livestock and poultry problems and also to pass on the remedial measures.
- To conduct on farm trial on the latest research findings of the University and field oriented problems specific to the area.
- Survey of bacterial, viral and parasitic diseases to formulate the schedule of vaccination and deworming.
- To ensure an immediate and thorough diagnosis of disease in the event of an outbreak with special emphasis on disease reporting system.
- To motivate and encourage in establishing livestock and poultry farms for self-employment by the local farmers.
- To collaborate with State and Central sponsored rural development programmes.
- To develop and maintain data base on livestock / Poultry in the area.
- To carryout short term need based location specific projects.



4. Infrastructural Development

a. Buildings- Rented Building

Name of Building	Source of funding	Stage					
		Complete			Incomplete		
		Completion Date	Plinth area (Sq. m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq. m)	Status of construction

b. Vehicle:- Rented vehicle on contract basis

Type of Vehicle	Year of Purchase	Cost (Rs)	Total hours runs	Present status

c. Equipment's and AV aids purchased reporting period:

Name of equipment	Year of purchase	Number	Cost (Rs.)	Source of funding	Present status
HP Computer Core i-7 (HP-8300)	-	1	58,170/-	RKVY	Working
HP All-in-One Multifunctional Printer	-	1	18,312/-	RKVY	Working
Digital camera (Canon)	-	1	14706/-	RKVY	Working
Monitor LED 40 Inches	-	1	44,437.50	RKVY	Working

d. Scientific Advisory committee (SAC) Meeting conducted:

5. Technical Achievements

1 Surveys reports:

- Survey completed.

2 Trainings:

1. Off Campus training

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April-2017	06	205	04	209
May -2017	06	206	01	207
June-2017	06	180	09	189
July-2017	07	216	08	224
August-2017	06	202	08	210
September-2017	04	123	12	135
October-2017	05	151	01	152
Novemembr-2017	05	149	18	167
December-2017	07	238	32	270
January-2018	08	261	16	277
February-2018	06	185	15	200
March-2018	05	146	19	165



2. Vichargosthi

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April-2017	-	-	-	-
May -2017	-	-	-	-
June-2017	01	21	00	21
July-2017	-	-	-	-
August-2017	01	31	00	31
September-2017	01	25	00	25
October-2017	-	-	-	-
Novemembr-2017	01	21	00	21
December-2017	-	-	-	-
January-2018				
February-2018	01	21	00	21
March-2018	-	-	-	-

3. Farmer Scientist Interaction

Period	No. of Activity	No. of Participants		
		Male	Female	Total
January-2018	01	21	00	21
February-2018	01	24	00	24
March-2018	01	22	00	22

4. Field day (If any)

Period	No. of Activity	No. of Participants		
		Male	Female	Total
February-2018	01	22	00	22
March-2018	-	-	-	-

5. Other activities- Lecture taken in other department (If any, other than 1 to 7)

Period	No. of Activity	No. of Participants		
		Male	Female	Total
September-2017	01	124	00	124

6. Participation in Conference/ Symposium/Workshop/Meetings/ Trainings/ Other:-

- A). Dr. Rajesh Singathia attended jajam baithak at GRAM Kota from 24-05-17 to 26-05-17
- B). Dr. Rajesh Singathia and Dr. Sushil Kumar Meena attended 4th Extension council meeting at Bikaner on 18-06-2017.
- C). Dr. Rajesh Singathia and Dr. Sushil Kumar Meena went to ratangarh on 22-06-17 for the layout mark of Ratangarh land.
- D). Dr. Rajesh Singathia went to Bikaner (1-8-17, 9-8-17 to 10-8-17) for finalizing the list of equipment and glasswares etc.
- E). Dr. Rajesh Singathia and Dr. Sushil Kumar Meena went to Bikaner (6-9-17) for attend the meeting.

F). Dr. Rajesh Singathia went to Rajgarh for taking the exam of AHDP from 3-10-17 to 7-10-17.

G). Dr. Sushil Kumar Meena went to Bikaner For Attend the Krishi and Pashu Vigyan Mela at RAJUVAS, Bikaner on 6th October 2017.

H). Dr. Sushil Kumar Meena Participant in the Fair at Churu and arrange exhibition stall with animal husbandry department.

7. Research paper published in International and National Journals:-

8. Popular article Published:-

1. Rajesh Singathia and Sushil Kumar Meena (February 2018). PPR in goat. Pashu Palan Naye Ayam. PP.4



पशुपालन और जैविक खेती का संयोजन रहा लाभकारी

भुरू जिले के राजगढ़ तहसील की ग्राम सभा के प्रतिनिधित्व पशुपालक राजेन्द्र पुत्र रामसिंह सोनी पशुपालन के साथ जैविक खेती के प्रति काफी राजग हैं। वैदिक तक पड़े राजेन्द्र एक साधारण किसान परिवार से सम्बन्ध रखते हैं। राजेन्द्र शुरू में केवल अपने घर की जरूरतों के अनुसार पशुपालन करते थे लेकिन कृषि वर्षों पर निर्भर होने के कारण अधिक पैसावार नहीं हो पाती। इसलिए उन्होंने खेती के साथ-साथ पशुपालन को भी जैविक स्थिति मजबूत करने का आधार समझ कर कार्य शुरू किया। इन्होंने वर्ष 2010 में बड़ौदा बैंक से एक लाख सतर हजार का ऋण लेकर तीन दुधारू पशुओं से व्यवसाय की शुरुआत की। राजेन्द्र वर्ष 2014 में पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान इन्ड शुरू के सम्पर्क में आये। समय पर पशुपालन की उन्नत तकनीकों की जानकारी लेकर वैज्ञानिक प्रशिक्षणों में भाग लिया। वर्तमान में राजेन्द्र के पास कुल 22 पशु हैं जिसमें चार बुरीह नरल की मैंस और पांच माये शामिल हैं। जिससे लगभग 80 लीटर दूध का उत्पादन प्रतिदिन ले रहे हैं। वर्तमान में पशुपालन से इगर्जी लगभग 45 हजार रुपये मासिक आय है।

राजेन्द्र की समझ में आ गया कि कृषि व पशुपालन के उचित संयोजन से जैविक स्वावलम्बन व सुखद जीवनयापन सम्भव है। उन्हीं पशुओं से मिलने वाली गोबर की खाद को प्रमीकम्पोस्ट बनाकर खेत में उपयोग लेने के भी सार्थक परिणाम मिले। वे खेती और पशुपालन के साथ-साथ चूम्बे (कृष्ण फाल) के बीज की जीवविज्ञ भी तैयार करते हैं जो पशु स्वास्थ्य के साथ-साथ मनुष्यों के लिए भी काफी लाभदायक है। राजेन्द्र ने वर्ष 2014 में तहसील स्तर पर आत्मा परियोजना के अन्तर्गत विज्ञान पुरस्कार प्राप्त किया। वर्ष 2016 में पंचायत समिति राजगढ़, जिला भुरू ने उनके द्वारा पशुपालन के क्षेत्र में उल्लेखनीय कार्य करने पर पशुपालन सम्मान समारोह के अन्तर्गत पंचायत समिति स्तरीय पुरस्कार से सम्मानित किया गया। सितम्बर 2017 में पशु पालन विभाग भुरू द्वारा नेशनल लार्डपस्टीक मिशन के अन्तर्गत आयोजित पशु प्रदर्शनी व पशु प्रतियोगिता में भाग लिया। इन्हीं कृषक मित्र का सहभागिता प्रमाण-पत्र भी दिया गया है।



राजेन्द्र सोनी
सदरक, राजगढ़, भुरू
मो. 9799732675





Livestock Farmer's Training Detail

April 2017 To March 2018

S.No	Name of Village	Date of Training	Male	Female
1	Binjawas	12-4-17	35	2
2	Sadau	13-4-17	41	-
3	Lohsana Chhota	18-4-17	34	-
4	Ghanaau	22-4-17	31	-
5	Joglia	25-4-17	32	2
6	LutaanaPurn	28-4-17	32	-
7	Ratanpura	12-05-17	24	-
8	Boontia	15-05-17	39	1
9	Bhamasi	19-05-17	32	-
10	Chainpura Chhota	23-05-17	34	-
11	Khayali	27-05-17	44	-
12	Ragha Bari	29-05-17	33	-
13	Galar	13-06-17	40	-
14	Derajsar	15-06-17	27	1
15	Narwasi	17-06-17	39	-
16	Harpaloo	21-06-17	22	8
17	Dhani Mauji	24-06-17	24	-
18	Dhanapatta Satyu	28-06-17	28	-
19	DhaniDungar Singh Pura	1-7-17	32	-
20	Dhandhal Iekhoo	11-7-17	26	2
21	Udasar	18-7-17	30	-
22	Khandwa Patta	19-7-17	33	-
23	Ghumanda	22-7-17	28	4
24	Daudsar	26-7-17	34	2
25	Asalkheri	29-7-17	33	-
26	Dhadhar	5-8-17	28	-
27	Kangar	9-8-17	37	-
28	Dhigarala	22-8-17	36	-
29	Sangasar	24-8-17	31	8
30	Satyu	26-8-17	40	-
31	Sarsar	30-8-17	30	-
32	KalanaTaal	5-9-17	36	6
33	Bairasar Chhota	8-9-17	28	-
34	Kusumdesar	11-9-17	30	-
35	Lambor Badi	13-9-17	29	6
36	Parsaneu	10-10-17	35	-
37	Moleesar Bara	11-10-17	27	1
38	Jaisangsar	25-10-17	32	-
39	Depalsar	27-10-17	27	-
40	Suratpura	30-10-17	30	-



41	Gogtia Charnan	10-11-17	27	1
42	Lutana magni	18-11-17	39	11
43	Dhani Kumharaan	23-11-17	27	-
44	Ratansara	24-11-17	28	1
45	Beeslan	28-11-17	28	5
46	Paharsar	8-12-17	40	-
47	Depalsar	11-12-17	25	09
48	Balera	12-12-17	37	03
49	Lasedi	13-12-17	40	-
50	Alayla	16-12-17	31	08
51	Nainasar	22-12-17	28	12
52	Phoga bharthari	23-12-17	37	-
53	Bardadas	06-01-18	33	-
54	Lutana raju	09-01-18	17	13
55	Seowa	11-01-18	40	-
56	Sarsar	16-01-18	36	-
57	Rirkhala	20-01-18	36	-
58	Bhagela	22-01-18	38	-
59	Depalsar	23-01-18	21	03
60	Naiyasar	24-01-18	40	-
61	Ladria	07-02-18	30	01
62	Untwaliya	08-02-18	27	01
63	Khasoli	09-02-18	23	07
64	Lalasar	12-02-18	40	00
65	Barjangsar	17-02-18	31	05
66	Charla	23-02-18	34	01
67	Badki	07-03-18	28	06
68	Ramsara	12-03-18	27	02
69	Depalsar	13-03-18	23	11
70	Gulpura	14-03-18	40	00
71	Jilly	15-03-18	28	00

Livestock Farmers Participated in the Trainings (1st April 2017 to 31st March 2018)

Total Livestock Farmer's participated in 71 (SEVENTY ONE) Trainings= 2405

Average No. of Livestock Farmers Participated/ Training= 34

LIVESTOCK FARMER'S TRAINING AT VILLAGES OF CHURU DISTRICT





Farmer Scientist Interaction -2017-18

Detail of Farmer Scientist Interaction Churu District 2017-18

S. No.	Name of Village	Date	No. of farmers
1	Sarothia	29-01-18	21
2	Bhagela	27-02-18	24
3	Bandhnau	08-03-18	22

Total No. of farmers contacted= 67



Mera Gaon Mera Gaurav- 2017-2018

As per the guideline of ICAR, and as per instruction of DEE, RAJUVAS, under Mera Gaon Mera Gaurav VUTRC Churu had selected and adopt village Depalsar in Churu tehsil of Churu district. The main purpose is to identify the basic needs and to provide knowledge about improved practices of veterinary and animal sciences. For this baseline survey of village Depalsar was already completed and monthly one visit was carried out by VUTRC Churu. During this, Ghosthis were organized, on Farm Visit conducted and consultancy services provided to the farmers of Depalsar village.

Detail of ghosthis in Rangpur village under MGMG- 2016-2017

S. No.	Name of MGMG Selected Village	Date of Visit/ Extn Work/ Ghosthis	No. if farmer's contacted
1	Depalsar	30-6-17	21
2	Depalsar	29-8-17	31
3	Depalsar	1-9-17	25
4	Depalsar	20-11-17	21
5	Depalsar	14-02-18	21

Total No. of Farmers contacted= 119



Field Day -2017-2018

Detail of Field Day Churu District 2017-18

S. No.	Name of Village	Date	No. of farmers
1	Nainasar	28-02-18	22

Total No. of farmers contacted= 22



Other activities:- Fair at Churu





Veterinary University Training & Research Centre (VUTRC), Ajmer

Annual Progress Report (1 April 2017 to March 31, 2018)



DIRECTORATE OF EXTENSION EDUCATION
Rajasthan University of Veterinary and Animal
Sciences, Bikaner-334001

UNIVERSITY OF VETERINARY & ANIMAL SCIENCES, BIKANER

1. **Project Title:-** Veterinary University Training & Research Centre. (VUTRC)
2. **Location:-** Ajmer
3. **Area of Jurisdiction:-** Ajmer District
4. **Date of Sanction:-**
5. **Date of Commencement of VUTRC:-** 7th Feb. 2015.
6. **Period of Report:-** 1st April 2017 to 31st March 2018.
7. **Programme Coordinator:-** Professor (Dr) A. P. Singh,

DEE, RAJUVAS, BIKANER

MAP OF AJMER DISTRICT





BACKGROUND INFORMATION OF THE AJMER DISTRICT

Ajmer is the fifth largest city in the Indian state of Rajasthan and is the centre of the eponymous Ajmer District. The city is located at a distance of 135 km from the state capital Jaipur and 391 km from the national capital New Delhi.

Ajmer is surrounded by the Aravalli Mountains. It is a pilgrimage centre for the shrine of the Sufi Saint Khwaja Moinuddin Chishti and is also the base for visiting Pushkar (11 km), an ancient Hindu pilgrimage city, famous for the temple of Brahma. Prithviraj Chauhan (1149–1192 CE), of the Chauhan dynasty, ruled Ajmer along with Delhi during the latter half of the 12th century. He succeeded to the throne at the age of 13, and ruled from the twin capitals of Ajmer and Delhi, and was the last independent Hindu king to sit upon the throne of Delhi.

Ajmer has been selected as one of the heritage cities for HRIDAY - Heritage City Development and Augmentation Yojana scheme of Government of India. ^[2]According to Rajputana Gazetteer, Ajmer was held by Chechi Gurjars until about 700 years ago. Ajmer, earlier known as 'Ajayameru' was founded in the late 7th century A.D. by Ajayraj Singh Chauhan. Chauhan clan is a branch of Rajputs. The Chauhan dynasty ruled Ajmer in spite of repeated invasions by Turkic Muslim armies from Central Asia across the north of India. Ajmer was conquered by Muhammad of Ghor, founder of the Delhi Sultanate, in 1193. However, the Chauhan rulers were able to gain autonomy upon the payment of a heavy tribute to him. Ajmer regained independence under the ruler of Mewar in 1365. In 1509, control of Ajmer was disputed between the Maharajas of Mewar and Marwar until it was conquered by the Marwar in 1532. In 1553, the state was ruled by the Hindu Emperor Hem Chandra Vikramaditya, popularly known as Hemu, who was killed in 1556 in the Second Battle of Panipat. The city was conquered by the Mughal emperor Akbar in 1559. In the early 1700s century, control passed to the Marathas. In 1818 the British forced the Marathas to cede the city for 50,000 rupees, whereupon it became part of the Province of Ajmer-Marwar in the colonial British Raj. It consisted of the districts of Ajmer and Merwara, and were physically separated by the territory of the Rajputana Agency. Ajmer-Marwar was directly administered by the British Raj, by a commissioner who was subordinate to the Governor-General's agent for Rajputana. Ajmer-Marwar remained a province of India until 1950, when it became the Ajmer State. Ajmer state became part of Rajasthan state on 1 November 1956.

Ajmer is surrounded by the Aravalli Mountains. The city is sited on the lower slopes of the Taragarh Hill in the Aravalli Range. It is situated almost in the centre of Rajasthan. To the north of the city is a large artificial lake, called Anasagar with a marble structure known as



Baradari. Ajmer is protected from the Thar desert by the massive rocks of Nagpathar range. Ajmer is also antipodal to the Chilean remote island of Isla Sala y Gómez.

Ajmer has a hot semi-arid climate with over 55 centimetres (25.4 in) of rain every year, but most of the rain occurs in the Monsoon months, between June and September. Temperatures remain relatively high throughout the year, with the summer months of April to early July having an average daily temperature of about 30 °C (86 °F). During the monsoon there are frequent heavy rains and thunderstorms but flooding is not a common occurrence. The winter months of November to February are mild and temperate with average temperatures ranging from 15–18 °C (59–64 °F) with little or no humidity. There are, however, occasional cold weather fronts that cause temperatures to fall to near freezing levels.

a. Tehsils/Gram Panchayats/ Villages in District

S.No	Head	No.	Details
1.	SUBDIVISION	10	Ajmer, Nasirabad, Puskar, Kekari, Kishangarh, Masuda, Pisangan, Byawar, Sarwad, Bhinay
2.	TEHSIL	16	Ajmer, Nasirabad, Puskar, Kekari, Kishangarh, Masuda, Pisangan, Byawar, Sarwad, Tantoti, Bhinay, Rupangarh, Tadgarh, Arai, Savar, Vijai Nagar
3.	PANCHAYAT SAMITI	9	Kekari, Masuda, Pisangan, Sarwad, Bhinay, Kishangarh(Silora), Arai, Javaja, Shrinagar
4	NAGAR NIGAM	1	
5	NAGAR PALIKA	7	
6	ASSEMBLY AREA	8	Ajmer North, Ajmer West, Kishangarh, Nasirabad, Kekari, Masuda, Puskar, Byawar,
7	GRAM PANCHAYAT	276	
8	UnInhabited village	13	
9	REVENUE VILLAGE	1025	
10	Sex Ratio	1000 :950	
12	Literacy Male	79.96%	
13	Literacy female	49.10%	
14			



b. District Population 2011

S.No	Detail	Numbers
1.	Male	1259002
2.	Female	1259002
3.	Total	2584913
4.	Rural	1547642
5.	Urban	1035410
6.	SC	1259002
7.	ST	1259002
8.	Population Density (Per Sq. Km)	304
9.	Population & livestock ratio	1 :0.93
10.	livestock Density (Per Sq. Km)	239
11.	Milk production	485997 Ton
12.	Average Wool production	1.410KG/Sheep
13.	Total Wool production	515056 K.G.
14.	Meet production	6525 ton
15.	Egg production	

c. Status of livestock and poultry population in district (Latest)

S.No	Breed	Population		
		Year 2007	Year 12012	% of Change
1	Cattle			
2	Exotic/ C.B	18752	42798	
3	Indigenous	373267	361928	
4	Total cattle	392019	404726	3-24
5	Buffalo	336278	438804	30-48
6	Sheep	522080	365108	-30-06
7	Goat	770958	730758	-5-21
8	Camel	2083	1516	-27-22
9	Pig	19679	20552	4-43
10	Total Live Stock	2025111	1965449	-2-94
11	Poultry at Backyard	116238	98324	
12	Poultry at farm	1470497	2639518	
13	Total Poultry	1586735	2737842	72-54

Note: - As per MPR for the month of Dec. 2016 of A.H. Deptt. Poultry status in Ajmer is as follow

Total poultry Farms- 900
 Broiler- 11 lack.
 Layer- 62 lack.
 Total poultry- 73 lack.



**POSITION OF FEMALE BREEDABLE CATTLE & BUFFALO
IN AJMER – CENSUS 2012**

S.No.	Cattle		Rajasthan	Ajmer	% of state
1	Exotic/ C.B	In Milk	654393	15846	2.42
2		Dry	205718	6008	2.92
3		Not Calved once	59743	1601	2.67
4		Total	919854	23455	2.54
5	Indigenous	In Milk	3090516	114790	3.71
6		Dry	1916800	68453	3.57
7		Not Calved once	474772	16827	3.54
8		Total	5482088	200070	3.64
9		Total Bbreedable cattle	6401942	223525	3.49
10	Buffalo	In Milk	4447558	151099	3.39
11		Dry	1874203	71997	3.84
12		Not Calved once	551259	20761	3.76
13		Total Buffalo	6873020	243857	3.54
14	Total Breed able		13274962	467382	3.52

Ajmer Dairy

SrNo	Detail	Unit
1.	MILK COOPERATIVE SOCITIES	720
2.	NO. OF MEMBERS	47836
3.	AVERAGE MILK COLLECTION	350000 Lit/day

AGRICULTURE LAND USED PATTERN

SrNo	Area	Unit (Ha)
1.	TOTAL GEOGRAPHICAL AREA	842984
2.	FOREST	67792
3.	HILLS	37444
4.	GROSS CROP AREA	753794
5.	NET SHOWING AREA	457973
6.	DOUBLE CROP AREA	295821
7.	GRPSS IRRIGATED AREA	162417
8.	NET IRRIGATED AREA	138334

PART I - GENERAL INFORMATION ABOUT THE VUTRC -AJMER

1.1. Name and address of VUTRC with phone, fax and e-mail:

Address	Telephone		E mail
	Office	FAX	

1.2 .Name and address of host organization with phone fax and e-mail:

Address	Telephone		E mail
	Office	FAX	
DEE, RAJUVAS, Bikaner	+91151-2200505	+91151-2549348	deerajuv@gmail.com



1.3 Name of the Programme Coordinator with phone & mobile No:

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. A.P. Singh	-	+919414139188	deerajuv@gmail.com

2.

a. Year of sanction :- Feb 2015

b. Staff Position:

S N	Name of Post**	sanctioned post	working	Date of joining	Permanent / Temporary
1	Associate Professor*	1	-	-	-
2	Assistant Professor	2	-	-	-
3.	Technical Asstt.(LSA)	2	1	23-6-17	On contact basis
4.	L D C	2	-	-	-
5	Driver	1	-	-	-
6	IV Class	1	-	-	-
7	Lab Attendant	1	-	-	-
8	Helper	1	-	-	-

Note: - Dr Roshan Lal Dev Ret. Joint Director A.H. Deptt. is working as I/C VUTRC Ajmer Join in Feb. 15

3. Objectives of VUTRC:

- 1 To impart training, enhance awareness and to conduct demonstration regarding breeding , management & health care of various species of animals to enhance animal productivity.(Training)
- 2 To disseminate technology at grass root level for improvement in animal productivity as well as socio-economic states of rural masses. (transfer of Technology)
- 3 Identification of local problems and to impart knowledge as well as prepare technology modules to mitigate the problems.
- 4 To provide livestock and farm advisory services though various extension activity including literature for quick dissemination of technology.(Advisory service)
- 5 To assess and refine the latest technologies developed under control condition in field for their wider adaptation and collecting feedback information from field and generate production date for live stock farming. (Feed- back)
- 6 To have provision of services for animal disease diagnosis and treatment testing of feed and fodder as well as animal products.

4. Infrastructural Development

a. Buildings



S N	Name of building	Source of Funding	Stage					
			Complete			Incomplete		
			Completi on Date	Plinth area (Sq m)	Expenditur e (Rs)	Startin g Date	Plint h area (Sq m)	Status of construc tion
-	-	-	-	-	-	-	-	-

Note :- Govt GAD Quarter has been allotted for office

b. Vehicles:

Type of vehicle	Year of purchase	Cost (Rs)	Total hours run	Present status
-	-	-	-	-

Private vehicle is hired for office use

c. Equipments & AV aids purchased reporting period:

Name of the equipment	Year of purchase	Number	Cost (Rs)	Source of funding	Present status
Digital Camera	-	1	-	-	Working
Computer	-	1	-	-	Working
Printer	-	1	-	-	Working
Inverter	-	1	19900	-	Working
Projector	-	-	-	-	

d. Scientific Advisory Committee (SAC) meeting conducted:

Details	Date	No. of Participants
-	-	-

5. Technical Achievements

Year 17-18

S. No	Name of farmer	village	Technology transfer	Remark
1	Sh . Ram Narayan Gurgar	Nareli	Azolla unit	
2	Smt . Lali W/o Sh.Mishri Meghwanshi Mob. No. 9462409923	Rasulpura	Azolla unit	
3	Sh. Dileep singh Chaudhary Mob. No.9828449006	Panchsheel Ajmer	Azolla unit	
4	Smt. SunitaW/O Sh. Vikram Ji Mob. No7568799115,7742202050	Rasulpura	Azolla unit	
5	Sh.Har lal Gurjar	Bhoodol	Azolla unit	
6	D.A.V. Collage Ajmer	Ajme	Azolla unit , vermi	



			compose unit	
7	Smt. Kamala W/O Sh. Gopal Rawat	Rasoolpur a	Azolla unit	
8	Sh. Shahbuddin S/O Sh. Shyanoor Khan Mob. No. 8107179696	Rasoolpur a	Azolla unit	
9	Smt. Aamana W/O Sh. Mazeed kham Mob. No. 9783284158	Rasoolpur a	Azolla unit	
10	Smt. Kamala W/O Sh. Sh. Hari Singh Rawat	Guadi	Azolla unit	
11	Smt. Ratani Devi W/o Sh. Onkar Gujar mob. No 7231940739	Rasoolpur a	Azolla unit	
12	Smt. Rachana Devi W/O Sh. Ram Kishan Chaudhary Mob. No. 9252032668	Kishangar h	Azolla unit	
13	Smt. Amina W/O Sh. Abdul Sattar Mob. No. 9636566577	Rasoolpur a	Azolla unit	
14	Smt. Rachana W/O Sh. Ram Kishan Chaudhary Mob. No. 9252032668	Kishangar h		
15	Bablu S/O Sh. Gani khan	Rasoolpur a	Azolla unit	
16	Slimuddin Sarpanch S/O Sh. Shamir Khan Haji Mob. 9414354953	Rasoolpur a	Azolla unit	
17	Smt. Anju Mathur Mob. 9414004565	Gegal	Vermicompo se	
18	Smt Firdosh W/O Sh. Mohmmmd hanif Mob. 8107773933	Rasoolpur a	Azolla unit	
19	Smt Anju Mathur Mob. 9414004565	Gegal	Azolla unit-2	
20	Sh. Atta Khan village Mob. No. 8949105657	Gagwana	Azolla unit-2	
21	Smt. Kherun W/O Sh. Nizamuddin Mob. No. 7568212210	Rasoolpur a	Azolla unit	
22	Smt. Rashida W/O Sh Islamuddin Mob. No. 7568113138	Rasoolpur a	Azolla unit-2	
23	Sh. Ashok Singh Rawat Mob. No. 9413762445	Madarpura	Azolla unit	
24	Smt. Nitu Kanwar W/O Sh Dileep Singh Rajput Mob No. 9928887419	Chundadi	Azolla unit	
25	Ku Sabina D/O Sh Gundu Mohmad Mob .no. 9799514123	Chundadi	Azolla unit	
26	Smt. Mamta W/O Sh. Nirmal Kumar Mob. No. 9799715653	Chundadi	Azolla unit	
27	Smt. Shama Banu W/O Sh. Farid Mohammad Mob. No. 9950788374	Chundadi	Azolla unit	
28	Sh. Mukesh S/O Sh. Soji Chaudhary Mob No. 7300336634	Chundadi	Azolla unit	
29	Sh Gulab S/o Sh. Ratan Chaudhary Mob No. 9001472449	Chundadi	Azolla unit	
30	Smt. Sarbeena W/o Sh. Sabuddin Mob No. 7297821171	Chundadi	Azolla unit	
31	Ku. Asha D/O Sh. Ramchandra Bhambi Mob no. 7297076367	Chundadi	Azolla unit	
32	Smt. Nitu Kanwar W/O Sh Dileep Singh Rajput Mob No. 9928887419	Chundadi	Vermi- compose	
33	Smt. Mamta W/O Sh. Nirmal Kumar Mob. No.	Chundadi	Vermi-	



	9799715653		compose	
34	Smt. Shama Banu W/O Sh. Farid Mohammad Mob. No. 9950788374	Chundadi	Vermi- compose	
35	Smt. Sarbeena W/o Sh. Sabuddin Mob No. 7297821171	Chundadi	Vermi- compose	
36	Sh Miram Lal S/O Sh Amar Chand Chaudhary Mob No. 9928133574	Bagdo ki dhani	Azolla unit	
37	Smt. Sumat Kanwar W/O Sh. Guman Singh Mob. No. 9602603618	Salemabad	Azolla unit	
38	Smt. Supyar Devi W/O Sh. Kalyan Mal Chauhan Mob. No. 8769523160	Pinglaod	Azolla unit	

Off campus/on campus trainings

Year 17-18

क्र सं	ट्रेनिंग दिनांक	ट्रेनिंग स्थान	तहसील	पशु पालक संख्या	विशेष विवरण
1	21.4.17	रसूलपुरा	अजमेर	27	OBC(M)-5, OBC(F)-8, Min.(F)-8, Min.(M)-5, Gen(F)-1 Total=.27
2	4.5.17	समरथपुरा	पुष्कर	28	OBC(M)-27, Gen(M)-1 Total=.28
3	8.5.17	खवास	केकडी	45	OBC(M)-2, OBC(F)-32, Gen(M)-3, Gen(F)- 5, SC(F)-2, ST(F)-1 Total=.45
4	9.5.17	माताजी का खेडा	मसूदा	26	SC(M)-14, SC(F)-12 Total=26
5	11.5.17	सरवाड	सरवाड	28	SC(M)-6, OBC(M)-22, Total=28
6	12.5.17	रामपुरा	रूपनगढ़	33	SC(M)-1, OBC(M)-27, OBC(M)-2, Gen(F)-1, Gen(M)-2, Total=33
7	15.5.17	देव नगर	पुष्कर	42	SC(M)-1, OBC(M)-41, Total=42
8	17.5.17	लक्ष्मीपुरा	केकडी	35	OBC(F)-10, OBC(M)-25 Total=35
9	18.5.17	भूडोल	अजमेर	25	SC(M)-3 OBC(M)-17, OBC(F)-3, Gen(M)-1, Min(F)-1 Total=25
10	20.5.17	बरना	किशनगढ़	27	OBC(M)-27, Total=27
11	30.5.17 से 31.5.17	अजमेर	अजमेर	19	SC(M)-4, SC(F)-7, OBC(F)-7, Min(F)-1 Total=19
12	8.5.17	सांकरिया	केकडी	45	OBC(M)-3, Min(M)-1, Gen(M)-1, Gen(F)-2, SC(F)-27, SC(M)-11 Total=.45
13	14.6.17	जसवन्तपुरा	नसीराबाद	28	OBC(M)-19, OBC(F)-6, SC(M)-3 Total=.28
14	15.6.17	दौलतपुरा	मसूदा	51	OBC(M)-22, OBC(F)-28, SC(F)-1, Total=51
15	22.6.17	खिरिया गेट सरवाड	सरवाड	30	OBC(M)-29, OBC(F)-1, Total=30
16	5.7.17	डोराई(केक डी)	केकडी	27	OBC(M)-20, SC(M)-6, SC(M)-1 Total= 27
17	7.7.17	सूरजपुरा	मसूदा	25	OBC(M)-11, OBC(F)-6, SC(M)-5, ST(M)-1, Min (M)-2 Total=25.
18	17.7.17	चांदमा	टांटोटी	35	OBC(M)- 29, SC(M)-2, ST(M)-4 Total= 35
19	24.7.17	लामगरा	भिनाय	36	OBC(M)-25, SC (M) -8, SC (F)-1, Gen (M)- 2Total=36
20	27.7.17	अजगरा	सरवाड	21	OBC(M)-15, Gen(M)-3, SC(M)-3, Total=21



21	3.8.17	नारेली	अजमेर	29	OBC(M)-22, SC(M)-1 SC(F)-4, Min(F)-2 Total= 29
22	9.8.17	कोटडी	सरवाड	26	OBC(M)-18, SC(M)-4, ST(M)-4, Total= 26
23	10.8.17	भगवंतपुरा	सरवाड	28	OBC(M)-25, OBC(F)-3 Total= 28
24	18.8.17	तिलोनिया	किशनगढ	33	OBC(M)-30, SC(F)-1, OBC(F)-2 Total= 33
25	19.8.17	लालावास	मसूदा	27	OBC(M)-23, OBC (F)-4, Total=27
26	21.8.17	कटसूरा	अरांई	30	OBC(M)-30, Total=30
27	22.8.17	शेरगढ	मसूदा	37	OBC(M)-11, OBC(F)-5, SC(M)-15, Sc(F)-6, Total= 37
28	23.8.17	नसीराबाद	नसीराबाद	30	OBC(M)-21, OBC(F)-1, SC(M)-2, SC(F)-1, ST(M)-1, Gen (M)- 4 Total= 30
29	24.8.17	अजमेर	अजमेर	26	OBC(M)-23, OBC(F)-1, Gen(M)-1, Min (M)-1 Total= 26
30	26.8.17	सरवाड	सरवाड	31	OBC(M)-26, SC(M)-2, Gen(M)-2, Min (F)- 1 Total=31
31	28.8.17	पुष्कर	पुष्कर	30	OBC(M)-28, SC(M)-1, Gen(M)-1, Total= 30
32	12-9-17	कनोज	केकडी	34	OBC(M)-25, OBC(F)-2, SC(M)-2, ST(M)-1, Gen (M)- 4, Total= 34
33	13-9-17	देवगांव	केकडी	30	OBC(M)-27, SC(M)-1, ST(M)-2, Total= 30
34	15-9-17	तेलाडा	भिनाय	30	OBC(M)-28, SC(M)-1, ST(M)-2, Total= 30
35	20-9-17	सूरजपुरा	टांटोटी	27	OBC(M)-26, OBC(F)-1 Total= 27
36	22-9-17	नरबदखेडा	ब्यावर	34	OBC(F)-34, Total= 34
37	23-9-17	फतेहगढ	सरवाड	28	OBC(F)-14, SC(M)-4, Min(F)-1 Gen (M)-9, Total= 28
38	26-9-17	अजगरी	सरवाड	19	OBC(M)-19, Total = 19
39	11.10.17	सूपा	सरवाड	31	OBC(M)-17, SC(M)-2 ,Gen (M)-12, Total= 31
40	12.10.17	पाडलिया	भिनाय	30	OBC(M)-20, SC(M)-6, ST(M)-1, Gen (M)-3 Total=30
41	25.10.17	सिलोरा	किशनगढ	25	OBC(M)-2, OBC(F)-5, SC(M)-2, SC(F)-9, Gen(F)-6, ST(F)-1, Total= 25
42	26.10.17	काली कांकर	ब्यावर	28	OBC(F)-28 Total= 28
43	27.10.17	सरवीना	ब्यावर	39	OBC(F)-35, SC(F)-4, Total=39
44	25.11.17	सिंधाडिया	ब्यावर	25	OBC(F)-25, Total= 25
45	27.11.17	रामावास	ब्यावर	48	OBC(M)-3, OBC(F)-42 SC(F)-3, - Total=48
46	28.11.17	नांद	पुष्कर	35	OBC(F)-23, SC(F)-5, Gen(F)-4, Min(F)-3, Total= 35
47	29.11.17	जैतपुरा बामनिया	ब्यावर	32	OBC(F)-32, Total= 32
48	5-12-17	गेरधनपुरा	भिनाय	28	OBC(M)-24, SC(M)-4, Total= 28
49	6-12-17	भरांई	केकडी	33	OBC(M)-9, Gen(M)-14 SC(M)-10, Total= 33
50	8-12-17	बरोल	सरवाड	28	OBC(F)-2, SC(F)-2, OBC(M)-20, SC(M)-2, ST(M)-2, Total=28
51	12-12-17	सथाना	विजयनगर	29	OBC(F)-, SC(F)-, OBC(M)-, SC(M)-, ST(M)-, Total=
52	14-12-17	देवलियां कलां	भिनाय	24	OBC(M)-22, SC(M)-2, Total= 24
53	18-12-17	गोविन्दगढ	पीसांगन	49	OBC(M)-5, SC(M)-2, SC(F)-6, OBC(F)-4, Gen(M)-



					1, Gen(F)-1, ST(M)-1, Min (M)-5, Min, (F)-24 Total=49
54	19-12-17	भांवता	पीसांगन	37	OBC(F)-32, SC(F)-2, Min(F)-3, Total= 37
55	21-12-17	गनाहेडा	पुष्कर	35	OBC(M)-5, OBC(F)-25, SC(F)-5, Total=35
56	22-12-17	कडेल	पुष्कर	20	OBC(F)-2, SC(F)-7, SC(M)-3, Gen(F)-8, Total=20
57	26-12-17	हाथीखेडा	अजमेर	27	OBC(M)-6, SC(M)-2, OBC(F)-18, SC(F)-1, Total=27
58	4.1.18	बोगला	केकडी	26	OBC(M)-20, SC(M)-4, Gen(M)-2, Total=26
59	16.1.18	दांतडा	पीसांगन	37	SC(F)-3, OBC(F)-30, Min(F)-4, Total=37
60	17-1-18	बुधवाडा	वीसांगन	27	SC(F)-4, OBC(F)-20, Gen(F)-1, Min, (F)-2 Total=27
61	18-1-18	देवनगर	पुष्कर	26	SC(F)-1, OBC(F)-21, Gen(F)-4, Total=26
62	19-1-18	पुष्कर	पुष्कर	33	SC(F)-13, OBC(F)-18, Gen(F)-2, Total=33
63	24-1-18	तिलोनिया	किशनगड	27	OBC(M)-25, Gen(M)-2, Total=27
64	15-2-18	पीपलिया	भिनाय	33	SC(M)-26, SC(F)-6, OBC(M)-1, Total=33
65	20-2-18	डूंगरियाखुर्द	पुष्कर	26	SC(F)-22, SC(M)-1 Gen(F)-1 Gen(F)-2, Total=26
66	23-2-18	सुकरामपुरा	केकडी	22	ST(M)-11, ST(F)-11 Total=22
67	27-2-18	भगवानपुरा	मसूदा	25	OBC(M)-25, Total=25
68	13-3-18	बोरडा	सरवाड	25	SC(M)-5, ST(M)-1, OBC(M)-19, Total=25
69	24-3-18	चून्दडी	किशनगड	27	Min(F)-3 SC(F)-3, OBC(M)-4, OBC(F)-1 Gen(F)-14 Gen(M)-2, Total=27
				2048	

तहसीलवार पशु पालक प्रशिक्षण शिविर

वर्ष 17-18

क्र. स.	नाम तहसील	ग्राम जहां जहां प्रशिक्षण दिया गया
1	अजमेर	रसूलपुरा, भूडोल, अजमेर(on campus)नारेली, अजमेर, हाथीखेडा
3	किशनगड	रामपुरा, बरना, तिलोनिया, सिलोरा, तिलोनिया, चून्दडी
4	भिनाय	लमगरा, तेलाडा, पाडलिया, गोरधनपुरा, देवलियांकला, पीपलिया
5	सरवाड	सरवाड, खिरियागेट, अजगरा , कोटडी, भगवन्तपुरा, सरवाड फतेहगडढ, सूपा अजगरी, बरोल, बोरडा
7	टांटोटी	चंदमा, सूरजपुरा
8	नसीराबाद	जसवन्तपुरा, नसीराबाद,
9	केकडी	खवास, लक्ष्मीपुरा, सांकरिया, डोराई, कणोज, देवगांव, भराई, बोगला, सुकरामपुरा
10	पुष्कर	समरथपुरा, देवनगर, पुष्कर, नांद, गनाहेडा, कडेल, देवनगर, पुष्कर, डूंगरियाखुर्द
11	मसूदा	माताजी का खेडा, दौलतपुरा, सूरजपुरा, लालावास, शेरगढ, भगवानपुरा,
12	अराई	कटसूरा,
13	ब्यावर	नरबदखेडा, कालीकंकर, सरवीना, सिंघाडिया, रामावास, जैतपुरा
14	पीसांगन	गोविन्दगढ, भांवता, दांतडा, बुधवाडा
15	विजयनगर	सथाना

Total MPR from April 17 to March 18

Month	Survey		Off campus training		On campus training		Treatment camp		Gosthi		Farmer scientist interaction		Transfer of technology	
	No.	Total farmer	No.	Total farmer	No.	Total farmer	No.	Total farmer	No.	Total farmer	No.	Total farmer	No.	Total farmer
April 17	-	-	1	27	-	-	-	--	-	-	-	-	2	2
May 17	-	-	9	281	1	19	-	--	-	-	-	-	2	2
Jun 17	-	-	4	153	-	-	-	--	-	-	-	-	1	1
July 17	2	48	6	144	-	-	-	--	-	-	-	-	-	-
Aug 17	2	97	11	327	-	-	-	--	-	-	-	-	5	4
Sept.17	1	50	7	201	-	-	-	--	-	-	-	-	-	-
Oct.17	-	-	5	153	-	-	-	--	-	-	-	-	-	-
Nov. 17	2	88	4	140	-	-	-	--	-	-	-	-	1	1
Dec. 17	1	27	10	310	-	-	-	-	1	42	-	-	1	1
Jan.18	1	47	6	176	-	-	-	-	-	-	1	50	2	2
Feb 18	1	33	4	106	-	-	-	-	-	-	-	-	9	9
March 18	-	-	2	52	-	-	2	11	-	-	-	-	17	17
Total	10	389	69	2070	1	19	2	11	1	42	1	50	40	39

Major problems of Distt. Ajmer in animals

1. Infertility in large animal
2. Silent/ late heat
3. Prolepses of uterus
4. Abortions
5. Stray animals
6. Repeat breeding
7. lack of green fodder
8. Unawareness of balance feed
9. House fly in MGMG village Rasoolpura







Veterinary University Training & Research Centre (VUTRC), (Sirohi)

Annual Progress Report (1 April 2017 to March 31, 2018)

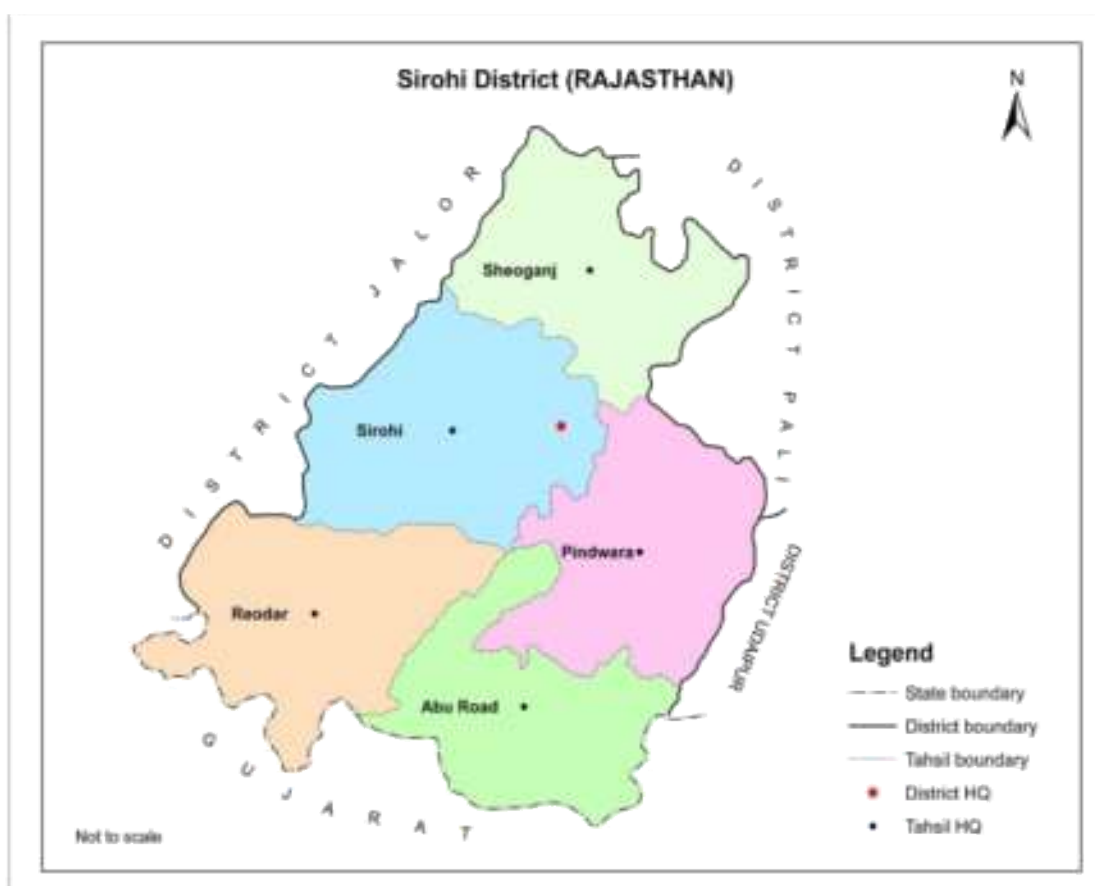


DIRECTORATE OF EXTENSION EDUCATION
Rajasthan University of Veterinary and Animal
Sciences, Bikaner-334001

**RAJASTHAN UNIVERSITY OF VETERINARY & ANIMAL SCIENCES,
BIKANER**

1. **Project Title** - VUTRC Sirohi
2. **Location** - Ambheshwar ji ,Village Kolar , Palri-M
3. **Area of Jurisdiction** - Sirohi District
4. **Date of Sanction** - 2014-15
5. **Date of Commencement of VUTRC** - 1st April 2015
6. **Period of Report** - 1st April 2017 to 31th March 2018
7. **Principal Investigator** - Professor (Dr) A.P. Singh, DEE

1. Sirohi District Details



Maps of Tehsils of Sirohi District



b. Geographical Position

Sirohi district is situated in south west of Rajasthan between parallels of 24° 21' and 25° 17' North latitudes and 72° 16' and 73° 10' East longitudes. It is bordered on the west by Jalore District, on the north by Pali District, on the east by Udaipur District, and on the south by Banas Kantha District of Gujarat. It has an area of 5139 km (2009 sq. miles). Sirohi district is situated at the south-west part of Rajasthan between parallel of 24° 20' and 25° 17' North Latitude and 72° 16' and 73° 10' East Longitude.

c. Tehsil/Gram Panchayat/Villages in District

Administrative profile has 5 Panchayat Samities viz. Sheoganj, Sirohi, Reodar, Aburoad and Pindwara. It has 5 Tehsil and 3 Vidhansabha Constituencies. District has 157 Gram Panchayats with total of 494 villages in all.

d. District Population 2011

As per 2011 Population census, Sirohi had a population of 851,107. The urban population is 150,890. Males constitute 53% of the population, and females constitute 47%. Sirohi has an average literacy rate of 66%, higher than the national average of 54.3%; male literacy is 70%, and female literacy is 37%.

e. Status of livestock and poultry population in district

S.No.	Species	Population
1	Cattle	194575
2	Buffalo	186218
3	Goats	307708
4	Sheep	205736
5	Horse & Pony	616
6	Camel	4121
7	Pig	530
	Total	899504
8	Poultry	52236
	Total	951740

f. District Agriculture profile

This district occupies prominent place in the agro-climatic zone IIb i.e. "Transitional Plain of Luni Basin" comprising three blocks of the district viz. Sheoganj, Reodar and Sirohi and Zone IVa i.e. "Sub humid southern plain and Aravali Hills comprising two blocks viz. Pindwara and Aburoad. It covers a total geographical area of 517947 ha accounting for 1.51 per cent of the total reported area of the Rajasthan State. The average rainfall of the district was 534.12 mm during this year and the normal rainfall of the district is 622 mm. Net sown



area of the district is 1.55 lakh (30.11%).. The main crop during Kharif season is Castor (53.99%), maize (16.11%), groundnut (9.97 %), cotton (7.19 %), pearl millet (3.50%), sesame (2.78%) and green gram (0.80%). Major Rabi crops of the area are wheat (49.03%), mustard (30.40%) & gram (3.71%).

2. General Information about VUTRC Sirohi

a. Name and address of VUTRC with phone, fax and e-mail

Address	Telephone		E- mail
	Office	Fax	
VUTRC,Kolargarh Post Box - 16, Sirohi Pincode- 307001	+919950854959	-	vutrcsirohi.rajuvas@gmail.com sudeepdrsolkanki@gmail.com

b. Name and address of host organization with phone fax and e-mail

Address	Telephone		E- mail
	Office	Fax	
DEE, RAJUVAS, Bikaner	+91151-2200505	+91151-2549348	deerajuvass@gmail.com

c. Name of Principal Investigator with phone & mobile No.

Address	Telephone/Contact		
	Residence	Mobile	E-mail
Dr. (Prof.) A.P.Singh	Bikaner	+919414139188	deerajuvass @gmail.com

d. Year of Sanction

e. Staff Position: (as on 31st March 2016)

S.No.	Name of Post**	Name of the incumbent	Designation	Discipline	Pay Scale (Rs)	Date of Joining	Permanent /Contractual
1	Associate Professor*	-	-	-	-	-	-
2	Assistant Professor	Dr. Sudeep Solanki	Assistant Professor	Vety. Microbiology		06.04.16	Permanent
3	Teaching Associate	Dr. Rabindra kumar	Teaching Associate	Veterinary. Gynecology & Obstetrics	40000 fix	24.04.17	Contractual
4	Livestock Assistant	Naveen Kumar	LSA	Veterinary	11820 fix	01.04.16	Contractual
5	Supporting Staff	Chhagan lal	Skilled -	-	5500 fix	26 Jan 2017	Contractual
6	Supporting Staff	Mukesh kumar	Non skilled-	-	5000 fix	1 Sep 2016	Contractual



3. Objectives of VUTRC:

1. Collaborate with the Subject Matter Specialist of the State Veterinary University/scientists of the Zonal Research Station/ Sub Station and the State Extension Personnel “On-farm testing” refining and documenting technologies for specific sustainable Livestock growth.
2. Organization of training to update the extension personnel within the area of operation with emerging advances in animal husbandry and feed technology research on regular basis.
3. Organize long term vocational training courses in animal husbandry and allied vocations for the rural youths with emphasis on “learning by doing” for generating self-employment through institutional financing.
4. Organize front-line demonstrations on various livestock patterns to generate production data and feed-back information.
5. VUTRC will work as resource and knowledge centre of advanced animal husbandry technology for supporting initiative of public, private and voluntary centre for improving the Animal husbandry economy of the district.

4. Developmental Infrastructure of VUTRC Sirohi:

a. Buildings

Name of Building	Source of Funding	Stage					
		Complete			Incomplete		
		Completion on Date	Plinth area (Sq.m)	Expenditure	Starting Date	Plinth area (Sq.m)	Status of construction
VUTRC Sirohi	RAJUVAS Bikaner	Completion		EO (works) RAJUVAS	-	-	-

b. Vehicle

Type of vehicle	Year of Purchase	Cost (Rs)	Total hours run	Present status
Private	August-2016	20000 per month	-	Continue

c. Equipments & AV aids purchased reporting period

Name of the Equipment	Year of Purchase	Quantity	Cost (Rs)	Source of funding	Present status
Digital Camera	2013-14	1	19374.00	DEE	All equipments are in working Condition
Computer	2013-14	1	58710.00	DEE	
Printer	2013-14	1	18312.00	DEE	
Projector	2013-14	1	60637.00	DEE	
Digital PhotoCopier	2016-17	1	80246.00	DEE	



NSW-151 Incubator Universal	2016-17	1	68785.00	DEE	
NSW-146 Oven Universal	2016-17	1	37670.00	DEE	
Deep Freezer	2016-17	1	105051.00	DEE	
Surgical Water Bath	2016-17	1	22093.20	DEE	
Microscop Olympus	2016-17	1	47040.00	DEE	
Electronic Laboratory Balance	2016-17	1	34656.00	DEE	
Laboratory Autoclave	2016-17	1	82593.00	DEE	
Glass Distillation Capacity of Glasks	2016-17	1	23598.00	DEE	
Refrigerator (LG)	2016-17	1	18975.00	DEE	
Monitor LED	2016-17	1	44437.50	DEE	

d. Scientific Advisory Committee (SAC) meeting conducted

Details	Date	No. of Participants
-	-	-

e. Functional linkages with different organizations

Sr. No.	Name of organizations	Nature of linkages
1	Joint Director Animal Husbandry Sirohi	Involvement of Training Health camps and other activities
2	ATMA, Sirohi	Involvement in training programme
3	Deputy Director Agriculture, Sirohi	Involvement of Training and other activities
4	People For Animal (PFA)	Health Camps & Survey



Training Activities Carried out

3. Off Campus Trainings :

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April 2017	4	112	0	112
May 2017	4	105	12	117
June 2017	5	132	2	134
July 2017	5	111	21	132
August 2017	5	157	1	158
September 2017	7	181	31	212
October 2017	4	137	0	137
November 2017	7	180	30	210
December 2017	7	160	9	169
January 2018	6	130	67	197
February 2018	5	67	87	154
March 2018	7	110	87	197

4. Animal Treatment Camp

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April 2017	-	-	-	-
May 2017	-	-	-	-
June 2017	2	53	6	59
July 2017	-	-	-	-
August 2017	1	56	0	56
September 2017	-	-	-	-
October 2017	-	-	-	-
November 2017	-	-	-	-
December 2017	1	45	15	60
January 2018	-	-	-	-
February 2018	1	45	15	60
March 2018	-	-	-	-

5. Vichar Gosthi

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April 2017	2	15	10	25
May 2017	-	-	-	-
June 2017	-	-	-	-
July 2017	-	-	-	-
August 2017	1	3	12	15
September 2017	2	22	2	24
October 2017	-	-	-	-
November 2017	2	26	5	31
December 2017	2	24	3	27
January 2018	-	-	-	-
February 2018	1	8	1	9

March 2018	-	-	-	-
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6. Farmers-Scientist Interaction

Period	No. of Activity	No. of Participants		
		Male	Female	Total
June 2017	1	45	0	45
July 2017	1	12	0	12
August 2017	1	25	15	40

8. Field day

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April 2017	2	9	14	23
August 2017	1	16	2	18
December 2017	1	10	5	15
January 2018	1	15	2	17

7. Exhibition

Period	No. of Activity	No. of Participants		
		Male	Female	Total
September 2017	1	85	12	97
February 2018	1	400	50	450

8. Other activities (if any other than 1 to 7)

9. Participation in

Conference/Symposium/Workshops/Meetings/Trainings/Other: 4

10. Research Paper published in International/National Journals: Nil

11. Popular Article Published:

12. Radio /TV Talk delivered:

13. News Paper Coverage: 30

Off Campus Training programmes





News coverage of Training



Project taken by VUTRC Sirohi Under ATMA (17-18)

1½ Introduction of Sirohi breed buck in Tribal area for improvement of milk and for kidding of young ones.

2) Introduction of improved nutritional supplement for overcoming the problem of Anoestrus (infertility) in Heifers caused by nutritional deficiency & parasitic infestation





बांझपन निवारण की जानकारी दी

पत्रिका न्यूज़ नेटवर्क
rajasthanpatrika.com

सिरोही: पशु चिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र में सोमवार को 'पोषण की कमी एवं परजीवी संक्रमण से उत्पन्न पॉन्ड्रो (हॉफर) में बांझपन (एलस्ट्रस) समस्या को उन्ना पोषक खाद से निवारण' पर कार्यक्रम रखा गया। इस मौके डॉ. सुदीप सोलंकी व डॉ. रविन्द्र कुमार ने विभिन्न जानकारी दी। इसमें सिरोही तहसील के करीब 40 पशुपालकों ने भाग लिया। डॉ. रविन्द्र कुमार ने पोषण की कमी एवं परजीवी संक्रमण से होने वाले बांझपन की जानकारी देते हुए पशु आहार, मिनरल, विटामिन एवं आवश्यक दवाइयाँ भी देने की बात कही। डॉ. अश्विनी खान, डॉ. संजु डाका ने पशुपालकों को

सिरोही के समीप पशु चिकित्सा विश्वविद्यालय प्रशिक्षण समन्वित।

पशुओं में होने वाली बीमारियों से बचाव के लिए टीकाकरण, जल सुधार, दूध उत्पादन एवं प्रजनन क्षमता को बहाल आया। डॉ. अश्विनी खत्री ने पशुओं के बीमा की जानकारी दी। इस मौके डॉ. अश्विनी पाण्डेय, पशुधन सहायक नवीन कुमार, सन्तोष गुर्जर, मुकेश, श्याम सुन्दर एवं रमेश मौजूद थे।

Veterinary University Training & Research Centre, Lunkaransar (Bikaner)

Annual Progress Report (1 April 2017 to March 31, 2018)



DIRECTORATE OF EXTENSION EDUCATION
Rajasthan University of Veterinary and Animal
Sciences, Bikaner-334001



RAJASTHAN UNIVERSITY OF VETERINARY & ANIMAL SCIENCES, BIKANER

Project Title	-	Veterinary University Training & Research Centre
Location	-	Lunkaransar (Bikaner)
Area of Jurisdiction	-	Bikaner district
Date of Sanction	-	ICAR letter F.No. 13-1/2009 – A E - I Dated 30/03/2012
Date of Commencement of VUTRC	-	27 th Sept. 2013
Period of Report	-	1 st April 2017 to 31 th of March 2018
Principle Investigator	-	Professor (Dr.) A.P. Singh, DEE

PART I - GENERAL INFORMATION ABOUT THE VUTRC

1.1. Name and address of VUTRC with phone, fax and e-mail:

Address	Telephone		E mail
	Office	FAX	
VUTRC, Lunkaransar, Bikaner PIN- 334603		-	vutrcclunkaransar.rajuvas@gmail.com

1.2. Name and address of host organization with phone fax and e-mail:

Address	Telephone		E mail
	Office	FAX	
DEE, RAJUVAS, Bikaner	+91151-2200505	+91151-2549348	deerajjuvas@gmail.com

1.3 Name of the Principle Investigator with phone & mobile No:

Name	Telephone / Contact		
	Residence	Mobile	Email
Prof. (Dr.) A. P. Singh	-	+919460070996	deerajjuvas@gmail.com

1.4. Year of sanction: 27-09-2013

1.5. Staff Position : (as on 11th March, 2016)

Name of Post**	Name of the incumbent	Designation	Discipline	Pay Scale (Rs)	Date of joining	Permanent / Temporary	Category (SC/ST/OBC/ Others)
Associate Professor	**						
Assistant Professor	Dr. R.K. Berwal	Assistant Professor & Incharge	Livestock product Technology	36720/- basic	27-10-2017	Permanent	Gen.
Assistant Professor	Dr. Raj Kumar	Teaching Associate	Veterinary surgery	40,000/-	11-10-2017	Temporary ***	SC
Assistant Professor	Dr. Hemant kumar Jediya	Teaching associate	Animal Nutrition	40,000/-	27-2-2018	Temporary	SC
Technical	Dalip Singh	Livestock	-	11,840/-	01-04-	Temporary	OBC



Assistant		Assistant		month (Fix)	2016	***	
Technical Assistant	**						
Technical Assistant	**						
Driver	**						
Ministerial Staff	**						
Ministerial Staff	**						
Supportive Staff	**						
Jagdish	Supportive Staff	Supportive Staff	-	5,500/-	18-07-2016	Temporary ***	OBC
Mangal	Supportive Staff	Supportive Staff	-	5,500/-	17-05-2016	Temporary ***	SC

* DEE is holding additional charge of this post

** All the posts have been advertised and will be soon filled up

*** Contractual

1.6. Total land with VUTRC : 5776 - M²

1.7. Infrastructural Development:

A) Buildings

Name of building	Source of Funding	Stage					
		Complete			Incomplete		
		Completion Date	Plinth area (Sq m)	Expenditure (Rs)	Starting Date	Plinth area (Sq m)	Status of construction
Administrative Building	RAJUVAS						Completed
Farmers Hostel	RAJUVAS						Completed
Staff Quarters	RAJUVAS						Completed
Demonstration Units	Fund Unavailable						
Others (specify compulsorily)	Fund Unavailable						

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs)	Total hours run	Present status
Yet not Purchased	-	-	-	-

C) Equipment's & AV aids purchased reporting period

Name of the equipment	Year of purchase	Number	Cost (Rs)	Source of funding	Present status
Digital Camera	2016-17	01	Transferred from the office of DEE		All equipment's are in
Computer	2016-17	02	Transferred from the office of DEE		
Printer	2016-17	01	Transferred from ABG department		
Public Address System	2016-17	01	Transferred from the office of DEE		



(Mike & Speaker)					working Condition
Xerox	2016-17	01	Transferred from the office of DEE		
Projector	2016-17	01	Transferred from ABG department		

1.8. A). Scientific Advisory Committee (SAC) meeting conducted

Details	Date	No. of Participants
Nil	-	-

Objectives of VUTRC

1. To impart training on the felt need of the end users, practicing farmers and officers of the line departments.
2. To act as a two way channel between University and the farmers to identify the field based livestock and poultry problems and also to pass on the remedial measures.
3. To conduct on farm trial on the latest research findings of the University and field oriented problems specific to the area.
4. Survey of bacterial, viral and parasitic diseases to formulate the schedule of vaccination and deworming.
5. To ensure an immediate and thorough diagnosis of disease in the event of an outbreak with special emphasis on disease reporting system.
6. To motivate and encourage in establishing livestock and poultry farms for self-employment by the local farmers.
7. To collaborate with State and Central sponsored rural development programmes.
8. To develop and maintain data base on livestock / Poultry in the area.
9. To carryout short term need based location specific projects.

PART II - DETAILS OF DISTRICT

TEHSILS OF BIKANER DISTRICT

Bikaner, District, (a part of Rajasthan state) has 8 Sub-Divisions, 8 Tehsils and 6 Panchayat Samities. Approximately 857 villages of the district are inhabited by human population and Total No. of uninhabited village is 62. The district has 10 Towns in total and as many as 220 "Gram Panchayats".

S. No.	Name of Sub-Divisions	Population
1	Bikaner	644406
2	Nokha	62699
3	sridungargarh	53294
4	kolayat	262028
5	Lunkaransar	213627
6	Khajuwala	88730
7	chhatargarh	82488
8	Poogal	67163
	TOTAL	2367745



S. No.	TOWN & VILLAGES	No.
1	(i) Sub Division	8
2	(ii) Tehsils	8
3	(iii) Up- Tehsils	6
4	(iv) Panchayat Samities	07
5	(v) Total No. of inhabited Village	1498
6	(vi) Total No. of Gram Panchayat	290



2.1 District Agriculture profile

Agro-Climatic/Ecological Zone	Farming system/enterprise
Agro Ecological Sub Region (ICAR)	Western Plain, Kachchh and Part of Kathiawar Peninsula, Hot Arid Eco-Region
Agro-Climatic Zone (Planning Commission)	Trans Gangetic Plain Region
Agro Climatic Zone (NARP)	Irrigated North West Plain Zone

2.2 Geographical co-ordinates of the headquarter

Geographic coordinates of district headquarters	Latitude Longitude Altitude	Longitude	Altitude
Bikaner	27°11' to 29°03'	71°52' to 74°15'	175.6 m



2.3 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

S N	Agro-climatic Zone	Characteristics
1.	Zone 1b (Irrigated North-Western Plains)	<p>Bikaner district is located in the north-western part of Rajasthan and encompassed between north latitudes 27°11' to 29°03' and east longitudes 71°52' to 74°15' covering geographical area of 30247.90 Sq. kms. It is bounded on the north by Ganganagar District, on the east by Hanumangarh and Churu Districts, on south by Nagaur and Jodhpur Districts and on the west by Jaisalmer District and International border with Pakistan. For administration and development, the district is divided into</p> <p>eight sub-divisions i.e. Bikaner, Kolayat, Nokha, Loonkaransar, Khajuwala, Chhattargarh, Pugal and Dungargarh and eight tehsils, i.e., Bikaner, Kolayat, Nokha, Loonkaransar, Khajuwala, Chhattargarh, Poogal and Dungargarh. The developmental activities of the district are being looked after by six Panchayat</p> <p>Samities, i.e. Bikaner, Kolayat, Nokha, Loonkaransar, Khajuwala and Dungargarh. There are 874 villages and 219 Gram panchayats. There is one independent Sub-Tehsil Bajju situated in Kolayat tehsil for better administration. The district has one Municipal Council, 219 Gram Panchayats and 874 Villages. As per 20011 Census, the total population of the district is 2363937 out of which 1563553 is rural population and 800384 is urban population.</p>

2.4 Annual Rainfall at the district

Rainfall	Normal RF(mm)	Normal Rainy days (number)	Normal Onset (specify week and month)	Normal Cessation (specify week and month)
SW monsoon (June-Sep):	280.3	13.5	2-4nd week July	3rd week Sept.
NE Monsoon(Oct-Dec):	013.9	0.7	NA	NA
Winter (Jan- March)	037.0	2.7	-	-
Summer (Apr-May)	028.6	1.1	-	-
Annual	325	15.7	-	-

2.5 Agricultural Land-utilization pattern

Land use pattern of the district (latest statistics)	Area ('000 ha)
Geographical area	1093.3
Cultivable area	911.6
Forest area	60.5
Land under Non-agricultural use	68.6
Permanent pastures	0.1
Cultivable wasteland	46.1
Land under Misc. tree Crops and groves	4.1
Barren and uncultivable land	2.4
Current fallows	83.5
Other fallows	103.4

**2.6 Soil types**

Major Soils (common names like red sandy loam deep soils (etc.,))*	Area ('000 ha)	Percent (%) of total
Medium, Light yellowish brown	1002	13.0
Deep, Light yellowish brown	2984	38.6
Deep, Light yellowish brown	3038	39.3
Deep, Yellowish brown, Sandy	686	08.9 2

* mention colour, texture (sandy, loamy, clayey etc), depth and vernacular name in brackets

2.7 Agricultural Land Use

Agricultural land use	Area ('000 ha)	Cropping intensity %
Net sown area	724.7	145.4
Area sown more than once	329.3	
Gross cropped area	1054.0	

2.8 Irrigation

Irrigation	Area ('000 ha)		
Net irrigated area	557.7		
Gross irrigated area	873.8		
Rainfed area	167.0		
Sources of Irrigation	Number	Area ('000 ha)	Percentage of total irrigated area
Canals		871.2	99.7
Tanks	NIL	NIL	NIL
Open wells	NIL	NIL	NIL
Bore wells	13903	2.6	0.3
Lift irrigation schemes	NIL	NIL	NIL
Micro-irrigation	-	-	-
Other sources (please specify)	-	-	-
Total Irrigated Area	-	873.8	-
Pump sets	8993	-	-
No. of Tractors	-	-	-
Groundwater availability and use*	No. of blocks/ Tehsils	(%) area	Quality of water (specify the problem such as high levels of arsenic, fluoride, saline etc)
(Data source: State/Central Ground water Department /Board)			
Over exploited	NIL	NIL	-
Critical	NIL	NIL	-
Semi- critical	NIL	NIL	-
Safe	7	100	Saline
Wastewater availability and use	NA	-	-
Ground water quality	Saline and sodic	-	-

*over-exploited: groundwater utilization > 100%; critical: 90-100%; semi-critical: 70-90%; safe: <70%

2.9 Area under major field crops & horticulture etc. (2008-09)

Major Field Crops cultivated	Area ('000 ha)							
	Kharif			Rabi			Summer	Total
	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total		
A. Cotton/Wheat	45.8	-	45.8	190.8	-	190.8	NA	NA
B. Cotton/Barley	9.5	-	9.5			58.8	NA	NA
Clusterbean/Mustard			235.7			260.2	NA	NA
Mungbean/Chickpea			34.0			120.2	NA	NA
Paddy/Taramira	4.1		4.1			8.2	NA	NA
Others (specify)								

2.10. Type of Horticulture Crops & Fruits

Horticulture crops – Fruits	Total area
Kinnow	10.7
Malta & Mosambi	1.4
Pomegranate	0.6



Ber	0.5
Lime	0.4
Others (specify)	0.39
Horticultural crops -Vegetables	Total area ('000 ha)
Cucurbits	5.5
Cole crops	1.4
Tomato	1.1
Potato	0.8
Onion	0.7
Others (Brinjal, spinach, etc.)	4.2
Medicinal and Aromatic crops	-

2.11 Plantation Crops of the District

Plantation crops	-
Others such as industrial pulpwood crops, etc. (specify)	-
Fodder crops	Total area
Berseem, oat, Lucerne	14.5
Sorghum, Bajra	13.4
Total fodder crop area	27.9
Grazing land	0.1
Sericulture, etc.	NA
Others (Specify)	

2.12 Production and Productivity of major crops

Name of crop	Kharif		Rabi		Summer		Total	
	Production ('000 t)	Productivity (kg/ha)	Production ('000 t)	Productivity (kg/ha)	Production ('000 t)	Productivity (kg/ha)	Production ('000 t)	Productivity (kg/ha)
Major Field crops (Crops to be identified based on total acreage)								
A.Cotton/ Wheat	269.9	3.12	595.9	3300				NA
B.Cotton/ Barley	70.7	2.57	110.9	2700				NA
Cluster bean/ Mustard	152.3	933	306.5	1133				NA
Mung bean/ Chickpea	20.5	787	79.4	833				NA
Paddy/ Taramira	12.8	3983	5.4	400				NA

*For A cotton and B cotton production and productivity is in ,000 bales

Source: Department of Agriculture, GOR

2.13 Animal Husbandry Data

Cattle			Buffalo	Sheep	Goat	Equines	Camel	Pig	Total Livestock
Exotic/C.B.	Indigenous	Total							
91554	493950	585504	282815	379667	377670	5331	19622	2689	1653298

2.14 Livestock Density of the District

District	Area (Km ²)	Livestock Census 2007	Livestock Density/Km ²
Bikaner	10,978	16,53,298	151



2.15 Poultry population data

Poultry	Total No. of birds ('000)
At Farms	6943
Backyard	79607

2.16 Fishery (Data source: Chief Planning Officer)

A. Capture						
i) Marine (Data Source: Fisheries Department)	No. of fishermen	Boats		Nets		Storage Facilities (Ice plants etc.)
		Mechanized	Non-mechanized plants	Mechanized (Trawl nets, Gill nets, etc.)	Non-mechanized (Shore Seines, Stake & trap nets)	
	NIL	NIL	NIL	NIL	NIL	NIL
ii) Inland (Data Source: Fisheries Department)	No. Farmer owned ponds		No. of Reservoirs		No. of village tanks	
	NA		NA		NA	
B. Culture						
			Water Spread Area (ha)		Yield (t/ha)	Production ('000 tons)
i) Brackish water (Data Source: MPEDA/ Fisheries Department)			NIL		NIL	NIL
ii) Fresh water (Data Source: Fisheries Department)			NA		NA	NA
Others						

2.17 What is the major contingency the district is prone to? (Tick mark)

	Regular	Occasional	None
Drought	✓		
Flood			✓
Cyclone			✓
Hail storm		✓	
Heat wave		✓	
Cold wave		✓	
Frost		✓	
Sea water intrusion			✓
Pests and disease outbreak (specify)	✓		
Others (specify)			

2.18 Include Digital maps of the district

Location map of district within State as Annexure I	Enclosed: Yes
Mean annual rainfall as Annexure 2	Enclosed: Yes / No
Soil map as Annexure 3	Enclosed: Yes



2.19 Production and productivity of major livestock and Fisheries in the district during the year

S N	Name of Animals	Numbers	%age
1.	Cattle	906075	32.04
2.	Buffaloes	193433	6.84
3.	Sheep	653028	23.09
4.	Goat	961907	34.02
5.	Camel	46209	1.63
6.	Horse	3047	0.10
7.	Mule	45	.001
8.	Donkey	8712	.30
9.	Pig	859	.03
10.	Poultry/Duck	23762	0.84
11.	Others	30208	1.06

PART III - TECHNICAL ACHIEVEMENTS

3.1 Details of target and achievements of mandatory activities by VUTRC, LUNKARANSAR during 2017-18

Activities	Targets	Achievement	Remarks (specify the reason for
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			shortfall, if any)
Training			
1. Farmers and Rural Youth			
No. of courses			-
No. of participants			
2.Extension Functionaries			
No. of courses			
No. of participants			
Extension Activities			
No. of activities			-
No. of participants			-

3.4 Extension & training activities

Sr. No	Activity	No. of activities organized	No. of Participants	Remark
1	Farmers/Rural youth Training	77	2536	-
2	KishanGosthi	01	225	-
3	Media coverage	29	Mass coverage	-
4	Extension Literature	-	-	
5	Training for extension functionaries	-	-	-
6	Lecture delivered in other programmes	NIL	NIL	-
7	TV News coverage	1	-	-
8	Animal Health Camp	NIL	NIL	-

3.3 Prioritized thrust area during the reporting period

Crop/Enterprise	Thrust area
Animal Production	To motivate the farmers, youths and farm women for dairy, poultry and pig farming for self-employment and income generation.
Dairy Production	To popularize Integrated Pest Management especially stress on treatment.
Germplasm Conservation	Encouraging farmers for conservation of good quality germplasm.
Kinno, Malta, Pomegranate, Aonla, Ber, Carrot, Methi, Onion, Muskmelon, Garlic,	To extend the area under fruit orchards and techniques in nursery raising and its proper management.
Fish Farming	To motivate the farmers for fish farming and fish seed production.
Beekeeping & Mushroom cultivation	To motivate the farmers for income generation through Bee- keeping and mushroom cultivation.
Income generate activities for farm women & rural youth	Introducing employment generation activities for farm women like fruit and vegetable preservation, tailoring, embroidery, soft toys making etc.
Crop Production	To increase the productivity of major field crops and encouraging farmers for sustainable agriculture through natural farming system using compost vermi compost, FYM and moisture conservation technology.

3.2Details of operational area covered during the year 2017-18

Tehsil	Gram Panchayat	Village	Source of Earning	Major Problems Identified	Identified Thrust Area
	Lunkaransar	Lunkaransar	1. Agriculture	1. Unemployment	To motivate the farmers, youths and farm
		Kalwas			



			2. Animal Husbandry & Dairying	2. Lack of knowledge about scientific dairy farming	women for dairying, poultry, bee-keeping, mushroom cultivation, raising fruit orchard and goat farming for self-employment and income generation
	Dhirera	Mehrana Dulmera village Dhirera station	3. Govt. Job	3. Unaware of role of vaccination	
	Khiyera	Khiyera	4. Private job	4. Don't know the importance of mineral mixture	Introducing employment generation activities for farm women like fruit and vegetable preservation, tailoring, embroidery, soft toys making etc.
		Bhadwa dudiwali	5. Business	5. Unavailability of green fodder round the year.	To increase the productivity of dairy animals and encouraging farmers for sustainable agriculture through natural farming system.
	Hansera	Dulmera station		5. Unaware of fodder/ forage conservation techniques.	Encouraging farmers for vaccination to their livestock animals.
		Udeshiya Dulmera		6. Unaware of govt. aided schemes for livelihood improvement	To popularize deworming especially stress on animal treatment and motivate the farmers for income generation through dairy farming.
	Sahaniwala	Sahaniwala udana		7. Capital Availability	To motivate the farmers use of mineral mixture for better productivity of dairy animals.
	Surnana	Surnana jakherwala		8. Unaware of good germ-plasm	To demonstrate the method of Silage & Hay making as a tool of fodder conservation
	Nathwana	Nathwana		9. Climate Change	Motivate the farmers to call expert for treatment of livestock
		Chak 247 Chak1 LKD		10. Lack of knowledge about nutritional value of soil	
	pipera	Pipera		11. Lack of awareness about water management	
	Bhiknera	Bhiknera sunera		12. uterine prolapsed in cattle.	
	Chakjod	Chakjod		13. infertility in cattle	
	Kapurisar	Kapurisar Malkisarchota Malkisar			
	goplyan	Goplyan dhirdhan			
	Rojha	Rojha Delanachota Delanabada 2 DLD rojha			
	Sherpura	Sherpura			
	Garabdesar	Garabdesar			
	bderan	Bderan Tejana mokhampura			
	karnisar	Karnisar munafarsar			
	Kujti	Kujti Khari			
	sehjrasar	sehjrasar			
	Sheksar	Sheksar khodala			
	suin	suin			
	DhaniPandusar	DhaniPandusar Amarpura			
	Makdasar	Makdasar Mosalki			
	Baladesar	Baladesar Asrasar Gusina Ratnisar			
	Ajitmana	Ajitmana			
	Mahajan	Mahajan			
	Rawasar	Rawasar Chandsar Nakodesar			
	Rambagh	Rambagh ghesura			
	Arjunsar station	Arjunsar			
	Kakadwala	Kakadwala Dhani-laxminarayan			
	bhadra	Bhadra hariyasar			
	Kalu	Kalu			
	Khokrana	Khokrana			



		Lalera Khileria aloda			
	Rajasarbhatiyaan	Rajasarbhatiyaan			
	Bamanwali	Utamdesar			

PART IV. TRAINING

4.1 Summary of achievements of training programme

Sr. No.	Client	No. of courses			No. of participants		
		On campus	Off campus	Total	On campus	Off campus	Total
1	F/FW & RY	7	70	77	237	2299	2536
Total		7	70	77	237	2299	2536

4.2 Farmers/Farm Women and Youth Training Including sponsored training programmes (On and off campus)

Area of training	No. of courses	No. of participants								
		General/OBC			SC/ST			Grand Total		
		M	F	T	M	F	T	M	F	Total
Importance of mineral mixture in animal feed	01	34	-	34	3	-	3	37	-	37
Dairy production and management	01	25	-	25	2	-	2	27	-	27
Vaccination & deworming in animal	01	31	00	31	09	01	10	40	1	41
Role of feed and fodder in dairy	01	35	-	35	-	-	-	35	-	35
Prevention of animal from various diseases	02	18	-	18	06	-	6	24	-	24
Nutritional management for milk cattle	01	28	-	28	01	-	01	29	-	29
Importance of mineral mixture in animal feeding	02	31	-	31	6	-	6	37	-	37
Dairy production and management	01	35	-	35	1	-	1	36	-	36
Vaccination & deworming in animals	01	31	-	31	-	-	-	31	-	31
Breed conservation and improvement	01	33	-	33	-	-	-	33	-	33
Prevention of animal from various diseases	01	35	-	35	-	-	-	35	-	35
Nutritional management for milk cattle	01	29	01	30	2	-	2	31	1	32
Improvement of Azolla in animal feeding	01	21	-	21	06	-	06	27	-	27
Prevention and control of infertility in dairy animals	01	29	1	30	-	-	-	29	01	30
Role of balanced diet in dairy animals		26	-	26	6	-	6	32	-	32
Prevention of heat strock in dairy animals	01	40	-	40	-	-	-	40	-	40
Scheduled vaccination in dairy animals	01	36	-	36	5	-	-	41	-	41
Importance of artificial insemination in dairy animals	01	26	-	26	3	-	3	29	-	29
Urea treatment of animal feed	01	33	-	33	-	-	-	33	-	33
Awareness about zoonotic diseases	01	16	3	19	9	-	9	25	3	28
Care of new born calf	01	23	1	24	4	-	4	27	1	28
Control of ecto and endo parasite	01	5	-	5	24	-	24	29	-	29
Improvement of indigenous breeds of dairy cattle	01	33	-	33	-	-	-	33	-	33
Role of mineral mixture in animals	01	37	-	37	6	-	6	43	-	43
Prevention and control of infertility in dairy cattle	02	11	-	11	22	-	22	33	-	33
Role of balanced diet in dairy animals	02	25	-	25	8	-	8	33	-	33
Clean milk production and animal health	01	28	5	33	1	-	1	29	5	34



Animal management at different stage	01	19	6	25	5	-	5	24	6	30
Sheep and goat farming	01	33	-	33	12	-	12	45	-	45
Breed improvement	01	33	-	33	2	-	2	35	-	35
Dairy management	01	29	-	29	2	-	2	31	-	31
Prevention of animal from various diseases	01	27	-	27	11	-	11	38	-	38
Importance of mineral mixture in animal feeding	02	6	-	6	24	-	24	30	-	30
Nutritional management for milk cattle	01	31	-	31	1	-	1	32	-	31
Enestrous problem in dairy animal	01	19	-	19	8	11	19	27	11	38
Breed improvement	01	28	-	28	1	-	1	29	-	29
Vaccination and deworming in animals	01	31	-	31	4	-	4	35	-	35
Clean milk production and animals health	01	33	-	33	8	-	8	41	-	41
Dairy management	01	25	-	25	10	-	10	35	-	35
Breed improvement	02	26	-	26	4	-	4	30	-	30
Nutritional management for milk cattle	01	29	1	30	11	-	11	40	1	41
Prevention and control of infertility in dairy cattle	01	24	-	24	1	-	1	25	-	25
Sheep and goat farming	01	14	3	17	10	-	10	24	3	27
Prevention of animal from various diseases	01	19	1	20	8	1	9	27	2	29
Role of balanced diet in animal feed	01	19	-	19	16	-	16	35	-	35
Role of feed and fodder in dairy	01	33	-	33	1	-	1	34	-	34
Importance of azolla and different method of production	01	25	-	25	7	-	7	32	-	32
Cattle feed storage and management	01	22	-	22	23	-	23	45	-	45
Vaccination and deworming in animals	01	31	-	31	2	-	2	33	-	33
Importance of mineral mixture in animal feeding	01	6	-	6	19	-	19	25	-	25
Dairy production and management	01	33	-	33	-	-	-	33	-	33
Enestrous problem in dairy animal	01	24	-	24	1	-	1	25	-	25
Breed conservation and improvement	01	17	-	17	16	-	16	33	-	33
Nutritional management for milk cattle	01	33	-	33	4	-	4	37	-	37
Vaccination and deworming in animals	01	25	-	25	5	-	5	30	-	30
Importance of mineral mixture in animal feeding	01	28	-	28	1	-	1	29	-	29
Prevention of animal from various diseases	01	26	2	28	22	-	22	48	2	50
Nutritional management for milk cattle	01	27	-	27	6	-	6	33	-	33
Prevention and control of infertility in dairy cattle	01	26	-	26	4	-	4	30	-	30
Sheep and goat farming	01	45	-	45	1	-	1	46	-	46
Prevention of animal from various disease	01	22	-	22	7	-	7	29	-	29
Cattle feed storage and management	01	27	-	27	5	-	5	32	-	32
Importance of mineral mixture in animal feeding	01	22	-	22	8	-	8	30	-	30
Breed conservation and improvement	01	18	-	18	13	-	13	31	-	31
Enestrous problem in dairy animal	01	26	-	26	9	-	9	35	-	35
Dairy production and management	01	24	-	24	6	-	6	30	-	30
Breed conservation and improvement	01	33	1	34	6	-	6	39	1	40
Nutritional management for milk cattle	01	29	-	29	6	-	6	35	-	35
Vaccination and deworming in animals	01	30	-	30	7	-	7	37	-	37
Importance of mineral mixture in animal feeding	01	33	-	33	2	-	2	35	-	35
Dairy production and management	01	16	-	16	9	-	9	25	-	25



Enestrous problem in dairy animal	01	22	-	22	10	-	10	32	-	32
Breed conservation and improvement	01	20	-	20	-	-	-	20	-	20
Nutritional management for milk cattle	01	27	-	27	4	-	4	31	-	31
Vaccination and deworming in animals	01	30	-	30	-	-	-	30	-	30
Importance of mineral mixture in animal feeding	01	40	2	42	3	-	3	43	2	45
Prevention of animal from various disease	01	26	-	26	4	-	4	30	-	30

PART V-EXTENSION ACTIVITIES

5.1. Extension Programmes

Natures of Extension programmes	No. of programmes	No. of participants (General)			No. of participants SC/ST			No. of Extension Personnel			Grand total		
		M	F	Total	M	F	Total	M	F	Total	M	F	Total
Field day	-	-	-	-	-	-	-	-	-	-	-	-	-
KisanGhoshthi			-					-	-	-			
Lectures delivered in other programmes	-	-	-	-	-	-	-	-	-	-	-	-	-
Media coverage		Mass coverage of farmers through newspaper and radio											
Popular articles	-	-	-	-	-	-	-	-	-	-	-	-	-
Extension Literature distributed		Mass distribution of Extension Literature to farmers in training camps											
Scientific farmer interaction		Kishangosthi											
Farmers visit to VUTRC	-	Farmers visit to VUTRC for consultation about disease management and entrepreneurship											
Animal Health Camp	-	All the Animal Health were organized with the help and collaboration of Animal Husbandry Dept.											-
Training								-	-	-			
Celebration of important days	-	International Soil Day were celebrated at VUTRC Campus											

5.2. Kisan mobile advisory (No. of farmers registered);Details of SMSs

Livestock & Fisheries Advisory	Kishan Mobile Advisory is routinely send from Director Extension Education to all the registered farmers of Veterinary University Training and Research Centre, Suratgarh.
Weather Advisory	
Market information	
Events information	
Inputs availability	
Others (specify)	
Total	



5.3 Detail of farm innovations along with farming innovation

- Name of farmer
- Title of innovations
- Description of innovation
- Practical utility
- Application of innovations
- Activities conducted for wide spread

PART VI – LINKAGE

9.1 Functional linkages with different organizations

Sr. No.	Name of organizations	Nature of linkages
1	I-Grade Veterinary Hospital, Lunkaransar	Involvement of V.O. in organizing VUTRC activities
2	Manager, icici Bank	Involvement in Animal Husbandry related training programmes
3	Range Officer, Forest Department	Involvement of Training and other activities
4	Aakaswani, Suratgarh	Involvement in Radio Talk
5	Saras Dairy, Lunkaransar	Involvement in training programmes
6	Veterinary Unit, Lunkaransar	Involvement in training programmes
7	Department of Agriculture	Involvement in training programmes
8	Department of Horticulture	Involvement in training programmes
9	ATMA (Agri. Tech. Manage. Agency)	Involvement in training programmes
10	Raj. State Seed Corporation	Involvement in training programmes

Note: The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, and participation in meeting, contribution received for infrastructural development, conducting training programmes and demonstration or any other

PART VII – FINANCIAL PERFORMANCE

10.1. Utilization of VUTRC funds during the year 2016-17 (Rs. In lakh)

S N	Particulars	Sanctioned	Released	Expenditure (Rs)
A. Recurring Contingencies				
1	Pay & Allowances			
2	Travelling allowances			
3	Contingencies			
A	Stationery, telephone, postage and other expenditure on running, publication of newsletter and library maintenance (Purchase of Newspaper 7 magazines)			
B	POL, repair of vehicles, tractor and equipments			
C	Meals/refreshment for trainees (ceiling upto Rs. 40/day/trainee be maintained)			
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			



<i>E</i>	Frontline demonstration except Oilseeds and pulses (minimum of 30 demonstration in a year)			
<i>F</i>	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			
<i>G</i>	Training of extension functionaries			
<i>H</i>	Maintenance of buildings			
<i>I</i>	Establishment of soil, plant & water Testing Laboratory			
<i>J</i>	Library			
TOTAL (A)				
B. Non-Recurring Contingencies				
1	Works			
2	Equipments including SWTL & Furniture			
3	Vehicle (Four wheeler/two wheeler, please specify)			
4	Library (Purchase of assets like books & journals)			
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

10.2. Status of revolving fund (Rs. In lakh) for the three years

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year
April 2015-16				

PART VIII– PUBLICATION, SUCCESS STORY

6.1. Literature Developed/Published (with full title, author& reference)

(A)VUTRC News Letter (Date of Start, Periodicity, number of copies distributed etc.)- Nil

(B) Literature developed/published

Item	Title	Authors name	Number of copies
Research papers	Nil		
Technical report	Nil		
Popular articles	Nil		
Leaflets / folders	Nil		
TOTAL			

6.2Details of Electronic Media Produced

Sr. No.	Type of media (CD /VCD /DVD /Audio-Cassette)	Title of the Programme	Number
01			
02			

6.3. Success Stories / Case Studies:



PART IX- OTHERS

11.1. External Aided Projects / Schemes : Nil

11.2. Any other activities worth mentioning:

1. Established 20 Azolla unit under ATMA project around the lunkaransar Tehsil given 4000 subsidy to farmer.
2. Exhibition in the Animal Husbandry fair got 1st prize (National livestock mission).Dated 26-27 September 2017.
3. Exhibition in urmulsetusansthanlunkaransar (Rathi Pashupalak mela). Dated 26-3-2018.

ANNEXURES

Annexure I – Date, title,venue and duration wise details of the training programmes for various clients

On-campus

Duration (from-to)	Clientele	Discipline	Title of training programme	Duration (in days)	No. of other participants (Gen./OBC)			No. of SC/ST Participants			Total no. of participants		
					M	F	T	M	F	T	M	F	Total
14-15 july.2017	F & RY	A.H.	Prevention and control of infertility in dairy animals	02	11	-	11	22	-	22	33	-	33
28-29 july.2017	F & RY	A.H.	Role of balance diet in dairy animals	02	25	-	25	8	-	8	33	-	33
10-11aug.2017	F & RY	A.H.	Importance of mineral mixture in animal feeding	02	6	-	6	24	-	24	30	-	30
7-8 sep.2017	F & RY	A.H.	Breed improvement	02	26	-	26	4	-	4	30	-	30
13 dec.2017	F & RY	A.H.	Prevention of animal from various diseases	01	26	2	28	22	-	22	48	2	50
19 jan. 2018	F & RY	A.H.	Breed conservation &improvement	01	18	-	18	13	-	13	31	-	31
12 march 2018	F & RY	A.H.	Prevention of animal from various diseases	01	26	-	26	4	-	4	30	-	30
Total				11	138	2	140	97	00	97	235	02	237

Off-campus

Date	Clientele	Discipline	Title of training programme	Duration (in days)	No. of other participants (Gen./OBC)			No. of SC/ST Participants			Total no. of participants		
					M	F	Total	M	F	Total	M	F	Total
12-4-2017	F & RY	A.H.	Importance of mineral mixture in animal feed	01	34	-	34	3	-	3	37	-	37
13-4-2017	F & RY	A.H.	Dairy production and management	01	25	-	25	2	-	2	27	-	27
17-4-2017	F & RY	A.H.	Vaccination & deworming in animal	01	31	00	31	09	01	10	40	1	41
22-4-2017	F & RY	A.H.	Role of feed and fodder in dairy	01	35	-	35	-	-	-	35	-	35

24-4-2017	F & RY	A.H.	Prevention of animal from various diseases	01	18	-	18	06	-	6	24	-	24
29-4-2017	F & RY	A.H.	Nutritional management for milk cattle	01	28	-	28	01	-	01	29	-	29
9-5-2017	F & RY	A.H.	Importance of mineral mixture in animal feeding	01	31	-	31	6	-	6	37	-	37
11-5-2017	F & RY	A.H.	Dairy production and management	01	35	-	35	1	-	1	36	-	36
15-5-2017	F & RY	A.H.	Vaccination & Deworming in animals	01	31	-	31	-	-	-	31	-	31
17-5-2017	F & RY	A.H.	Breed conservation and improvement	01	33	-	33	-	-	-	33	-	33
19-5-2017	F & RY	A.H.	Prevention of animal from various diseases	01	35	-	35	-	-	-	35	-	35
24-5-2017	F & RY	A.H.	Nutritional management for milk cattle	01	29	01	30	2	-	2	31	1	32
7-6-2017	F & RY	A.H.	Improvement of Azolla in animal feeding	01	21	-	21	06	-	06	27	-	27
8-6-2017	F & RY	A.H.	Prevention and control of infertility in dairy animals	01	29	1	30	-	-	-	29	01	30
13-6-2017	F & RY	A.H.	Role of balanced diet in dairy animals	01	26	-	26	6	-	6	32	-	32
15-6-2017	F & RY	A.H.	Prevention of heat stroke in dairy animals	01	40	-	40	-	-	-	40	-	40
21-6-2017	F & RY	A.H.	Scheduled vaccination in dairy animals	01	36	-	36	5	-		41	-	41
28-6-2017	F & RY	A.H.	Importance of artificial insemination in dairy animals	01	26	-	26	3	-	3	29	-	29
5-7-2017	F & RY	A.H.	Urea treatment of animal feed	01	33	-	33	-	-	-	33	-	33
6-7-2017	F & RY	A.H.	Awareness about zoonotic diseases	01	16	3	19	9	-	9	25	3	28
12-7-2017	F & RY	A.H.	Care of new born calf	01	23	1	24	4	-	4	27	1	28
18-7-2017	F & RY	A.H.	Control of ecto and endo parasite	01	5	-	5	24	-	24	29	-	29

19-7-2017	F & RY	A.H.	Improvement of indigenous breeds of dairy cattle	01	33	-	33	-	-	-	33	-	33
21-7-2017	F & RY	A.H.	Role of mineral mixture in animals	01	37	-	37	6	-	6	43	-	43
5-8-2017	F & RY	A.H.	Clean milk production and animal health	01	28	5	33	1	-	1	29	5	34
17-8-2017	F & RY	A.H.	Animal management at different stage	01	19	6	25	5	-	5	24	6	30
19-8-2017	F & RY	A.H.	Sheep and goat farming	01	33	-	33	12	-	12	45	-	45
21-8-2017	F & RY	A.H.	Breed improvement	01	33	-	33	2	-	2	35	-	35
22-8-2017	F & RY	A.H.	Dairy management	01	29	-	29	2	-	2	31	-	31
24-8-2017	F & RY	A.H.	Prevention of animal from various diseases	01	27	-	27	11	-	11	38	-	38
12-9-2017	F & RY	A.H.	Nutritional management for milk cattle	01	31	-	31	1	-	1	32	-	31
14-9-2017	F & RY	A.H.	anestrous problem in dairy animal	01	19	-	19	8	11	19	27	11	38
15-9-2017	F & RY	A.H.	Breed improvement	01	28	-	28	1	-	1	29	-	29
20-9-2017	F & RY	A.H.	Vaccination and deworming in animals	01	31	-	31	4	-	4	35	-	35
22-9-2017	F & RY	A.H.	Clean milk production and animals health	01	33	-	33	8	-	8	41	-	41
23-9-2017	F & RY	A.H.	Dairy management	01	25	-	25	10	-	10	35	-	35
25-10-2017	F & RY	A.H.	Nutritional management for milk cattle	01	29	1	30	11	-	11	40	1	41
26-10-2017	F & RY	A.H.	Prevention and control of infertility in dairy cattle	01	24	-	24	1	-	1	25	-	25
27-10-2017	F & RY	A.H.	Sheep and goat farming	01	14	3	17	10	-	10	24	3	27
30-10-2017	F & RY	A.H.	Prevention of animal from various diseases	01	19	1	20	8	1	9	27	2	29
6-11-2017	F & RY	A.H.	Role of balanced diet in animal feed	01	19	-	19	16	-	16	35	-	35

14-11-2017	F & RY	A.H.	Role of feed and fodder in dairy	01	33	-	33	1	-	1	34	-	34
15-11-2017	F & RY	A.H.	Importance of Azolla and different method of production	01	25	-	25	7	-	7	32	-	32
21-11-2017	F & RY	A.H.	Cattle feed storage and management	01	22	-	22	23	-	23	45	-	45
23-11-2017	F & RY	A.H.	Vaccination and deworming in animals	01	31	-	31	2	-	2	33	-	33
27-11-2017	F & RY	A.H.	Importance of mineral mixture in animal feeding	01	6	-	6	19	-	19	25	-	25
5-12-2017	F & RY	A.H.	Dairy production and management	01	33	-	33	-	-	-	33	-	33
8-12-2017	F & RY	A.H.	anestrous problem in dairy animal	01	24	-	24	1	-	1	25	-	25
15-12-2017	F & RY	A.H.	Breed conservation and improvement	01	17	-	17	16	-	16	33	-	33
18-12-2017	F & RY	A.H.	Nutritional management for milk cattle	01	33	-	33	4	-	4	37	-	37
22-12-2017	F & RY	A.H.	Vaccination and deworming in animals	01	25	-	25	5	-	5	30	-	30
27-12-2017	F & RY	A.H.	Importance of mineral mixture in animal feeding	01	28	-	28	1	-	1	29	-	29
6-1-2018	F & RY	A.H.	Nutritional management for milk cattle	01	27	-	27	6	-	6	33	-	33
10-1-2018	F & RY	A.H.	Prevention and control of infertility in dairy cattle	01	26	-	26	4	-	4	30	-	30
12-1-2018	F & RY	A.H.	Sheep and goat farming	01	45	-	45	1	-	1	46	-	46
17-1-2018	F & RY	A.H.	Prevention of animal from various disease	01	22	-	22	7	-	7	29	-	29
23-1-2018	F & RY	A.H.	Cattle feed storage and management	01	27	-	27	5	-	5	32	-	32
24-1-2018	F & RY	A.H.	Importance of mineral mixture in animal feeding	01	22	-	22	8	-	8	30	-	30
3-2-2018	F & RY	A.H.	anestrous problem in dairy animal	01	26	-	26	9	-	9	35	-	35
5-2-2018	F & RY	A.H.	Dairy production and management	01	24	-	24	6	-	6	30	-	30

7-2-2018	F & RY	A.H.	Breed conservation and improvement	01	33	1	34	6	-	6	39	1	40
15-2-2018	F & RY	A.H.	Nutritional management for milk cattle	01	29	-	29	6	-	6	35	-	35
22-2-2018	F & RY	A.H.	Vaccination and deworming in animals	01	30	-	30	7	-	7	37	-	37
24-2-2018	F & RY	A.H.	Importance of mineral mixture in animal feeding	01	33	-	33	2	-	2	35	-	35
6-3-2018	F & RY	A.H.	Dairy production and management	01	16	-	16	9	-	9	25	-	25
8-3-2018	F & RY	A.H.	anestrous problem in dairy animal	01	22	-	22	10	-	10	32	-	32
14-3-2018	F & RY	A.H.	Breed conservation and improvement	01	20	-	20	-	-	-	20	-	20
16-3-2018	F & RY	A.H.	Nutritional management for milk cattle	01	27	-	27	4	-	4	31	-	31
21-3-2018	F & RY	A.H.	Vaccination and deworming in animals	01	30	-	30	-	-	-	30	-	30
22-3-2018	F & RY	A.H.	Importance of mineral mixture in animal feeding	01	40	2	42	3	-	3	43	2	45
Total				15	1907	25	1932	354	13	367	2261	38	2299

KishanGosthi/Diwas:

Date	Clientele	Discipline	Duration (in days)	No. of other participants (Gen./OBC)			No. of SC/ST Participants			Total no. of participants		
				M	F	Total	M	F	Total	M	F	Total
24-02-2018	F-FW/Ry	A.H., Agri., Horti., Dairy, Seed Dev.	01	19	-	19	1	-	1	20	-	20
Total			01	19	-	19	1	-	1	20	-	20



VUTRC, Lunkaransar
Action Plan 2018-19 (Tentative)

Trainings On/Off Campus

Discipline	No. of courses			No. of total trainings
	F/FW	RY	EP	
On-Campus	10	10	10	30
Off-Campus	10	10	10	30
Total	20	20	20	60

F=FARMER, FW= FARM WOMEN, RY = RURAL YOUTH, EP = EXTENSION PERSONNEL

On campus:

Discipline	No. of courses			No. of total trainings
	F/FW	RY	EP	
ANIMAL HUSBANDRY	6	6	6	18
FISHERIES	2	2	2	06
MISCELLANEOUS	2	2	2	06
TOTAL	10	10	10	30

Off campus:

Discipline	No. of courses			No. of total trainings
	F/FW	RY	EP	
ANIMAL HUSBANDRY	8	8	8	24
MISCELLANEOUS	2	2	2	06
TOTAL	10	10	10	30

Long duration Vocational Training

Discipline	Title of program	Duration (Days)	Date	No. of participants	Type of participants
ANIMAL SCIENCE	Dairy management	3	May-June 15	20/ Training	PF
	Artificial Insemination	6	Aug.-Oct. 15	20/ Training	ESG & RY

PF= Progressive Farmers, ESG= Educated Science Graduate, RY= Rural Youth

On Campus Training:

S N	Title of Training	Discipline	Month	Duration	Participants No.
	(A) Farmers & Farm Women				
18	Animal Management at different stages	A.H.	April	2	30
19	Nutritional Management for Milk Cattles	A.H.	April	2	30
20	Sheep and Goat Farming	A.H.	May	2	30
21	Prevention of Animals from Various Diseases	A.H.	May	2	30
22	Integrated Fish Farming	Fisheries	June	2	30
23	Training on Animal Farming and its Management	A.H.	June	2	30
24	Breed Conservation and Improvement	A.H.	July	2	30
25	Clean Milk Production and Animal Health	A.H.	July	2	30



S N	Title of Training	Discipline	Month	Duration	Participants No.
26.	Create Awareness about Cattle Disease Management	A.H.	August	2	30
27.	Role of Feed and Fodder in Dairy	A.H.	August	2	30
28.	Clean Milk Production & Animal Health	A.H.	Sept.	2	30
29.	Miscellaneous		Sept.	2	30
	(B) Rural Youth				
30.	Animal Management at Different Stages	A.H.	Oct.	2	30
31.	Vermi-Culture	C.P.	Nov.	2	30
32.	Miscellaneous		Dec.	2	30
	(C) Extension Personnel				
33.	Dairy Management	A.H.	Jan.	2	30
34.	Miscellaneous		Feb.	2	30
Total :-				34	510

Off Campus Trainings:

S N	Title of Training	Discipline	Month	Duration	Participants No.
	(A) FARMERS & FARM WOMEN				
33.	Nutritional Management for Milch cattle	A.H.	April	1	30
34.	Dairy Management	A.H.	April	1	30
35.	Prevention of animals from various diseases	A.H.	May	1	30
36.	Breed improvement	A.H.	May	1	30
37.	Clean milk production and animal health	A.H.	June	1	30
38.	Create awareness about cattle disease management	A.H.	June	1	30
39.	Fish pond management	Fisheries	July	1	30
40.	Breed conservation and improvement	A.H.	August	1	30
41.	Importance of mineral mixture in animal feeding	A.H.	August	1	30
42.	Integrated fish farming	Fisheries	Sept.	1	30
43.	Anoestrous problems in dairy animals	A.H.	Sept.	1	30
44.	Nutritional Management for milk cattle	A.H.	Oct.	1	30
45.	Dairy Management	A.H.	Oct.	1	30



46.	Nutritional Management for Milch cattle	A.H.	Oct.	1	30
47.	Importance of mineral mixture in animal feeding	A.H.	Nov.	1	30
48.	Poultry production	A.H.	Nov.	1	30
49.	Role of feed and fodder in dairy	A.H.	Nov.	1	30
50.	Prevention of animals from various diseases	A.H.	Dec.	1	30
51.	Importance of mineral mixture in animal feeding	A.H.	Dec.	1	30
52.	Nutritional Management for milch cattle	A.H.	Dec.	1	30
53.	Dairy Management	A.H.	Jan.	1	30
54.	Vermi-culture	A.H.	Jan.	1	30
55.	Vaccination and deworming in animals	A.H.	Jan.	1	30
56.	Miscellaneous		Feb.	1	30
	(B) RURAL YOUTH				30
57.	Role of feed and fodder in dairy	A.H.	Feb.	1	30
58.	Vermi-culture	A.H.	Feb.	1	30
59.	Importance of mineral mixture in animal feeding	A.H.	March	1	30
60.	Poultry production	A.H.	March	1	30
61.	Dairy Management	A.H.	March	1	30
62.	Miscellaneous		July	1	30
	(C) EXTENSION PERSONNEL				30
63.	Importance of mineral mixture in animal feeding	A.H.	August	1	30
64.	Miscellaneous		Sept.	1	30
Total :-				32	960

Special: Fish Production training programmes at district level as well as fish production in diggies. Agriculture Technology Management Agency (ATMA), RastriyaKrishiVikasYojna (RKVY), etc. activities will be done as per directives from Directorate of Extension Education, RAJUVAS, Bikaner.

FRONT LINE DEMONSTRATIONS



Particular	No. of Demonstrations
Enterprise	
(a) Mineral Mixture	As many as possible
(b) Deworming	As many as possible
(c) Miscellaneous	As many as possible

OTHER EXTENSION ACTIVITIES

Activity	Proposed No.
Field days	5
Farmers day / Vichargosthi/ KishanGosthi	5
Scientist farmer interaction	2
Lectures to be delivered in other programmes	As per need
Campaigns	2
Animal Health Camp	10
Radio talks*	As many as possible
TV/Film show	As many as possible
News paper coverage	Where any event take place
Technology Transfer Clubs	Whenever new technology received

* Community listening "DheeneRi Bata" programme of RAJUVAS broadcasted from all the centres of AIR Rajasthan.

Veterinary University Training & Research Centre, Bakalia (Nagaur)

Annual Progress Report (1 April 2017 to March 31, 2018)



DIRECTORATE OF EXTENSION EDUCATION
Rajasthan University of Veterinary and Animal
Sciences, Bikaner-334001

Rajasthan University of Veterinary & Animal Sciences Bikaner

- | | | | |
|-----------|------------------------------------|---|--|
| 1. | Project Title | | Veterinary University Training & Research Centre (VUTRC) |
| 2. | Location | - | Nagaur |
| 3. | Area of Jurisdiction | - | Nagaur District |
| 4. | Year of Sanction | - | 2012-13 |
| 5. | Laying down the foundation stone – | | 9 th February 2013 |
| 6. | Period of Report | - | 1 st April 2017 to 31 st March 2018 |
| | Principle Investigator | - | Prof. (Dr) A.P Singh,
Director Extension Education, RAJUVAS,Bikaner |

1. General Information about the District

(A) Map of Nagaur District



B. Geography

Nagaur is located at 27.2°N 73.73°E.^[2] It has an average elevation of 302 metres (990 feet). Nagaur is situated amidst seven districts namely Bikaner, Churu, Sikar, Jaipur, Ajmer, Pali, Jodhpur. Nagaur is the fifth largest district in Rajasthan with a vast terrain spreading over 17,718 km². Its geographical spread is a good combine of plain, hills, sand mounds & as such it is a part of the great Indian Thar Desert.

C. History of Nagaur

The fort is of historical importance.^[1] The Rajput rulers dominated Nagaur for a longer period. Nagaur ruler were repeatedly forced to pay tribute to the Sisodias of Chittor while their lands were slowly annexed by the Rathors of Jodhpur. In fact the case of Nagaur vividly illustrates the turning back of the tide of Islamic conquests in Rajputana in the 14th and 15th Centuries. Nagaur, north to Bikaner, and up to the border of Punjab, was called Jangladesh in ancient times. The remains of some of the earliest settlements along the banks of the long



dried-up Saraswati River can be seen to this day—in a later age it came under the Naga rulers after whom the town of Nagaur (Naga-pura) is named. The name of Jangladesh was known till a very late period. The Rajput rulers of Bikaner, whose territory eventually embraced the bulk of Jangla country, sported the title **Jai Jangaldhar Badshah**, which was emblazoned on the state coat of arms during the British Raj. In the medieval era the town of Nagaur sat astride trade routes coming north from Gujarat and Sindh and those on the west crossing the Indus from Multan. With a dead flat plain all around, the defense of the fort depended on the military and economic power of its rulers—and from the period of the Ghaznavid invasions Nagaur was under the powerful Chauhan clan. A succession of rulers kept the whole of Jangladesh free from foreign rule down to the reign of Prithviraj Chauhan III at the close of the 12th Century. That Nagaur town came under the invaders is clear since Balban, before becoming Sultan, was given an estate centered on this desert town. But just as there were petty Hindu chiefs (of numerous castes) in the vast lands between Ajmer and Delhi, it is reasonable to suppose that such landholders were also present in the lands between Ajmer and Nagaur, paying land revenue to the Muslims and probably joining their army.

Another similarity between Ajmer and Nagaur is the early founding of Sufi shrines at both places. One of the earliest Sufis to come to Nagaur was Sultan Tarkin, whose shrine was established during Hindu rule. After Khwaja Moinuddin established the Chishti Sufi order at Ajmer one of his disciples, named Hamiduddin, came to Nagaur. Hazrat Hamiduddin accommodated some Hindu principles in his teachings—he became a strict vegetarian and lovingly reared a cow in his shrine.

In 1306 a Mongol army ravaged Nagaur. The Khalji Turks had begun pushing deeper into the lands of the independent Rajput rulers and even further into South India. In the midst of this expansion they lost some of the important Rajput forts like Jaisalmer, Chittor, and Siwana, while guerrilla warfare made the regions of Marwar and Mewar impassable for the Muslim armies. Some of the other forts and towns were lost to the Rajputs after the break-up of the Delhi Sultanate in 1351. With the death of Firuz Tughlaq in 1388 the remaining strongholds like Ajmer and Nagaur came under their own hereditary governors. Turks of the Dandani tribe became Sultans, The Sultans of Nagaur taxed the money earned by the people from trade, agriculture, and from the vast herds of cattle, goats, and camels. In addition, like in the Delhi Sultanate, jaziya and a pilgrimage tax taken from Hindus brought significant sums to the treasury and enabled the Dandani Turks to match their neighbors in battle.

While Nagaur was still swearing a nominal allegiance to Delhi, two ominous events occurred in the neighborhood within a short period. One was the campaign of Rana Lakha (1389–1404) of Mewar, which saw a Rajput army ravaging Ajmer and pushing on to the Jhunjhunun region near Delhi. The second was the capture of Mandore by Rao Chunda (1390–1422) of the Rathor clan—this city henceforth became the Rathor capital and gave Rao Chunda a convenient base for attacking Nagaur. Rao Chunda also changed horses mid-stream and formed an alliance with Mewar, where the Rathor princess Hamsabai was married to the old Rana Lakha, who in turn promised to make her son the next Rana. On the strength of this alliance Chunda subdued Rajput clans like the Bhatīs and Mohils and again invaded Nagaur, forcing Muslim rulers to make peace by paying him tribute. In 1422 these three



defeated powers made an alliance and killed Chunda on the outskirts of Nagaur—Chunda's son Ranamalla was then at Mewar and his brothers sought to capture the throne at Mandore.

With the help of the Mewar army, Ranamall defeated his brothers and became the head of the Rathor clan. In 1428 he led this joint Sesodia-Rathor army to punish the Turks of Nagaur where he stormed the fort and killed Firuz Khan. The next Sultan of Nagaur Qiyam Khan paid tribute to Mewar till 1438 when Ranamall Rathor was killed at Chittor and the Sesodias invaded Marwar. The conflict between the two Rajput clans was the opportunity for the Nagaur that had been smarting under their dominance—the Sultans of Gujarat and Malwa fought Mewar for almost twenty years and were ultimately compelled to form an alliance against the strong Rajput state.

With its two Rajput enemies simultaneously in trouble, Nagaur regained independence and its Sultans their former power, which was reflected in the internal politics of the neighboring Delhi Sultanate. In 1451 the minister of the last Sayyid ruler invited Qiyam Khan to seize Delhi and become Sultan—at the same time he sent a similar invitation to Bahlul Lodi, the Afghan governor of Sirhind. The latter, being closer to Delhi, reached first and established the Lodi dynasty, while the disappointed Qiyam Khan retired with his army to Nagaur.

After his death in 1453 the succession to the Nagaur throne was disputed between the brothers Mujahid Khan and Shams Khan. Rana Kumbha, who had emerged victorious in the long war with the Sultan of Malwa and the Rathors, sent his army to aid Shams Khan who was installed as the Sultan. As a price of his support Kumbha demanded that a portion of the Nagaur fort be demolished, but this Shams Khan Dandani would not do—instead he formed a matrimonial alliance with Sultan Qutb-ud-din of Gujarat.

In 1456 Rana Kumbha defeated the allied Muslim army and again captured Nagaur. On this occasion the great mosque at Nagaur, built by Firuz Khan, was demolished by the Rajputs to signify Kumbha's displeasure against Shams Khan and to impose the status of a vassal on him. For the next two years the Sultans of Gujarat and Malwa formed an alliance to fight against Rana Kumbha, but by this time Mewar had again become the dominant power in North India—not the least because of a peace treaty with the Rathor clan.

Rao Jodha, the head of the Rathor clan, had founded a new capital called Jodhpur and had recovered most of his other forts from the Sisodias. The war between the two clans was brought to an end in 1458 by a treaty. But this did not make Nagaur independent—rather its territory became food for the hungry and fast multiplying Rathor clan.

Jodha's son Bika, with a portion of the Rathor clansmen, captured the northern portions of Nagaur and founded a new city called Bikaner. Another son named Duda captured Merta lying to the east of Nagaur—the Sultanate of Nagaur was now shrunk to the main town and a few surrounding villages. The policy of the sultans was to maintain independence by either paying tribute to the head of the Rathor clan or to the Lodis of Delhi.

In 1513 Nagaur was defeated and compelled to pay tribute—subsequently Rao Lunkaran protected Nagaur, as his vassal state, from an attack by his own kinsman Rao Ganga of Jodhpur. The territory of the Sultanate had now shrunk to just the town of Nagaur.



In Nagaur though, the powerless dynasty of the Dandani Turks was formally ended and an Afghan army was left in control of the fort and town. This force was ousted by the Mughals under Akbar in 1562. Akbar also captured the fief of Merta—the Rathor ruler of Merta, the famous Jaimal took up service with the Rana of Chittor and died defending that fort from Akbar in 1569. Akbar's campaign in Rajputana had some similarity with Sher Shah's in that he made alliances with the smaller Rajput states like Bikaner and Amber and used them against the bigger states.

Nagaur remained under Mughal control, but was actually administered by one of the nearby Rajput rulers. In the time of Shah Jahan the heir of the Jodhpur throne, Amar Singh Rathore was disinherited by his father and was granted Nagaur as compensation by the Mughal Emperor. Many of the buildings in the town date from this period. During Aurangzeb's war against the Rathors in 1679 the headship of the clan was given to Indra Singh (nephew of the dead Maharaja Jaswant Singh) of Nagaur—but he was overthrown by Jaswant's son Ajit Singh and his general Durgadas who permanently annexed Nagaur to the Kingdom of Jodhpur. After independence, Nagaur had the honour of being selected as the place in the country from where the Democratic Decentralisation process was launched by the late Shri Jawaharlal Nehru, the first Prime Minister of India on 2 October 1959.

Nagaur has importance in cattle fair, Every year in month of February, it organizes huge bullock/camel fair "Ramdev Pashumela". Nagaur district has got plenty of limestone, salt and other type of stones. Industry In 1984 India's first white cement plant, JK White Cement was established in gotan, 100 km from nagaur.

D) Tehsil/Gram Panchayats/Villages in district –

The district with headquarter at Nagaur is divided into 12 Main tehsils. These are Nagaur, Khinvsar, Jayal, Merta City, Degana, Didwana, Ladnun, Parbatsar, Makrana, Kuchaman City, Nawa, Mundwa. all of these are Sub-divisions also. There are 11 blocks, 467 gram panchayats, and 1610 villages in the district.

Name of Sub-division	Name of Tehsil	Name of Panchayat Samiti	Name of Municipal Town
Nagaur	Nagaur,	Nagaur	Nagaur, Mundwa, Kuchera
Ladnu	Ladnu	Ladnu	Ladnu
Mertacity	Mertacity, Riyabari	Mertacity	Mertacity
Degana	Degana	Degana, Riyabadi	-----
Nawa	Nawa, Kuchaman	Kuchamancity	Nawa, Kuchamancity
Didwana	Didwana	Didwana	Didwana
Parbatsar	Parbatsar	Parbatsar	Parbatsar
Makrana	Makrana	Makrana	Makrana
Jayal	Jayal	Jayal	---
Khinwsar	Khinwsar	Mundwa	-----



E. Climate

Nagaur has a dry climate with a hot summer. Sand storms are common in summer. The district's climate is marked by extreme dryness, large variations of temperature & highly irregular rainfall patterns. The maximum temperature recorded in district is 117F with 32F as the lowest recorded temperature. The average temperature of the district is 74 F. The winter season extends from mid November until the beginning of March. The rainy season is relatively short, extending from July through mid September. There are ten climatological stations within the district, being within the cities of Nagaur, Khinvsar, Didwana, Merta, Parbatsar, Makarana, Nawa, Jayal, Degana & Ladnun. The average rainfall in the district is 36.16 cm & 51.5% relative humidity

F. Demographics

As of 2011 India [census](#),^[1] Nagaur District's Demographics statuses:-

Total Population	3340234
Male	1679570
Female	1660474
% Decadal Growth (2001–11)	19.25
Sex Ratio	948
Density	187
Child Population (0-6)	498585
Literacy Rate (Total)	64.08
Literacy Rate (Male)	78.90
Literacy Rate (Female)	48.63

G) Status of livestock and poultry in the district –

S No.	Species		Population
1.	Cattle	Exotic/ C.B. cattle	72611
		Indigenous	428979
		Total Cattle	501590
2.	Buffalo		556598
3.	Sheep		584841
4.	Goat		1485051
5.	Horses & Ponies		2086
6.	Mules		40
7.	Donkeys		1771
8.	Camel		10578
9.	Pig		7456
10.	Livestock		3150011
11.	Dogs		15155
12.	Rabbits		613
13.	Poultry At Backyard		74245
14.	Poultry At Farm		548
15.	Total Poultry		74793



H) District Agriculture profile –

The total net sown area in the district is 1276410 ha. of which about 192447 ha. is sown more than once. In the district approximately 80.0 % area is exclusively under rainfed cropping the total area under kharif crops 1200867ha. While 309307 ha. Under rabi crops. The Bajra (pearl millet) is the main kharif crop of the district, occupying an area of 487066 ha. In Rabi crops of which Mustard is the major crop occupying an area of 59877 ha. Other crops grown are wheat, Gram, cumin, Fennel, Methi, Isbgol and Barley in Rabi & Moth, Moong Guar, Groundnut, Cotton, Cowpea in Kharif Season. In vegetables crops like onion, Chillies and cucurbites are grown. Under fruits crops Aonla, Ber, Lemon, Anar and Beal can be grown easily.

2. General Information about VUTRC

a) Name and address of VUTRC with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
VUTRC, BAKALIA, LADNUN, Nagaur (Raj.), Pin code- 341306	+91581 200319	-	Vutrcnagaur.rajuvas@gmail.com

b) Name and address of host organization with phone fax and e-mail

Address	Telephone		E mail
	Office	FAX	
DEE, RAJUVAS, Bikaner	+91151-2200505	+91151-2549348	deerajuvas@gmail.com

c) Name of the Principal Investigator with phone & mobile No

Name	Telephone / Contact		
	Residence	Mobile	Email
Prof. (Dr.) A.P.Singh	Bikaner	+919460070996	deerajuvas@gmail.com



e) Staff Position: (As on 31st March, 2018)

SN	Name of Post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)/month	Date of joining	Permanent /Temporary
1.	Associate Professor	----	----	----	----	--	----
2.	Assistant Professor	Dr.AtulShanker Arora	Incharge	Vety. & A.H. Extension Education	15600-39100+6000	04 th Dec 2017	Permanent
3.	Teaching Associate	*Dr. Parmjeet	Teaching Associate -	Veterinary Medicine	40,000	01 st may 2017	Temporary
3.	Technical Staff	*Livestock Assistant	-	Diploma	12820	5 th Feb 2012	Temporary
4.	Supportive Staff	* Skilled Worker	-	-	6058	1 th Dec 2017	Temporary
5.	Supportive Staff	*Unskilled Worker	-	-	5538	1 st April 2016	Temporary

* Contractual

3.Objectives of VUTRC:

1. To conduct survey of the operational area in order to prepare the resource inventory with special reference to identifying the training needs of the farming community.
2. To impart training on the felt need of the end users, practicing farmers.
3. To act as two way channel between University and the farmers to identify the field based livestock problems and also to pass on the remedial measures.
4. To motivate and encourage in establishing livestock farms for self employment by the local farmers.
5. To conduct on farm trials on the latest research findings of the University and field oriented problems specific to the area.



4. Infrastructural Development

a. Buildings

SN	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq m)	Expenditure (Rs)	Starting Date	Plinth area (Sq m)	Status of construction
1	VUTRC Bakalia	RAJUVAS Bikaner	2014	----	----	----	----	----

b. Vehicle:

Type of Vehicle	Year of Purchase	Cost (Rs)	Total hours run	Present status
Toyota Etios	----	----	1500 km run/month	Available

* Vehicle is hired as per DEE order from 21 Feb 2018 to 21 feb 2019

c) Equipments & AV aids purchased reporting period

Name of the equipment	Year of purchase	Number	Cost (Rs)	Source of funding	Present status
Digital Camera-	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015	RKVY	In Working Condition
Computer	2013-14	02	Transferred from office of DEE Bikaner in Dec 2015	RKVY	In Working Condition
Printer	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015	RKVY	In Working Condition
Public Address System Mike and Speaker	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015	RKVY	In Working Condition
LCD Projector	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015	RKVY	In Working Condition
Xerox Machine	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015	RKVY	Not Functional Condition
Inverter Battery	2016-17	01	Transferred from office of DEE Bikaner in Nov.2016	RKVY	In Working Condition
Monitor LCD 40 Inch Full HD	2016-17	01	Transferred from office of DEE Bikaner in March 2017	RKVY	In Working Condition



5. Technical Achievements

1. Survey Report: Submitted to DEE RAJUVAS

2. Trainings:

1. Off Campus trainings:

Period	No. of Activity	No. of participants		
		Male	Female	Total
April – 2017	06	126	07	133
May – 2017	08	130	51	181
June – 2017	08	204	00	204
July – 2017	09	205	05	210
August – 2017	08	184	00	184
September-2017	04	085	00	85
October-2017	05	105	11	116
November-2017	05	133	18	151
December-2017	08	153	38	191
January-2018	06	175	22	197
February-2018	06	189	00	189
March -2018	08	237	20	257

2. On Campus trainings:

Period	No. of Activity	No. of participants		
		Male	Female	Total
July – 2017	01	15	00	15
August – 2017	01	16	00	16
September-2017	04	94	43	137
December-2017	01	00	20	20
February-2018	01	01	20	21

**3. Vichar Gosthi**

Period	No. of Activity	No. of participants		
		Male	Female	Total
April – 2017	02	44	21	65
January-2018	01	26	00	26
February-2018	01	01	30	31
March -2018	01	20	00	20

4. Farmers – Scientist Interaction:

Period	No. of Activity	No. of participants		
		Male	Female	Total
January-2018	01	24	00	24

5. Exhibition:

Period	No. of Activity	No. of participants		
		Male	Female	Total
August – 2017	01	120	35	155
March -2018	01	40	90	130

6. Other activities (if any other than 1-7):

- a. Delivered a Lacture in NLM Project organised by animal husbandry dept. at 15.02.2018.
- b. Farm Advisory Services and three Success Stories Covered.

7. Participation in conference/Symposium/Workshops/Meetings/Trainings/others:

- a. Attended Extension education council meeting Bikaner held on 18th June 2017
- b. Delivered lecture at Rajasthan Agricultural Competitiveness Project at Kisan Seva Kendra, Ladnun
- c. Performing duties as external examiner and observer in AHDP External examination.
- d. Attended and participated in Krishi and Pashu vigyan mela at Bikaner on 6th October 2017.
- e. Delivered guest lecture in Farmers meeting at sandas village on 06.11.17 under PKVY project.
- f. Delivered guest lecture in Farmers meeting at silanwad village on 13.11.17 under PKVY project.



- g. Delivered guest lecture in Farmers meeting at khamiyad village on 14.11.17 under PKVY project.
- h. Delivered guest lecture in Farmers meeting at Baldu village on 17.11.17 under PKVY project
- 8. Research paper published in international/National Journals: Nil**
- 9. Popular article published: Nil**
- 10. Radio/T.V Talk delivered:**
- 11. News papers coverage: 07 news paper coverage.**

LIVESTOCK FARMER'S TRAININGS ORGANIZED BY VUTRC BAKALIA NAGPUR

Topics covered in Trainings:

- 1. Vaccination- Prevention is Better than Cure**
- 2. Breed Improvement through Artificial Insemination**
- 3. Repeat Breeding in Animals and Solutions**
- 4. How to improve milk production**
- 5. Improved Milk Production in Animals through Breed Improvement**
- 6. Care of new born calf**
- 7. Clean Milk Production**
- 8. Importance of Hygiene in better Animal Productivity**
- 9. Economic Improvement through Adoption of Improved Animal Husbandry Techniques**
- 10. Importance of Minerals in Animal Health, Reproduction and production**
- 11. Care and Management of Pregnant Animals**
- 12. Breed Improvements in Animals Results in Milk Production**
- 13. Animal Husbandry is the Main Source of income in Rural Areas**
- 14. Veterinary First Aid etc.**
- 15. Importance of goat farming and milk**
- 16. Prevention and control of foot and mouth disease**
- 17. Prevention and control of black quarter disease**
- 18. Prevention and control of enterotoxemia**
- 19. Vaccination Schedule of cattle and buffalo**
- 20. Deworming schedule of animals**
- 21. Feeding management of Pregnant and Lactating animals**
- 22. Method of making hay and silage**
- 23. Artificial insemination useful tips for farmers**
- 24. Importance of Azolla Production in Animal Husbandry**
- 25. Dairy Management**

LIVESTOCK FARMER'S TRAINING AT VILLAGES AND ON CAMPUS AT VUTRC NAGPUR



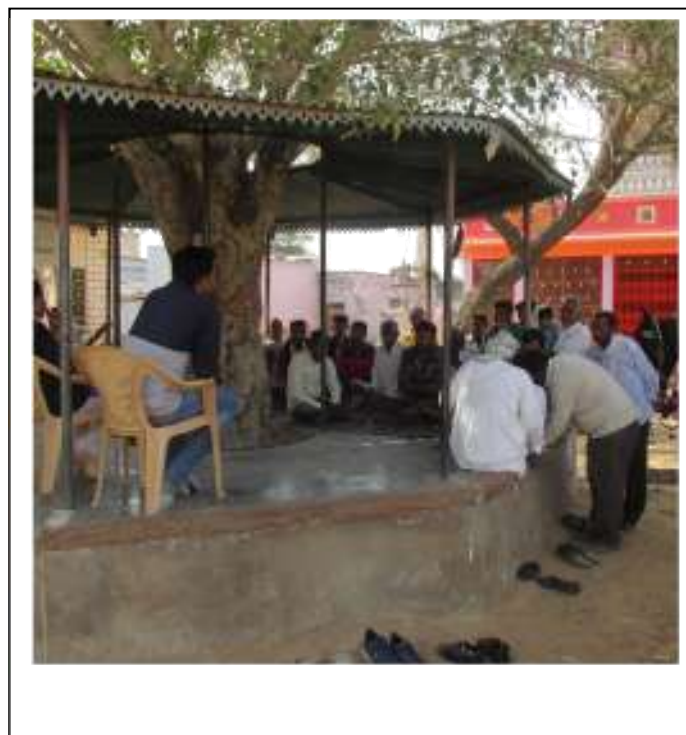


Farmer Scientist Interaction -2017-2018

Detail of Farmer Scientist Interaction Nagaur District 2017-18

S. No.	Name of Village	Date	No. of farmers
1	Bader	15.01.2018	24

Total No. of farmers contacted= 24



Mera Gaon Mera Gaurav- 2017-2018

As per the guideline of ICAR, and as per instruction of DEE, RAJUVAS, under Mera Gaon Mera Gaurav VUTRC Bakalia Nagaur had selected and adopt village Dujjar in Ladnun tehsil of Nagaur district. The main purpose is to identify the basic needs and to provide knowledge about improved practices of veterinary and animal sciences. For this baseline survey of village Dujjar was already completed and monthly visits were carried out by VUTRC Bakalia. During this, Ghoshtis were organized, on Farm Visit conducted and consultancy services provided to the farmers of Dujjar village.

Detail of ghosthis/Training camp in Dujjar village under MGMG- 2017-2018

S. No.	Name of MGMG Selected Village	Date of Visit/ Extn Work/ Ghosthis	No. of farmer's contacted
1	Dujjar	20/05/2017	32
2	Dujjar	20/07/2017	21
3	Dujjar	21/08/2017	25
4	Dujjar	22/09/2017	16
5	Dujjar	20/11/2017	39
6	Dujjar	12/12/2017	19
7	Dujjar	11/01/2018	26
8	Dujjar	09/02/2018	31
9	Dujjar	21/03/2018	21

Total No. of Farmers contacted= 230



Exhibitions organized by VUTRC Bakalia Nagaur in 2017-2018

Detail of Exhibitions in 2017-18

S. No.	Name of Village	Date	No. of farmers
1	Shri Hanuman Pashumela Pabulaw	23.08.17 to 28.08.17	14
2	Neembhi Jhodha	23.03.2018	35

Total No. of farmers contacted=

49



YUTRC BAKALIA NAGPUR ACTIVITIES PUBLISHED IN NEWSPAPER



