

# ANNUAL REPORT

## 2018-19



॥ पशुधनं नित्यं सर्वलोकोपकारकम् ॥

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

## प्रसार शिक्षा निदेशालय राजस्थान पशुचिकित्सा और पशु विज्ञान विश्वविद्यालय, बीकानेर

### —:प्राक्कथन:—

प्रसार शिक्षा निदेशालय एक नोडल एजेन्सी के रूप में वेटरनरी विश्वविद्यालय की प्रसार-प्रचार सेवाओं को गांव-ढाणी तक पहुंचाना व पशुधन विकास के महती कार्य में जुटा हुआ है। पशुधन विकास के लिए विश्वविद्यालय के जनोपयोगी अनुसंधान कार्यों 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, पशुओं की रोग निदान सेवाएं, 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। राजुवास का प्रसार शिक्षा निदेशालय वैज्ञानिक प्रशिक्षण, सलाहकारी सेवाएं और संचार जैसे तीन प्रमुख क्षेत्रों में कार्य कर रहा है।

### राज्य के 13 जिलों में पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्रों की स्थापना:

राज्य 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 हैं। साथ ही स्थानीय समस्याओं पर अनुसंधान एवं उनका समाधान भी जिले में ही संभव हो पा रहा है। इन केन्द्रों पर प्रयोगशाला भी स्थापित की गई हैं, जहां पशु रोग निदान का कार्य किया जा रहा है। अब तक बाकलिया (नागौर), सूरतगढ़, चूरू, कुम्हेर (भरतपुर), अजमेर, सिरोही, डूंगरपुर, टोंक, धौलपुर, कोटा, बोंजून्दा (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 वर्ष 2012 से कार्यशील 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 नव तकनीक के प्रसार और प्रौद्योगिकी को पशुपालकों तक हस्तांतरण का महती कार्य कर रहा है।

### वैज्ञानिक प्रशिक्षण कार्यक्रमों का आयोजन:

राज्य में पशुधन उत्पादकता बढ़ाने और पशुपालकों की आजीविका को बढ़ाने के लिए पशुपालन के अत्याधुनिक तौर तरीकों साथ प्रसार सेवाओं द्वारा 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 पैरावेट्स को प्रशिक्षित किया जाता है ताकि पशुचिकित्सा कार्मिकों की दक्षता का विकास हो, जिससे वे उन्नत नई पशुचिकित्सा तकनीक में पशु रोगों 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 नवीनतम पशुचिकित्सा तकनीकों का उपयोग, पशु कल्याण कार्यक्रम और पशुपालकों के गांवों तक किया जा सके। इन शिविरों के माध्यम से पशुपालकों को मिलने वाली पशुचिकित्सा सेवाओं और पशुपालन तकनीक को पशुपालकों तक पहुंचाने और पशु उत्पादकता बढ़ाने और पशुधन स्वास्थ्य को उत्तम बनाए रखने में मदद मिलती है।

#### **धींघें री बात्यां—वैज्ञानिक वार्ताओं का रेडियो प्रसारण:**

पशुपालकों और कृषकों के लिए वेटेरनरी विश्वविद्यालय के प्रसार शिक्षा निदेशालय द्वारा तैयार “धींघें री बात्यां” रेडियो कार्यक्रम का प्रसारण 10 जनवरी, 2013 (गुरुवार) से 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 “धींघें 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 मिल रहा 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 वर्ष 2013-14 से किया जा रहा है। यह प्रकाशन प्रगतिशील 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 “धींघें री बात्यां” कार्यक्रम की सूचना भी दी जाती है।

(प्रो. ए.ए. गौरी)  
निदेशक प्रसार शिक्षा

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# DIRECTORATE OF EXTENSION EDUCATION



## ANNUAL PROGRESS REPORT (2018-19)



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



## **Directorate of Extension Education, Bikaner**

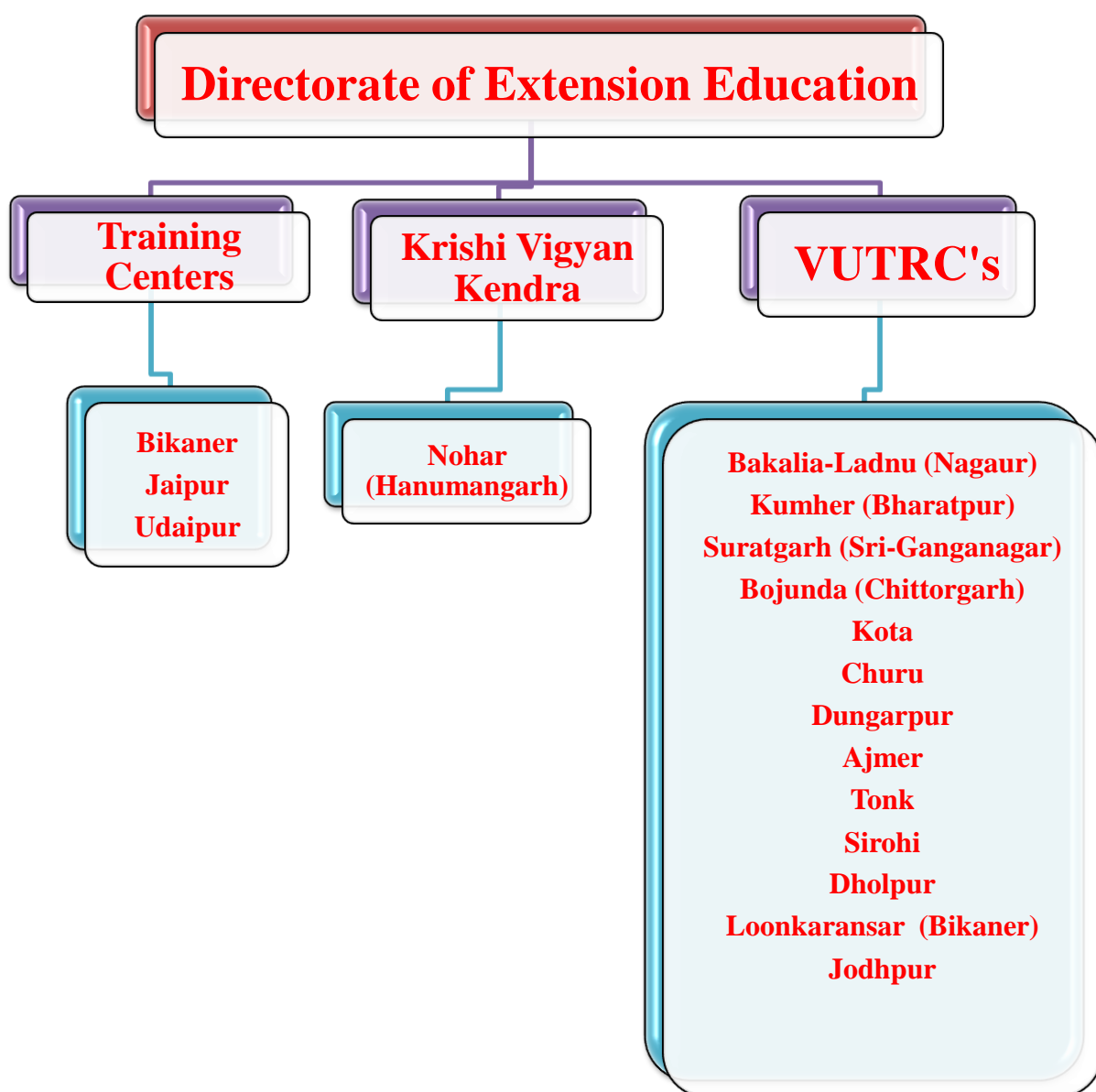
### **Rajasthan University of Veterinary and Animal Sciences, Bikaner**

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, Krishi Vigyan Kendra (KVK), Veterinary University Training and Research Centre (VUTRCs) 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

- Thirteen Veterinary University Training and Research Centres (VUTRCs) have been functional at Nagaur, Suratgarh, Bharatpur, Chittorgarh, Tonk, Dungarpur, Sirohi, Kota, Ajmer, Churu, Dholpur, Loonkaransar and Jodhpur.
- A Krishi Vigyan Kendra (KVK) at Nohar (Hanumangarh) has been established and functional.
- Radio Programme “*Dhine Re Batyaa*” for livestock farmers form 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, VUTRCs and KVK.
- Animal treatment camps on tacking infertility are organizing regularly.
- DEE is regularly brining 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
	<b>Total</b>	<b>10</b>		

**Krishi Vigyan Kendra, Nohar (Hanumangarh-II):**

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 9<sup>th</sup> 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:**

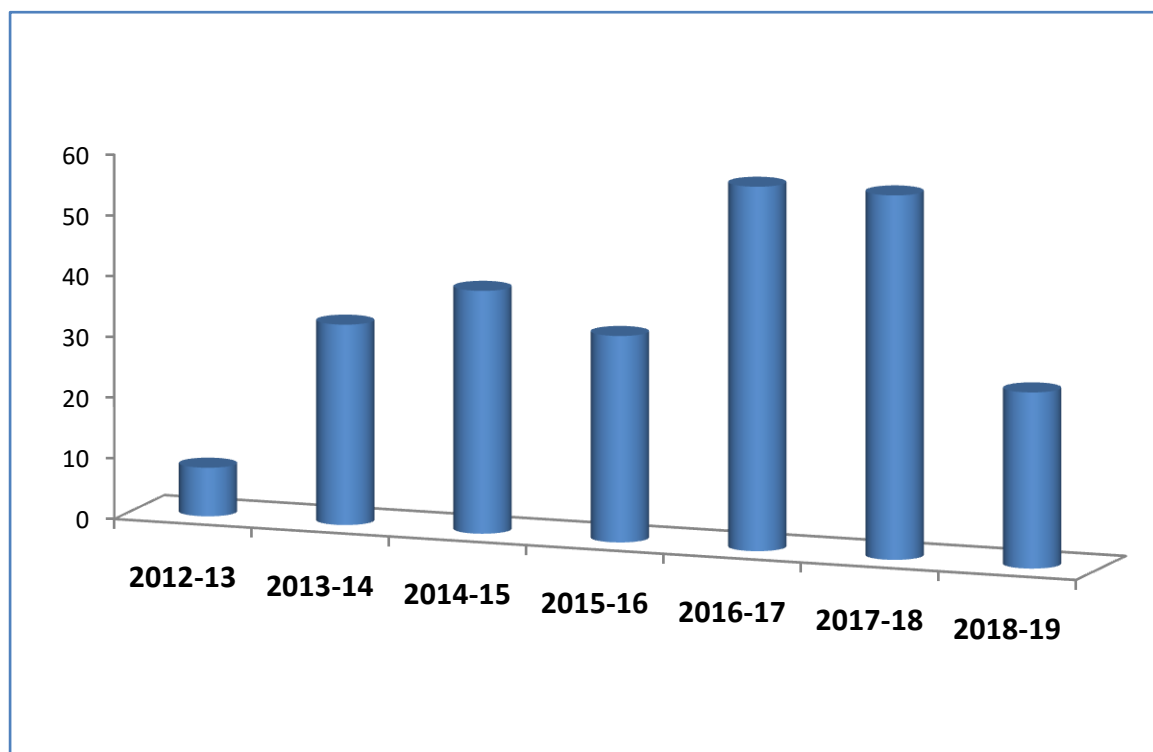
S. No	Name of Post	No. of Post	Pay Scale	Grade Pay
1.	Programme Coordinator	1	15600-39100	8000
2.	Subject Matter Specialist	6	15600-39100	5400
3.	Technical Assistant (Farm Manager)	1	9300-34800	3600
4.	Programmer Assistant (Computer)	1	9300-34800	3600
5.	Programme Assistant (Lab Tech.)	1	9300-34800	3600
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
	<b>Total</b>	<b>16</b>		

**Extension Activities Organized by KVK (2018-19):**

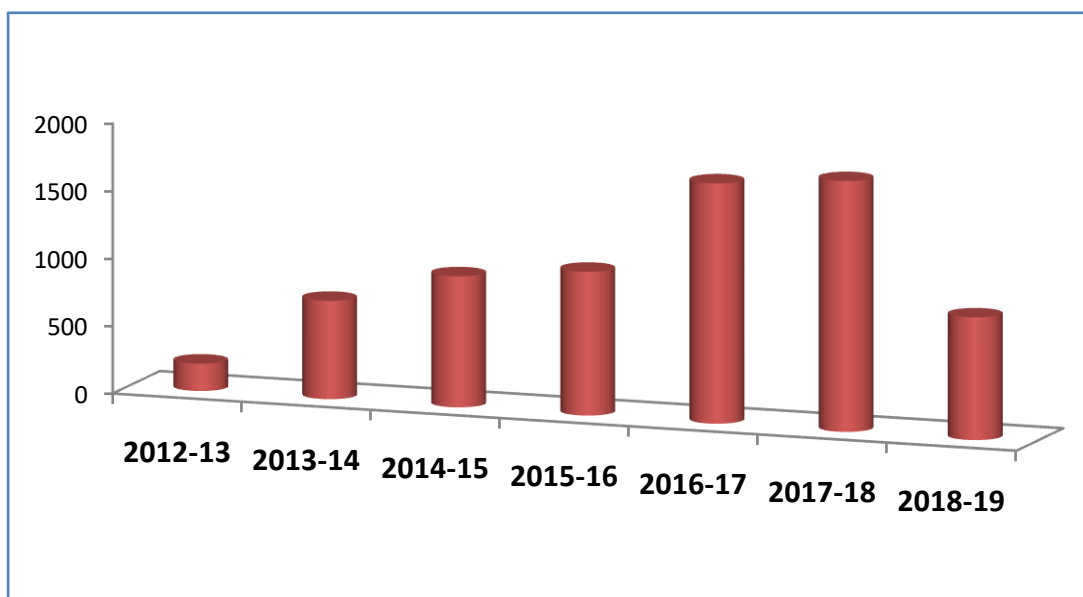
Centre	Off Campus Training	On Campus Training	Demonstration/ Transfer of Technology/ (FLD/CFLD)	Vichar/ Kishan Gosthi	Farmer Scientist Interaction	Field day	Success Stories	Total Training
KVK, Nohar	17	9	392	378	0	20	3	451
<b>Total</b>	<b>17</b>	<b>9</b>	<b>392</b>	<b>378</b>	<b>0</b>	<b>20</b>	<b>3</b>	<b>451</b>

**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	60	1857
2018-19	29	908
<b>Total</b>	<b>264</b>	<b>7487</b>

**Training Programme organized by KVK, Nohar**

## Participants Benefitted by Trainings organized by KVK, Nohar



### SAC Meeting of KVK, Nohar (Hanumangarh-II):

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 2018-19 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.



### Veterinary University Training and Research Centers

Extension Education is 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 Principal Investigator, Veterinary University Training and Research Centres, the extension work in the field is mainly carried out through Veterinary University Training and Research Centre (VUTRCs) in 13 district of Rajasthan. 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.

VUTRCs imparting skill based training for strengthening the entrepreneurial activities in the rural areas. The VUTRCs are actively involved in training and capacity building initiatives for the farmers and the unemployed youth across the state. The Principal Investigator being a crucial organ of the University 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 farmers' problem is crucial and the VUTRCs are striving to build this linkage in the most effective manner through various activities. It also involves in organization of animal treatment and infertility treatment camps, farmers' training, exhibitions, farmers- scientist interaction, demonstrations etc. For strengthening the extension activities, various programmes are being implemented through ATMA and other government and non-government organisations. 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. VUTRCs are also providing consultancy services to the livestock farmers according to their problems in the field of animal husbandry and providing disease diagnostic services to them by testing of blood, faecal, milk and urine samples at VUTRCs laboratory.

Thus, four principal functional areas of the VUTRCs are training, advisory, transfer of technology and diagnostic facilities. The Veterinary University Training and Research Centres are headed by the Principal Investigator, VUTRC, RAJUVAS, Bikaner.

Other faculty members of different VUTRC are working under the technical support of Principal Investigator, Veterinary University Training and Research Centre.

Veterinary University Training and Research Centre at Bakalia (Nagaur), Suratgarh (Sriganganagar), Kumher (Bharatpur), Bojunda (Chittorgarh), Churu, Tonk, Dungarpur, Sirohi, Kota, Ajmer, Dholpur, Loonkaranser (Bikaner) and Jodhpur have become operational.

### **Mandate**

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.

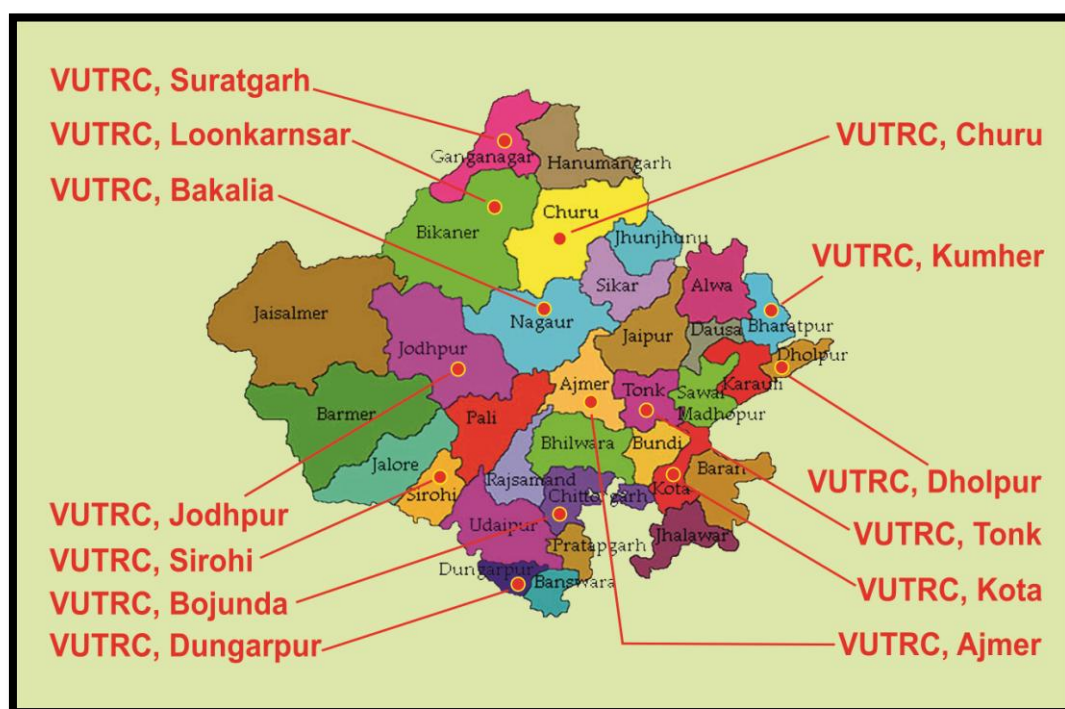
### **Objectives**

- ❖ 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.	19	5200-20200	2400
5.	L.D.C. 1/6	1	5200-20200	1900
6.	Driver	6	5200-20200	2400
7.	Driver 1/6	5	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	5	4750-7440	1400
12.	Helper	6	5200-20200	1700
13.	Helper 1/S-2	5	4750-7440	1400
14.	MTS	1	-	-
<b>Total</b>		<b>119</b>		



### Progress of Work done in the year 2018-19

#### (A) Physical Progress:

##### i. 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. In the year 2018-19, 1127 off and on-campus training programmes organized by 13 VUTRCs and 34486 farmers were benefitted.

##### ii. Organization of Vichar Gosthi

In the year 2018-19, 67 vichar gosthis were organized and 1006 farmers were benefitted.

##### iii. Organization of Animal Treatment Camps

In the year 2018-19, 27 animal treatment camps were organized and 385 farmers were benefitted.

**iv. Organization of Demonstration/Transfer of Technology**

In the year 2018-19, 242 demonstrations were conducted and 401 farmers were benefitted.

**v. Organization of Farmers-Scientist Interaction**

In the year 2018-19, 27 farmers-scientist interaction activities were organized and 779 farmers were benefitted.

**Training programmes organized by other Centers of RAJUVAS (2018-19):**

Centre/Scheme/Project	No. of Trainings	Participants		Total
		Male	Female	
Livestock Feed Resource Management and Technology Centre, Bikaner	9	343	0	343
Centre for Conservation of Animal Biodiversity, Bikaner	3	94	15	109
Centre For Organic Animal Production Technology, Bikaner	2	81	4	85
Center for Disaster Management Technology for Animals, Bikaner	13	333	118	451
RKVY project on Establishment of Live Demonstration Models of Diversified Livestock Production Systems for Motivating Adaption to Enhancing Agricultural Income, Bikaner	3	113	6	119
RKVY Project, Centre for Diagnosis, Surveillance and Response of Zoonotic Diseases, Post Graduate Institute of Veterinary Education and Research, Jaipur	9	178	35	213
College of Veterinary and Animal Science, Navania, Vallabhnagar, Udaipur	5	79	16	95
Animal Biomedical Waste Disposal Technology Centre, Bikaner	2	58	18	76
Centre for Studies on Wild Life Management & Health	3	96	5	101
<b>Total</b>	<b>49</b>	<b>1375</b>	<b>217</b>	<b>1592</b>

**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 1<sup>st</sup> of every month and 5000 copies disseminated to the farmers by post and during trainings. The bulletin has received wide appreciation and has been reported to be very useful by the farmers.





### 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 10<sup>th</sup> 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 14<sup>th</sup> 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 forty eight Programme entitled "*Dhine Re Batya*" on All India Radio completed till 31<sup>th</sup> March 2019.

### वर्ष 2018-19 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	प्रो. त्रिभुवन शर्मा अधिष्ठाता, वेटेनरी कॉलेज, बीकानेर 9414264997	राजस्थान में पशुधन के विकास में राजुवास की योजनाएं	05.04.2018
2	डॉ. अमिता रंजन पशुभैषज एवं विष विज्ञान विभाग, सीवीएएस, बीकानेर 9462471644	पशुओं में कीटनाशकों की उपयोगिता एवं विषाक्तता	12.04.2018
3	डॉ. आर.के. तंवर सेवानिवृत्त प्रोफेसर, वेटेनरी कॉलेज, बीकानेर 9414136821	गर्भियों में पशुओं में होने वाले रोग एवं उनके बचाव	19.04.2018
4	डॉ. सुनील अरोड़ा वेटेनरी कॉलेज, नवानियां 9460084359	वितरीत मौसम परिस्थितियों में पशुओं का उचित प्रबंधन व देखभाल	26.04.2018
5	प्रो. हेमन्त दाधिच कुलसचिव, राजुवास, बीकानेर 9351687945	पशुपालकों के उत्थान हेतु प्रयास	03.05.2018
6	प्रो. जे.एस. मेहता निदेशक क्लिनिक्स, राजुवास, बीकानेर 9414278372	दुग्ध उत्पादन में कृत्रिम गर्भाधान का योगदान	10.05.2018
7	डॉ. अनिल कुमार बिश्नोई पशु शल्य चिकित्सा एवं विकिरण विभाग, सीवीएएस 7073115386	लगड़ापन के विभिन्न कारण एवं निवारण	17.05.2018
8	प्रो. उर्मिला पानू ए.बी.जी. विभाग, सीवीएएस, बीकानेर 460226250	बदलते परिवेश में देशी पशुधन का महत्व और उनका संरक्षण	24.05.2018
9	डॉ. पंकज थानवी वेटेनरी कॉलेज, बीकानेर 9414217411	स्वच्छ दुग्ध उत्पादन	31.05.2018
10	डॉ. दिनेश जाम्ब पशुरोग एवं पशु प्रसूति विभाग, सीवीएएस, बीकानेर 9521368148	अश्व प्रजनन से सम्बन्धित समस्याएं और निवारण	07.06.2018



11	प्रो. विजय कुमार चौधरी एलपीएम, सीवीएएस, बीकानेर	9461472793	नवजात बछड़ों की देखभाल	14.06.2018
12	डॉ. हेमन्त जोशी वेटरनरी कॉलेज, नवानियां	9413661235	नील गाय से फसलों का बचाव व रोकथाम के उपाय	21.06.2018
13	डॉ. उमेश सालीगराम सुरडक पशु उत्पाद प्रौद्योगिकी, सीवीएएस, नवानियां	9261201109	अजौला एक पशु खाद्य	28.06.2018
14	प्रो.ए.पी. सिंह निदेशक प्रसार शिक्षा, राजुवास, बीकानेर	9414139188	राजस्थान में किसानों दुग्दी आय के लिए वेटरनरी विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्रों का महत्व	05.07.2018
15	डॉ. दिनेश जैन पशुपोषण विभाग, सीवीएएस, बीकानेर	9413300048	बरसात के मौसम में मुर्गीयों की देखरेख	12.07.2018
16	डॉ. तारा बोथरा पशुधन उत्पादन प्रबंधन, सीवीएएस, बीकानेर	9413792663	भेड़-बकरी पालन एक लाभदायक व्यवसाय	19.07.2018
17	डॉ. अतुलशंकर अरोड़ा निदेशालय प्रसार शिक्षा राजुवास, बीकानेर	9784511656	प्रसार शिक्षा से किसानों की आय में होने वाली वृद्धि	26.07.2018
18	डॉ. एन.वी.पाटील निदेशक, राष्ट्रीय उष्ट्र अनुसंधान केन्द्र, बीकानेर	9414721588	उष्ट्र डेयरी द्वारा उष्ट्र पालकों की आमदनी दुग्दी करने का जरिया	02.08.2018
19	प्रो. जी.एन.पुरोहित विभागाध्यक्ष, पशुरोग एवं प्रसूति विभाग, सीवीएएस, बीकानेर	9414325045	बरसात के मौसम में पशुओं के प्रजनन संबंधी जानकारी	09.08.2018
20	डॉ. रजनी जोशी जनस्वास्थ्य विभाग, सीवीएएस, बीकानेर	9414253108	पशुओं में ब्रुसलसिस एवं टीबी रोगों के लक्षण एवं बचाव	16.08.2018
21	प्रो. बसन्त बैस विभागाध्यक्ष, पशुधन उत्पादन एवं तकनीक विभाग, सीवीएएस, बीकानेर	9413311741	वर्तमान परिपेक्ष्य में आर्गनिक दूध का महत्व	23.08.2018
22	डॉ. सी.पी. स्वर्णकार केन्द्रीय भेड़ उन अनुसंधान संस्थान, अठिकानगर	9414869105	सुनियोजित भेड़ स्वास्थ्य प्रबंधन	30.08.2018
23	डॉ. विजय बिश्नोई एलपीएम, सीवीएएस, बीकानेर	9928145968	जैविक पशुधन का महत्व	06.09.2018
24	प्रो. (डॉ.) विष्णु शर्मा कुलपति, राजुवास, बीकानेर	9460387949	राजस्थान में पशुधन विकास में राजुवास का योगदान	13.09.2018
25	डॉ. ए.के. तोमर निदेशक, केन्द्रीय भेड़ व ऊन अनुसंधान संस्थान, अठिकानगर	9828141699	किसानों की आय दुग्दी करने में सहायक छोटे पशु भेड़, बकरी व खरगोश	20.09.2018
26	डॉ. आर.के.जोशी प्रभारी अधिकारी, पशुधन अनुसंधान केन्द्र, बीकानेर	9414603579	देशी पशुओं का नस्ल सुधार कार्यक्रम	27.09.2018
27	डॉ. धर्मसिंह मीणा विभागाध्यक्ष, मेडिसिन विभाग, पीजीआईवीआईआर, जयपुर	9214250161	पशुपालन का वर्तमान परिदृश्य और सम्भावनाएं	04.10.2018
28	डॉ. सुरेश झीरवाल पशुशल्य चिकित्सा एवं विकिरण विभाग, सीवीएएस, बीकानेर	9414242872	ग्रामीण परिवेश में पशुओं के आपात रोगों का प्रबंधन	11.10.2018
29	डॉ. रुचि मान पशु शरीर क्रिया विज्ञान विभाग, सीवीएएस, बीकानेर	530073780	बदलते तापमानों का पशुओं पर प्रभाव	18.10.2018
30	प्रो. त्रिभुवन शर्मा अधिष्ठाता, वेटरनरी कॉलेज, बीकानेर	9414264997	विश्वविद्यालय की पशुपालकों के लिए उपयोगिता	25.10.2018
31	डॉ. मनीषा माथुर पशु व्याधि विभाग, सीवीएएस, बीकानेर	9414283823	बदलते मौसम में पशुओं में होने वाली बीमारियां एवं उनका निदान	01.11.2018



32	डॉ. मनीषा मेहरा पशु व्याधि विभाग, सीवीएएस, बीकानेर	9571193830	पशुओं की रोग प्रतिरोधक व प्रजनन क्षमता बढ़ाने के लिए विभिन्न प्रकार के चारा एवं प्रबंधन की विशेषताएं	08.11.2018
33	आशिष चौपड़ा केन्द्रीय भेड़ व उन अनुसंधान संस्थान, बीकानेर	9460259366	भेड़ पालन में आमदनी बढ़ाने के लिए नई तकनीकें	15.11.2018
34	डॉ. अमित कुमार चौधरी पशु प्रसूति एवं मादा रोग विभाग, सीवीएएस, बीकानेर	8890014087	कृत्रिम गर्भाधान फायदे एवं पशुओं में गर्भाधान एवं गर्भ परीक्षण का उचित समय	22.11.2018
35	डॉ. मनोहर सैन पशु औषधि विभाग, सीवीएएस, बीकानेर	9829542066	सर्दियों में बछड़ों में होने वाले प्रमुख रोग व रोकथाम	29.11.2018
36	डॉ. राजेश नेहरा पशुपोषण विभाग, सीवीएएस, बीकानेर	9461504858	पशुओं में विटामिन की महत्वता एवं कमी से होने वाले रोग एवं उनसे बचाव	06.12.2018
37	डॉ. नरेन्द्रसिंह राठौड़ जैव रसायन विज्ञान विभाग, वेटेनरी कॉलेज, बीकानेर	9799607070	देशी गौवंश थारपारकर का राजुवास में उन्नयन एवं संवर्द्धन	13.12.2018
38	डॉ. एफ.सी. टूटेजा वरिष्ठ वैज्ञानिक, एन.आर.सी.सी, जोड़बीड, बीकानेर	9414605244	ऊंटों के संक्रमण रोग एवं उनसे बचाव	20.12.2018
39	डॉ. सीताराम गुप्ता पशुधन अनुसंधान केन्द्र, कोड़मदेसर	9413205638	खुरपका मुंहपका रोग, बचाव एवं उनसे पशुपालकों को होने वाले आर्थिक नुकसान	27.12.2018
40	जयप्रकाश कच्छावा मेडिसिन विभाग, सीवीएएस, बीकानेर	9460062330	भैंसों में फासफोरस की कमी से होने वाले रोग एवं इनका उपचार	03.01.2019
41	डॉ. वीरेन्द्र कुमार पशुधन अनुसंधान केन्द्र, कोड़मदेसर	9784834172	कांकरेज गायों का प्रबंधन	10.01.2019
42	डॉ. अशोक डांगी प्रभारी, आई.यू.एम.एस., राजुवास, बीकानेर	7073133222	ई-शासन हेतु राजुवास के प्रयास	17.01.2019
43	डॉ. तरुणा भाटी माइक्रोबायोलॉजी विभाग, सीवीएएस, बीकानेर	9413602455	राजुवास में वन्यजीव, स्वास्थ्य एवं प्रबंधन केन्द्र का महत्व	24.01.2019
44	प्रो. त्रिभुवन शर्मा अधिष्ठाता, वेटेनरी कॉलेज, बीकानेर	9414264997	पशु उत्पादकता को बढ़ाकर पशुपालकों की आय में बढ़ौतरी	31.01.2019
45	डॉ. निर्मल जॉफ पी.जी.आई.वी.ई.आर., जयपुर	9414468740	दुग्ध ज्वर : बचाव एवं उपचार	07.02.2019
46	प्रो. जे.ए. मेहता निदेशक क्लिनिकस, राजुवास, बीकानेर	9414278372	कृत्रिम गर्भाधान : पशुपालन में नस्ल संवर्द्धन एवं उच्च प्रजनन क्षमता के लिए सर्वोत्तम तकनीक	21.02.2019
47	प्रो. हेमन्त दाधिच विभागाध्यक्ष, पेटोलॉजी विभाग, सीवीएएस, बीकानेर	9351687945	ऊंटों में होने वाले प्रमुख रोग व निदान	03.03.2019
48	प्रो. एस.सी. गोस्वामी अधिष्ठाता, छात्र कल्याण, राजुवास, बीकानेर	9414604655	मौसम परिवर्तन के समय पशुओं का बचाव कैसे करें	21.03.2019

### 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.	Foundation Day of NRCC	NRCC, Bikaner	5 July 2018
2.	National Sheep and Wool Fair	CSWRI, Avikanagar, Tonk	29 September 2018
3.	Krishi Fest-2018	NRCC, Bikaner	2 October, 2018
4.	National Conference on Arid Horticulture for Enhancing Productivity and Economic Empowerment.	CIAH, Bikaner	27 October 2018
5.	Kissan Mela	KVK Sangaria	20 December 2018
6.	106 <sup>th</sup> Indian Science Congress (First Prize Received)	Lovely Professional University, Phagwara, Punjab	3-7 January 2019
7.	Regional Arid Horticulture Fair	CIAH, Bikaner	27 January 2019
8.	Kissan Mela	PD ATMA, Sriganganagar	28-29 January 2019
9.	14 <sup>th</sup> Indian Science Congress	PUSA, New Delhi	20-23 February 2019
10.	Kissan Mela	Sab Mandi Yard, Sriganganagar	22-24 February 2019
11.	Nation al Seminar on Entrepreneurship & innovation in Agriculture for Socio-Economic Empowerment of Farmers	SKRAU, Bikaner	12-13 March 2019



Participation in Kissan Mela organized by Krishi Vigyan Kendra, Sangaria on 20<sup>th</sup> Dec 2018



Participation in Kissan Mela organized by P.D. ATMA, Sriganganagar on 28-29 Jan 2019



Participation in Kissan Mela organized by  
Sab Mandi Yard, Sriganganagar on 22-24 Feb 2019

### **Fifth meeting of the Extension Education Council**

Fifth meeting of the Extension Education Council was held on 15 March 2019 under the chairmanship of Hon'ble Vice-Chancellor, Prof. Vishnu Sharma. Vice-Chancellor pointed out that significant progress has been made by RAJUVAS in the entire sector i.e. Teaching, Research and Extension. The extension activities are very important through which we can reach to the door step of the farmer. Also the extension activities are the tunnels of technology through which we promote our technology for the farmers. In the state like Rajasthan, where traditional farming concept is there, extension activities through Veterinary University Training and Research Centres (VUTRCs) particularly skill development programmes incorporating our technologies, play an important role in this regard. In the meeting, the annual progress report for the year 2017-18 was presented by Prof. A.P. Singh, Director Extension Education. Power point presentations were given on progress made by the Officers Incharges of 13 VUTRCs and KVK of the University.



### **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 2018-19. Teams have conducted 343 interface meetings, 114 demonstrations related to animal husbandry and 110 training programmes covering animal nutrition, breeding, health care and reproduction aspects in adopted villages. In these activities total 22222 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 goshi, 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.



### Awards/Honours:

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

S. No	Place	Date	Award
1.	Lovely Professional University, Phagwara, Punjab	3-7 January, 2019	First Prize Received





**(B) Financial Progress:****Budgetary Progress (2018-19)****(Rs in Lac)**

S. No.	Title	Subhead	Salary	TA	Medical	Liveries	Recurring	Non Recurring	Gross Total
1.	DEE	SP 18 (G) Budget Allocation	43.28	-	-	0.05	24.95	-	68.28
		Expenditure	41.40	-	-	0.02	23.19	-	64.61
2.	DEE	SP 18 (S) Budget Allocation	-	-	-	-	9.32	-	9.32
		Expenditure	-	-	-	-	5.23	-	5.23
3.	KVK/ICAR	ICAR Budget Allocation	31.00	1.00	-	-	8.70	-	40.70
		Expenditure	21.53	0.97	-	-	9.89	-	32.39
4.	VUTRC	SP 25 (G) Budget Allocation	263.63	7.50	-	0.07	29.95	-	301.15
		Expenditure	237.11	7.48	-	0.07	29.94	-	274.60
5.	VUTRC	SP 25 (S) Budget Allocation	-	-	-	-	100.00	12.00	112.00
		Expenditure	-	-	-	-	98.78	10.24	109.02

# KRISHI VIGYAN KENDRA

## *NOHAR*

### HANUMANGARH-II



#### **ANNUAL PROGRESS REPORT: 2018-2019**

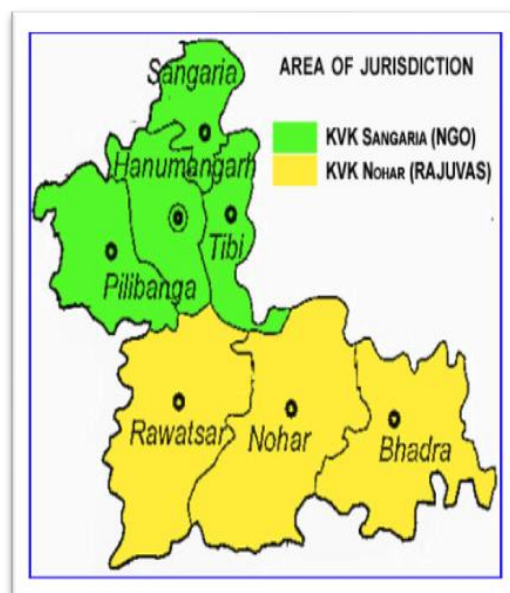
*{1<sup>st</sup> April, 2018 to 31<sup>st</sup> March, 2019}*



## 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<br>Dated 30/03/2012      |
| 5. | Date of Commencement       | - | 9 <sup>th</sup> April, 2012.                                 |
| 6. | Period of Report           | - | 1 <sup>st</sup> April, 2018 to 31 <sup>st</sup> March, 2019. |
| 7. | Senior Scientists-Cum-Head | - | Dr. Manohar Lal Sain   |

### 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  
2018 to March 2019)  
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	21	482	154	636
Rural youths	5	0	176	176
Sponsored Training	3	96	0	96
Vocational Training	-	-	-	-
<b>Total</b>	<b>29</b>	<b>578</b>	<b>330</b>	<b>908</b>

**2. Frontline demonstrations (including CFLDs on Oilseeds and Pulses under NFSM)**

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	150	60.00	-
Pulses	145	58.00	-
Cereals	50	17.00	-
Vegetables	20	03.00	-
Other crops (Clusterbean)	20	08.00	-
Hybrid crops	-	-	-
<b>Total</b>	<b>385</b>	<b>146.00</b>	<b>-</b>
Livestock & Fisheries	-	-	-
Other enterprises (Kitchen garden)	10	-	10
<b>Total</b>	<b>10</b>		<b>10</b>
<b>Grand Total</b>	<b>395</b>	<b>146.00</b>	<b>10</b>

**3. Technology Assessment & Refinement**

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
<b>Technology Assessed</b>			
Crops	03	40	40
Livestock	-	-	-
Various enterprises	-	-	-
<b>Total</b>	<b>03</b>	<b>40</b>	<b>40</b>
<b>Grand Total</b>	<b>03</b>	<b>40</b>	<b>40</b>

**4. Extension Programmes**

Category	No. of Programmes	Total Participants
Extension activities	124	7751
Other extension activities		
<b>Total</b>	<b>124</b>	<b>7751</b>

**5. Mobile Advisory Services**

Name of KVK	Message Type	Type of Messages		
		Crop	Aware-ness	Total
Nohar, Hanumangarh- II	Text only	20	4	24
	Voice only	-	-	-
	Voice & Text both	-	-	-
	<b>Total Messages</b>	<b>20</b>	<b>4</b>	<b>24</b>
	<b>Total farmers Benefitted</b>	<b>108457</b>	<b>-</b>	<b>108457</b>

**6. Soil, water & plant Analysis**

Samples	No. of Beneficiaries	Value Rs.
Soil	115	-
Water	-	-
Plant	-	-
<b>Total</b>	<b>115</b>	<b>-</b>

**7. HRD and Publications**

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

**DETAIL REPORT OF APR: 2018-19****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	deerajuv@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Manhar Lal Sain	-	09829542066	<a href="mailto:drmsain@gmail.com">drmsain@gmail.com</a>

## 1.4. Year of sanction: April 2012

1.5. Staff Position (as on 30<sup>th</sup> March, 2019)

S. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent / Temporary	Category (SC/ST / OBC/ Others)	Mobile no.	Age	Email id
1.	Programme Coordinator	Dr. Manohar Lal Sain	PC	Vet. Medicine	15600 - 39100 (GP 6000)	26400	26.03.18	Office ciating	OBC	09829 54206 6	38	<a href="mailto:drmsain@gmail.com">drmsain@gmail.com</a>
2.	Subject Matter Specialist	Akshaya Ghintala	Teaching Associate	Agricultural Extension	40000 / month fix	40000 / month fix	01-08-12	Contractual	OBC	09982 40717 1	30	<a href="mailto:agriakshaya@gmail.com">agriakshaya@gmail.com</a>
3.	Subject Matter Specialist	Bheir Singh	Teaching Associate	Agronomy	40000 / month fix	40000 / month fix	07-01-17	Contractual	OBC	70221 73662	27	<a href="mailto:bsinghagri16@gmail.com">bsinghagri16@gmail.com</a>
4.	Subject Matter Specialist	Anjali Sharma	Teaching Associate	Home Science	40000 / month fix	40000 / month fix	23-02-18	Contractual	GEN	99287 66880	30	<a href="mailto:sharmaanjali254@gmail.com">sharmaanjali254@gmail.com</a>
5.	Subject Matter Specialist	Mukesh Kumar Verma	Teaching Associate	Horticulture	40000 / month fix	40000 / month fix	24-02-18	Contractual	SC	97857 81330	33	<a href="mailto:mukesh42793@gmail.com">mukesh42793@gmail.com</a>
6.	Computer Programmer	Through placement agency			11000 / month	11000/month	May, 2017	-	OBC	-	-	-
7.	Accountant / Superintendent	Through placement agency			11000 / month	11000/month	Feb., 2018		OBC			
8.	Driver	Through placement agency			11000 / month	11000/month	April, 2017	-	OBC	-	-	-
9.	Supporting staff	Through placement agency			5000/month	5000/month	Feb. 2017	-	OBC	-	-	-
10.	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						
2.	Farmers Hostel	Funds not received						
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	1880.00 hrs.	Working condition
Trolley	2012-13	1,55,232.00	-	Working condition
Bolero SLE2 WD	2013-14	6,65,306.00	44939 KM	Working condition

C) Equipments & AV aids

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Comple- tion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	On Rent basis						
2.	Farmers Hostel	Funds not received						
3.	Staff Quarters (6)							
4.	Demonstration Units (2)	ICAR	27/02/17	40	6250.00	-	-	-
	1. Azolla Unit	ICAR	26/03/17	72	7000.00	-	-	-
	2. Vermi unit							
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	
Printer (HP Laser Jet N 202DW)	2015-16	17,370.00	All equipments are in working condition
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

#### कृषि विज्ञान केन्द्र, नोहर, हनुमानगढ़-II

#### छठी वैज्ञानिक सलाहकार समिति की बैठक की कार्यवाही

दिनांक: 25 मार्च, 2019

स्थान: पंचायत समिति

हॉल, नोहर

बैठक में निम्नलिखित सम्मानित सदस्यों ने भाग लिया:—

- 1 प्रो. (डॉ.) ए. पी. सिंह निदेशक प्रसार शिक्षा, राजस्थान पशुचिकित्सा और पशु विज्ञान विश्वविद्यालय, बीकानेर (राज.)
- 2 डॉ. उम्मेद सिंह शेखावत, क्षेत्रीय अनुसंधान निदेशक, कृषि अनुसंधान केन्द्र, श्रीगंगानगर (राज.)
- 3 डॉ. हनुमान राम कार्यक्रम समन्वयक, प्रभारी अधिकारी कृषि अनुसंधान उपकेन्द्र हनुमानगढ़ (राज.)
- 4 श्री संजय मानदाता, डी.डी.एम., नाबार्ड, हनुमानगढ़ (राज.)
- 5 डॉ. कुलदीप नेहरा, प्रभारी अधिकारी, पशुधन अनुसंधान केन्द्र, नोहर, हनुमानगढ़ (राज.)
- 6 डॉ. मनोहर लाल सैन, कार्यक्रम समन्वयक, कृषि विज्ञान केन्द्र, नोहर, हनुमानगढ़ (राज.)
- 7 श्री सुभाश भाम्बू, शाखा प्रबन्धक, बैंक ऑफ बड़ौदा, नोहर, हनुमानगढ़ (राज.)
- 8 श्री मदन सिंह, एफ.डी.ओ. मछली पालन विभाग, हनुमानगढ़ (राज.)
- 9 श्री महावीर सिंह, सहायक कृषि अधिकारी, भादरा, हनुमानगढ़ (राज.)
- 10 डॉ. अनिल घोड़ेला, वी.यु.आर.टी.सी. सुरतगढ़ (राज.)
- 11 श्री बी. एस. मिश्रा, सरस डेयरी नोहर, हनुमानगढ़ (राज.)
- 12 श्री अक्षय घिंटाला, टीचिंग एसोसिएट, केविके, नोहर, हनुमानगढ़ (राज.)
- 13 सुश्री अंजलि भार्मा, टीचिंग एसोसिएट, केविके, नोहर, हनुमानगढ़ (राज.)
- 14 श्री भैरुसिंह टीचिंग एसोसिएट, केविके, नोहर, हनुमानगढ़ (राज.)
- 15 श्री मुकेश कुमार वर्मा, टीचिंग एसोसिएट, केविके, नोहर, हनुमानगढ़ (राज.)
- 16 डॉ. निरज कुमार, टीचिंग एसोसिएट, पशुधन अनुसंधान केन्द्र, नोहर, हनुमानगढ़ (राज.)
- 17 डॉ. अदरीश भाटी, टीचिंग एसोसिएट, पशुधन अनुसंधान केन्द्र, नोहर, हनुमानगढ़ (राज.)
- 18 डॉ. धर्मवीर सिंह, टीचिंग एसोसिएट, पशुधन अनुसंधान केन्द्र, नोहर, हनुमानगढ़ (राज.)
- 19 श्री रामस्वरूप सहारण, प्रबन्धक, नोहर फल सब्जी क्रय विक्रय सहकारी समिति, नोहर हनुमानगढ़ (राज.)
- 20 श्री मोजीराम सिहाग, वी.बी.जी.एस. एनजीओ, भादरा हनुमानगढ़ (राज.)
- 21 श्रीमती ममता शर्मा, महिला कृषक, नोहर, हनुमानगढ़ (राज.)
- 22 श्रीमती भारती, महिला कृषक, नोहर, हनुमानगढ़ (राज.)
- 23 श्री लालसिंह बैनीवाल, प्रगतिशील किसान, परलीका, नोहर, हनुमानगढ़ (राज.)
- 24 श्री नरेश कुमार, प्रगतिशील किसान, परलीका, नोहर, हनुमानगढ़ (राज.)
- 25 श्री रामस्वरूप खीचड़, प्रगतिशील किसान, चारणवासी, नोहर, हनुमानगढ़ (राज.)
- 26 श्री हनुमान कुम्हार, किसान, चक सरदारपुरा, नोहर, हनुमानगढ़ (राज.)
- 27 श्री अजय स्वामी, किसान परलीका, नोहर, हनुमानगढ़ (राज.)
- 28 श्रीमती सन्तोष देवी, गृहणी कृषक, नोहर, हनुमानगढ़ (राज.)
- 29 श्री मकबूल, किसान, नोहर, हनुमानगढ़ (राज.)
- 30 श्री राजन झोरड़, कृषक, नोहर, हनुमानगढ़ (राज.)
- 31 श्रीमती पुखराज देवी, गृहणी कृषक, नोहर, हनुमानगढ़ (राज.)
- 32 श्री विनोद सैनी, प्रगतिशील किसान, शुकरका, नोहर, हनुमानगढ़ (राज.)
- 33 श्रीमती गीता देवी, कृषक, छानी बड़ी, भादरा, हनुमानगढ़ (राज.)

- 34 श्री मनोज, कृषक, उत्तरादा बास, भादरा, हनुमानगढ़ (राज.)  
 35 श्रीमती किस्तुरी, कृषक, छानी बड़ी, भादरा, हनुमानगढ़ (राज.)

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### कृषि विज्ञान केन्द्र, नोहर, हनुमानगढ़-II छठी वैज्ञानिक सलाहकार समिति की बैठक की कार्यवाही

कृषि विज्ञान केन्द्र, नोहर की छठी वैज्ञानिक सलाहकार समिति बैठक का आयोजन दिनांक: 25 मार्च, 2019 वार सोमवार को पशु चिकित्सा और पशु विज्ञान 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 क्षेत्रिय अनुसंधान निदेशक डॉ. उम्मेद सिंह शेखावत उपस्थित हुये तथा विशिष्ट अतिथि डॉ. हनुमानाराम, प्रभारी कृषि अनुसंधान उपकेन्द्र हनुमानगढ़ तथा श्री संजय मानदाता डीडीएम नाबार्ड हनुमानगढ़, श्री सुभाष भाम्भु ब्रांच मेनेजर बैंक ऑफ बड़ोदा नोहर, डॉ. मदन मछलीपालन विभाग हनुमानगढ़, डॉ. कुलदीप नेहरा, प्रभारी पशु अनुसंधान केन्द्र नोहर व डॉ. मनोहर लाल सैन, कार्यक्रम समन्वयक, कृषि विज्ञान केन्द्र नोहर इत्यादि उपस्थित रहे।

अध्यक्षीय उद्बोधन में प्रो. (डॉ.) अवधेश प्रताप सिंह ने कृषको की दुगुनी आय के सम्बन्ध में जानकारी देते हुए बताया की कृषि में मातृशक्ति की भागीदारी आवश्यक है। पशुपालन, कुक्कुट पालन को बढ़ाया जाये जिससे कृषको को अतिरिक्त आय मिल सके। साक्षरता के साथ-साथ सफाई का ध्यान रखने की सलाह दी जिससे वातावरण में प्रदूषण न फेले। उन्होंने विश्वविद्यालय के रेडियो कार्यक्रम "धीरे री बातों", मासिक पत्रिका "पशुपालन नये आयाम" एवं टोल फ्री हेल्पलाइन नम्बर 18001806224 के माध्यम से विश्वविद्यालय से जुड़ने पर जोर दिया।

डॉ. उम्मेद सिंह शेखावत ने केविके के कार्यों की प्रशंसा करते हुए कहा की प्रशिक्षण के बाद उनकी प्रतिपुष्टि ली जाये तथा अग्रिम पंक्ति प्रदर्शन के माध्यम से किसान तक तकनीक पहुंचाने के साथ-साथ खेती से जुड़े अन्य व्यवसायों को अपनाने पर जोर दिया व कृषि में महिलाओं की भागीदारी को बढ़ाया जाए जिससे किसान परिवार की आय बढे। इसी के साथ केन्द्र पर बीज व पौध का उत्पादन करे, जिससे केविके की आय में वृद्धि के साथ-साथ क्षेत्र के किसानों को बीज व पौध आसानी से उपलब्ध हो सके।

श्री संजय मानदाता डी.डी.एम. नाबार्ड हनुमानगढ़ ने स्वयं सहायता समुह के लिए वित्ति व बैंक से जुड़ी योजनाओं की जानकारी दी और कहा की महिलाओं को स्वयं सहायता समुह बनाकर प्रशिक्षण दिया जाए जिससे आधिकाधिक महिलायें रोजगार से जुड़ सकें। इसी के साथ नई तकनीक को मॉडल व प्रदर्शन के सहायता से समझाया जाये जिससे कि महिलाएं प्रभावी तरिके से उस तकनीक को समझ जाये।

डॉ. हनुमानाराम ने बारानी क्षेत्रों के लिए कम पानी में उगने वाली किस्मों जैसे सरसों की किस्म आर.जी.एन.-298 व आर.जी.एन.-229 और चने की जी.एन.जी. 2144 व जी.एन.जी. 2171 की जानकारी दी जिससे किसान कम पानी की उपलब्धता में आसानी से खेती कर अच्छा लाभ प्राप्त कर सकें।

बैठक के आरम्भ में कार्यक्रम समन्वयक, डॉ. मनोहर सेन ने अतिथियों का स्वागत किया साथ ही उन्होंने वार्षिक प्रतिवेदन का अनुमोदन व एक्शन टेकन रिपोर्ट सदन में प्रस्तुत किया।

भास्य विशेषज्ञ श्री भैरुसिंह चौहान, उद्यान विशेषज्ञ श्री मुकेश कुमार वर्मा, गृह विज्ञान विशेषज्ञ सुश्री अंजली भार्मा तथा कृषि प्रसार विशेषज्ञ श्री अक्षय घिंटाला ने अपने अपने विषय की गतवर्ष की प्रगति प्रतिवेदन और आगामी कार्य योजना सदन में रखी।

बैठक में प्रगतिशील किसान श्री लाल सिंह बैनीवाल, श्री अजय कुमार, श्री नरेशकुमार तथा महिला किसान संतोष देवी, पुखराज सिंगी व कस्तुरी आदि उपस्थित रहे।

मंच संचालन कृषि प्रसार विशेषज्ञ श्री अक्षय घिंटाला ने किया और बैठक के अन्त में सभी सुझावों को अमल में लाने का आश्वासन के साथ सभी सम्मानित सदस्यों को बैठक में भाग लेने पर धन्यवाद दिया।

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## **2. DETAILS OF DISTRICT (2018-19)**

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

<b>S. No</b>	<b>Farming system/enterprise</b>
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)**

<b>S. No</b>	<b>Agro-climatic Zone</b>	<b>Characteristics</b>
1	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 <sup>0</sup> C in Jan. to 48.9 <sup>0</sup> 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**

<b>S. No</b>	<b>Soil type</b>	<b>Characteristics</b>	<b>Area in ha</b>
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	Sangaria & Hanumangarh tehsil sandy loam to	353514

	light & medium soil	loamy sand having good drainage property & calcareous sub soil. Organic matter or nitrogen level low. $P_2O_5$ low to medium & $K_2O$ medium to high. Ground water is saline.	
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 (2017-18)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Kg/ha)
1	Rice	31647	98212	3103
2	Cotton	187330	584265	530
3	Jowar	339	198	584
4	Gwar Seed	433348	144829	334
5	Bajra	36990	18946	511
6	Maize	18	37	1056
7	Tur-Arhar	48	36	750
8	Moong	23794	14103	593
9	Moth	42426	15812	373
10	Urad	48	30	625
11	Chanwla	3	1	333
12	Ground-nut	21545	45765	2124
13	Seasamum	1057	285	270
14	Caster-seed	1663	4283	2575
15	Sugercane	35	2463	70371
16	Wheat	244534	1057570	4325
17	Barley	15608	53470	3426
18	Gram	97943	79874	816
19	Mater	187	2135	11417
20	Rape & Mustard	104136	173732	1668
21	Taramera	824	624	757

Source: Directorate of Agriculture, GOR.

#### 2.5. Weather data (2018-19)

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
April 18	-	46.8	16.7	-	-
May 18	-	48.9	21.2	-	-
June 18	35.00	48.9	23.5	-	-
July 18	32.00	44.3	22.1	-	-
August 18	01.00	39.9	24.8	-	-
September 18	31.00	40.1	21.2	-	-
October 18	-	37.7	17.0	-	-
November 18	-	34.4	9.8	-	-
December 18	-	29.5	2.4	-	-
January 19	-	28.6	4.4	-	-
February 19	-	32.8	5.4	-	-
March 19	-	40.1	10.9	-	-

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

S N	Name of Animals	Numbers	Percentage
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 lacks)		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 (2018-19)

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"> <li>• Erratic rainfall</li> <li>• Frequent drought</li> <li>• Saline water</li> <li>• Low crop productivity</li> <li>• Unavailability of quality seed of crops</li> <li>• Lack of knowledge about scientific cultivation.</li> <li>• Lack of diversification in agriculture.</li> <li>• Lack of knowledge about climate change.</li> <li>• Lack of awareness about water management.</li> <li>• Lack of knowledge Soil fertility management.</li> <li>• Unemployment.</li> </ul>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Encouraging farmers for seed production to obtain good quality seed.</li> <li>• To popularize Integrated Pest Management especially stress on seed treatment and motivate the farmers for income generation through Bee-keeping and mushroom cultivation.</li> </ul>
Bhadra	Bhadra	Berwala ki Dhani, Suratpura, Bhirani, Pacharwali, Momanwas,	Cotton, Pearl millet, Cluster bean, Moong	<ul style="list-style-type: none"> <li>• Erratic rainfall</li> <li>• Frequent drought</li> <li>• Saline water</li> </ul>	<ul style="list-style-type: none"> <li>• To motivate the farmers, youths and farm women for</li> </ul>



		Motsara, lakhanwas, Bhanai, Sardargadia, Lakhanbass, Dungrana, Munsari	been, Moth been, Wheat, Barley Mustard, Gram, Oat & Dairy etc.	<ul style="list-style-type: none"> <li>• Low crop productivity</li> <li>• Unavailability of quality seed of crops</li> <li>• Lack of knowledge about scientific cultivation.</li> <li>• Lack of diversification in agriculture.</li> <li>• Lack of knowledge about climate change.</li> <li>• Lack of awareness about water management.</li> <li>• Lack of knowledge Soil fertility management.</li> <li>• Unemployment.</li> </ul>	<p>Dairy, Sheep and Goat Farming, Poultry and Pig farming for self-employment and income generation.</p> <ul style="list-style-type: none"> <li>• To extend the area under fruit orchards and techniques in nursery raising and its proper management.</li> <li>• Introducing employment generation activities for farm women like Backyard Poultry, fruit and vegetable preservation, tailoring, embroidery, soft toys making etc.</li> </ul>
Rawatsar	Rawatsar	Chaiya, Chak 15 KWD, Chak-4 AM, Kikraliya, Modhunagar, Chak Bhakrawala, Ramsara-Motoriya, Jorawarpura, Khetawali dhani, Dhannasar, Budhwaliya, Chak-8 KM, Baramsar,	Cotton, Rice, Pearl millet, Cluster bean, Moong been, Moth been, Wheat, Barley Mustard, Gram, Oat & Dairy etc.	<ul style="list-style-type: none"> <li>• Erratic rainfall</li> <li>• Frequent drought</li> <li>• Saline water</li> <li>• Low crop productivity</li> <li>• Unavailability of quality seed of crops</li> <li>• Lack of knowledge about scientific cultivation.</li> <li>• Lack of diversification</li> </ul>	<ul style="list-style-type: none"> <li>• Motivate the farmers to check the soil &amp; water sample to know about nutritional value of soils.</li> <li>• Promotion of fodder production and conservation</li> <li>• Promotion of 1 alternate land use system</li> <li>• Enhancement of Livestock</li> </ul>

				<p>in agriculture and allied Sectors.</p> <ul style="list-style-type: none"> <li>• Lack of knowledge about climate change.</li> <li>• Lack of awareness about water management.</li> <li>• Lack of knowledge Soil fertility management.</li> <li>• Unemployment.</li> </ul>	productivity and value addition
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## 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 2018-19**

OFT (Technology Assessment)				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
07	03	48	40	40.00	146	170	385
				30	10	30	10
<b>Total</b>							
07	03	48	48	40/30	146/10	170/30	385/10

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	53	1470--2000	21	636	650	10500	124	7753
Rural youth	13	390-520	5	176		-	-	-
Extn. Functionaries	-	-	9	310	-	-	-	-
Sponsored Training	-	-	3	96	-	-	-	-
Total	66	1860-2520	38	1218	650	10500	124	7751

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

**1A TECHNOLOGY ASSESSMENT****Summary of technologies assessed under various crops by KVKs**

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Pest Management	Wheat	Nematodes management in Wheat.	10	10

Integrated Disease Management	Carrot	Root rot management in Carrot	15	15
Weed Management	Pearlmillet	Striga Management in Pearlmillet	15	15
<b>Total</b>				

### Summary of technologies assessed under livestock by KVKs

### 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.	10	10
Integrated Disease Management	Carrot	Root rot management in Carrot	15	15
Weed Management	Pearlmillet	Striga Management in Pearlmillet	15	15

## I.B. TECHNOLOGY ASSESSMENT IN DETAIL

### WEED MANAGEMENT

**Problem definition:** Low productivity of Pearlmillet due to heavy infestation of Striga.

**Technology assessed:** Striga Management in Pearlmillet.

A trial was conducted by KVK Nohar, Hanumangarh-II to assess striga management in Pearlmillet. Under T-1 (Farmer's practices) Hand weeding when striga occurred; T-2 (Recommended practice) Pre-emergence application of Atrazine @ 0.75 a.i. kg/ha + Post-emergence application of 2,4-D @ 0.5 a. i. kg/ha.. The results revealed that Pre-emergence application of Atrazine @ 0.75 a.i. kg/ha + Post-emergence application of 2,4-D @ 0.5 a. i. kg/ha was recorded higher yield (12.72 q/ha) also gave maximum net returns of Rs 6594/ha with higher B:C ratio (1.44) as compared to T-1.

Table: Nematodes Management in Wheat. (2018-19)

Technology Option	No. of trials	Yield (Qtl/ha)	Net Returns (Rs./ha)	BC Ratio
T1 : (Farmer's practices) Hand weeding when striga occurred	15	10.4	4049	1.30
T2 : (Recommended practice) Pre-emergence application of Atrazine @ 0.75 a.i. kg/ha + Post-emergence application of 2, 4-D @ 0.5 a. i. kg/ha.		12.72	6594	1.44

### 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 (53.04 q/ha) also gave maximum net returns of Rs 68527 /ha with higher B:C ratio (3.54) as compared to T-1.

Table: Nematodes Management in Wheat. (2018-19)

Technology Option	No. of trials	Yield (Qtl/ha)	Net Returns (Rs./ha)	BC Ratio
T1 : (Farmer's practices) Carbofuran @ 2.5 Kg/ ha at first irrigation	10	46.8	59321	3.38
T2 : (Recommended practice) Paciliomayces lilacinus culture @ 4 liter with 4 quintal farm yard manure per ha		53.04	68527	3.54

### DISEASE MANAGEMENT

**Problem definition:** Low productivity of Carrot due to incidence of root rot.

**Technology assessed:** Root rot management in Carrot.

A trial was conducted by KVK Nohar, Hanumangarh-II to assessed root management in Carrot. Under T-1 (Farmer's practices) Foliar spray of Carbendazim @ 2 gm/lit of water when disease occurred; T-2 (Recommended practice) Seed treatment with Trichoderma @ 6 gm/kg of seed and soil application of Trichoderma @ 2.5 kg/ha with 50 kg FYM. The results revealed that T-2 Seed treatment with Trichoderma @ 6 gm/kg of seed and soil application of Trichoderma @ 2.5 kg/ha with 50 kg FYM was recorded higher yield (306.20 q/ha) also gave maximum net returns of Rs 140977/ha with higher B:C ratio (4.30) as compared to T-1.

Table: Root management in Carrot. (2018-19)

Technology Option	No. of trials	Yield (Qtl/ha)	Net Returns (Rs./ha)	BC Ratio
T1 : (Farmer's practices) Foliar spray of Carbendazim @ 2 gm/lit of water when disease occurred.	15	278.0	126720	4.16
T2 : (Recommended practice) Seed treatment with Trichoderma @ 6 gm/kg of seed and soil application of Trichoderma @ 2.5 kg/ha with 50 kg FYM.		306.2	140977	4.30



**b. Details of FLDs implemented during 2018-19 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)**

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	Greengram	Integrated Crop Management (ICM)	Popularize & performance of ICM	Kharif 2018	20.0	20.0	-	-	50	-
2	Groundnut		Popularize & performance of ICM	Kharif 2018	20.0	20.0	-	-	50	-
3	Chickpea		Popularize & performance of ICM	Rabi 2018-19	30.0	30.0	-	-	75	-
4	Mustard		Popularize & performance of ICM	Rabi 2018-19	30.0	40.0	-	-	100	-
5	Greengram		Popularize & performance of ICM	Kharif 2018	8.0	8.0	-	-	20	-
6	Clusterbean		Popularize & performance of ICM	Kharif 2018	8.0	8.0	-	-	20	-
7	Pearlmillet		Popularize & performance of ICM	Kharif 2018	8.0	8.0	-	-	20	-
8	Wheat		Popularize & performance of ICM	Rabi 2018-19	4.0	4.0	-	-	10	-
9	Barley		Popularize & performance of ICM	Rabi 2018-19	4.0	4.0	-	-	10	-
10	Oat		Popularize & performance of ICM	Rabi 2018-19	1.0	1.0	-	-	10	-
11	Chilli		Popularize & performance of ICM	Kharif 2018	1.0	1.0	-	-	10	-
12	Carrot		Popularize & performance of ICM	Rabi 2018-19	2.0	2.0	-	-	10	-
13	Kitchen garden	Nutrition Management	-	-	-	-	-	-	10	-



### 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					
Greengram	Kharif	Irrigated	Sandy to Sandy loam	L	M	M	Wheat, Mustard	01-10 July, 18	15-30 Sept., 18	-	-
Groundnut	Kharif	Irrigated	Sandy to Sandy loam	L	M	M	Wheat, Chickpea	25 June – 05 July, 18	10-30 Sept., 18	-	-
Chickpea	Rabi	Irrigated	Sandy to Sandy loam	L	M	M	Pearlmillet, Guar	25 Oct.- 05 Nov., 18	15-30 April, 19	-	-
Mustard	Rabi	Irrigated	Sandy to Sandy loam	L	M	M	Pearlmillet, Guar	15 Oct.- 25 Oct., 18	10-20 March, 19	-	-
Greengram	Kharif	Rainfed	Sandy to Sandy loam	L	M	M	Wheat, Mustard	01-10 July, 18	15-30 Sept., 18	-	-
Clusterbean	Kharif	Irrigated	Sandy to Sandy loam	L	M	M	Wheat, Mustard	01-10 July, 18	15-30 Sept., 18	-	-
Pearlmillet	Kharif	Irrigated	Sandy to Sandy loam	L	M	M	Wheat, Chickpea	01-10 July, 18	15-30 Sept., 18	-	-
Wheat	Rabi	Irrigated	Sandy to Sandy loam	L	M	M	Cotton, Guar	05-15 Nov., 18	15-30 April, 19	-	-
Barley	Rabi	Irrigated	Sandy to Sandy loam	L	M	M	Cotton, Moong	15-25 Nov., 18	15-30 April, 19	-	-
Oat	Rabi	Irrigated	Sandy to Sandy loam	L	M	M	Guar, Moong	15-25 Nov., 18	-	-	-
Chilli	Kharif	Irrigated	Sandy to Sandy loam	L	M	M	Wheat, Chickpea	15-30 June, 18	-	-	-
Carrot	Rabi	Irrigated	Sandy to Sandy loam	L	M	M	Chilli, Moong	1-15 Aug., 18	-	-	-

### Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	20		630	-
2	Farmers Training	6		200	-
3	Media coverage	5		Mass coverage	-
4	Training for extension functionaries	-		-	-



## Performance of Frontline demonstrations

### Frontline demonstrations on oilseed crops (including NSFEM)

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										
Groundnut																		
Kharif 2018 Cluster-I	Integrated Crop Management	Popularize & performance of ICM	-	25	10.0	32.00	27.60	29.60	26.80	10.45	29800	112480	82680	3.77	27200	101840	74640	3.74
Kharif 2018 Cluster-II	Integrated Crop Management	Popularize & performance of ICM	-	25	10.0	30.00	25.6	28.00	23.60	18.64	29800	106400	76600	3.57	27200	89680	62480	3.30
Mustard																		
Rabi 2018-19 Cluster-I	Integrated Crop Management	Popularize & performance of ICM	RH 749	25	10.0	25.2	17.2	20.66	17.5	18.06	16146	72310	56164	4.48	14843	61250	46407	4.13
Rabi 2018-19 Cluster-II	Integrated Crop Management	Popularize & performance of ICM	RH 749	25	10.0	26	16.8	20.58	16.9	21.78	16146	72030	55884	4.46	15268	59150	43882	3.87
Rabi 2018-19 Cluster-III	Integrated Crop Management	Popularize & performance of ICM	RH 749	25	10.0	22	15.6	18.8	16	17.50	16146	65800	49654	4.08	14043	56000	41957	3.99
Rabi 2018-19 Cluster-IV	Integrated Crop Management	Popularize & performance of ICM	RH 749	25	10.0	26.8	18	20.97	17.4	20.52	16146	73395	57249	4.55	15568	60900	45332	3.91

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

\*\* BCR= GROSS RETURN/GROSS COST



## Frontline demonstration on pulse crops (including NSFM)

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 2018 Cluster-I	Integrated Crop Management	Popularize & performance of ICM	IPM 02-3	25	10.0	12.00	9.60	10.80	8.60	25.58	16404	54000	37596	3.29	14595	43000	28405	2.95
Kharif 2018 Cluster-II	Integrated Crop Management	Popularize & performance of ICM	IPM 02-3	25	10.0	10.00	6.40	8.40	6.92	21.39	16004	42000	25996	2.62	14195	34600	20405	2.44
Kharif 2018 (FLD)	Integrated Crop Management (ICM)	Popularize & performance of ICM	MH 421	20	8.0	8.80	6.40	7.60	6.20	22.58	13300	38000	24700	2.56	12200	31000	18800	2.54
Chickpea																		
Rabi 2018-19 Cluster-I	Integrated Crop Management	Popularize & performance of ICM	GNG 1958	25	10.0	24.0	14.0	16.26	13.6	19.56	19881	68292	48411	3.44	16952	57120	40168	3.37
Rabi 2018-19 Cluster-II	Integrated Crop Management	Popularize & performance of ICM	GNG 1958	25	10.0	26.4	18.0	20.82	17.4	19.66	19881	87444	67563	4.40	17027	73080	56053	4.29
Rabi 2018-19 Cluster-III	Integrated Crop Management	Popularize & performance of ICM	GNG 1958	25	10.0	22.0	14.4	16.85	14	20.36	19881	70770	50889	3.56	16790	58800	42010	3.50

\* 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 Other 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										
Cereals																		
Pearlmillet																		
Kharif 2018	ICM	Popularize & performance of ICM	MPMH 17	20	8.0	31.20	23.60	26.40	20.80	26.92	14800	39600	24800	2.68	13880	31200	17320	2.25
Wheat																		
Rabi 2018-19	ICM	Popularize & performance of ICM	HD 3086	10	4.0	56.0	48.0	51.24	43.8	16.99	25185	92232	67047	3.66	22022	78840	56818	3.58
Barley																		
Rabi 2018-19	ICM	Popularize & performance of ICM	RD 2715	10	4.0	42	34	36.84	31.6	16.58	20870	58944	38074	2.82	18648	50560	31912	2.71
Fodder crops																		
Oat																		
Rabi 2018-19	ICM	Popularize & performance of ICM	JHO 99-2	10	1.0	480	360	416	360	15.56	19273	104000	84727	5.40	17158	90000	72842	5.25
Other Crops																		
Clusterbean																		
Kharif 2018	ICM	Popularize & performance of ICM	HG 2-20	20	8.0	19.20	13.60	14.40	12.40	16.13	15120	60480	45360	4.00	14040	38040	24000	2.71
Vegetables																		
Chilli																		
Kharif 2018	ICM	Popularize & performance of ICM	Kranti	10	1.0	326.00	295.00	317.70	265.00	19.89	68839	254160	185321	3.69	62300	212000	149700	3.40
Carrot																		
Rabi 2018-19	ICM	Popularize & performance of ICM	Pusa Varsti	10	2.0	242.00	235.00	238.80	210.00	13.71	45144	191040	145896	4.23	40181	168000	127819	4.18

\* 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	Moong variety IPM-02-3 impressed the farmers. Application of pendimethalin as PE effectively managed weeds in early stage of crop growth and foliar application of Imidachloprid at 30-35 DAS and at 55-60 DAS effectively managed white fly and pod borer, resulted in no incidence of yellow mosaic virus in greengram and they fetched higher grain yield. Majority of farmers left the cultivation of greengram in their area due to higher incidence of yellow mosaic virus in last 2-3 year, but farmers seeing this technology said that, they cultivate greengram in higher area than existing area of greengram.
2	Soil application of propiconazol managed incidence of collar rot and Soil application of chlorpyrifos managed incidence of Whitegrub in Groundnut resulted in higher yield than farmers.
3	New variety of Guar (HG-2-20), Pearl millet (MPMH 17), Greengram (MH 421 & IPM 02-3), Mustard (RH-749), impressed the farmers.
4	New variety of Barley (RD 2715), Gram (GNG-1958), Wheat (HD-3086), Oat (99-2) impressed the farmers.
5	Foliar application of Emamectin benzoate managed gram pod borer effectively, easy available and cheaper.
6	Technology demonstrated under CFLD Chickpea, New variety (GNG-1958) have profuse branching, podding and bold, smooth seed, higher test weight resulted in higher yield. Technology demonstrated under CFLD Chickpea satisfied the farmers.
7	Technology demonstrated under CFLD Mustard, New variety (RH 749) have profuse branching, strong stem, bold, shining seed, higher no. of pods per plant and higher no. of seeds per pods resulted in higher yield. Technology demonstrated under CFLD Mustard also satisfied the farmers.

**Action photographs of CFLD's, FLD's and OFT's conducted at Farmers field by the scientists of KVK Nohar**



*Performance of CFLD on Groundnut at selected farmers field*



**Field Day on CFLD Greengram at selected farmers field**



**Performance of CFLD on Chickpea at selected farmers field**



**Field Day on CFLD Groundnut at selected farmers field**



**Field Day on FLD Pearl millet at selected farmers field**



**Performance of Kitchen gardening at selected farmers field**

## II. 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
<b>I Crop Production</b>	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	5	107	0	107	49	0	49	156	0	156
Soil & water conservatioin	1	36	0	36	8	0	8	44	0	44
<b>Total</b>	<b>6</b>	<b>143</b>	<b>0</b>	<b>143</b>	<b>57</b>	<b>0</b>	<b>57</b>	<b>200</b>	<b>0</b>	<b>200</b>
<b>II Horticulture</b>	0	0	0	0	0	0	0	0	0	0
<b>a) Vegetable Crops</b>	0	0	0	0	0	0	0	0	0	0
Others (pl specify)										
ICM on Chilli	1	22	0	22	0	0	0	22	0	22
<b>Total (a)</b>	<b>1</b>	<b>22</b>	<b>0</b>	<b>22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>0</b>	<b>22</b>
<b>GT (a-g)</b>	<b>1</b>	<b>22</b>	<b>0</b>	<b>22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>0</b>	<b>22</b>
Feed & fodder technology	1	3	33	36	1	0	1	4	33	37
<b>Total</b>	<b>1</b>	<b>3</b>	<b>33</b>	<b>36</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>33</b>	<b>37</b>
Value addition	1	0	32	32	0	0	0	0	32	32
<b>Total</b>	<b>1</b>	<b>0</b>	<b>32</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>32</b>
<b>GRAND TOTAL</b>	<b>9</b>	<b>168</b>	<b>65</b>	<b>233</b>	<b>58</b>	<b>0</b>	<b>58</b>	<b>226</b>	<b>65</b>	<b>291</b>



## 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
<b>I Crop Production</b>	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	4	99	3	102	12	0	12	111	3	114
<b>Total</b>	<b>4</b>	<b>99</b>	<b>3</b>	<b>102</b>	<b>12</b>	<b>0</b>	<b>12</b>	<b>111</b>	<b>3</b>	<b>114</b>
<b>II Horticulture</b>										
<b>a) Vegetable Crops</b>										
Others (pl specify) (Integrated Crop Management, Disease & pest Management)	4	100	0	100	6	0	6	106	0	106
<b>Total (a)</b>	<b>4</b>	<b>100</b>	<b>0</b>	<b>100</b>	<b>6</b>	<b>0</b>	<b>6</b>	<b>106</b>	<b>0</b>	<b>106</b>
<b>b) Fruits</b>										
Layout and Management of Orchards	2	15	15	30	9	17	26	24	32	56
<b>Total (b)</b>	<b>2</b>	<b>15</b>	<b>15</b>	<b>30</b>	<b>9</b>	<b>17</b>	<b>26</b>	<b>24</b>	<b>32</b>	<b>56</b>
<b>GT (a-g)</b>	<b>6</b>	<b>115</b>	<b>15</b>	<b>130</b>	<b>15</b>	<b>17</b>	<b>32</b>	<b>130</b>	<b>32</b>	<b>162</b>
<b>III Soil Health and Fertility Management</b>										
<b>IV Livestock Production and Management</b>										
Dairy Management	2	13	45	58	2	0	2	15	45	60
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>2</b>	<b>13</b>	<b>45</b>	<b>58</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>15</b>	<b>45</b>	<b>60</b>
<b>V Home Science/Women empowerment</b>										
Processing and cooking	1	0	10	10	0	31	31	0	41	41
Value addition	3	0	90	90	0	29	29	0	119	119
Women empowerment	1	0	24	24	0	1	1	0	25	25
<b>Total</b>	<b>5</b>	<b>0</b>	<b>124</b>	<b>124</b>	<b>0</b>	<b>61</b>	<b>61</b>	<b>0</b>	<b>185</b>	<b>185</b>
<b>VI Agril. Engineering</b>										
<b>GRAND TOTAL</b>	<b>17</b>	<b>227</b>	<b>187</b>	<b>414</b>	<b>29</b>	<b>78</b>	<b>107</b>	<b>256</b>	<b>265</b>	<b>521</b>

## 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
<b>I Crop Production</b>										
Integrated Crop Management	9	206	3	209	61	0	61	267	3	270
Soil & water conservatioin	1	36	0	36	8	0	8	44	0	44
<b>Total</b>	<b>10</b>	<b>242</b>	<b>3</b>	<b>245</b>	<b>69</b>	<b>0</b>	<b>69</b>	<b>311</b>	<b>3</b>	<b>314</b>
<b>II Horticulture</b>										
<b>a) Vegetable Crops</b>										
Others (pl specify)	5	122	0	122	6	0	6	128	0	128



<b>Total (a)</b>	<b>5</b>	<b>122</b>	<b>0</b>	<b>122</b>	<b>6</b>	<b>0</b>	<b>6</b>	<b>128</b>	<b>0</b>	<b>128</b>
<b>b) Fruits</b>										
Layout and Management of Orchards	2	15	15	30	9	17	26	24	32	56
<b>Total (b)</b>	<b>2</b>	<b>15</b>	<b>15</b>	<b>30</b>	<b>9</b>	<b>17</b>	<b>26</b>	<b>24</b>	<b>32</b>	<b>56</b>
<b>GT (a-g)</b>	<b>7</b>	<b>137</b>	<b>15</b>	<b>152</b>	<b>15</b>	<b>17</b>	<b>32</b>	<b>152</b>	<b>32</b>	<b>184</b>
Dairy Management	2	13	45	58	2	0	2	15	45	60
Feed & fodder technology	1	3	33	36	1	0	1	4	33	37
<b>Total</b>	<b>3</b>	<b>16</b>	<b>78</b>	<b>94</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>19</b>	<b>78</b>	<b>97</b>
<b>V Home Science/Women empowerment</b>										
Processing and cooking	1	0	10	10	0	31	31	0	41	41
Value addition	4	0	122	122	0	29	29	0	151	151
Women empowerment	1	0	24	24	0	1	1	0	25	25
<b>Total</b>	<b>6</b>	<b>0</b>	<b>156</b>	<b>156</b>	<b>0</b>	<b>61</b>	<b>61</b>	<b>0</b>	<b>217</b>	<b>217</b>
<b>VI Agril. Engineering</b>										
<b>GRAND TOTAL</b>	<b>26</b>	<b>395</b>	<b>252</b>	<b>647</b>	<b>87</b>	<b>78</b>	<b>165</b>	<b>482</b>	<b>330</b>	<b>812</b>

Details of trainings organized under ASCI (trainings conducted by RAJUVAS, Bikaner)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Artificial insemination	1	13	0	13	7	0	7	20	0	20
Small poultry farmer	1	12	2	14	6	0	6	18	2	20
<b>TOTAL</b>	<b>2</b>	<b>25</b>	<b>2</b>	<b>17</b>	<b>13</b>	<b>0</b>	<b>13</b>	<b>38</b>	<b>2</b>	<b>40</b>

**Table. Sponsored training programmes**

Thematic area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>Livestock and fisheries</b>										
Fisheries Management	1	24	0	24	7	0	7	31	0	31
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1</b>	<b>24</b>	<b>0</b>	<b>24</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>31</b>	<b>0</b>	<b>31</b>
<b>Agricultural Extension</b>										
Others (pl. specify)	2	38	0	38	27	0	27	65	0	65
<b>Total</b>	<b>2</b>	<b>38</b>	<b>0</b>	<b>38</b>	<b>27</b>	<b>0</b>	<b>27</b>	<b>65</b>	<b>0</b>	<b>65</b>
<b>GRAND TOTAL</b>	<b>3</b>	<b>62</b>	<b>0</b>	<b>62</b>	<b>34</b>	<b>0</b>	<b>34</b>	<b>96</b>	<b>0</b>	<b>96</b>

Name of sponsoring agencies involved: ATMA, Hanumangarh, DOA, Hanumangarh under NMOOP.

#### IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	-	-	-	-
Diagnostic visits	-	-	-	-
Field Day	20	626	4	630
Group discussions	24	720	4	724
Kisan Ghosthi	13	652	5	657
Film Show	2	147	2	149



Self -help groups	-	-	-	-
Kisan Mela	-	-	-	-
Exhibition	3	1880	20	1900
Scientists' visit to farmers field	55	1607	4	1611
Plant/animal health camps	-	-	-	-
Farm Science Club	-	-	-	-
Ex-trainees Sammelan	-	-	-	-
Farmers' seminar/workshop	-	-	-	-
Method Demonstrations	-	-	-	-
Celebration of important days	-	-	-	-
Special day celebration	6	289	4	293
Exposure visits	-	-	4	4
Others (pl. specify) Farmers visits to KVK	-	193	-	193
<b>Total</b>	<b>123</b>	<b>6114</b>	<b>47</b>	<b>6161</b>

#### Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	2
Extension Literature	1560
News paper coverage	18
Popular articles	8
Radio Talks	
TV Talks	
Animal health camps (Number of animals treated)	
Others (pl. specify) Farmers visits to KVK	2
<b>Total</b>	<b>1590</b>

Name of KVK	Message Type	Type of Messages						Total
		Crop	Livestock	Weather	Marketing	Aware-ness	Other enterprise	
	Text only	20	-	-	-	4		24
	Voice only	-	-	-	-	-	-	-
	Voice & Text both	-	-	-	-	-	-	-
	<b>Total Messages</b>	<b>20</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>-</b>	<b>24</b>
	<b>Total farmers Benefitted</b>	<b>108445</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>108445</b>	<b>-</b>	<b>108445</b>

#### V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organized Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
2	Gosthies	1	16	Crop/livestock
	Lectures organized	11	249	Crop/livestock
	Exhibition	-	-	Crop/livestock
	Film show	-	-	Crop/livestock
	Fair	-	-	Crop/livestock
	Farm Visit	-	-	Crop/livestock
	Diagnostic Practical's	-	-	Crop/livestock
	Distribution of Literature (No.)	-	393	Crop/livestock
	<b>Total:</b>	<b>12</b>	<b>265</b>	Crop/livestock

#### VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of soil health cards distributed
Soil	115	115	115
Others (pl.specify)			
<b>Total</b>	<b>115</b>	<b>115</b>	<b>115</b>

**VIII. SCIENTIFIC ADVISORY COMMITTEE**

Name of KVK	Date of SAC Meeting	Participants
KVK Nohar, Hanumangarh - II	25-03-2019	35

**X. PUBLICATIONS**

Category	Number
Research Paper	8
Technical bulletins	-
Technical reports	8
Others (pl. specify)	-

**XI. STATUS REVOLVING FUNDS**

Year	Opening balance as on 1 <sup>st</sup> April	Income during the year	Expenditure during the year	Net balance in hand as on 1 <sup>st</sup> April of each year
April 2016 to March 2017	104199	32201	-	136400
April 2017 to March 2018	136400	2647	8600	130447
April 2018 to March 2019	130447	5828	-	136275

**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
Swacchta Pakhwada	-	-	-	-	-	-	-	-	-	-	-	-
Parthenium Awareness	01	16	1	32	-	-	-	-	-	-	-	-
Yoga Day	-	-	-	-	-	-	-	-	-	-	-	-
Swachhta Hi Sewa Campaign	10	219	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>11</b>	<b>235</b>	<b>1</b>	<b>32</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**The KVKs implementing VATICA, NARI & Doubling Farmers income should submit one page report with salient achievements along with photographs pertaining to year 2018-19.**

For implementation of NARI (Nutri Sensitive Agricultural Research and Innovation) programme, KVK, Hanumangarh-II selected Phephana village of Nohar block.

Looking the importance of NARI programme, KVK, Hanumangarh-II organised the following activities under NARI programme:-

- ❖ One awareness programme on cultivation of Nutritious rich fruits and Vegetable crops.
- ❖ One awareness programme on Kitchen gardening to meet daily requirement of fruits and Vegetables.
- ❖ One Training programme on Value addition in vegetables and fruits.

**Action photograph:**

For implementation of Doubling Farmers income scheme, KVK, Hanumangarh-II selected Phephana village of Nohar block.

Apart from NARI programme, KVK, Hanumangarh-II organised the following activities for Doubling Farmers income:-

- ❖ One kisan goshti for awareness of cluster frontline demonstrations programme.
- ❖ KVK, Hanumangarh-II conducted one cluster frontline demonstration on Mustard at phephana.
- ❖ One Training programme on orchard management in Guvava and Ber.
- ❖ One Training programme Nutrient & Disease management in Kitchen gardening.

**Action photograph:****Note:****Themes of livestock FLDs and OFTs for Annual Progress Report 2018-19**

The FLDs and OFTs under livestock may be classified as per themes given below for APR

SN	Theme	Different aspects to be covered
01	Animal Breeding Management	Evaluation or introduction of any livestock breed i.e. cattle, buffalo, sheep, goat, poultry etc. Improvement in fertility, reproductive traits i.e. Age at first calving, service period and calving interval etc
02	Animal Nutrition	Feed and fodder trials including feed additives, bypass fat and protein,

	Management	colostrum feeding, mineral mixture, chelated mineral mixture, azolla, microbial feeds (probiotics etc), urea treated straws and UMMB or feed supplements etc
03	Animal Production Management	Type of housing provided, manger or water trough etc to the livestock for improving animal comfort and measures followed for clean milk production etc
04	Health and Disease Management	Deworming of all categories of livestock for control of endo-worms and ecto-parasites, vaccination and to reduce the calf mortality, mastitis incidence in livestock etc
05	Others, if any	Any other aspect which is not covered under above 4 themes mentioned can be put in this category.

### **ANY OTHER ACTIVITIES WORTH MENTIONING**

#### **MEERA GAON MEERA GAURAV**

#### **Team of Scientist and Village Selected:**

Team	Sl. No.	Name	Designation	Village Selected
1	1	Akshaya Ghintala	Teaching Associate	Ramgarh Parlika
	2	Bheiru Singh	Teaching Associate	
	3	Anjali Sharma	Teaching Associate	
	4	Mukesh Kumar	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)
4	4	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	11	248
2.	Interface meeting/ <i>Goshthies</i>	4	173
3.	Training organized	1	39
4.	Demonstrations conducted	23	23
5.	Mobile based advisories (No.)	-	-
6.	Literature support provided	-	-
7.	Awareness created	1	80
8.	Input support provided (q)	-	-
	<b>Total</b>	<b>17</b>	<b>1075</b>

**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.)	2	23
	ii. Technology (No.)	4.0	10
	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**



**Awareness programme**

### Swachhta Hi Seva Campaign (15<sup>th</sup> Sept. to 2<sup>nd</sup> Oct., 2018)

Detail programme during the Swachhta Pakhwada (15<sup>th</sup> Sept. to 2<sup>nd</sup> Oct., 2018)

S.No.	Activities related to "Swachhta Hi Seva" Campaign.
01	"Celebration of Sewa Diwas on 15 <sup>th</sup> Sept. 2018"
02	Awareness among farmers about swachhata. 17 <sup>th</sup> Sept. 2018"
03	"Celebration of Samagra Swachhta Diwas 18 <sup>th</sup> Sept. 2018"
04	Awareness among farmers about swachhata. 20 <sup>th</sup> Sept. 2018"
05	"Celebration of Sarwatra Swachhta Diwas 22 <sup>th</sup> Sept. 2018"
06	Cleaning of back yard of office building 25.09.18
07	"Awareness programme at KVK Nohar with students about "Swachhta Hi Seva" Campaign. 24 <sup>th</sup> Sept. 2018"
08	Celebration of "Swachhta Diwas" at LRS Nohar on 26 <sup>th</sup> Sept. 2018"
09	"Celebration of Sewa Diwas on 28 <sup>th</sup> Sept. 2018"
10	"Celebration of Sewa Diwas on 02 <sup>nd</sup> Oct. 2018"

#### Action photographs:



Cleaning of surrounding office building



Awareness among farmers about swachhata

### Parthenium Awareness Week (16-22 August, 2018)



### Celebration of important & special days



**Celebrated Swachhta Diwas on 2.10.2018**



**Celebrated Mahila Kisan Diwas on 15.10.2018**



**Celebrated Agril. Education Day on 03.12.2018**



**Celebrated World Soil Day on 05.12.2018**



**Celebrated Kisan Diwas on 23.12.2018**



**International Women's Day on 08.03.2019**

### SCIENTIFIC ADVISORY COMMITTEE MEETING



**Photo: 6<sup>th</sup> Scientific Advisory Committee meeting of Krishi Vigyan Kendra, NOHAR, Hanumangarh-II was held on dated 25<sup>th</sup> March, 2019 at Panchayt Samiti Hall, Noohar.**

## EXHIBITON STALL

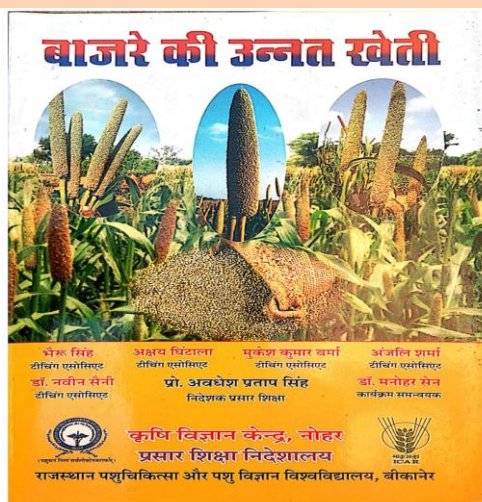


KVK exhibition stall in "Kisan Mela's"

RAWE Programme



Folder Published







**OFFICE OF THE PRINCIPAL INVESTIGATOR  
VETERINARY UNIVERSITY TRAINING & RESEARCH CENTRE**

**पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र**

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

**Prof. (Dr) R. K. Dhuria**

**Principal Investigator**

**राजस्थान पशुचिकित्सा और पशु विज्ञान विश्वविद्यालय, बीकानेर**



Mob. 09414283388 email : [pivutrcrajuvas@gmail.com](mailto:pivutrcrajuvas@gmail.com) website : [www.rajuvas.org](http://www.rajuvas.org)

**—:प्राक्कथन:—**

राजस्थान पशुचिकित्सा और पशु विज्ञान विश्वविद्यालय, बीकानेर राज्य के 13 जिलों में स्थापित पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र के माध्यम से प्रसार-प्रचार सेवाओं को गांव-ढाणी तक पहुंचा कर पशुधन कल्याण व विकास के महत्ती कार्य में जुटा हुआ है। राज्य के बाकलिया (नागौर), सूरतगढ, चूरु, कुम्हेर (भरतपुर), अजमेर, सिरोही, डूंगरपुर, टोंक, धौलपुर, कोटा, चित्तौड़गढ़, लूणकरणसर (बीकानेर) तथा जोधपुर जिले में पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्रों की स्थापना करके पशुपालन सेवाओं के सुदृढीकरण का कार्य किया जा रहा है। इन प्रशिक्षण एवं अनुसंधान केन्द्रों के माध्यम से पशुपालकों को नवीनतम तकनीकें तीव्र गति से प्रसारित की जा रही है। राज्य में पशुधन उत्पादकता बढ़ाने और पशुपालकों की आजीविका उन्नयन के लिए पशुपालन के अत्याधुनिक तौर तरीकों तथा प्रसार सेवाओं द्वारा नियमित तौर पर प्रशिक्षण कार्यक्रमों का आयोजन इन केन्द्रों द्वारा किया जाता है, जिससे पशुचिकित्सा तकनीकें एवं पशु कल्याण कार्यक्रम दूरस्थ गांवों के पशुपालकों तक पहुँच सके। इसके साथ ही पशुओं के बांझपन निवारण शिविर, पशुओं की रोग निदान सेवाएं, कृषक प्रशिक्षण, कृषक-वैज्ञानिक संवाद, जैसे आयोजनों में भी इन केन्द्रों की सक्रिय भागीदारी रहती है। ये केन्द्र विश्वविद्यालय के एक महत्वपूर्ण अंग के रूप में प्रशिक्षण, सलाहकारी सेवाएं, प्रौद्योगिकी हस्तांतरण और रोग निदान जैसे चार प्रमुख क्षेत्रों में कार्य कर रहा है। साथ ही स्थानीय समस्याओं पर अनुसंधान एवं उनका समाधान भी जिले में ही संभव हो ऐसे प्रयास किये जा रहे हैं। वर्ष 2018-19 के दौरान केन्द्रों द्वारा 1127 प्रशिक्षण शिविरों का आयोजन कर 34486 पशुपालकों और किसानों को लाभान्वित किया है।

**(राजेश कुमार धूड़िया)  
प्रमुख अन्वेषक**

## **Office of the Principal Investigator**

### **Veterinary University Training and Research Centre**

### **Rajasthan University of Veterinary and Animal Sciences, Bikaner**

Extension Education is 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 Principal Investigator, Veterinary University Training and Research Centres, the extension work in the field is mainly carried out through Veterinary University Training and Research Centre (VUTRCs) in 13 district of Rajasthan. 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.

VUTRCs imparting skill based training for strengthening the entrepreneurial activities in the rural areas. The VUTRCs are actively involved in training and capacity building initiatives for the farmers and the unemployed youth across the state. The Principal Investigator being a crucial organ of the University 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 farmers' problem is crucial and the VUTRCs are striving to build this linkage in the most effective manner through various activities. It also involves in organization of animal treatment and infertility treatment camps, farmers' training, exhibitions, farmers- scientist interaction, demonstrations etc. For strengthening the extension activities, various programmes are being implemented through ATMA and other government and non-government organisations. 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. VUTRCs are also providing consultancy services to the livestock farmers

according to their problems in the field of animal husbandry and providing disease diagnostic services to them by testing of blood, faecal, milk and urine samples at VUTRCs laboratory.

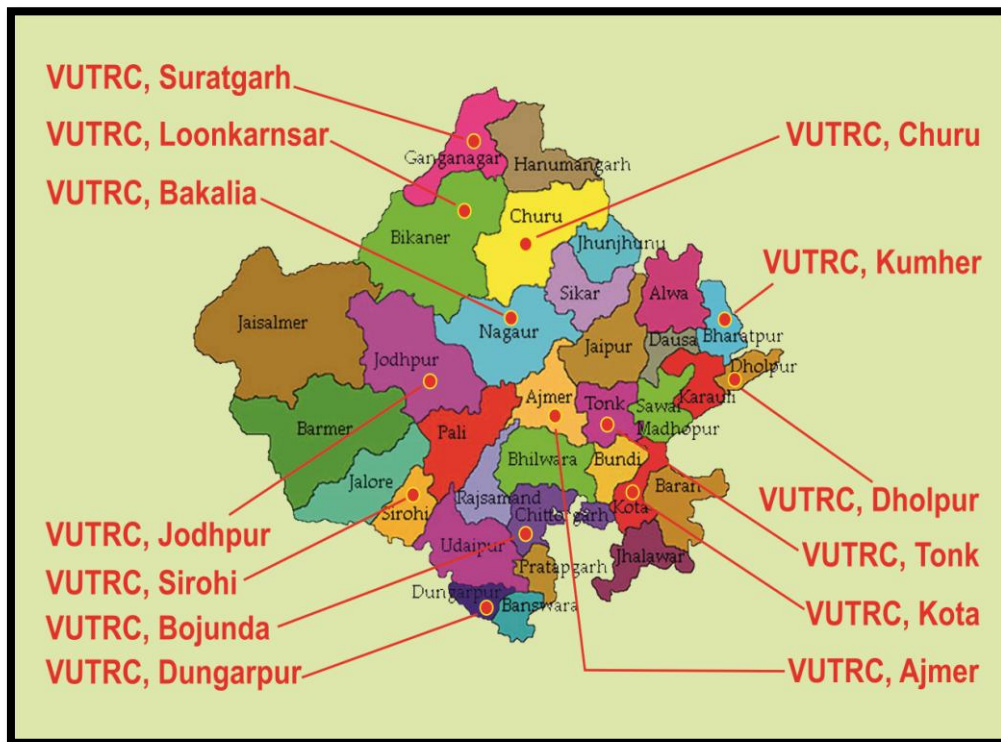
Thus, four principal functional areas of the VUTRCs are training, advisory, transfer of technology and diagnostic facilities. The Veterinary University Training and Research Centres are headed by the Principal Investigator, VUTRC, RAJUVAS, Bikaner. Other faculty members of different VUTRC are working under the technical support of Principal Investigator, Veterinary University Training and Research Centre. In the year 2018-19, thirteen Veterinary University Training and Research Centre at Bakalia (Nagaur), Suratgarh (Sriganganagar), Kumher (Bharatpur), Bojunda (Chittorgarh), Churu, Tonk, Dungarpur, Sirohi, Kota, Ajmer, Dholpur, Loonkaranser (Bikaner) and Jodhpur have become functional.

### **Mandate**

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.

### **Objectives**

- ❖ 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 VUTRCs

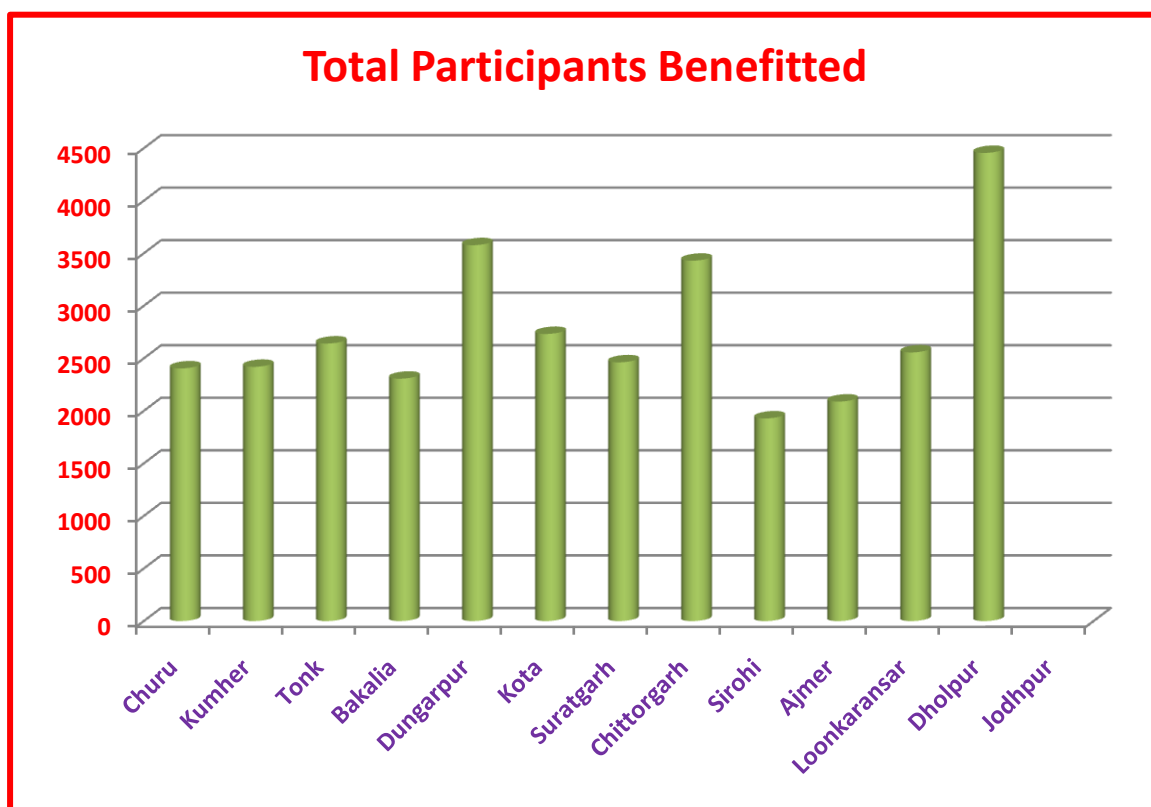
S.No	Name of Post	No. of Post	Pay-Band	Grade Pay
1.	Associate Professor	11	37400-67000	9000
2.	Assistant Professor	22	15600-39100	6000
3.	Technical Assistant	22	9300-34800	4200
4.	LD.C.	19	5200-20200	2400
5.	L.D.C. 1/6	1	5200-20200	1900
6.	Driver	6	5200-20200	2400
7.	Driver 1/6	5	5200-20200	1900
8.	Class-IV	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	5	4750-7440	1400
12.	Helper	6	5200-20200	1700
13.	Helper 1/S-2	5	4750-7440	1400
14.	MTS	1	-	-
<b>Total</b>		<b>119</b>		

**Progress of Work done in the year 2018-19****(A) Physical Progress:****1. Organization 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.

**Training Programmes organized by VUTRCs (2018-19)**

Centre	Training Programme					
	On campus	Off campus	Total Trainings	Male	Female	Total Participants
VUTRC, Churu	3	78	81	1289	1505	<b>2794</b>
VUTRC, Kumher	9	96	105	1551	149	<b>1700</b>
VUTRC, Tonk	0	86	86	2157	265	<b>2422</b>
VUTRC, Bakalia	7	85	92	2073	491	<b>2564</b>
VUTRC, Dungarpur	0	80	80	1003	1527	<b>2530</b>
VUTRC, Kota	0	99	99	2914	205	<b>3119</b>
VUTRC, Suratgarh	15	59	74	2047	374	<b>2421</b>
VUTRC, Chittorgarh	31	74	105	2092	877	<b>2969</b>
VUTRC, Sirohi	10	87	97	1807	1282	<b>3089</b>
VUTRC, Ajmer	0	63	63	1010	1035	<b>2045</b>
VUTRC, Loonkarnsar	12	65	77	2378	62	<b>2440</b>
VUTRC, Dholpur	8	88	96	1650	2485	<b>4135</b>
VUTRC, Jodhpur	0	72	72	1927	331	<b>2258</b>
<b>Total</b>	<b>95</b>	<b>1032</b>	<b>1127</b>	<b>23898</b>	<b>10588</b>	<b>34486</b>

**Training Programmes organized by VUTRCs (2018-19)****Participants Benefitted by Trainings organized by VUTRCs (2018-19)**

## 2. Organization of Vichar Gosthi

Centre	No. of Activities	No. of Participants		
		Male	Female	Total
VUTRC, Churu	6	68	0	68
VUTRC, Kumher	2	22	0	22
VUTRC, Tonk	10	111	0	111
VUTRC, Bakalia	7	75	23	138
VUTRC, Dungarpur	7	50	34	84
VUTRC, Kota	10	73	4	77
VUTRC, Suratgarh	1	84	0	84
VUTRC, Chhitorgarh	5	47	32	79
VUTRC, Sirohi	9	67	10	77
VUTRC, Ajmer	1	0	49	49
VUTRC, Dholpur	9	109	108	217
<b>Total</b>	<b>67</b>	<b>706</b>	<b>260</b>	<b>1006</b>

## 3. Organization of Animal Treatment Camps

Centre	No. of Activities	No. of Participants		
		Male	Female	Total
VUTRC, Kumher	1	11	0	11
VUTRC, Tonk	10	88	0	88
VUTRC, Dungarpur	4	15	3	18
VUTRC, Chhitorgarh	8	105	41	146
VUTRC, Sirohi	2	57	17	74
VUTRC, Ajmer	1	16	15	31
VUTRC, Dholpur	1	5	12	17
<b>Total</b>	<b>27</b>	<b>297</b>	<b>88</b>	<b>385</b>

## 4. Organization of Demonstration/ Transfer of Technology

Centre	No. of Activities	No. of Participants		
		Male	Female	Total
VUTRC, Churu	5	3	2	5
VUTRC, Tonk	4	4	0	4
VUTRC, Bakalia	10	78	20	98
VUTRC, Dungarpur	4	0	0	0
VUTRC, Kota	12	11	1	12
VUTRC, Suratgarh	112	112	0	112
VUTRC, Chhitorgarh	6	6	0	6
VUTRC, Ajmer	86	49	56	105
VUTRC, Lunkaransar	0	25	2	27
VUTRC, Dholpur	3	12	20	32
<b>Total</b>	<b>242</b>	<b>300</b>	<b>101</b>	<b>401</b>

## 5. Organization of Farmers-Scientist Interaction

Centre	No. of Activities	No. of Participants		
		Male	Female	Total
VUTRC, Churu	6	87	0	87
VUTRC, Tonk	1	10	0	10
VUTRC, Kota	4	32	0	32
VUTRC, Suratgarh	5	400	0	400
VUTRC, Chhitorgarh	3	51	25	79
VUTRC, Sirohi	1	39	0	39
VUTRC, Ajmer	1	20	25	45
VUTRC, Lunkaransar	6	87	0	87
<b>Total</b>	<b>27</b>	<b>726</b>	<b>50</b>	<b>779</b>

## 6. 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, PI VUTRC Rajasthan University of Veterinary & Animal Sciences, Bikaner constituted teams of multidisciplinary scientists at every VUTRC. These teams have adopted 13 villages and various activities are carried out in the concerning villages. During the year 2018-19 they have conducted 294 activities i.e. interface meetings, demonstrations related to animal husbandry and training programmes covering animal nutrition, breeding, health care and reproduction aspects in adopted villages. In these activities total 4970 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 to the farmers through different extension tools like goathi, mobile phones, literature, etc. They are also sensitizing them with issues of national interests like Swatchh Bharat Abhiyan, Climate change, Water Conservation etc.



## 7. Organization of Exhibitions:

VUTRCs also organize exhibitions, highlighting research achievements in the fields of veterinary and animal science, and also participate in exhibitions organised by other institutions/organisations at District level.

S.No.	Event	Place	Date
1.	Kissan Mela	KVK Sangaria	20 December 2018
2.	Kissan Mela	PD ATMA, Sriganganagar	28-29 January 2019
3.	Kissan Mela	Sab Mandi Yard, Sriganganagar	22-24 February 2019



Exhibition in Kissan Mela organized by KVK, Sangaria on 20<sup>th</sup> December 2018



Exhibition in Kissan Mela organized by P.D. ATMA, Sriganganagar on 28-29 January 2019



Exhibition in Kissan Mela organized by Sab Mandi Yard, Sriganganagar on 22-24 February 2019

## 8. Award/Honour:

VUTRC, Suratgarh was awarded with first prize in exhibit stall in Pre-Rabi Meet organized by KVK, Sangaria on 20<sup>th</sup> December 2018.





## (B) Financial Progress:

## Budgetary Progress (2018-19)

S. No.	Budget Head	Subhead	Salary	TA	Medical	Liveries	Recurring	Non Recurring	(Rs in Lac)	
									Gross Total	
1.	SP 25 (G)	Allocation	263.63	7.50	-	0.07	29.95	-	301.15	
		Expenditure	237.11	7.48	-	0.07	29.94	-	274.60	
2.	SP 25 (S)	Allocation	-	-	-	-	100.00	12.00	112.00	
		Expenditure	-	-	-	-	98.78	10.24	109.02	

# **Veterinary University Training & Research Centre (VUTRC)**

## **Kumher** **(Bharatpur)**



### **ANNUAL PROGRESS REPORT 2018-19**

**(April 1, 2018 to March 31, 2019)**



## **VETERINARY UNIVERSITY TRAINING & RESEARCH CENTRE**

**Rajasthan University of Veterinary & Animal Sciences**  
**Bikaner-334001**

## 1. General Information about Bharatpur District

### a. 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.

### **b. Geographical Position**

Bharatpur, Eastern gate of Rajasthan, is situated between 26° 22' to 27° 33' 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.

### c. 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.

<b>1</b>	Tehsils	11
<b>2</b>	Panchayat Samities	10
<b>3</b>	Gram Panchayats	374
<b>4</b>	Villages	1534

### d. 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 <sup>2</sup>	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

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

<b>Species</b>		<b>Bharatpur</b>	<b>State</b>	<b>% of state</b>	<b>% of district livestock</b>
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

**f. 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

## 2. General Information about VUTRC, Kumher

### a. 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

### 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	<a href="mailto:deerajuvass@gmail.com">deerajuvass@gmail.com</a>

### c. Name of the Programme Coordinator with phone & mobile No:

Name	Telephone / Contact		
	Residence	Mobile	Email
Prof. (Dr.) A.P. Singh	Bikaner	+91-9414139188	<a href="mailto:deerajuvass@gmail.com">deerajuvass@gmail.com</a>

### d. Year of sanction: .....

### e. Staff Position: (as on 31<sup>st</sup> March, 2018)

SN	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 <sup>th</sup> November, 2014	Permanent
3	Teaching Associate	Dr. Munesh Kumar Pushp	Teaching Associate	Veterinary Gynecology and Obstetrics	40,000	2 <sup>nd</sup> May 2017	Contractual
4	Teaching Associate	Dr. Rohit Kumar Tiwari	Teaching Associate	Veterinary Pathology	40,000	27 <sup>th</sup> Dec 2017	Contractual
5	Livestock Assistant	Contractual	Livestock Assistant	–	12090	July 2014	Temporary
6	Supportive Staff	Contractual	Skilled	–	8500	Sept. 2014/ June 2015	Temporary
		Contractual	Unskilled	–	7600		

## 3. Objectives of VUTRC:-

- To impart trainings, enhance awareness and to conduct demonstration regarding breeding, feedings, management and health care of various species of animals to enhance animal productivity.

- b. To disseminate technology at grass root level for improvement in animal productivity as well as socio-economic status of masses.
- c. Identification of local problems and to impart knowledge as well as prepare technology modules to mitigate the problems.
- d. To provide livestock and farm advisory services through various extensions activities including lecture for quick dissemination of technology.
- e. To assess and refine the latest technology developed under control condition in field for their wider adoption and collecting feedback information from field and generate production rate of livestock farming.
- f. To have provision of services for animal disease diagnosis and treatments testing of feed and fodder as well as animal products.

#### 4. Infrastructural Development:-

##### a. Buildings

SN	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Complete on date	Plinth area (sqm)	Expenditure (Rs)	Starting date	Plinth area (sq m)	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
-	-	-

#### 5. 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.

**b. Trainings:****(a) Off Campus Training**

Period	No. Of Activity	No. Of Participants		
		Male	Female	Total
April 2018	10	121	13	134
May 2018	11	171	13	184
June 2018	11	168	18	186
July 2018	9	104	37	141
August 2018	8	129	37	166
September 2018	9	146	13	159
October 2018	9	91	50	141
November 2018	7	76	12	88
December 2018	8	101	19	120
January 2019	11	158	22	180
February 2019	8	124	12	136
March 2019	6	48	39	87
<b>Total</b>	<b>107</b>	<b>1437</b>	<b>285</b>	<b>1722</b>

**(b) On Campus Training**

Period	No. Of Activity	No. Of Participants		
		Male	Female	Total
April 2018	-			
May 2018	1	13	-	13
June 2018	1	16	-	16
July 2018	-			
August 2018	1	18	-	18
September 2018	1	10	-	10
October 2018	1	8	-	8
November 2018	-	-	-	-
December 2018	1	13	-	13
January 2019	1	20	-	20
February 2019	1	15	-	15
March 2019	1	10	-	10
<b>Total</b>	<b>9</b>	<b>123</b>		<b>123</b>

**c. Animal Treatment Camp**

Period	No. Of Activity	No. Of Participants		
		Male	Female	Total
March 2019	1	11	-	11
<b>Total</b>	<b>1</b>	<b>11</b>	<b>-</b>	<b>11</b>

**d. Vichar Goshthi**

Period	No. Of Activity	No. Of Participants		
		Male	Female	Total
April 2018	1	11	-	11
February 2019	1	11	-	11
<b>Total</b>	<b>2</b>	<b>22</b>	<b>-</b>	<b>22</b>

**6. Participants in Seminar/Conference/Workshop /Training /Meeting and other:****(a) Seminar/Conference/Workshop/Summer Winter School Participated**

- National symposium on “Recent Advances in Veterinary Pathology and Disease Diagnosis for Sustainable Livestock and Poultry Production”, 22-24 Oct. 2018, Dept. of vet. Pathology, SDAU, S.K. Nagar (Gujarat).
- Asian Regional Conference on Goats, 22-26 Oct 2018, Amity University, Jaipur, Rajasthan (India).
- National symposium on “ Holistic approach in Veterinary medicine for better animal health to meet challenges of one health mission to be held from 1-3 Feb. 2019 at CVAS, RAJUVAS Bikaner.

**(b) Training**

Participation twenty-one days Summer school training on “Livestock products quality and safety assurance by advanced microbiological and spectrometry approaches” to be held from 31.07.18 to 20.08.18 at ICAR- Central institute for Research on Goat (CIRG), Makdood, Mathura (UP).

**(c) Meeting attended**

- Participate in meeting at PGIVER, Jaipur regarding AHDP exam 2018 on Sept. 7, 2018.
- Participate in meeting at CVAS, Navania, Udaipur regarding AHDP exam 2018 on Sept. 8, 2018
- Participate in meeting of VC Secretariat at Jaipur on February 9, 2019.

**(d) Award**

- **Best poster Awarded (1st Prize)** - Saba Khan<sup>1</sup>, **R. K. Tiwari<sup>1</sup>**, V. Galav<sup>1</sup>, S. K. Sharma<sup>2</sup>, N. K. Nogia<sup>1</sup>, S. Dariya<sup>1</sup> and R. Dadhich<sup>1</sup> (2018). Comparative Aetio-Pathological Investigations into Bronhopneumonia in Sheep and Goats, and Determination of Antibiotic Sensitivity. Poster presented at Asian Regional

Conference on Goats, 22-26 Oct 2018, Amity University, Jaipur, Rajasthan (India).

(e) **Others**

- External examiner in AHDP exam 2018 from 10.09.2018 to 19.09.2018.
- External observer in AHDP exam 2018 from 24.09.2018 to 28.09.2018.

**7. Research Paper Published in International or National Journal:**

- a. 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.
- b. GN Purohit, Pankaj Thanvi, **Munesh Pushp**, Mitesh Gaur, Chandra shekhar saraswat, Atul Shankar Arora, Surya prakash pannu and Trilok gocher (2019). Estrus synchronisation in buffaloes: Prospects. Approaches and limitations. The Pharma Innovation Journal, 8(2): 54-62.

**8. Popular Article Published: 02**

- a. Dr. Arun Kumar (2019). ,1 , 2 nw/k dk oSKkfud fo'ys"k.k ,oa laHkkouk, Published in Pashupalan Naye Ayam , January 2019, RAJUVAS, Bikaner.
- b. **CHAPTER-** Vikas Galav, **Rohit Kumar Tiwari**, Saba Khan, Farah Naz Faridi (2019). Factors Affecting Antimicrobial Susceptibility Testing. Antimicrobial Resistance.

**9. Radio/ TV Talk delivered: Nil**

**10. News Paper Coverage: 9**

## दूध की मात्रा बढ़ाने के लिए पशुओं को संतुलित आहार ही दें: डॉ. मुनेश

भारतपुर संवाददाता | भारतपुर

पशु चिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केंद्र कुम्हेर द्वारा सोमवार को पंचायत समिति बयाना के हर नगर गांव में दुधारू पशुओं में संतुलित आहार प्रबंधन पर एक दिवसीय पशुपालक प्रशिक्षण शिविर आयोजित किया गया। शिविर में डॉ. मुनेश कुमार पुष्प ने पशुओं को संतुलित आहार के फार्मूलों से संतुलित दाना तैयार कर उसमें खनिज लवण मिलाने की महत्ता की जानकारी दी। पशुपालकों

को उत्पादन के अनुरूप मात्रा में ही दाना देने की सलाह दी ताकि पोषण से पशु की क्षमता अनुरूप दुग्ध उत्पादकता बनी रह सके। शिविर में डॉ. रोहित कुमार तिवारी ने पशु पोषण में वर्ष भर हरा चारा उपलब्ध रखने के लिये चारे से साइलेज बनाने की विधियों को समझाया। शिविर में पशुओं में संक्रामक रोग मुंहपका, खुरपका, गलघोटू व लंगड़ा बुखार से बचाव व टीकाकरण के महत्व की जानकारी दी।

बड़ी खबरें राजस्थान प्रज्ञा 18/07/2018

### पशुपालकों को दिया प्रशिक्षण

भारतपुर: पशु चिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केंद्र कुम्हेर की ओर से गुरुवार को पंचायत समिति नगर के ग्राम सिरथला में किसानों और पशुपालकों के लिए प्रशिक्षण शिविर लगाया गया। शिविर में सहायक आचार्य डॉ. अरुण कुमार ने किसानों और पशुपालकों को जैविक कृषि, जैविक, देशी गायों के नस्ल के संरक्षण, पशुओं के बीमा, टीकाकरण, डीवार्मिंग, संतुलित आहार प्रबंधन, थनेला, खुरपका मुंहपका आदि के विषय में जानकारी दी। डॉ. मुनेश कुमार पुष्प एवं डॉ. रोहित कुमार तिवारी ने दुधारू पशुओं में दूध बढ़ाने के लिए संतुलित पशु आहार बनाने की विधि, पशुओं में बांझपन प्रबंधन एवं उपचार के बारे में बताया साथ ही बकरियों में होने वाले फड़किया रोग के कारण एवं बचाव के बारे में जानकारी दी।

## खोहरा में पशुपालकों को दिया प्रशिक्षण

भारतपुर 24/05/2018  
पशु चिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केंद्र कुम्हेर की ओर से गुरुवार को गांव खोहरा में किसान व पशुपालकों के लिए प्रशिक्षण शिविर आयोजित किया। सहायक आचार्य डॉ. अरुण कुमार ने बताया कि गर्मियों में पशुओं में हीट स्ट्रेस की समस्या रहती है। पशुओं को छायादार स्थान पर रखना चाहिए। शरीर पर पानी का छिड़काव करना चाहिए। साथ ही पशुओं का बीमा, टीकाकरण आदि का उपयोग करने की जानकारी दी। डॉ. मुनेश कुमार पुष्प एवं डॉ. रोहित कुमार तिवारी ने दुधारू पशुओं में दूध बढ़ाने के लिए संतुलित पशु आहार देने की बात कही।

दैनिक भास्कर

08.08.18

### जिले की खबरें

#### पशु बांझपन पर प्रशिक्षण शिविर लगा

भारतपुर | पशु चिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केंद्र कुम्हेर द्वारा पंचायत समिति भुसावर के ग्राम नगला ईमलीबाला में मंगलवार को पशु बांझपन कारण व उपाय पर एक दिवसीय पशुपालक प्रशिक्षण शिविर लगा। डा. मुनेश कुमार पुष्प व डॉ. रोहित कुमार तिवारी ने पशुपालकों को पशुओं को गर्म लू से बचाव, गर्मी में हरे चारा की समस्या के निवारण के लिए साइलेज चारे का पशु आहार में महत्व व संक्रामक रोगों मुंहपका-खुरपका, गलघोटू व लंगड़ा बुखार से बचाव व टीकाकरण के महत्व की जानकारी दी। साथ ही गाय-भैसों के बांझपन में जनन व्याधि रोगों के कारण व उपाय पशुपालकों को समझाए।

## राजस्थान पत्रिका

दिनांक 16/05/2018

डेयरी प्रबन्धन एवं  
बकरीपालन का दिया  
प्रशिक्षण

भरतपुर पशु चिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र, कुम्हेर की ओर से सोमवार को पंचायत समिति वैर की ग्राम पंचायत धरसोनी में डेयरी प्रबन्धन एवं बकरी पालन पर एक दिवसीय प्रशिक्षण शिविर आयोजित किया गया। शिविर में सहायक आचार्य डॉ. अरुण कुमार एवं डॉ. मुनेश कुमार पुष्प ने पशुपालकों को डेयरी प्रबन्धन में गाय व भैंस की उन्नत स्थानीय व विदेशी नस्ल, दुधारू पशुओं का चयन, नस्ल सुधार के बारे में जानकारी दी। साथ ही बकरी की विभिन्न नस्लों, उन्नत नर का चयन व प्रजनन नीति, पोषण में दाने का महत्व के बारे में भी जानकारी दी। डॉ. रोहित कुमार तिवाड़ी ने ग्रामीण पशुपालकों को पशुओं में होने वाली बीमारियों, उपचार, देखभाल व टीकाकरण आदि की जानकारी दी।

## राजस्थान पत्रिका

8.08.18

पशु बांझपन पर  
प्रशिक्षण शिविर  
आयोजित

पत्रिका न्यूज नेटवर्क  
rajasthanpatrika.com

भरतपुर पशु चिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र कुम्हेर की ओर से पंचायत समिति भुसावर के ग्राम नगला ईमलीबाला में मंगलवार को पशु बांझपन के कारण व उपाय पर एक दिवसीय पशुपालक प्रशिक्षण शिविर आयोजित किया गया। डा० मुनेश कुमार पुष्प व डॉ. रोहित कुमार तिवाड़ी ने पशुपालकों को पशुओं को गर्म लू से बचाव, गर्मी में हरे चारा की समस्या के निवारण के लिए साईलेज चारे का पशु आहार में महत्व व संक्रामक रोगों मुंहपका, खुरपका, गलघोंटू व लंगडा बुखार से बचाव व टीकाकरण के महत्व की जानकारी दी साथ ही गाय-भैंसों के बांझपन में जनन व्याधि रोगों के कारण व उपाय पशुपालकों को समझाए।

राजस्थान पत्रिका  
10.08.18प्रशिक्षण शिविर  
आयोजित

भरतपुर पशु चिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र कुम्हेर की ओर से गुरुवार को पंचायत समिति वैर के ग्राम नया बरखेड़ा में पशु प्रबन्धन पर एक दिवसीय प्रशिक्षण शिविर आयोजित हुआ।

शिविर में डॉ. मुनेश कुमार पुष्प व डॉ. रोहित कुमार तिवाड़ी ने पशुपालकों को गाय व भैंस की विभिन्न समस्या जैसे बांझपन, ताव में न आने व गर्भित न होना से अवगत कराया। उन्होंने पशुओं को संक्रामक रोगों मुंहपका, खुरपका, गलघोंटू व लंगडा बुखार से बचाव व कृमिनाशक दवाओं व टीकाकरण के बारे में जानकारी दी। डॉ. ललितेश ने शिविर में पशुपालकों व ऊंटपालकों को पशुपालन विभाग में चल रही विभिन्न योजनाओं के बारे में बताया।

राजस्थान पत्रिका 07.07.18

डेयरी प्रबन्धन एवं बकरी  
पालन पर प्रशिक्षण  
शिविर आयोजित

भरतपुर पशु चिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र, कुम्हेर की ओर से शुक्रवार को गांव लुधावई में डेयरी प्रबन्धन एवं बकरी पालन पर एक दिवसीय प्रशिक्षण शिविर आयोजित किया गया।

शिविर में सहायक आचार्य डॉ. अरुण कुमार एवं डॉ. रोहित कुमार तिवाड़ी ने पशुपालकों को डेयरी प्रबन्धन में गाय व भैंस की उन्नत स्थानीय व विदेशी नस्ल, दुधारू पशुओं का चयन, नस्ल सुधार के बारे में जानकारी दी साथ ही बकरी की विभिन्न नस्लों, उन्नत नर का चयन व प्रजनन नीति, पोषण में दाने का महत्व की जानकारी दी। डॉ. रोहित ने पशुपालकों को पशुओं में होने वाली बीमारियों एवं उपचार व पशुओं की देखभाल, पशु स्वास्थ्य, टीकाकरण व पशुओं का अन्तः व बाह्य परजीवियों से बचाव की भी जानकारी दी।

## 11. Photographs of Trainings:-



# **Veterinary University Training & Research Centre (VUTRC)**

## **Bojunda (Chittorgarh)**



### **ANNUAL PROGRESS REPORT 2018-19**

**(April 1, 2018 to March 31, 2019)**



**VETERINARY UNIVERSITY TRAINING &  
RESEARCH CENTRE**

**Rajasthan University of Veterinary & Animal Sciences**  
**Bikaner-334001**

## RAJASTHAN UNIVERSITY OF VETERINARY & ANIMAL SCIENCES, BIKANER

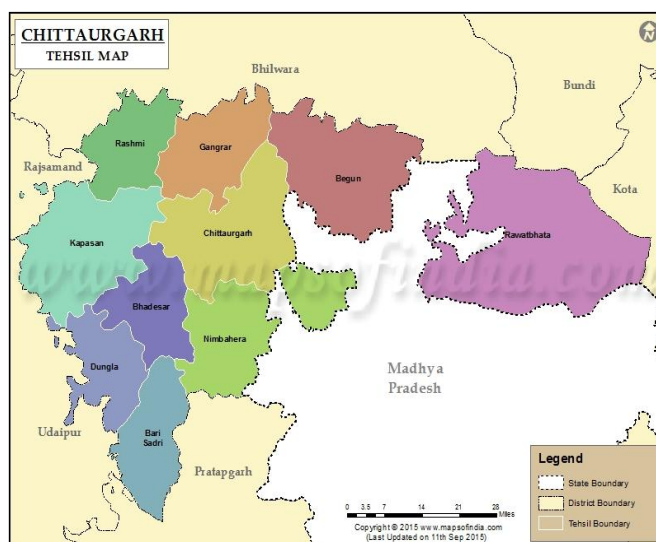
- |                           |   |  |
|---------------------------|---|--|
| 1. Project Title          | - | Veterinary University Training & Research Centre (VUTRC)     |
| 2. Location               | - | Bojunda  |
| 3. Area of Jurisdiction   | - | Chittorgarh District   |
| 4. Year of Sanction       | - | 23 July, 2014  |
| 5. Period of Report       | - | 1 <sup>st</sup> April, 2018 to 31 <sup>st</sup> March, 2019. |
| 6. Principal Investigator | - | Professor (Dr) Awadesh Pratap Singh<br>DEE, RAJUVAS, BIKANER |
| 7. Officer in-charge      | - | Dr. M. C. Sharma<br>(Assistant Professor, LPM)               |

### 1. 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.

#### a. Map Of Chittorgarh District



**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, Rawatbhta, Chittuargarh, Bhopalsagar, Kapasan, Dungla, Bhadesar, Nimbahera and

			Badi Sadri.
3.	Panchayat Samiti	11	Rashmi, Gangrar, Begun, Bhainsrogarh, Chittuargarh, Bhopalsagar, Kapasan, Dungla, Bhadesar, Nimbahera and Badi Sadri.
4.	Nagar Palika	6	Begun, Chittuargarh, Kapasan, Nimbahera, Rawatbhta 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, BOJUNDA, 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 Principal investigator with phone & mobile No:**

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

**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.	Officer Incharge*	Dr. Mukesh Chand Sharma	Assistant Professor	LPM	Permanent
2.	Teaching Associate	Dr. Ravinder Kumar	Teaching Associate	AGB	Contractaul
3.	Teaching Associate	Dr. Mukesh Kumar Meena	Teaching Associate	VeterinaryMedicine	Contractaul
4.	LSA & Two Watchman	—	LSA & Two Watchman	—	Through Service Provider

\* Additional charge of this post

## 1. Objectives of VUTRC:

- 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 states or 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 collecting feedback information from field and generate production date of livestock farming.
- To have provision of services for animal disease diagnosis and treatments testing of feed & fodder as well as animal products.

## 2. Infrastructural Development

### a. VUTRC 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



1.	VUTRC Building	RKVY	23 July, 2014	–	–	–	–	–
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**b. Vehicles:**

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

**c. Equipments & AV aids purchased reporting period:**

Name of the equipment	Year of purchase	Number	Cost (Rs)	Source of funding	Present status
Projector	2015	01	60637.60	RKVY	Working
Digital Camera	2015	01	19374.40	RKVY	
Dry Vacuum Cleaner, Z Power	2015	01	27503.60	RKVY	
Microscope, Olympus Research	2015	01	47040.40	RKVY	
Balance Electronic Laboratory Precisionc 220	2015	01	34656	RKVY	
P.H. Meter Portable Digital, Ki 262	2015	01	6156	RKVY	
Hp All In One Multifunction	2015	01	18312	RKVY	
Hp Computer Core-17 (Hp 8300)	2015	02	116340	RKVY	
Exhibits Panel (Display Board Rd-116-06	2015	03	27702	RKVY	
Roll Up Banner Standy (Size 2.5' X 6")	2015	06	5880	RKVY	
Digital Photo Copier, Taskalfa-180,A3 Size	2015	01	80246.33	RKVY	
White Board, Deluxe (Size 6' X 4")	2015	03	14742	RKVY	
Pin Board, Deluxe (Size 6' X 4")	2015	02	10836	RKVY	
Cd & Paper Combo, Shredder Machine	2015	01	4194.80	RKVY	
NSW-151 Incubator Universal SIZE- 605x605x605 MM	2015	01	68785	RKVY	
NSW- 143 Oven Universal Size- 455x455x605 MM	2015	01	37670	RKVY	
Wireless Amplifier Rechargeable (Ac/Dc)	2015	01	17900	RKVY	
Deep Freezer Vertical, (-20 <sup>0</sup> c) 170 Ltr.	2015	01	105051	RKVY	
Surgical Water Bath Double Walked, Chino Make	2015	01	22093.20	RKVY	
Heating Plate Round Rating 3 Kw, Chino Make	2015	01	6498	RKVY	



Lab Centrifuge General Purpose 200ml, Speed 5000 Rpm, Chino Make	2015	01	17869.40	RKVY	
Angel Rotor Head With Metal Carrier & Pp Tubes 8x15, Chino Make	2015	01	2707.60	RKVY	
Angel Rotor Head With Metal Carrier & Pp Tubes 4x50, Chino Make	2015	01	3790.60	RKVY	
Laboratory Autoclave (Vertical) Ki- 170 (B) 500x300 Mm Rating 2.0 Kw Model No. Ki 171 With Accessories 1. Auto Clave, 2. Automatic Water Level Cut Off Device Elec., 3. Digital Temperature Indicator, 4. Programmable Digital Temp. Controller With Digital Timer Automatic	2015	01	82593	RKVY	
Glass Distillation Capacity Of Glasks- 3 Liter Double Stage Ki- 222	2015	01	23598	RKVY	
Office Table One Side 3 Drawer & One Side Cub Board, (Size 5' X 3" X 2.5')	2015	01	16530	RKVY	
Computer Table , (Size 4' X 2.5" X 2.5')	2015	04	38760	RKVY	Working
Table Sum Mca Top One Drawer, (Size 3' X 2" X 2.5')	2015	02	7296	RKVY	
Stool Cum Mica Top (Size 12" X 12" X 18")	2015	04	4104	RKVY	
Side Rack Open, , (Size 3' X 1.5' X 2.5')	2015	01	3249	RKVY	
Almirah Big 5 Block, (Size 76" X 36" X 18"), 22 Gauge	2015	04	38760	RKVY	
Office Chair, Revolving Half Back	2015	01	5700	RKVY	
Visitor Chair	2015	10	28500	RKVY	
Iron Sofa, Three Seater	2015	04	21040	RKVY	
Steel Rack, (Size 76" X 63" X 15")	2015	04	12312	RKVY	
Lock Harrison (65 Mm)	2015	10	2680	RKVY	
Dari Khadi Cotton (Size 15" X 12" 180 Sqft.)	2015	03	24300	RKVY	
Refrigerator 5 Star Lg Make (190	2015	01	18975	RKVY	

Ltr.)					
Fiber Glass Body Room Cooler (Size 20")	2015	02	19750	RKVY	
Gir Cow Model	2016	01	18100	RKVY	
Rd 116-06 Multiple Exhibits Panel For Outdoor Use (90 X 120cm X 3)	2016	02	18000	RKVY	
Rd 117-06 Multiple Exhibits Panel For Indoor Use (120 X 90cm)	2016	03	6000	RKVY	
Rd 117-06 Multiple Exhibits Panel For Indoor Use (150 X 90cm)	2016	03	7950	RKVY	
Inverter With Battery And Trolley	2016	01+01	25638.75	RKVY	
Modular Table , Size:1800x750x750	2017	02	16329	RKVY	
Computer Chairs (Contilur Type With Arm)	2017	70	128520	RKVY	
Computer Chairs (Adjustable Cum Revolving Type)	2017	05	14885	RKVY	
Moniter Led 40", Full Hd(Gm-40)	2017	01	44437.50	RKVY	
Model Of Sahiwal Cow	2017	01	19910	RKVY	

#### Technical Achievements

#### 1. Survey Report-

- Survey of about 5505 farmers of 221 villages of 115 gram Panchayats of district chittorgarh was done till 31 March, 2019.
- One Village Devri is adopted by V.U.T.R.C. Bojunda, Chittorgarh under MGMG scheme.

#### 1. Trainings:

##### Off Campus Trainings:

Period	No. of Activity	No. of participants		
		Male	Female	Total
April - 2018	06	112	27	139
May – 2018	06	137	11	148
June – 2018	06	153	58	211
July – 2018	07	147	116	263
August – 2018	07	190	60	250
September-2018	03	60	14	74
October-2018	07	180	59	239
November-2018	05	96	65	161
December-2018	08	216	84	300
January-2019	07	123	124	247

February-2019	07	167	29	196
March-2019	05	74	51	125
TOTAL	74	1655	698	2353

**On-Campus Trainings:**

Period	No. of Activity	No. of participants		
		Male	Female	Total
April - 2018	04	49	19	68
May – 2018	03	36	13	49
June – 2018	04	30	24	54
July – 2018	03	52	36	88
August – 2018	03	72	22	94
September-2018	-	-	-	-
October-2018	03	34	20	54
November-2018	02	22	06	28
December-2018	02	28	06	34
January-2019	03	37	33	70
February-2019	03	53	00	53
March-2019	01	19	00	19
TOTAL	31	432	179	611

**2. Animal Treatment Camps:**

Period	No. of Activity	No. of participants		
		Male	Female	Total
June – 2018	01	15	03	18
July – 2018	05	49	24	73
August – 2018	01	30	00	30
January-2019	01	25	00	25
TOTAL	08	119	27	146

**3. Vichar- Gosthi:**

Period	No. of Activity	No. of participants		
		Male	Female	Total
April - 2018	01	12	00	12
October-2018	01	10	07	17
December-2018	01	05	10	15
February-2019	01	10	10	20
TOTAL	04	37	27	64

**4. Farmer- Scientist Interaction:**

Period	No. of Activity	No. of participants		
		Male	Female	Total
May – 2018	01	10	08	18
September-2018	01	24	14	38
March -2019	01	17	06	23
TOTAL	03	51	28	79

**5. Field Day (If any):**

Period	No. of Activity	No. of participants		
		Male	Female	Total
August – 2018	01	35	00	35
December-2018	01	30	00	30
March -2019	01	00	25	25
TOTAL	03	65	25	90

**1. "MERA GAON MERA GOURAV" Scheme**

Period	No. of Activity	No. of participants		
		Male	Female	Total
April - 2018	01	12	00	12
June – 2018	01	15	03	18
July – 2018	01	13	06	19
August – 2018	01	16	14	30
October-2018	01	10	07	17
December-2018	01	05	10	15
February-2019	01	10	10	20
TOTAL	07	81	50	131

**Brief Description of different activities from 1 April, 2018 to 31 March, 2019**

ACTIVITIES	No. of Activity	No. of participants		Total
		Male	Female	
Off-Campus	74	1655	698	2353
On-campus	31	432	179	611
Animal Treatment Camp & Vaccination Camp	08	119	27	146
Vichar-Gosthi	04	37	27	64
Farmer- Scientist Interaction	03	51	28	79
Field Day	03	65	25	90

**Participations:**

- a. Participation in Disabled People SHGs Livelihood Skill Development Training on Goatry, CUTS, 14-16 May, 2018.
- b. Participation in Disabled People SHGs Livelihood Skill Development Training on Animal Husbandry, CUTS, 23-25 May, 2018.
- c. Participation in various activities of LRS, Bojunda, Chittorgarh (AHDP Course, Vaccination, Deworming and Treatment at goat farm)
- d. Radio /TV Talk delivered: 04

### PICTURES OF OFF- CAMPUS TRAINING



### PICTURES OF ON- CAMPUS TRAINING



### MERA GAON MERA GAURAV ACTIVITIES



## MISCELLANEOUS ACTIVITIES



Visit of Livestock Farmers at NMPS Project



ADVISORY SERVICES



Azolla Establishment



Vermiculture

## VISIT OF HON'BLE VICE CHANCELLOR AT LRS & VUTRC, CHITTORGARH



WELCOME AT LRS &amp; VUTRC



LABORATORY

**TRAINING HALL****GOAT BREEDING FARM**

## **LIVESTOCK FARMER'S TRAININGS ORGANIZED BY VUTRC, BOJUNDA, CHITTORGARH**

### **Topics covered in Trainings:**

- a. Information about VUTRC, DEE, RAJUVAS, Bikaner.
- b. Breed Improvement through Artificial Insemination.
- c. How to improve milk production.
- d. Animal Nutrition and Management.
- e. Importance of Mineral Mixture in Animal Breeding.
- f. Deworming and vaccination schedule in Animals.
- g. Control measures of various Infectious diseases.
- h. Dairy Farming.
- i. Introduction to different breeds of Cattle and Buffalo.
- j. Sheep Farming.
- k. Goat Farming.
- l. Organic farming.
- m. Vermiculture
- n. Anoestrous problems and their management in dairy animals.
- o. Managerial practices for repeat breeding in dairy animals.

# **Veterinary University Training & Research Centre (VUTRC)**

## **Kota**



### **ANNUAL PROGRESS REPORT 2018-19**

(April 1, 2018 to March 31, 2019)



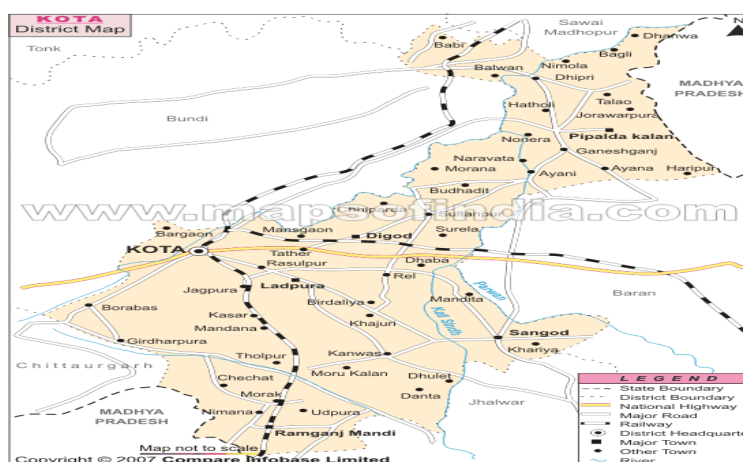
## **VETERINARY UNIVERSITY TRAINING & RESEARCH CENTRE**

**Rajasthan University of Veterinary & 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 of VUTRC Kota - 24 July 2014
6. Period of Report - 1<sup>st</sup> April 2018 to 31<sup>st</sup> March 2019
7. Principal - 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 <sup>2</sup> )	5446
Density (/km <sup>2</sup> )	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.

### 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. It covers an area of 527 km<sup>2</sup>. 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. 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			Buff alo	Sheep	Goat	Horses & Ponies	Mules	Donkeys	Camel	Pig	Livestock	Dogs	Rabbits	Poultry At Backyard	Poultry At Farm	Total Poultry
		Exotic/ C.B. Cattle	Indig enous	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 2018-19**

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	<b>521324</b>
2.	FOREST	<b>125379</b>
3.	NON AGRICULTURE LAND	<b>60021</b>
4.	CULTIVABLE BARREN LAND	<b>23011</b>

**Dairies**

Sr. No.	Detail	Unit
1.	MILK COOPERATIVES	<b>163</b> No.
2.	NO. OF MEMBERS	<b>8629</b> No.
3.	AVERAGE MILK COLLECTION	<b>10520</b> 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 km<sup>2</sup> (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 Vindhyas are dotted in the region. When Jait Singh of Bundi defeated the Bhil Chieftain Koteya 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 Gujrat, 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 record 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 Kotya 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. +91 9782499312	-	vutrckota.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 the Principle Investigator with phone & mobile No:

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

d. Year of sanction : April 2014

### E. Staff Position :( as on 31<sup>st</sup> March, 2019)

S. No	Name of Post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs)	Date of joining	Permanent / Temporary	Category (SC/ST/OBC/Others)
1.	Assistant Professor and In charge	Dr. Ashok Baindha	Assistant Professor	Veterinary & A.H. Extension	(15600-39100)	24-7-2014	Permanent	General

2.	Teaching Associate	Dr. Nikhil Shringi	Teaching Associate	Veterinary Anatomy	40000 Fixed	17-11-2016	Temporary	GEN
3.	Technical Staff	Live Stock Assistant	Live stock Assistant	Diploma	10427 Fixed	10-12-2014	Temporary	OBC
4.	Technical Staff	Computer Operator	Computer Operator	Diploma	10427 Fixed	01-04-2016	Temporary	GEN
5.	Supportive Staff	Supportive Staff	Unskilled	-	7400 Fixed	16-02-2015	Temporary	OBC
6.	Supportive Staff	Supportive Staff	Skilled	-	6700 Fixed	20-03-2016	Temporary	OBC

### Objectives of VUTRC:

- 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 adoption and collection feedback from field and generate production data for livestock farming.
- To have provision of services for animal disease diagnosis and treatment, testing feed & fodder as well as animal products.

### 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.

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
1.	-		-----					

**LAND AVAILABILITY FOR VUTRC KOTA:**

- a. Buildings: Office of VUTRC, Kota is running at Veterinary Polyclinic, Department of Animal Husbandry, Maukha Pada, Kota on temporary basis. Possession of this building taken from Deputy Director, Veterinary Polyclinics on dated 23.12.2014.
- b. Land for VUTRC, Kota: Government of Rajasthan allotted 0.80 Hactare land at Village- Polai Kalan, Tehsil- Digod on 09 May 2018

**Construction of Building: Under Progress****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 2018 to 31 March 2019 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	RAJUVAS BKN	In Working Condition
Computer	2013-14	02	Transferred from office of DEE Bikaner in Dec 2015	RAJUVAS BKN	In Working Condition
Printer	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015	RAJUVAS BKN	In Working Condition
Public Address System Mike and Speaker	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015	RAJUVAS BKN	In Working Condition
LCD Projector	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015	RAJUVAS BKN	In Working Condition
Xerox Machine	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015	RAJUVAS BKN	In Working Condition
Inverter Battery	2016-17	01	Transferred from office of DEE Bikaner in Nov.2016	RAJUVAS BKN	In Working Condition
Monitor LCD 40 Inch Full HD	2016-17	01	Transferred from office of DEE Bikaner in March 2017	RAJUVAS 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 – 2018	7	213	01	214
May- 2018	8	230	10	240
June- 2018	9	281	--	281
July – 2018	7	190	06	196
August – 2018	8	214	51	265
September – 2018	8	261	03	264
October – 2018	9	305	12	317
November – 2018	8	241	--	241
December – 2018	8	250	01	251
January – 2019	9	276	10	286
February-2019	9	255	21	276
March – 2019	9	198	90	288
<b>Total =</b>	<b>99</b>	<b>2914</b>	<b>205</b>	<b>3119</b>

**5. Vichar Gosthi: (Under MGMG)**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April – 2018	--	--	--	--
May- 2018	01	10	--	10
June- 2018	01	07	--	07
July – 2018	01	06	--	06
September – 2018	01	09	--	09
October – 2018	01	10	--	10
November – 2018	01	10	--	10
December – 2018	01	07	04	11
January – 2019	01	08	--	08
February-2019	01	01	--	01



March – 2019	01	05	--	05
<b>TOTAL</b>	<b>10</b>	<b>73</b>	<b>04</b>	<b>77</b>

**6. Field Day**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April – 2018	--	--	--	--
May- 2018	01	08	--	08
June- 2018	01	08	--	08
July – 2018	--	--	--	--
August – 2018	01	08	--	08
September – 2018	--	--	--	--
October – 2018	--	--	--	--
November – 2018	--	--	--	--
December – 2018	--	--	--	--
January – 2019	01	06	--	06
March – 2019	01	04	--	04
<b>TOTAL</b>	<b>05</b>	<b>34</b>		<b>34</b>

**7. Farmer Scientist Interaction**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
July – 2018	01	08	--	08
October – 2018	01	08	--	08
November – 2018	01	07	--	07
December – 2018	01	09	--	09
<b>Total</b>	<b>04</b>	<b>32</b>	<b>--</b>	<b>32</b>

**8. Extension activities carried out by VUTRC, Kota (F.Y.: 2018-19)**

S. No.	Activities	No. of Activities	No. of Participants		
			Male	Female	Total



1.	Off Campus Trainings	99	2914	205	3119
2.	Vichar Gosthi (Under MGMG)	10	73	04	77
3.	Field Visit	05	34	--	34
4.	Farmer's Scientist Interaction	04	32	--	32
5.	Demonstration	12	11	01	12
6.	Advisory Given by (Telephone, Literature, on the centre, other				90
<b>TOTAL</b>		<b>130</b>	<b>3064</b>	<b>210</b>	<b>3364</b>

#### 9. Participation in Conference / Symposium/Workshops/Meetings/Trainings/others:

Sr.N.	Name of Participation	Duration	Conference /Symposiums/Seminar/ Workshop/Training	Organizing Palace
1	Dr. Nikhil Shringi , Teaching Associate	16 May 2018	Attending National Livestock Meeting (NLM) at Kota Collectorate	Collectorate, Kota
2	Dr. Nikhil Shringi , Teaching Associate	14 June 2018	Attending National Livestock Meeting (NLM) at Kota Collectorate	Collectorate, Kota
3	Dr. Nikhil Shringi , Teaching Associate	28 August 2018	Attending National Livestock Meeting (NLM) at Kota Collectorate	Collectorate, Kota
4	Dr. Ashok Baidha, Assist. Prof., Dr. Nikhil Shringi (T.A.)	09 February 2019	A Meeting is to be held on 9 <sup>th</sup> February 2019 in the meeting Hall of the VC Secretariat, Jaipur under the Chairmanship of Hon'ble Vice- Chancellor	VC Secretariat, Jaipur
5	Dr. Nikhil Shringi , Teaching Associate	15 February 2019	Attending National Livestock Meeting (NLM) at Kota Collectorate	Collectorate, Kota
6	Dr. Ashok Baidha, Assist. Prof., Dr. Nikhil Shringi (T.A.)	15 March 2019	5 <sup>th</sup> Extension Education Council meeting	Bikaner

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

- a. Vaccination- Prevention is better than Cure
- b. Breed Improvement through Artificial Insemination
- c. Repeat Breeding in Animals and Solutions
- d. How to improve milk production
- e. Improved Milk Production in Animals through Breed Improvement
- f. Care of new born calf
- g. Clean Milk Production
- h. Importance of Hygiene in better Animal Productivity
- i. Economic Improvement through Adoption of Improved Animal Husbandry Techniques
- j. Importance of Minerals in Animal Health, Reproduction and production
- k. Care and Management of Pregnant Animals
- l. Breed Improvements in Animals Results in Milk Production
- m. Animal Husbandry is the Main Source of income in Rural Areas
- n. Veterinary First Aid etc.

**Livestock Farmer's Training Detail**

S.No.	Name of Village	Date of Training	Male	Female	Total
1	Polai Khurd	16.04.2018	32	--	32
2	Prempura	20.04.2018	29	01	30
3	Surela	21.04.2018	27	--	27
4	Jalimpura	23.04.2018	30	--	30
5	Kherli Kalya	24.04.2018	29	--	29
6	Urna	25.04.2018	36	--	36
7	Arlya Jageer	26.04.2018	30	--	30
8	Aton	10.05.2018	31	--	31
9	Bankyan	11.05.2018	35	--	35
10	Notana	14.05.2018	26	--	26
11	Arnya	18.05.2018	30	--	30
12	Charanheri	16.05.2018	23	07	30
13	Chensa	21.05.2018	27	03	30
14	Dhori	22.05.2018	28	--	28
15	Kacholiya	24.05.2018	30	--	30
16	Rajpura	08.06.2018	35	--	35
17	Baisar	12.06.2018	27	--	27
18	Dhaba	15.06.2018	31	--	31



19	Kishanpura	18.06.2018	30	--	30
20	Napahera	19.06.2018	30	--	30
21	Bhagwanpura	20.06.2018	35	--	35
22	Bhanda	25.06.2018	27	--	27
23	Peepalda Beeram	26.06.2018	34	--	34
24	Kheri	27.06.2018	32	--	32
25	Kalyanpura	11.07.2018	31	--	31
26	Gordhanpura	13.07.2018	27	03	30
27	Jhalara	20.07.2018	29	--	29
28	Hingoniya	21.07.2018	30	--	30
29	Jahangipura	23.07.2018	30	--	30
30	Banethiya	25.07.2018	31	--	31
31	Rangpur	28.07.2018	13	02	15
32	Tathedh	04.08.2018	25	--	25
33	Ayani	09.08.2018	19	21	40
34	Ummedpura	13.08.2018	29	--	29
35	Dorli	14.08.2018	12	30	42
36	Gopalpura	16.08.2018	29	--	29
37	Dabri Kalan	18.08.2018	29	--	29
38	Morpa	20.08.2018	31	--	31
39	Dillipura	21.08.2018	40	--	40
40	Doulatpura	07.09.2018	34	--	34
41	Ranipura	12.09.2018	31	--	31
42	Kacholiya	15.09.2018	32	--	32
43	Kurar	17.09.2018	31	--	31
44	Parliya	18.09.2018	31	--	31
45	Chomakot	20.09.2018	32	--	32
46	Girdharpura	22.09.2018	30	03	33
47	Doodhi	25.09.2018	40	--	40
48	Amla	09.10.2018	33	--	33
49	Bheempura	11.10.2018	29	11	40
50	Toran	12.10.2018	34	--	34
51	Ramkherli	15.10.2018	43	--	43
52	Sohanpura	16.10.2018	38	--	38
53	Bakshpura	20.10.2018	36	--	36
54	Brijnagar	22.10.2018	30	--	30
55	Unkalda	23.10.2018	28	01	29
56	Nalawata	24.10.2018	34	--	34
57	Mandita	12.11.2018	29	--	29
58	Char	14.11.2018	30	--	30
59	Bhagwanpura	15.11.2018	37	--	37
60	Jhalra	16.11.2018	29	--	29



61	Nayagaon Ahiran	17.11.2018	32	--	32
62	Mundli	19.11.2018	23	--	23
63	Thoonpura	20.11.2018	31	--	31
64	Jogara	24.11.2018	30	--	30
65	Chamawata	12.12.2018	29	--	29
66	Mandlya Heri	13.12.2018	34	--	34
67	Singpura	14.12.2018	31	--	31
68	Kadhihera	15.12.2018	31	--	31
69	Kurariya Kalan	17.12.2018	31	--	31
70	Kherli Khoda	18.12.2018	30	--	30
71	Kherli Maharaja	20.12.2018	31	--	31
72	Railgaon	21.12.2018	33	01	34
73	Kherliparasram	08.01.2019	26	05	31
74	Nahariya	09.01.2019	35	--	35
75	Peetampura	10.01.2019	32	--	32
76	Benlot	17.01.2019	32	--	32
77	Pahahera	18.01.2019	33	--	33
78	Umredhi	19.01.2019	30	--	30
79	Bagawada	22.01.2019	33	--	33
80	Dagariya	23.01.2019	25	05	30
81	Bislai	25.01.2019	30	--	30
82	Ramri	08.02.2019	28	02	30
83	Palahera	12.02.2019	32	--	32
84	Kherligurla	14.02.2019	37	--	37
85	Bamoli	16.02.2019	37	--	37
86	Niyana	19.02.2019	24	03	27
87	Deganiya	20.02.2019	27	--	27
88	Dobarli	21.02.2019	27	05	32
89	Khandgaon	22.02.2019	25	02	27
90	Rangpur	25.02.2019	18	09	27
91	Hanotiya	08.03.2019	31	--	31
92	Rangpur	09.03.2019	30	--	30
93	Sarola	11.03.2019	28	--	28
94	Khayawda	14.03.2019	19	18	37
95	Kishanpura Takiya	16.03.2019	27	--	27
96	Gurla	18.03.2019	03	37	40
97	Jhadol	19.03.2019	03	35	38
98	Kalyakheri	22.03.2019	27	--	27
99	Bhatwada	23.03.2019	30	--	30

### Livestock Farmers Participated in the Trainings

No. of Training	Male					Female				
	GEN	OBC	SC	ST	TOTAL	GEN	OBC	SC	ST	TOTAL
99	113	1546	379	878	2915	7	81	44	76	204

Total Livestock Farmer's participated in 99 (NINETY NINE) Trainings= 3119

Average No. of Livestock Farmers Participated/ Training= 32

### *LIVESTOCK FARMER'S TRAININGS AT VILLAGES OF KOTA DISTRICT*



**Field Day****Detail of Field Day Kota District 2018-19**

S. No.	Name of Village	Date	No. of farmers
1	KISHANPURA TAKIYA	28.05.2018	08
2	NOTANA	13.06.2018	08
3	DASLANA	28.08.2018	08
4	DEOLI ARAB	30.01.2019	06
5	MUNDLA	05.03.2019	04

**Total No. of farmers contacted= 34****Farmer Scientist Interaction****Detail of Farmer Scientist Interaction Kota District 2018.19**

S. No.	Name of Village	Date	No. of farmers
1	MANDANIYA	16.07.2018	08
2	CHENDRESAL	05.10.2018	08
3	JHALIPURA	28.11.2018	07
4	BHEEMPURA	10.12.2018	09

**Total No. of farmers contacted= 32****Mera Gaon Mera Gaurav**

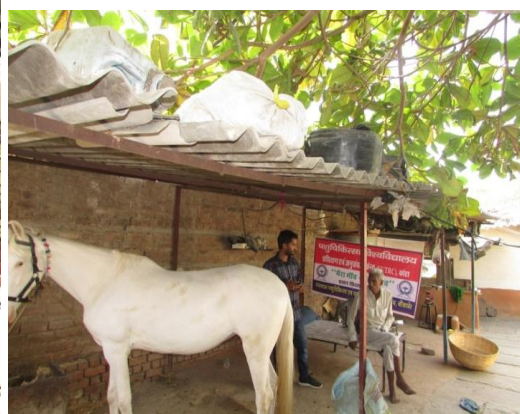
As per the guideline of ICAR, and as per instruction of DEE, RAJUVAS, under Mera Gaon Mera Gaurav VUTRC kota had selected and adopt village Rangur in Ladpura

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 2018-2019**

S. No.	Name of MGMG Selected Village	Date of Visit/ Extn Work/ Ghosthis	No. if farmer's contacted
1	Rangpur	07.05.2018	10
2	Rangpur	05.06.2018	07
3	Rangpur	06.07.2018	06
4	Rangpur	28.07.2018	15
5	Rangpur	13.09.2018	09
6	Rangpur	27.10.2018	10
7	Rangpur	26.11.2018	10
8	Rangpur	05.12.2018	11
9	Rangpur	07.01.2019	08
10	Rangpur	25.02.2019	27
11	Rangpur	09.03.2019	30
12	Rangpur	27.03.2019	05

**Total No. of Farmers contacted= 148**



आर. एन. आई. नं. : RAJHIN/2013/59711



प्रसार शिक्षा निदेशालय  
समग्रज्ञान पशुचिकित्सा और पशु विज्ञान विश्वविद्यालय  
बोकारो

पोस्टल रजि. नं. : बीकानेर/146/2018-20

# पशु पालन नए आयाम

वर्ष : 6    अंक : 6    फरवरी-2019    मूल्य : ₹ 2.00

मार्गदर्शन : कुलपति प्रो. (डॉ.) विष्णु शर्मा



पशुपालन दिवस सर्वलोकोपकारकम्

## सफलता की कहानी

ग्राम डगारिया, तहसील दीगोद, जिला कोटा के पशुपालक महेश मीणा पुत्र हंसराज मीणा ने कृषि एवं पशुपालन का उचित सामंजस्य बनाकर पशुपालन को कृषि के साथ में अपनाकर अपनी सामाजिक व आर्थिक स्थिति को सुदृढ़ बनाया है। ये शुरू में कृषि व्यवसाय को ही ज्यादा महत्व देते थे लेकिन इनके मन में पशुपालन को अपनाने की प्रबल इच्छा थी। इनके पास 50 बीघा जमीन है और कृषि के साथ-साथ पशुपालन करना उचित समझा। वेटर्नरी विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र, कोटा द्वारा इस गांव में पशुपालन प्रशिक्षण शिविर का आयोजन किया गया था। उन्होंने शिविर के दौरान पशुपालन के बारे में सारी जानकारी विस्तृत रूप से प्राप्त की। इनके पास पहले दो- तीन गाय/बैस थी। कुछ पशु ओर खरीद भी लाए। आज इनके पास कुल 15 पशु है जिनमें से 8 मेंसें दूध (प्रतिदिन 50 लीटर) देती है व एक गाय दूध (प्रतिदिन 5-7 लीटर) देती है। कुल 50-55 लीटर दूध प्रतिदिन का उत्पादन होता है। इस कार्य के लिए इन्होंने 3 लोगों को रोजगार भी उपलब्ध कराया है। कृत्रिम गर्भाधान से नस्ल सुधार के कारण ये इस तकनीक का प्रयोग अधिक करते हैं। पर्याप्त जमीन होने के कारण हरा चारा व सूखा चारा (भूसा/चावल की पुली) आदि अपने खेत से पूर्ति हो जाती है। महेश मीणा भविष्य में गिर नस्ल की देशी भारतीय गौवंश पर काम करने की सोच रखते हैं। ये पशुओं में होने वाली संक्रामक/मौसमी बीमारियों को पहले तो प्राथमिक उपचार के द्वारा ठीक करते हैं अन्यथा नजदीकी पशुचिकित्सालय से सम्पर्क करते हैं। महेश मीणा पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र-कोटा से निरन्तर सम्पर्क में रहते हैं। सम्पर्क- श्री महेश मीणा, ग्राम-डगारिया मो. : 9636717720



पशुपालन नए आयाम, फरवरी, 2019

7

पशुधनं नित्यं सर्वलोकोपकारकम्

### Demonstration Organized by the Centre

S.No	Livestock Farmer	Address	Mobile No	Date	Technology
1.	Ankit Suman	Vill. Ghagtana, Kota	9549119358	15.05.2018	Urea Treatment of Wheat Straw
2.	Yogendra Nagar	Vill. Sarola, Kota	8107083887	17.05.2018	Urea Treatment of Wheat Straw
3.	Hemraj Gurjar	Vill. Ayani, Kota	8107079954	07.08.2018	Azolla Cultivation
4.	Durga Lal Gurjar	Bundi, Kota	7742719580	29.11.2018	Urea Treatment of Wheat Straw
5.	Mahaveer Nagar	Vill. Sarola, Bundi	9929418764	22.12.2018	Urea Treatment of Wheat Straw
6.	Ashok Suman	Vill. Teerath, Kota	7742857432	11.01.2019	Urea Treatment of Wheat Straw
7.	Kailash Meena	Bundi, Kota	7742669223	30.01.2019	Vermi-Compost
8.	Pukhraj Nagar	Vill. Sarola, Kota	9928852451	15.02.2019	Urea Treatment of Wheat Straw

9.	Ashok Suman	Vill. Teerath, Kota	7742857432	18.02.2019	Azolla Cultivation
10	Premshanker Gautam	Vill. Deganiya, Kota	6377435329	20.02.2019	Urea Treatment of Wheat Straw
11	Hanuman Malav	Vill. Rangpur, Kota	9636003703	23.02.2019	Azolla Cultivation
12	Smt. Deepa Bai	Vill. Parliya, Kota	9799024375	07.03.2019	Azolla Cultivation

**Advisory Given on various Problems related to Feeding, Breeding, Health-care and Animal Management During April.- 2018 to March. 2019 =90**  
**(on Telephone, at Centre, Literature and Other)**

**Glimpses of Demonstration Conducted**



**Glimpses of Demonstration on Azolla Cultivation and  
Vermi-composting**



## VUTRC KOTA ACTIVITIES PUBLISHED



# **Veterinary University Training & Research Centre (VUTRC)**

## **Tonk**



### **ANNUAL PROGRESS REPORT 2018-19**

**(April 1, 2018 to March 31, 2019)**



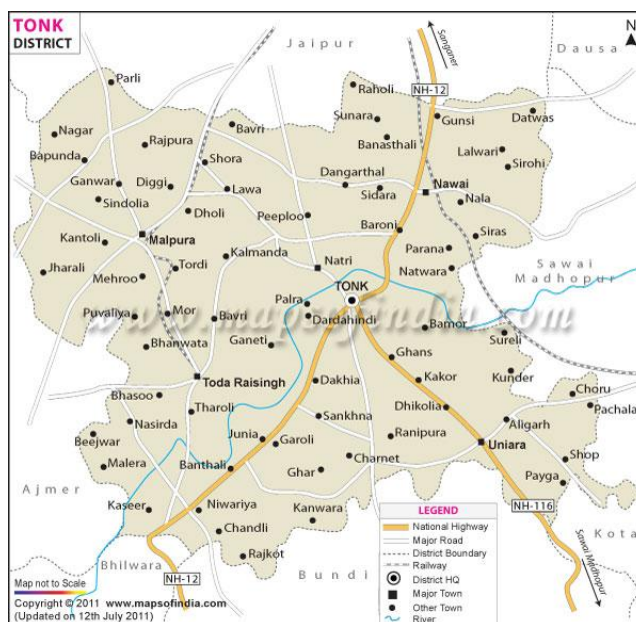
## **VETERINARY UNIVERSITY TRAINING & RESEARCH CENTRE**

**Rajasthan University of Veterinary & Animal Sciences**  
**Bikaner-334001**

## RAJASTHAN UNIVERSITY OF VETERINARY & ANIMAL SCIENCES, BIKANER-334001

### 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 km<sup>2</sup>.

#### (c) Area of the District

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

#### (d) 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	<a href="#">Deoli</a> , <a href="#">Malpura</a> , <a href="#">Niwai</a> , <a href="#">Todaraisingh</a> And <a href="#">Uniara</a>
7.	Assembly Area	4	Tonk , Niwai, Malpura, Deoli- Uniara
8.	Gram Panchayat	231	
10.	Revenue Village	1209	

**(e) 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

**(f) Status of Livestock and Poultry population of district According to 19<sup>th</sup> 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 01/04/2014	55 / 58

**(g) 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.), Pincode- 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	deerajuvas@gmail.com

### 2.3 Name of the Programme Coordinator with phone & mobile No:

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

### 2.4. Year of sanction : April 2014

### 2.5. Staff Position :( as on 31<sup>st</sup> March 2018)

S N	Name of Post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs)	Date of joining	Permanent / Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator*							
2	Teaching Associate	Dr. Deepak Gill	Teaching Associate	Veterinary Pathology	40000/- Fixed	18-7- 2016	Temporary	OBC
3	Technical Staff	Amit Choudhary	Live stock Assistant	Diploma	10,427 Fixed	16-07- 2015	Temporary	OBC
4	Supportive Staff	Supportive Staff	Unskilled	-	6727 Fixed	01-03- 2016	Temporary	OBC
5	Supportive Staff	Supportive Staff	Skilled	-	7400 Fixed	01-03- 2016	Temporary	OBC

**3. Objective of VUTRC:-**

- a. 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.
- b. 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.
- c. 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.
- d. 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.
- e. 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.

**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:-**

- a. 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).
- b. Survey work of 72 Villages of 23 Gram Panchayats is completed. (Out of 1209 villages of 231 Gram panchayats).
- c. Survey work of 85 families of Village Deoli (Bhanchi) was completed. Total 500 farmers were surveyed. Deoli Bhanchi selected as MGMG for center.

**6. Off Campus Training:**

Period	No. of activity	No. of participants		
		Male	Female	Total
April – 2018	7	141	46	187
May- 2018	7	165	10	175
June- 2018	8	163	29	192
July – 2018	7	169	13	182
August – 2018	7	168	08	176
September – 2018	7	192	43	235
October – 2018	7	184	06	190
November – 2018	8	190	28	218
December – 2018	8	244	10	254
January – 2019	7	191	34	225
February-2019	8	198	38	236
March -2019	5	152	00	152
Total	86	2157	265	2422

**7. Vichar Gosthi: (MGMG)**

Period	No. of activity	No. of participants		
		Male	Female	Total
April – 2018	01	12	--	12
May- 2018	01	11	--	11
June- 2018	01	10	--	10
July – 2018	--	--	--	--
August – 2018	--	--	--	--
September – 2018	01	12	--	12
October – 2018	01	10	--	10
November – 2018	01	10	--	10
December – 2018	01	13	--	13
January – 2019	01	10	--	10

February-2019	01	12	--	12
March -2019	01	11	--	11
Total	10	111	00	111

**8. Any others activity:- Farmers Visit**

S. No.	Title /Topic	Total no. of farmers	Date	Farmers Visit Palace
1.	(FSI) DEDS NABARD YOJNA & Mastitis	10	09/03/2019	Bhagwanpura
2.	Field visit (Azolla production)	07	12/03/2019	ArniyaMaal
3.	Field visit (Urea treatmentof fodder)	05	13/03/2019	Topa
4.	Dairy Visit (Dairy Management)	08	16/03/2019	Palai

**9. Participation in Conference /Symposiums//Seminar/ Workshop:**

Sr.N.	Name of Participation	Duration	Conference /Symposiums/Seminar/ Workshop/Training	Organising Palace
1	Participation in FMDCP Workshop	29/08/18	workshop	Tonk
2	Participate in National Wool and Sheep Fair	29/09/18	workshop and fair	CSWRI Malpura

**10. Research paper Publish in International/National Journal: Nil****11. Newspaper Coverage:**

Sr. N.	Press Note	Date of publish in News paper	Name News paper
1	Plantation at VUTRC Tonk, Avikanagar Campus	22/07/18	Dainiak Bhaskar, MalpuraUpdate eMedia, Dainiak Navjyoti
2	FMDCP Workshop Organised by Animal Husabandry Depatment Tonk	30/08/18	Rajasthan Patrika, Dainiak Bhaskar
3	Off Campus Training Devi Kheda	24/02/19	Dainiak Bhaskar

### Photographs of Various Activities



## News Paper Coverage

पशुपालक प्रशिक्षण  
शिविर आयोजित

ढेंक | राजस्थान पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केंद्र एवं पशुपालन विभाग के तत्वावधान में शनिवार को देवीखेड़ा में पशुपालक प्रशिक्षण एवं बाइंडपन निवारण शिविर का आयोजन किया गया। डॉ. दिप्ती मीणा ने बाइंडपन निवारण एवं बकरियों की प्रमुख नस्लें व उनमें पाए जाने वाले रोगों के निवारण, डॉ. दीपक गिल ने यूरिया से उपचारित चारा व अजोला उत्पादन की वैज्ञानिक विधि एवं उसका पशुओं के चारे के रूप में उपयोगिता विषय पर जानकारी दी। इस शिविर में पशुधन सहायक अमित चौधरी, हंसा चौधरी, जावेद नागोरी, नेमराज, श्योजीराम सहित कई पशुपालक मौजूद रहे।

पशु चिकित्सा विश्वविद्यालय  
प्रशिक्षण एवं अनुसंधान केन्द्र  
में 101 पौधे लगाए

**टोंक** | राजस्थान पशुचिकित्सा विश्वविद्यालय प्रशिक्षण व अनुसंधान केन्द्र अजिंकानगर में शनिवार को वन महोत्सव मनाते हुए 101 पौधों का रोपण किया। निर्माणधीन केन्द्र परिसर में पशुपालन विभाग के संयुक्त निदेशक डॉ. समसाम अली खान, डॉ. सौभाग चौधरी, केन्द्र के डॉ. विक्रम सिंह देवल, डॉ दीपक गिल ने वृक्षारोपण किया। डॉ. समसाम अली खान ने वृक्षों के उपयोग तथा उनके मानव जीवन में लाभ विषय व्याख्यान दिया। पशुधन सहायक अमित चौधरी, रतिराम चौधरी मनीष चौधरी ने सहयोग किया।

किसानों की आय दुगुनी करने के लिए सरकार प्रयासरत

प्राप्त सत्यात अधिष्ठान 2018 के कार्यक्रम के तहत जिला मुख्यालय स्थित जेलों की सभी नैचवाल स्थिति मुख्यालय पर आत्मत योजना में निम्नलिखित कार्यप्रणाली को अद्यतन किया गया। इसमें वर्ष 2022 तक विमानों की आयत दुर्घने की संख्या चर्चा की गई है। कृषि, उद्योग, परिवहन, ईंधन, मत्स्य विषयगत एवं कृषि विमान दुर्घने के अधिकारियों ने दुर्घटकों को अपनी-अपनी योजनाओं में अद्यतन करते हुए उक्त तकनीकों को अपनी की जरूरत बताया।



टॉक, किसान कर-याग कार्यक्रम में विषयक अजीत सिंह नेहा, प्रधान जगदीश गुर्जर किसान को फलन दरावे के मुद्रावजा का प्रमाण पत्र वितरित करते हुए।

खरबों के 27.27 हजार रुपए का मुआवजा का ऋण माफ किया है। पीएम का सपना है कि दियाया है। किसानों के हितों का ध्यान रखती 2022 तक प्रत्येक किसान की फसल का मूल्य हुए मुख्यमंत्री ने पहली बार 50 हजार रुपए तक दुगुना किया जाए। इसी को ध्यान में रखते हुए

[illegible]

# **Veterinary University Training & Research Centre (VUTRC)**

## **Dungarpur**



### **ANNUAL PROGRESS REPORT 2018-19**

**(April 1, 2018 to March 31, 2019)**



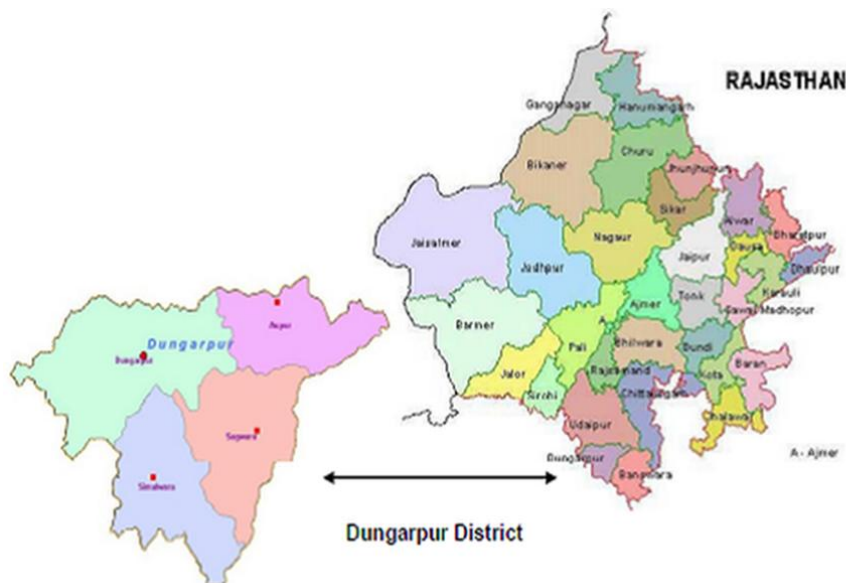
## **VETERINARY UNIVERSITY TRAINING & RESEARCH CENTRE**

**Rajasthan University of Veterinary & Animal Sciences  
Bikaner-334001**

## RAJASTHAN UNIVERSITY OF VETERINARY AND ANIMAL SCIENCES, BIKANER

### 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 km<sup>2</sup> 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. Tehsils/Gram Panchayat/Villages in District

Administrative profile has 9 Panchayat Samities viz. Dungarpur, Sagwara, Simalwara, Aspur, Bichhiwara, Jonthri, Dovra, Chikhli and Galiyakot. 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 in which the rural population is 12,99,809 and urban population is 88,743. Males constitute 50.16% of the population and females constitute 49.84%. 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
	<b><u>Total</u></b>	<b><u>1089600</u></b>
8	Poultry	177807
	<b><u>Total</u></b>	<b><u>1267407</u></b>

**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, Moog, 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.)	+91 7414869065	-	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 31<sup>st</sup> March 2019)

S. No.	Name of Post**	Name of the incumbent	Designation	Discipline	Pay Scale (Rs)	Date of Joining	Permanent /Temporary
1	Associate Professor	-	-	-	-	-	-
2	Assistant Professor	Dr Rajesh Singathia	Assistant Professor	Veterinary Microbiology	15600-39100+6000AGP	30-12-17	Permanent
3	Teaching Associate	Dr Sunil Rajoria	Teaching Associate	Vety. & A.H. Extn. Education	40000/month	27-12-17	Temporary
4	Teaching Associate	Dr Virendra Singh	Teaching Associate	Vety. & A.H. Extn. Education	40000/month	08-03-18	Temporary
5	Livestock	-	-	-	-	-	-

	Assistant						
6	Supporting Staff	Ramesh Parmar	Unskilled Person	-	6500 / month	16-08-18	Temporary
7	Supporting Staff	Laxman Singh	Skilled Person	10 <sup>th</sup>	7400 / month	04-09-18	Temporary

### 3. Objectives of VUTRC:

1. 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.
2. To disseminate technology at grass root level for improvement in animal productivity as well as socio-economic states or rural masses.
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 through various extension activity including literature for quick dissemination of technology.
5. To assess and refine the latest technologies developed under control condition in field for their wider adaption and collecting feedback information from field and generate production data of livestock farming.
6. To have provision of services for animal disease diagnosis and treatments testing of feed & fodder as well as animal products.

### 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
1	VUTRC, Dungarpur	-	-	-	-	-	-	under 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
Monitor LED	2016-17	1	44437.50	DEE	Working
Digital Camera	2016-17	1	14800	DEE	Working
Printer	2018-19	1	-	DEE	Working
Invertor	2018-19	1	-	DEE	Working
Biometric Machine	2018-19	1	-	DEE	Working

**5. Technical Achievements****1. Survey Report : 0****2. Trainings :****a. Total Trainings :**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April 2018	07	046	226	272
May 2018	07	050	179	229
June 2018	07	093	153	246
July 2018	07	121	152	273
August 2018	06	117	045	162
September 2018	06	125	060	185
October 2018	07	164	026	190
November 2018	07	084	087	171
December 2018	06	046	120	166
January 2019	06	041	133	174
February 2019	07	051	175	226
March 2019	07	065	171	236

**b. Animal Treatment Camp**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
September 2018	01	04	01	05
October 2018	01	04	01	05
November 2018	01	03	01	04
January 2019	01	03	01	04

**c. Vichar Gosthi**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April 2018	01	03	06	09
June 2018	01	12	00	12
July 2018	01	09	06	15
August 2018	01	04	00	04
December 2018	01	07	07	14
February 2019	01	06	03	09
March 2019	01	09	12	21

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

Providing Consultancy Services

Period	No. of Activity	No. of Participants		
		Male	Female	Total
May 2018	01	04	00	04

**6. Participation in Conference/Symposium/Workshops/Meetings/Trainings/Other:**

Nil

**7. Research Paper published in International/National Journals: one****8. Popular Article Published: four****9. Radio /TV Talk delivered: Nil****10. News Paper Coverage: Nil****TRAINING PHOTOGRAPHS**



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



## **ANNUAL PROGRESS REPORT 2018-19** (April 1, 2018 to March 31, 2019)



## **VETERINARY UNIVERSITY TRAINING & RESEARCH CENTRE**

**Rajasthan University of Veterinary & Animal Sciences  
Bikaner-334001**

## RAJASTHAN UNIVERSITY OF VETERINARY AND ANIMAL SCIENCES, 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, Sarmathura, 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 Tehsil- Dholpur, Rajakhhera, Bari, Baseri, Sarmathura , 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, Dholpur had population of 1,206,516 of which male and female were 653,647 and 552,869 respectively. In 2001 census, Dholpur 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
	<b>Total</b>	<b>528224</b>
8	Poultry	8900
	<b>Total</b>	<b>537124</b>

**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 onдела, Infront of	+918290010544	-	vutrcdholpur.rajuvas@gmail.com



Ankur Dairy, Ondela Road, Dholpur			
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**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	<a href="mailto:deerajuv@gmail.com">deerajuv@gmail.com</a>

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

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

**d. Year of Sanction****e. Staff Position: (as on 31<sup>st</sup> March 2018)**

S.No.	Name of Post**	Name of the incumbent	Designation	Discipline	Pay Scale (Rs)	Date of Joining	Permanent /Temporary
1	Associate Professor*	-	-	-	-	-	-
2	Assistant Professor	Dr Subhash Chand	Incharge & Assistant Professor	-	-	-	-
3	Teaching Associate	Dr Pradeep Pal Singh	Teaching Associate		40000 (fix)	30/11/16	Temporary
4	Teaching Associate	Dr Parmal Singh	Teaching Associate		40000 (fix)	26/12/17	Temporary
5	Livestock Assistant	Virendra Singh	Livestock Assistant		12874 (fix)	7/12/16	Temporary
6	Supporting Staff (Skilled)	Rotan	Skilled		7400 (fix)	July/18	Temporary
7	Supporting Staff (Unskilled)	Kali Charan	Unskilled		6700 (fix)	Nov/16	Temporary

**3. Objectives of VUTRC:**

- a. 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.
- b. 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.
- c. 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.
- d. Organize front-line demonstrations on various livestock patterns to generate production data and feed-back information.
- e. 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
1	VUTRC, Dholpur	DEE	-	-	-	-	-	-

**b. 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

**3. Trainings :****a. Off Campus Trainings :**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April 2018	8	270	86	356
May 2018	8	141	212	353
June 2018	7	216	81	297
July 2018	8	133	211	344
August 2018	8	245	122	367
September 2018	8	149	236	385
October 2018	8	199	187	386
November 2018	8	84	301	385
December 2018	8	-	365	365
January 2019	5	38	196	234
February 2019	7	21	230	251
March 2019	5	21	153	174

**b. On Campus Trainings**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
June 2018	1	11	19	30
January 2019	3	51	37	88
February 2019	2	44	16	60
March 2019	2	27	33	60

**c. Animal Treatment Camp**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
November 2018	1	5	12	17

**d. Vichar Gosthi**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
June 2018	1	14	8	22
August 2018	2	35	15	50
September 2018	2	15	23	38
October 2018	2	30	36	66
February 2019	1	10	11	21
March 2019	1	5	15	20

**4. News Paper Coverage: 16**

# **Veterinary University Training & Research Centre (VUTRC)**

## **Suratgarh**

### **(Sri Ganganagar)**



## **ANNUAL PROGRESS REPORT 2018-19**

**(April 1, 2018 to March 31, 2019)**



## **VETERINARY UNIVERSITY TRAINING & RESEARCH CENTRE**

**Rajasthan University of Veterinary & 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 of VUTRC - 27<sup>th</sup> Sept. 2013
6. Period of Report - 1<sup>st</sup> April 2018 to 31<sup>st</sup> of March 2019
7. Principal - Professor (Dr.) A.P. Singh, DEE Investigator

### 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	-	drberwalraj@gmail.com 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	deerajuvas@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Prof. (Dr.) A.p. Singh	-	+919414283388	deerajuvas@gmail.com

#### 1.4. Year of sanction: 27-09-2013

#### 1.5. Staff Position :( as on 31<sup>st</sup> March, 2019)

S N	Name of Post**	Name of the incumbent	Designation	Discipline	Pay Scale (Rs)	Date of joining	Permanent / Temporary	Category (SC/ST/ OBC/ Others)
1	Associate Professor	**						
2	Assistant Professor	Dr. Rajkumar Berwal	Assistant Professor	Veterinary Extension	21,600/- (Basic Pay)	23-08- 2014	Permanent	OBC
3	Assistant	Dr. Anil	Project	Animal	40,000/-	16-11-	Temporary	OBC



	Professor	Ghorela	Associate	Breeding & Genetics	month (Fix Pay)	2016	***	
4	Assistant Professor	**						
5	Technical Assistant	Technical Assistant	Livestock Assistant	-	11,840/- month (Fix)	01-12-2016	Temporary ***	-
6	Technical Assistant	Technical Assistant	Computer Operator	-	11,000/- Month (fix)	16-11-2016	Temporary ***	-
7	Technical Assistant	**						
8	Driver	**						
9	Ministerial Staff	**						
10	Ministerial Staff	**						
11	Supportive Staff	Karamsingh	Poen	-	29,300 (Basic Pay)	02-11-2017	Permanent	-
12	Supportive Staff	Supportive Staff	Supportive Staff	-	7,400/-	01-05-2019	Temporary ***	-
13	Supportive Staff	Supportive Staff	Supportive Staff	-	7,400/-	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 M<sup>2</sup>**

### **1.7. Infrastructural Development:**

#### **A) Buildings**

S N	Name of building	Source of Funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sqm)	Expenditure (Rs)	Starting Date	Plinth area (Sqm)	Status of construction
1.	Administrative Building	RKVY	July 2014			Feb. 2014		Completed

#### **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 equipment'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		

**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 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
	<b>TOTAL</b>	<b>1336407</b>

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. unhabited 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 <a href="#">Rajasthan state</a> in western <a href="#">India</a>. 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<sup>[2]</sup> The total area of Sri Ganganagar is 11,154.66 km<sup>2</sup> or 1,115,466 hectares. It is surrounded on the east by <a href="#">Hanumangarh District</a>, (Hanumangarh district was carved out of it on July 12, 1994) on the south by <a href="#">Bikaner District</a>, and on the west by <a href="#">Bahawalnagar</a> district of the <a href="#">Pakistani Punjab</a> and on the north by the <a href="#">Punjab</a>. Although Ganganagar District lies in the great Thar desert, irrigation via the <a href="#">Gang canal</a> and <a href="#">Ignp canal</a> has changed the flora and fauna. The district can be classified into five geographical regions:</p> <ol style="list-style-type: none"> <li>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 <a href="#">Raisinghnagar</a> and <a href="#">Vijaynagar</a>, have desert like conditions.</li> <li>2. Area irrigated by the Suratgarh branch of the IGNP canal</li> <li>3. Area irrigated by Anoopgarh branch of IGNP canal: it comprises <a href="#">Anoopgarh</a> and <a href="#">Gharsana</a> tehsils. It is the southernmost region of the district, of which much has been converted into plains, but sandy dunes can still be seen.</li> <li>4. The Naali belt: this is a narrow basin of the</li> </ol>

		<p>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.</p> <p>5. The '<a href="#">UnchaTibba</a>' (high sandy dunes) area of <a href="#">Suratgarh</a> 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> <p>In Sriganganagar District, we find hot summer, cool winter, unreliable rainfall and great variation in the temperature (<math>2^{\circ}\text{C}</math> in Jan. to <math>48.9^{\circ}\text{C}</math> 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>
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#### 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	

## 2.7 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* (Data source: State/Central Ground water Department /Board)	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%			

## 2.8 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)								

## 2.9 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	-

## 2.10 Plantation Crops of the District

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

## 2.11 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)
<b>Major Field crops (Crops to be identified based on total acreage)</b>								
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

## 2.12 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

## 2.13 Livestock Density of the District

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

## 2.14 Poultry population data

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

## 2.15 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)			

## 2.16 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

## 2.17 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 2016-17

Activities	Targets	Achievement	Remarks ( specify the reason for shortfall, if any)
<b>Training</b>			
1. Farmers and Rural Youth			
No. of courses	<b>40</b>	58	-
No. of participants	<b>1200</b>	2421	-
2.Extension Functionaries			
No. of courses	<b>20</b>	01	(More focus on training of Farmers and Rural Youth)
No. of participants	<b>600</b>	23	
<b>Extension Activities</b>			
No. of activities	<b>5</b>	2	Lesser Participation of Extension Personals
No. of participants	<b>As Many</b>	132	-

**3.2 Extension & training activities**

Sr. No	Activity	No. of activities organized	No. of Participants	Remark
1	Farmers/Rural youth Training	58	2421	-
2	KishanGosthi	02	132	-
3	Media coverage	23	Mass coverage	-
4	Extension Literature	05	270	-
5	Training for extension functionaries	01	23	-
6	Lecture delivered in other programmes	05	400	-
7	Radio-talks	00	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.

**PART IV. TRAINING****4.1 Farmers/Farm Womenand 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



Role of feed and fodder in dairy	09	178	18	<b>196</b>	89	07	<b>96</b>	267	25	<b>292</b>
Importance of mineral mixture in animal feeding	10	188	11	<b>199</b>	105	33	<b>138</b>	213	44	<b>257</b>
Dairy production and management	07	182	04	<b>186</b>	26	00	<b>26</b>	208	04	<b>212</b>
Breed conservation and improvement	11	175	79	<b>254</b>	87	34	<b>121</b>	262	113	<b>375</b>
Vaccination and deworming in animals	11	250	24	<b>274</b>	67	14	<b>81</b>	317	38	<b>355</b>
Prevention of animal from various diseases	06	146	06	<b>152</b>	26	00	<b>26</b>	172	06	<b>178</b>
Anoestrous problems in dairy animals	12	177	30	<b>207</b>	117	69	<b>186</b>	294	99	<b>393</b>
<b>Grand Total</b>	<b>66</b>	<b>1296</b>	<b>172</b>	<b>1468</b>	<b>517</b>	<b>157</b>	<b>674</b>	<b>1813</b>	<b>329</b>	<b>2142</b>

#### 4.2 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
Poultry Production and Management										

### **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	71	00	71	13	00	13				84	00	<b>84</b>
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											
Scientific farmer interaction	-	Kishangosthiand 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	59												
Celebration of important days	01	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)	
<b>Total</b>	

**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****6.1 Functional linkages with different organizations**

<b>Sr. No.</b>	<b>Name of organizations</b>	<b>Nature of linkages</b>
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 Vikaas Vibhag, 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 VIII- PUBLICATION, SUCCESS STORY****8.1 Success Stories / Case Studies: VUTRC, Suratgarh in Pashuplan NayeAayam**

प्रसार शिक्षा निदेशालय, राजुवास, बीकानेर

6

पशुपालन नए आयाम, अप्रैल, 2016

**अपने विश्वविद्यालय को जानें****पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र  
सूरतगढ़ (श्रीगंगानगर)**

वेटरनरी विश्वविद्यालय द्वारा जिला स्तर पर पशुपालन अनुसंधान और नवीनतम तकनीक को गांव-ढाणी 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 कार्मिक 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। जिससे 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, आत्मा 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 योजनान्तर्गत अमरपुरा ग्राम को गोद लेकर ग्रामवासियों को पशु नरल सुधार, उन्नत पशुपालन, पशुपोषण एवं नवीनतम तकनीकों की जानकारीयां विशेष रूप से उपलब्ध करवाता है एवं ग्राम की प्रत्येक समस्या के निदान हेतु प्रयासरत है।

**सफलता की कहानी****धारणीयां जैविक पशुपालन से अधिकतम मुनाफा कमाते हैं**

श्रीगंगानगर जिले के गांव मदेरा के चक-7 डीबीडी के रहने वाले पुनीत ने उच्च शिक्षा ग्रहण करने के बाद कृषि व पशुपालन में रोजगार तलाश लिया। किसान परिवार से जुड़े होने के साथ खेती-बाड़ी में शुरू से रुझान था। जलवायु की अनियमितता के कारण जैविक खेती से अपनी आय बढ़ाने के लिए पशुपालन को बढ़ावा दिया। कृषि के साथ पशुपालन में विविधता एवं नवीन तकनीकी की जानकारी एवं प्रशिक्षण पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र, सूरतगढ़ के सहयोग प्राप्त करके वैज्ञानिक तरीके से पशुपालन प्रारम्भ किया। धारणीयां ने प्रशिक्षण व तकनीकी सलाह लेकर अपनी खेती को आधुनिक रूप देने के लिए पशुपालन के साथ कृषि में जैविक बागवानी, सब्जी उत्पादन शुरू किया। पशुपालन को अहम मानते हुए पशुओं से उत्पादित गोबर व मूत्र से वर्मीकम्पोस्ट तैयार करना, पशुओं के जैविक दुग्ध उत्पादन हेतु अजोला उत्पादन कर पशुओं को खिलाना तथा तैयार वर्मीकम्पोस्ट को खेती में डाल कर जैविक हरा चारा व दाने वाली फसल तैयार की। स्वयं के घर पर फीड व चारा सूखा कर तैयार कर पशुओं को खिलाना शुरू किया। इसके साथ पशुओं में टीकाकरण का ध्यान रखा। अपने घर पर आहार प्रबंधन करके सन्तुलित आहार, अनाज, दलहन, तिलहन, नमक, गुड़ व मिनरल मिक्चर की सन्तुलित मात्रा रखी। आज उनके पास देशी गौवंश की 2 सहीवाल गाय व एक अन्य नरल सहित कुल 6 छोटे-बड़े पशु हैं। पशुपालन में नवीनतम तकनीक के अन्तर्गत हरे चारे की अजोला इकाई स्थापित की और पशुओं के आहार के लिए पौष्टिक प्रोटीन युक्त हरा चारा प्राप्त किया। इस जैविक उत्पादन के साथ ही पशुओं की सेहत भी अच्छी रहने लगी। पशु चिकित्सक की सलाह पर समय पर डिवर्मिंग, मिनरल मिक्चर, टीकाकरण, कृत्रिम गर्भाधान अच्छे तरीके से करवाते हैं इससे उन्हें प्रतिदिन 30 किलो दुग्ध उत्पादन होता है। दुग्ध का घर में उपयोग के बाद शेष से शुद्ध घी भी तैयार करते हैं और जैविक दुग्ध का वितरण करते हैं। साथ-साथ गोबर से बॉयो गैस तैयार कर रसोई में ईंधन की बचत भी कर रहे हैं। जैविक फसल गेहूं, चना, फल के साथ पशुपालन और मछली पालन भी कर रहे हैं वे पशुपालन को किसान की रीढ़ की हड्डी मानते हुए इससे अच्छा उत्पादन करके मुनाफा कमाने का श्रेय पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र सूरतगढ़ को देते हैं। सम्पर्क : पुनीत धारणीयां (मो. नं. 988707801)



पशुपालन नए आयाम, मार्च, 2019

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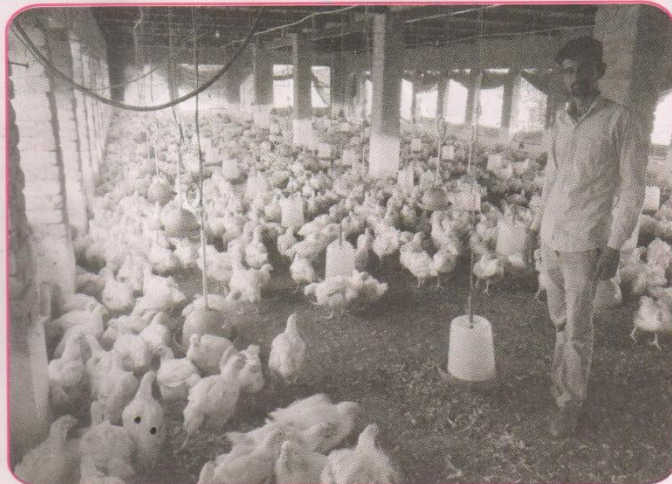
पशुधनं नित्यं सर्वलोकोपकारकम्

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## सफलता की कहानी

## शैलेन्द्र ने पोल्ट्री से बदली घर की आर्थिक स्थिति

सूरतगढ़ के युवा शैलेन्द्र कुमार उन खुशनसीब लोगों में शामिल हैं जिन्होंने कभी बेरोजगारी का दंश नहीं झेला। दसवीं कक्षा उत्तीर्ण करने के बाद शैलेन्द्र ने पारम्परिक तौर पर खेती-बाड़ी का काम शुरू कर दिया। घर की आर्थिक स्थिति अच्छी नहीं होने और 12 बीघा खेतिहर जमीन से आमदनी कम थी। इन मुश्किलों से निपटने के लिए सूरतगढ़ के पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र पहुंचे। केन्द्र के वैज्ञानिकों ने उन्हें खेती के साथ-साथ पशुपालन और कुक्कुट पालन को व्यवसाय रूप में अपनाने की सलाह दी। केन्द्र से कुक्कुट पालन का वैज्ञानिक प्रशिक्षण प्राप्त कर पोल्ट्री फॉर्म शुरू किया। वर्ष 2016 में तीन हजार चूजे लाकर एक विकसित फॉर्म में रखा। उन्हें 2 से 3 दिन तक का चूजा 20 से 30 रुपये प्रति चूजा की कीमत में मिले। वे एक चूजे को 45 दिन बढ़ा करके 90 रुपये प्रति किलोग्राम के भाव से विक्रय कर देते हैं। शैलेन्द्र कुमार एक वर्ष में पांच बार 3-3 हजार चूजे पालकर विक्रय करते हैं। इससे उन्हें अच्छी आय प्राप्त होने लगी। युवा शैलेन्द्र की चाहत और मेहनत से घर की आर्थिक स्थिति दृढ़ हो गई और नया काम भी चल निकला। कुक्कुट पालन घर या गांव में ही रहकर आय प्राप्त करने का एक सरल और पुख्ता व्यवसाय है। **सम्पर्क : शैलेन्द्र कुमार 9928489618**



पशुपालन नए आयाम, नवम्बर, 2018

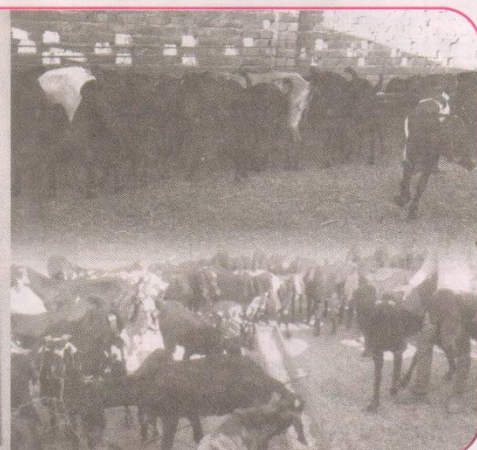
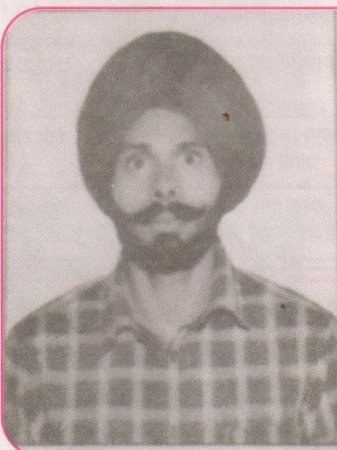
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पशुधनं नित्यं सर्वलोकोपकारकम्

## सफलता की कहानी

## बेअंत सिंह ने बकरी पालन से बनाया अपना मुकाम

बकरी पालन व्यवसाय के माध्यम से गरीब किसान अपनी किस्मत सुधार कर उसे चमका भी सकते हैं। इस सफलता की कहानी का एक उदाहरण पंजाब से आए एक किसान बेअन्त सिंह का है। उन्होंने पंजाब में कम जमीन होने से राजस्थान के सूरतगढ़ तहसील के गांव 15 एसजीआर में 20 बीघा खेती की जमीन लेकर वहीं रहना शुरू कर दिया। आस-पास रेतीली जमीन होने व रोजगार का साधन न होने के कारण उन्होंने बकरी पालन करने की सोची। 25 नवम्बर 2016 को राजस्थान पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र,



सूरतगढ़ के सम्पर्क में आकर उन्होंने बकरी पालन शुरू कर दिया। इसकी शुरुआत 30 बकरी और 2 बकरों से की। फरवरी 2017 में पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र, सूरतगढ़ से प्रशिक्षण लेकर एक शेड का निर्माण किया और बकरियों को अधिक प्रोटीन देने के लिए दो अजोला यूनिट भी लगवा दी जिससे आर्थिक लाभ मिला और बकरियों की सेहत भी अच्छी रहने लगी। उन बकरियों से 53 बच्चे पैदा हुए जिनकी अच्छी देखभाल के बाद 5 लाख में बेच कर अच्छा मुनाफा प्राप्त किया। अब उनके पास 70 बकरियां हैं। वह पूरे वर्ष भर में सारा खर्चा निकाल कर 50 हजार रुपये महीना कमाना शुरू कर दिया है। अनुसंधान के विशेषज्ञों से समय-समय पर नवीन तकनीक की जानकारी लेकर अपना रहा है। बेअन्तसिंह खेती को छोड़ कर बकरियों का व्यवसाय कर बहुत खुश हैं और नई-नई तकनीकों की जानकारी प्राप्त करके अपने बकरी पालन व्यवसाय को ओर आगे बढ़ाना चाहते हैं। **सम्पर्क— बेअन्त सिंह (मो. 7300000155)**

राजस्थान के पशु विज्ञान विश्वविद्यालय के कुलपति प्रा. (डॉ.) विष्णु शर्मा ने सम्मेलन के प्रतिभागियों, संकाय सदस्यों तथा छात्र-छात्राओं के समक्ष "जैविक पशुपालन" विषय पर अपना मुख्य व्याख्यान प्रस्तुत किया। देश के विभिन्न विश्वविद्यालयों एवं अनुसंधान संस्थानों से आए वैज्ञानिकों ने 'मुरगीपालन द्वारा कृषकों की आय में वृद्धि के विभिन्न आयामों पर' शोध पत्र वाचन तथा पोस्टर प्रस्तुत किये गए। कुलपति प्रो. (डॉ.) शर्मा ने वैज्ञानिक समुदाय का आवाहन किया कि जैविक पशुपालन आज की महत्वपूर्ण आवश्यकता है, हमारे वैज्ञानिकों को पूर्णनिष्ठा एवं लगन से पशुपालन की जैविक क्रियाओं के प्रमाणीकरण हेतु प्रयास करने चाहिये। समापन समारोह के मुख्य अतिथि प्रो. (डॉ.) नरेन्द्र सिंह राठौड़, उप महानिदेशक (शिक्षा), भारतीय कृषि अनुसंधान परिषद्, नई दिल्ली ने अपने उद्बोधन में बताया कि कृषि तथा पशुपालन में आपसी गहरा सह-संबंध है, सन् 2022 तक किसानों की आय को दोगुना करने का लक्ष्य दोनों इकाईयों के समन्वित प्रयास से ही संभव होगा। उन्होंने देश के कृषि विकास में महिला शिक्षा पर जोर देते हुए बताया कि महिलाओं को कृषि एवं पशुपालन के क्षेत्र में अधिक से अधिक अवसर प्रदान किये जाने चाहिए। कार्यक्रम के विशिष्ट अतिथि एवं पूर्व अधिष्ठाता प्रो. जीत सिंह ने कृषि एवं दुग्ध उत्पादों में कीटनाशकों व प्रतिजैविकों के अवशेषों के दुष्प्रभावों पर अपनी चिन्ता व्यक्त करते हुए कहा कि इन दुष्प्रभावों को कम करने के लिए नये अनुसंधानों की आवश्यकता है। विशिष्ट अतिथि प्रो. (डॉ.) संजीता शर्मा ने कहा कि युवा वैज्ञानिकों का इस सम्मेलन में बड़ी संख्या में भाग लेना प्रशंसनीय है।

**बम्बलू में पशुपालकों को उन्नत पशुपोषण तकनीक का प्रशिक्षण**  
वेटरनरी विश्वविद्यालय के पशुधन चारा संसाधन प्रबन्धन एवं तकनीक केन्द्र द्वारा बीकानेर के बम्बलू ग्राम में 14 दिसम्बर को एक दिवसीय पशुपालक प्रशिक्षण शिविर का आयोजन किया गया। केन्द्र के प्रमुख

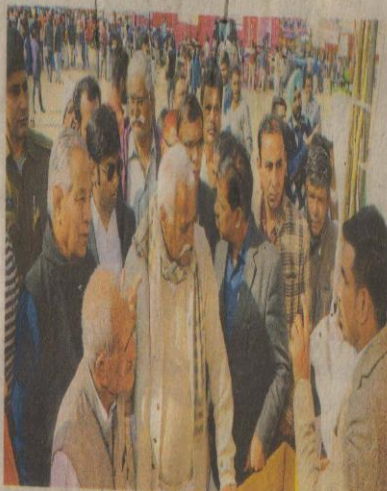
टीकाकरण कि

राजुव

कृषि विज्ञान के सम्मेलन-2018 जिसमें वेटरनरी द्वारा एक प्रदर्शन मॉडल और अ प्रदर्शित किये गए द्वारा सफल व्य पर व्याख्यान प्र भाग लिया। इस कंपनी द्वारा ल प्रदर्शनी को प्रथ दिनेश चन्द्र जैन



# राजस्थान पत्रिका



श्रीगंगानगर, सुखाड़िया सर्किल रामतीला मैदान में दो दिवसीय जिला स्तरीय किसान मेले में लगे प्रदर्शनी देखते किसान। पत्रिका

## 54 एलएनपी में एक दिवसीय प्रशिक्षण शिविर का आयोजन

समान्तर रक्षक न्यूज

सुरतगढ़ 22 मई। पदमपुर तहसील के गांव 54 एलएनपी में पशुचिकित्सा विश्वविद्यालय एवं अनुसंधान केन्द्र सुरतगढ़ ने एक दिवसीय प्रशिक्षण शिविर का आयोजन किया जिसमें पशुपालकों ने भाग लिया एवं प्रशिक्षण में पशुपालन में नवाचार की जानकारी ली। शिविर में पशुचिकित्सा विश्वविद्यालय एवं अनुसंधान केन्द्र सुरतगढ़ के शिक्षण सहायक डॉ. अनिल घोड़ेला पशुपालकों को दुधार पशुओं की देखरेख एवं संतुलित आहार की जानकारी देते हुए अनुसंधान केन्द्र की भावि

गतिविधियों को अवगत करवाया तथा अपने सम्बोधन में अजोला कल्चर को तैयार करने में पशुओं को खिलाने का तरीका तथा उसका फायदा बताया। पशुपालकों से अजोला उत्पादन का आग्रह किया व अजोला उत्पादन का तरीका व उसके लाभ बताये। अजोला एक लाल-हरित घेवाल है जो पशुओं को खिलाने से पशु के दुग्ध उत्पादन में वृद्धि होती है एवं बांझपन की समस्या से निजात मिलती है। अजोला उत्पादन हेतु अधिकाधिक प्रेरित किया व जागरूक पशुपालकों को अजोला वितरित किया जिससे पशुपालक अपने स्तर पर अजोला का (शेष पृष्ठ 2 पर)

54 एलएनपी में ....

उत्पादन कर सके। पशुओं में खनिज लवण की कमी से होने वाले रोग जैसे मिट्टी खाना, समय पर गर्भित न होना, पशुओं का कमजोर होना, गोबर में बदबू आना आदि रोगों के बारे में बताया व आपातकाल की स्थिति में घरेलू उपचार के नुस्खे बताये तथा देशी नस्ल संरक्षण व साहिवाल गाय पालने पर जोर दिया। आये हुए पशुपालकों को पशुपालन नए आयाम पत्रिका का वितरण किया। प्रशिक्षण शिविर में तकनीक सहायक विजयपाल ने अपना महत्वपूर्ण योगदान दिया।

## 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
21-04-2018	F & R.Y	A.H.	Anoestrus problems in dairy animals	01	25	00	25	05	00	05	30	00	30
21-05-2018	F & R.Y	A.H.	Vaccination	01	17	01	18	02	00	02	19	01	20



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
			and deworming in animals										
14-06-2018	F & R.Y	A.H.	Goat farming	01	07	00	07	12	00	12	19	00	19
21 to 22- 06-2018	F & R.Y	A.H.	Goat farming	02	43	04	47	07	01	08	50	05	55
25-07-2018	F & R.Y	A.H.	Dairy production and management	01	27	00	27	08	00	08	35	00	35
03-08-2018	F & R.Y	A.H.	Anoestrus problems in dairy animals	01	20	00	20	12	00	12	32	00	32
08 to 20- 08-2018	F & R.Y	A.H.	Bank sponsored Training	10	26	04	30	03	00	03	29	04	33
10-09-2018	F & R.Y	A.H.	Importance of mineral mixture in animals feeding	01	00	06	06	00	30	30	00	36	36
06-10-2018	F & R.Y	A.H.	Importance of mineral mixture in animals feeding	01	15	00	15	03	00	03	18	00	18
25-11-2018	F & R.Y	A.H.	Prevention of animal from various diseases	01	17	01	18	10	02	12	27	03	30
10-12-2018	F & R.Y	A.H.	Anoestrus problems in dairy animals	01	11	00	11	17	00	17	28	00	28
09-01-2019	F & R.Y	A.H.	Breed Conservation and improvement	01	13	05	18	05	04	09	18	09	27
25-01-2019	F & R.Y	A.H.	Goat farming	01	28	00	28	04	00	04	32	00	32
05-02-2019	F & R.Y	A.H.	Prevention of animal from various diseases	01	11	00	11	09	00	09	20	00	20
08-03-2019	F & R.Y	A.H.	Prevention of animal from various diseases	01	27	00	27	04	00	04	31	00	31
<b>Grand Total</b>				<b>15</b>	<b>287</b>	<b>21</b>	<b>308</b>	<b>101</b>	<b>37</b>	<b>138</b>	<b>388</b>	<b>58</b>	<b>446</b>

**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- 04- 2018	F & R.Y	A.H.	Role of feed and fodder in dairy	01	25	00	25	13	00	13	38	00	38
20- 04-	F & R.Y	A.H.	Importance of mineral	01	23	02	25	11	00	11	34	02	36



2018			mixtural in animal feeding										
21-04-2018	F & R.Y	A.H.	Dairy production and mangment	01	30	00	30	00	00	00	30	00	30
26-04-2018	F & R.Y	A.H.	Breed conservation and improvement	01	35	11	35	00	00	00	35	11	46
28-04-2018	F & R.Y	A.H.	Vaccination and dewaring in animal	01	17	09	26	02	02	04	19	11	30
07-05-2018	F & R.Y	A.H.	Breed conservation and improvemet	01	19	00	19	23	01	24	42	01	43
09-05-2018	F & R.Y	A.H.	Vaccination and dewaring in animal	01	41	00	41	03	00	03	44	00	44
16-05-2018	F & R.Y	A.H.	Dairy production and mangement	01	23	02	25	09	07	16	32	09	41
30-05-2018	F & R.Y	A.H.	Importance of mineral mixture in animal feeding	01	09	14	23	16	00	16	25	14	39
08-06-2018	F & R.Y	A.H.	Dairy production and managment	01	18	01	19	08	00	08	26	01	27
13-06-2018	F & R.Y	A.H.	Vaccination and deworming in animal	01	22	01	23	05	01	06	27	02	29
15-06-2018	F & R.Y	A.H.	Vaccination and deworming in animal	01	22	00	22	04	00	04	26	00	26
25-06-2018	F & R.Y	A.H.	Breed conservation and Improvment	01	25	00	25	11	00	11	36	00	36
07-07-2018	F & R.Y	A.H.	Breed conservation and Improvement	01	08	10	18	10	17	27	18	27	45
09-07-2018	F & R.Y	A.H.	Role of feed and fodder in dairy	01	22	01	23	03	01	04	25	02	27
18-07-2018	F & R.Y	A.H.	Anoestrous problems in dairy animals	01	03	14	17	01	41	42	04	55	59
20-07-2018	F & R.Y	A.H.	Importance of mineral mixture in animal feeding	01	12	03	15	12	03	15	24	06	30
02-08-	F & R.Y	A.H.	Role of feed and fodder in	01	40	00	40	00	00	00	40	00	40



2018			dairy										
04-08-2018	F & R.Y	A.H.	Vaccination and deworming in animal	01	18	00	18	04	00	04	22	00	22
06-08-2018	F & R.Y	A.H.	Role of feed and fodder in dairy	01	01	00	01	20	14	34	21	14	35
23-08-2018	F & R.Y	A.H.	Breed Conservation and improvement	01	07	04	11	01	00	01	08	04	12
30-08-2018	F & R.Y	A.H.	Anoestrus problems in dairy animal	01	24	00	24	06	05	11	30	05	35
11-09-2018	F & R.Y	A.H.	Breed conservation and improvement	01	19	20	39	03	01	04	22	21	43
12-09-2018	F & R.Y	A.H.	Role of feed and fodder in dairy	01	21	08	29	06	00	06	27	08	35
14-09-2018	F & R.Y	A.H.	Vaccination and deworming in animal	01	23	02	25	08	01	09	31	03	34
16-09-2018	F & R.Y	A.H.	Dairy production and management	01	25	01	26	03	00	03	28	01	29
04-10-2018	F & R.Y	A.H.	Importance of mineral mixture in animal feeding	01	13	00	13	35	00	35	48	00	48
09-10-2018	F & R.Y	A.H.	Vaccination and deworming in animal	01	11	03	14	06	10	16	17	13	30
11-10-2018	F & R.Y	A.H.	Anoestrous problems in dairy animals	01	17	03	20	05	03	08	22	06	28
20-10-2018	F & R.Y	A.H.	Anoestrous problems in dairy animals	01	30	00	30	09	00	09	39	00	39
23-10-2018	F & R.Y	A.H.	Role of feed and fodder in dairy	01	20	00	20	10	00	10	30	00	30
24-10-2018	F & R.Y	A.H.	Prevention of animal from various diseases	01	25	02	27	02	00	02	27	02	29
13-11-2018	F & R.Y	A.H.	Importance of mineral mixture in animal feeding	01	17	00	17	09	00	09	26	00	26
14-11-2018	F & R.Y	A.H.	Dairy production and management	01	32	00	32	05	00	05	37	00	37
15-11-2018	F & R.Y	A.H.	Breed conservation and	01	20	04	24	06	01	07	26	05	31



			improvement										
19-11-2018	F & R.Y	A.H.	Anoestrus problems in dairy animal	01	25	02	27	08	00	08	33	02	35
20-11-2018	F & R.Y	A.H.	Prevention of animal from various diseases	01	17	00	17	03	00	03	20	00	20
22-11-2018	F & R.Y	A.H.	Vaccination and deworming in animals	01	28	00	28	13	00	13	41	00	41
12-12-2018	F & R.Y	A.H.	Role of feed and fodder in dairy	01	09	00	09	21	00	21	30	00	30
13-12-2018	F & R.Y	A.H.	Anoestrous problems in dairy animals	01	19	00	19	15	02	17	34	02	36
15-12-2018	F & R.Y	A.H.	Prevention of animals from various diseases	01	41	04	45	05	00	05	46	04	50
17-12-2018	F & R.Y	A.H.	Breed conservation and improvement	01	03	22	25	00	00	00	03	22	25
18-12-2018	F & R.Y	A.H.	Vaccination and deworming in animal	01	14	00	14	05	00	05	19	00	19
24-12-2018	F & R.Y	A.H.	Importance of mineral mixture in animal feeding	01	41	00	41	09	00	09	50	00	50
14-01-2019	F & R.Y	A.H.	Vaccination and deworming in animals	01	16	08	24	08	00	08	24	08	32
16-01-2019	F & R.Y	A.H.	Anoestrous problems in dairy animals	01	00	00	00	27	01	28	27	01	28
17-01-2019	F & R.Y	A.H.	Role of feed and fodder in dairy	01	19	00	19	12	00	12	31	00	31
19-01-2019	F & R.Y	A.H.	Prevention of animal from various diseases	01	25	00	25	05	00	05	30	00	30
22-01-2019	F & R.Y	A.H.	Importance of mineral mixture in animal feeding	01	30	00	30	05	00	05	35	00	35
08-02-2019	F & R.Y	A.H.	Breed conservation and improvement	01	21	00	21	11	07	18	32	07	39
13-02-2019	F & R.Y	A.H.	Importance of mineral mixture in animal feeding	01	28	00	28	05	00	05	33	00	33
14-	F & R.Y	A.H.	Anoestrous	01	04	11	15	06	17	23	10	28	38



02-2019			problems in dairy animals										
20-02-2019	F & R.Y	A.H.	Vaccination and deworming in animals	01	21	00	21	10	00	10	31	00	31
11-03-2019	F & R.Y	A.H.	Breed conservation and improvement	01	22	00	22	10	00	10	32	00	32
18-03-2019	F & R.Y	A.H.	Role of feed and fodder in dairy	01	21	09	30	04	06	10	25	15	40
19-03-2019	F & R.Y	A.H.	Anoestrous problems in dairy animals	01	29	00	29	07	00	07	36	00	36
22-03-2019	F & R.Y	A.H.	Breed conservation feed and fodder in dairy	01	18	03	21	05	01	06	23	04	27
26-03-2019	F & R.Y	A.H.	Dairy production and manament	01	27	00	27	01	00	01	28	00	28
<b>Grand Total</b>				01	1195	174	1358	464	142	606	1659	316	1975

**KishanGosthi/Diwas**

Date	Client ele	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
06-10-2018	F & R.Y	A.H.	01	71	00	71	13	00	13	84	00	84
<b>Grand Total</b>			<b>01</b>	<b>71</b>	<b>00</b>	<b>71</b>	<b>13</b>	<b>00</b>	<b>13</b>	<b>84</b>	<b>00</b>	<b>84</b>

# **Veterinary University Training & Research Centre (VUTRC)**

## **Churu**



### **ANNUAL PROGRESS REPORT 2018-19**

**(April 1, 2018 to March 31, 2019)**



## **VETERINARY UNIVERSITY TRAINING & RESEARCH CENTRE**

**Rajasthan University of Veterinary & Animal Sciences  
Bikaner-334001**

## 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 of VUTRC Churu | - | 23 June 2014   |
| 6. Period of Report                    | - | 1 <sup>st</sup> April 2018 to 31 <sup>st</sup> March 2019                                      |
| 7. Principal Investigator              | - | Professor (Dr) A. P. Singh, Director<br>Directorate of Extension Education<br>RAJUVAS, BIKANER |

### 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/km2	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

**g. 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.rajuvas@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	deerajuvas@gmail.com

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

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

**d. Year of Sanction****e. Staff Position (1, April, 2019)**



S. No	Name of Post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs)	Date of joining	Permanent / Temporary	Category (SC/ST/OBC/Others)
1	Project Investigator							
2	Assistant Professor	Dr. Atul Shankar Arora	Assistant Professor	Veterinary & A.H. Extension	(15600-39100)	24-07-2014	Permanent	GENERAL
3.	Teaching Associate	Dr. Sushil Kumar Meena	Teaching Associate	Veterinary Anatomy	40000 Fixed	01-04-2017	Temporary	ST
4.	Teaching Associate	Dr. Vinay Kumar	Teaching Associate	Veterinary & A.H. Extension	40000 Fixed	21-12-2018	Temporary	OBC
5.	Technical Staff	Live Stock Assistant	Live stock Assistant	Diploma	12884	10-12-2014	Temporary	OBC
6	Supportive Staff	Supportive Staff	Skilled	-	7400	20-03-2016	Temporary	SC

### 3. Objectives of VUTRC

- 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 states or 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 service 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 collecting feedback information from field and generate production date of livestock farming.
- To have provision of services for animal disease diagnosis and treatments testing of feed & fodder as well as animal products.

### 4. Infrastructural Development

- Buildings-** Currently office is running in rented private building (A-42, Aggarsain Nagar, Churu)

**b. Vehicle:-** Rented vehicle on contract basis

**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
Biometric machine	-	1	-	RKVY	Working
Stapler No 10	-	2	-	RKVY	Working
Stapler No 24/6	-	1	-	RKVY	Working
Paper cutter	-	1	-	RKVY	Working
Punching machine	-	1	-	RKVY	Working
Tape Dispenser	-	2	-	RKVY	Working
Lock	-	4	-	RKVY	Working
Digital camera (Canon)	-	1	14706/-	RKVY	Working
Thermos	-	1	-	RKVY	Working
Calculator Digital	-	1	-	RKVY	Working
Power Extension plate	-	1	-	RKVY	Working
Pen drive	-	1	-	RKVY	Working
Wall clock	-	1	-	RKVY	Working
Plastic Jug	-	1	-	RKVY	Working
Digital flex	-	15	-	RKVY	Working
Model of Murrah Buffalo	-	1	19910/-	RKVY	Working
Multiple exhibit panel for outdoor use	-	5 set	49807	RKVY	Working
Monitor LED 40 Inches	-	1	44,437.50	RKVY	Working

Office sua plastic	-	1	-	RKVY	Working
Modular table	-	2	17829	RKVY	Working
Computer cum printer table	-	4	90310/-	RKVY	Working
Computer chair (cantilever type)	-	25		RKVY	Working
Computer chair(Adjustable cum revolving type with arm)	-	5		RKVY	Working
Pedestal fan	-	1	-	RKVY	Working
Ceiling fan	-	1	-	RKVY	Working
Scissor	-	1	-	RKVY	Working
Role up banner standy	-	2	1960/-	RKVY	Working
Inverter 900VA UPS with Tubeler battery	2018	1	19900	RKVY	Working

**d. Scientific Advisory committee (SAC) Meeting conducted:****5. Technical Achievements****1 Surveys reports:**

- Survey completed.

**6. Trainings:****a. Off Campus training**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April-2018	6	129	78	207
May -2018	7	132	104	236
June-2018	7	151	96	247
July-2018	6	80	150	230
August-2018	7	64	180	244
September-2018	6	63	162	225
October-2018	7	157	90	247
Novemembr-2018	5	58	124	182
December-2018	8	97	178	275
January-2019	6	84	134	218
February-2019	7	92	128	220
March-2019	06	102	81	183
<b>Total</b>	<b>78</b>	<b>1209</b>	<b>1505</b>	<b>2714</b>

**b. On Campus training**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
September-2018	01	24	-	24
Novemembr-2018	01	26	-	26
February-2019	01	30	-	30
<b>Total</b>	<b>03</b>	<b>80</b>	<b>-</b>	<b>80</b>

**c. Animal Treatment camps**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
-	-	-	-	-

**c. Vichargosthi**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
June-2018	01	16	-	16
July-2018	01	11	-	11
September-2018	01	08	-	08
Novemembr-2018	01	11	-	11
January-2019	01	12	-	12
March-2019	01	10	-	10
<b>Total</b>	<b>06</b>	<b>68</b>	<b>-</b>	<b>68</b>

**d. Farmer Scientist Interaction**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April-2018	01	25	-	25
May -2018	02	28	-	28
July-2018	02	27	-	27
August-2018	01	07	-	07
<b>Total</b>	<b>06</b>	<b>87</b>		<b>87</b>

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

- i) Dr. Sushil Kumar Meena and Dr. Subhash Kumar attended NLM Meeting at Churu on 19-06-2018.
- ii) Dr. Sushil Kumar Meena and Dr. Subhash Kumar Participated NIAB workshop at Bikaner on 13-07-2018.
- iii) Dr. Sushil Kumar meena went to KVK Sardarshahar(18.01.2019) for attend the Scientific Advisory Committee Meeting
- iv) Dr. Sushil Kumar Meena attended NLM Meeting at Churu on 28-01-2019.

- v) Dr. Sushil Kumar Meena attended 5<sup>th</sup> Extension council meeting at Bikaner on 15-03-2019.

### 8. Newspaper coverage:-



### सफलता की कहानी

कहते हैं सपने देखने एवं उन्हें पूरा करने की कोई उम्र नहीं होती। यही साबित किया है, गांव सुरतपुरा, तह. राजगढ़, जिला चूरू के 55 वर्षीय मीरसिंह पुत्र डीगसिंह जाट ने। सेना से सेवानिवृत्ति पश्चात् बिना समय गंवाये कृषि एवं पशुपालन से जुड़े, जिसमें उनकी शुरू से ही रुचि थी। वर्तमान में इनके पास 15 उन्नत मुरा नरल की भैंसें हैं, इनसे ये प्रतिदिन 80 लीटर दूध तथा मासिक आय करीब तीस हजार रुपये प्राप्त करते हैं। ये पशुओं के गोबर को वर्मीकम्पोस्ट से अच्छी खाद में बदल कर खेती हेतु उपयोग में लेते हैं। ये खेती में रासायनिक खादों के उपयोग को उचित नहीं मानते। ये बताते हैं कि पशुपालन के लिए इनकी पुत्रियां सरोज व सरिता जो कि दोनों पोस्टग्रेजुएट हैं, न केवल प्रेरक हैं बल्कि इस व्यवसाय में उनकी सहायता भी करती हैं। इन्हें खनिज लवणों की उपयोगिता, उन्नत नरल प्रबंधन, डीवर्मींग, सन्तुलित आहार, टीकाकरण एवं पशुओं में होने वाली मौसमी बीमारियों की आधारभूत जानकारी है। इसके अलावा ये अन्य उन्नत तकनीकों की जानकारी हेतु पशुचिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र, चूरू के निरन्तर सम्पर्क में रहते हैं। ये अपने पशुओं का नियमित रूप से टीकाकरण, डीवर्मींग तथा पशु चिकित्सालयों से प्राप्त खनिज लवणों का उपयोग करते हैं। इनका कहना है कि डेयरी व्यवसाय ग्रामीण क्षेत्रों में रोजगार का अच्छा जरिया बन सकता है। ये युवा पीढ़ी को बताना चाहते हैं कि दूर दराज शहरों में प्राइवेट कंपनियों के नौकर बनने से बेहतर है कि प्रशिक्षण द्वारा उन्नत पशुपालन अपना कर अपने मालिक स्वयं बनें। सम्पर्क – मीरसिंह, (मो.8003110860) ग्राम पो. सुरतपुरा, जिला चूरू

### प्रेरणादायक है मीरसिंह का “जय जवान से जय किसान तक का सफर”

पशुपालन नए आयाम, जुलाई, 2018

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पशुधन नित्य सर्वलोकोपकारकम्

## Livestock Farmer's Training Detail

**April 2018 To March 2018**

S.No	Name of Village	Date of Training	Male	Female	Total
1	Somasi	12-04-18	22	18	40
2	Depalsar	21-04-18	27	-	27
3	Gomtiya	24-04-18	26	01	27
4	Ginri patta	26-04-18	40	-	40
5	Aspalsar bara	27-04-18	07	27	34
6	Khejra uttarada	28-04-18	07	32	39

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7	Jhariya	07-05-18	31	03	34
8	Rajasar beekan	10-05-18	08	29	37
9	Raypuriya	11-05-18	40	-	40
10	Bas ghanter	14-05-18	03	25	28
11	Melusar	18-05-18	09	21	30
12	Jaisangsar	19-05-18	07	22	29
13	Depalsar	26-05-18	34	04	38
14	Balal	07-06-18	38	-	38
15	Dhadhariya charnan	08-06-18	36	-	36
16	Gagarwas	14-6-18	40	-	40
17	Hardesar	19-6-18	15	25	40
18	Bain	21-6-18	07	23	30
19	Bijarasar	25-6-18	12	15	27
20	Kotwad tal	26-6-18	03	33	36
21	Jigsana tal	12-7-18	03	37	40
22	Dhana patta rajpura	18-7-18	11	34	45
23	Ranasar (Sardarshahar)	20-7-18	03	33	36
24	Jaitasar	21-7-18	16	17	33
25	Rajas	24-7-18	15	25	40
26	Likhmansar	25-7-18	32	04	36
27	Boontiya	04-08-18	01	34	35
28	Loonas	09-08-18	07	18	25
29	Depalsar	10-08-18	09	19	28
30	Kalas	13-08-18	-	31	31
31	Ghanter	16-08-18	02	41	43
32	Bayla	18-08-18	12	26	38
33	Ramsisar	25-08-18	33	11	44
34	Ranasar beekan	06-09-18	-	37	37
35	Dulrasar	07-09-18	-	36	36
36	Rooplisar	10-09-18	13	28	41
37	Malaksar	18-09-18	10	26	36
38	Jhadsar kandhlan	22-09-18	01	35	36
39	Bhanin	24-09-18	39	-	39
40	Udsar lodera	08-10-18	18	12	30
41	Bholoosar	12-10-18	18	15	33
42	Depalsar	13-10-18	09	23	32
43	Bhairoosar	15-10-18	48	-	48
44	Degan	16-10-18	03	35	38
45	Gopalpura	23-10-18	32	05	37
46	Jeewandesar	24-10-18	29	-	29
47	Beijwa	14-11-18	35	-	35



48	Chajoosar	15-11-18	-	30	30
49	Punsisar	16-11-18	03	34	37
50	Soorvas	20-11-18	15	22	37
51	Bhoghera	24-11-18	05	38	43
52	Poonusar	05-12-18	06	27	33
53	Depalsar	10-12-18	-	27	27
54	Mehrasar upadhiyan	12-12-18	45	-	45
55	Devasar	14-12-18	10	30	40
56	Ghadsisar	15-12-18	03	37	40
57	Kheewasar	19-12-18	-	40	40
58	Rawali ki dhani	20-12-18	10	10	20
59	Siwaron ki dhani	21-12-18	23	07	30
60	Jori	05-01-19	02	43	45
61	Jwanipura	07-01-19	06	34	40
62	Kalera ki dhani	09-01-19	38	01	39
63	Keekasar	19-01-19	10	20	30
64	Sahjasar	22-01-19	18	17	35
65	Rampura patta jhariya	25-01-19	10	19	29
66	Parihara	06-02-19	16	13	29
67	Satyu	07-02-19	02	34	36
68	Rangaisar	12-02-19	05	21	26
69	Daloosar	14-02-19	26	09	35
70	Depalsar	15-02-19	07	28	35
71	Dhani swamiyan	16-02-19	30	01	31
72	Balal	18-02-19	06	22	28
73	Manaparsar	06-03-19	14	13	27
74	Ghadsisar	11-03-19	19	09	28
75	Rolasar	12-03-19	19	12	31
76	Poonras	13-03-19	26	09	35
77	Rajasar beekan	14-03-19	-	29	29
78	Dhana bhakhran	16-03-19	24	09	33

**Livestock Farmers Participated in the Trainings (1<sup>st</sup> April 2018 to 31<sup>st</sup> March 2018)**

Total Livestock Farmer's participated in 78 (SEVENTY EIGHT) Trainings= 2714

Average No. of Livestock Farmers Participated/ Training= 35

### LIVESTOCK FARMER'S TRAINING AT VILLAGES OF CHURU DISTRICT



### Farmer Scientist Interaction -2018-18

#### Detail of Farmer Scientist Interaction Churu District 2018-19

S. No.	Name of Village	Date	No. of farmers
1	Gulpura	16-04-18	25
2	Dhudhwa khara	09-05-18	13
3	Sadau	21-05-18	15
4	Jilly	16-07-18	14
5	Lalasar	23-07-18	13
6	Dhana patta rajpura	21-08-18	07

**Total No. of farmers contacted= 87**

### **Mera Gaon Mera Gaurav- 2018-19**

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 Depalsar Village Under MGMG - 2018-19**

S. No.	Name of MGMG Selected Village	Date of Visit/ Extn Work/ Ghosthis	No. if farmer's contacted
1	Depalsar	29-06-18	16
2	Depalsar	04-07-18	11
3	Depalsar	20-09-18	08
4	Depalsar	11-11-18	11
5	Depalsar	11-01-19	12
6	Depalsar	19-03-19	10

**Total No. of Farmers contacted= 68**



### Detail about Transfer of Technology

S.No.	Transfer of Technology	Farmer name	caste	Mobile no.	Village	Date
1.	Azolla	Lichma w/o Mohanram	Jat	6375723242	Aaspalsar bara	15-12-18
2.	Azolla	Parbhudayal	-	7023169327	Ghanghoo	30-01-19
3.	Azolla	Tej singh S/o Lakshman singh	Rajput	9929742360	Ghadsisar	22-02-19
4.	Azolla	Bhawar singh s/o Hari singh	Rajput	9166392408	Ghadsisar	22-02-19
5.	Azolla	Mohni w/o Punaram	Nai	9649381560	Ghadsisar	22-02-19



# **Veterinary University Training & Research Centre (VUTRC), Ajmer**



॥ पशुधनं नित्यं सर्वलोकोपकारकम् ॥

## **ANNUAL PROGRESS REPORT 2018-19**

(April 1, 2018 to March 31, 2019)

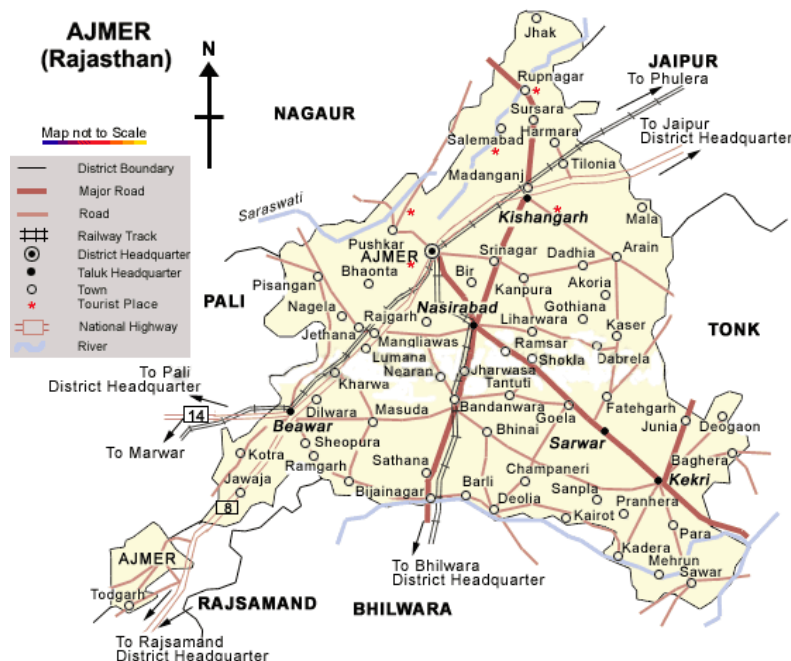


## **VETERINARY UNIVERSITY TRAINING & RESEARCH CENTRE**

**Rajasthan University of Veterinary & Animal Sciences  
Bikaner-334001**

## General Information about District

### a. Map of 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.

Ajmer has been selected as one of the heritage cities for HRIDAY - Heritage City Development and Augmentation Yojana scheme of Government of India. Ajmer, earlier known as 'Ajayameru' was founded in the late 7th century A.D.

Ajmer has a hot semi-arid climate with over 525 mm (25.4 in.) of rain every year, but most of the rain occurs in the Monsoon months, between June and September. Temperature fluctuates up to 45.C in summer and falls up to 6.C in winter. The situation of frost occurs occasionally in some part of Distt.

**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	NAGARPALIKA	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	1324085
2.	Female	1258967
3.	Total	2583052
4.	Rural	1547642

5.	Urban	1035410
6.	SC	210754
7.	ST	40398
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

**c. Status of livestock and poultry population in district**

S.No	Breed	Population		
		Year 2007	Year 12012	% of Change
1	Cattle			
2	Exotic/ C.B	18752	42798	
3	Indigenous	373267	361928	
4	<b>Total cattle</b>	<b>392019</b>	<b>404726</b>	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	<b>Total Live Stock</b>	<b>2025111</b>	<b>1965449</b>	-2-94
11	Poultry at Backyard	116238	98324	
12	Poultry at farm	1470497	2639518	
13	<b>Total Poultry</b>	<b>1586735</b>	<b>2737842</b>	72-54

**Note: - As per MPR Animal Husbandry Deptt. Poultry status in Ajmer district is as follow.**

Poultry	Farms	Birds
Layer	757	71 Lac.
Broiler	280	13 Lac.
Total	1063	84 Lac.

Egg production /day= 35 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		<b>Total</b>	<b>919854</b>	<b>23455</b>	<b>2.54</b>
5	Indigenous	In Milk	3090516	114790	3.71
6		Dry	1916800	68453	3.57
7		Not Calved once	474772	16827	3.54
8		<b>Total</b>	<b>5482088</b>	<b>200070</b>	<b>3.64</b>
9		<b>Total breedable cattle</b>	<b>6401942</b>	<b>223525</b>	<b>3.49</b>
10	<b>Buffalo</b>	In Milk	4447558	151099	3.39
11		Dry	1874203	71997	3.84
12		Not Calved once	551259	20761	3.76
13		<b>Total Buffalo</b>	<b>6873020</b>	<b>243857</b>	<b>3.54</b>
14	<b>Total Breed able</b>		<b>13274962</b>	<b>467382</b>	<b>3.52</b>

#### 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	deerajuvass@gmail.com

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

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

**1.4 Year of Establishment: - Feb 2015****1.5 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 Girish Narayan Mathur Ad. Director Ext. Edu. Rajuvas Bikaner

H. Q. Ajmer

Dr Roshan Lal Dev Ret. Joint Director A.H. Deptt. is working as I/C VUTRC Ajmer

Join in Feb. 15

**2. 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 through 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 data 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. (Disease Diagnosis)

### 3. 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
	-	-	-	-	-	-	-	-

Note :- Four Govt GAD Quarter has been allotted for office. Office land matter is under progress

#### b. Vehicles:

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

Note:-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	-	-	
Computer	-	1	-	-	
Printer	-	1	-	-	
Projector	-	-	-	-	

### 4. Technical Achievements

Transfer of technology by VUTRC Ajmer (Year 18-19):-

S.No.	Name of farmer	village	Technology transfer



1	Sh . Lokendra Singh Rathor mobile No. 9461018777	khodi	Azolla unit
2	Sh. Pappu Khan	Rasoolpura	Azolla unit
3	Smt. Rachana W/O Sh. Ram Kishan Chaudhary mobile No. 9252032668	Kishangarh	Vermi compost Unit
4	Smt.,RehanaW/O Sh. .Abdul Raseed Mob. No 9828299194	Rasoolpura	Azolla unit
5	Smt. Kamla Devi W/O Sh Nand Lal Tepan Mob. No. 9413993049	Mundoti	Azolla unit
6	Ku. Arti D/O Sh Kana Ram Tepan Mob. No. 8440889560	Mundoti	Azolla unit
7	Ku. Manju D/O Sh Hanu Man Prasad Tepan Mob. No. 8107724116	Mundoti	Azolla unit
8	Sh. Hansa S/O Sh Panchu Ram Tepan Mob. No. 8290249415	Mundoti	Azolla unit
9	Ku. Gyna D/O Sh Roopa Ram Mob. No. 9694325588	Mundoti	Azolla unit
10	Sh. Ramesh S/O Sh Gheesa Mob. No. 9680673763	Mundoti	Azolla unit
11	Ku. Sunita D/O Sh Bajrang Lal Mob. No. 7891251577	Mundoti	Azolla unit
12	Sh. Om Prakash S/O Sh Rameswar Lal Sharma Mob. No. 9799714868	Mundoti	Azolla unit
13	Sh. Bajrang Puri S/O Sh Madan Puri Mob. No. 9602699511	Mundoti	Azolla unit
14	Smt. Sunita W/O Sh Banwari Lal Sharma Mob. No. 9828313158	Mundoti	Vermi-compost Unit
15	Sh. Om Prakash S/O Sh Rameswar Lal Sharma Mob. No. 9799714868	Mundoti	Vermi-compost Unit
16	Sh. Hansa S/O Sh Panchu Ram Tepan Mob. No. 8290249415	Mundoti	Vermi-compost Unit
17	Ku. Manju D/O Sh Hanu Man Prasad Tepan Mob. No. 8107724116	Mundoti	Vermi-compost Unit
18	Ku. Arti D/O Sh Kana Ram Tepan Mob. No. 8440889560	Mundoti	Vermi-compost Unit
19	Smt. Indu Kanwar W/O Sh Rajendra Singh Mob. No. 9610136676	Falooda	Azolla unit
20	Smt. Nirmala Kanwar W/O Sh Narendra Singh Mob. No. 9929104935	Falooda	Azolla unit
21	Ku Monika S/O Sh pane Singh Chauhan Mob. No. 9460121875	Falooda	Azolla unit
22	Smt. Santosh kanwar W/O Sh Govind Singh Rajporohit Mob. No. 9660433132	Falooda	Azolla unit



23	Smt Seeta Chaudhary W/O Sh Shri ram Chaudhary Mob. No. 8764800765	Falooda	Azolla unit
24	Ku Divya D/O Sh. Jabbar Singh Mob. No. 9929104935	Falooda	Azolla unit
25	Ku Chandan Kanwar Mob. No. 9680224317	Falooda	Azolla unit
26	Smt Bimlesh W/O Sh Shankar Singhy Mob. No. 7357891314	Falooda	Azolla unit
27	Smt Pinky W/O Sh Manohar Singh Mob. No. 7568023388	Falooda	Azolla unit
28	Smt. Indu Kanwar W/O Sh Rajendra Singh Mob. No. 9610136676	Falooda	Vermi-compost Unit
29	Smt. Nirmala Kanwar W/O Sh Narendra Singh Mob. No. 9929104935	Falooda	Vermi-compost Unit
30	Ku Monika S/O Sh pane Singh Chauhan Mob. No. 9460121875	Falooda	Vermi-compost Unit
31	Smt. Santosh kanwar W/O Sh Govind Singh Rajporohit Mob. No. 9660433132	Falooda	Vermi-compost Unit
32	Smt Seeta Chaudhary W/O Sh Shri ram Chaudhary Mob. No. 8764800765	Falooda	Vermi-compost Unit
33	Ku Divya D/O Sh. Jabbar Singh Mob. No. 9929104935	Falooda	Vermi-compost Unit
34	Ku Chandan Kanwar Mob. No. 9680224317	Falooda	Vermi-compost Unit
35	Smt Bimlesh W/O Sh Shankar Singhy Mob. No. 7357891314	Falooda	Vermi-compost Unit
36	Smt. Lali W/O Sh. Nimba Gujar Mob. No. 9571423773	Rasoolpura	Azolla unit
37	Smt. Sunita W/O Sh. Seva Ram Meghwanshi Mob. No. 7568880198	Rasoolpura	Azolla unit
38	Mukesh S/O Sh Dharm Singh Rawat Mob. No. 9694095261	Madarpura (Rasoolpura)	Azolla unit
39	at Sh. ArifMohammad Mob. No. 9950404036	Rasoolpura	Azolla unit
40	Smt. Gulshan W/O Sh Shahbuddin Mob. No. 9119128745, 9783895122	Rasoolpura	Azolla unit
41	Smt. Sayara W/O Sh Sarajuddin Mob. No. 9602853787	Rasoolpura	Azolla unit
42	1 Ku. Neyra D/O Sh . Gopal Jat Mob. No 7792053988	Ganeshpura	Azolla unit
43	2. Smt. Shanti devi W/O Sh. Ramesh Jat Mob. No 9166797748	Ganeshpura	Azolla unit
44	3Ku. Hansa D/O Sho Raj Jat Mob. No	Ganeshpura	Azolla unit



	9001166309		
45	4Smt Maya W/O Ram charan Mob. No 8441099415	Ganeshpura	Azolla unit
46	5 Smt. Mangi W/O Hanuman Mob Mob. No 9602946606.	Ganeshpura	Azolla unit
47	6. Smt. Sughani W/O Sh.Mev ram Bagariya Mob. No 9928255387	Ganeshpura	Azolla unit
48	7. Ku. Raj kumari D/O Sh. Soram Mob. No 9001166309	Ganeshpura	Azolla unit
49	Ku. Neyra D/O Sh . Gopal Jat Mob. No 7792053988	Ganeshpura	Vermi compost Unit
50	Smt. Shanti devi W/O Sh. Ramesh Jat Mob. No 9166797748	Ganeshpura	Vermi compost Unit
51	Ku. Hansa D/O Sho Raj Jat Mob. No 9001166309	Ganeshpura	Vermi compost Unit
52	Smt. Mangi W/O Hanuman Mob Mob. No 9602946606	Ganeshpura	Vermi compost Unit
53	Smt. Sughani W/O Sh.Mev ram Bagariya Mob. No 9928255387	Ganeshpura	Vermi compost Unit
54	Ku. Raj kumari D/O Sh. Soram Mob. No 9001166309	Ganeshpura	Vermi compost Unit
55	Smt Maya W/O Ram charan Mob. No 8441099415	Ganeshpura	Vermi compost Unit
56	Sh. Israil S/O Sh Bundu Khan Mob. No. 979917829	Rasoolpura	Azolla unit
57	Sh. Israil S/O Sh Badruddin Mob. No. 9982936476	Rasoolpura	Azolla unit
58	Sh. Abdul Hamid S/O Sh Abdul Gaffoor Mob No.9460478820	Rasoolpura	Azolla unit
59-70	Sh Daljeet Singh Rathor Mob. No. 9414354600	Badganv	Azolla unit (12 units)
71-82	Sh Daljeet Singh Rathor Mob. No. 9414354600	Badganv	Vermi-compost unit (12 units)
83	Smt. Sugani W/O Sh. Agami LAI Rawaat	Bhuna Bay	Vermi-compost Unit
84	Sh. Sanwar Lal Chaudhary S/O Sh. Ratan Lal Mob. No . 9636629252	Bhagwanpura	Azolla unit
85	Smt. Soni W/ o Sh. Kalyan Bairwa Mob. No . 9928024470	Taleda	Vermi-compost Unit
86	sh. Sirajuddin Mob. No 9829974062 ( Siraj poultry farm)	Ramsar	Azolla unit

**5. Off campus/on campus trainings Year 18-19**

क्र. स .	देनिग दिनांक	देनिग स्थान	तहसील	पशु पालक सख्या	विशेष विवरण
1	6-4-18	Khavas	Kekari	30	SC(M)-9, ST(M)-1, OBC(M)-19, Gen(M)-1, Total=30
2	9-4-18	Nimeda	Savar	50	SC(M)-18, ST(M)-11, OBC(M)-21, Total=50
3	11-4-18	Telada	Bhinoy	25	SC(M)-10, SC(F)-15, Total=25
4	16-4-18	Jaliya II	Vijay Nagar	45	
5	23-4-18	Puskar	Puskar	39	
6	27-4-18	Dumada	Pisangan	42	
7	9-5-18	Ajgara	Sarwar	20	SC(F)-7, ST(F)-3, OBC(F)-12, Gen(F)-3, Total=25
8	10-5-18	Tntoti	Tntoti	25	SC(F)-4, OBC(F)-12, Gen(F)-4, Total=22
9	14-5-18	Bhairu Kheda	Byawar	42	SC(F)-2, Min.(F)-2, OBC(F)-38, Total=42
10	19-5-18	Lasadiya	Kekari	26	SC(M)-2, Gen(M)-4, OBC(M)-20, Total=26
11	23-5-18	Mevada Kala	Kekari	29	SC(M)-5, ST(M)-4, OBC(M)-16, Gen(M)-4, Total=29
12	24-5-18	Sanod	Nasirabad	27	OBC(M)-27 Total=27
13	25-5-18	Pahad Ganj	Ajmer	24	OBC(M)-22, OBC(F)-2 Total=24
14	26-5-18	Harmada	Kishangarh	39	OBC(M)-39 Total=39
15	15-6-18	Raghunathpura	Sarwar	29	OBC(M)-29 Total=29
16	20-6-17	Kanoj	Kekari	26	OBC(M)-26, Total=26
17	21-6-18	Bandanwada	Bhinoy	35	OBC(M)-9, OBC(F)-10, SC(M)-3, SC(F)-8, Gen (M)-3, Min(M)-2. Total=35
18	25-6-18	Hingoniya	Sarwar	26	OBC(M)-9, OBC(F)-10, SC(M)-3, SC(F)-8, Gen (M)-3, Min(M)-2. Total=35
19	10-7-18	Nolakha	Ajmer	48	OBC(M)-9, OBC(F)-39, Total=48
20	11-7-18	Shivnathpura	Byawar	30	OBC(F)-10, Gen (F)-20, Total=30
21	13-7-18	Ramsar	Nasirabad	50	ST(F)-5, OBC(F)-16, SC(F)-29, Total=50



22	17-7-18	Devaliya	Nasirabad	44	OBC(F)-21, SC(F)-23, Total=44
23	18-7-18	Narbadkheda (Kesharpura)	Byawar	29	OBC(F)-28, SC(F)-1, Total=29
24	19-7-18	Surajpura	Nasirabad	32	OBC(M)-5, ST(M)-19, ST(F)-8, Total=32
25	13-8-18	Aloli	Kekari	30	OBC(M)-, OBC(F)-, Total=
26	14-8-18	Ramavas	Byawar	41	OBC(F)-30, SC (F)-11, Total=41
27	18-8-18	Nooriyawas	Pisangan	31	Gen(M)-19, OBC(M)-9, SC(M)-3, Total=31
28	21-8-18	Mohammadgarh	Nasirabad	38	ST(M)-5, ST(F)-33, Total=38
29	23-8-18	Devaliyakala	Bhinay	25	OBC(M)-18, SC(M)-4, ST(M)-1, Gen(M)-1, Min(M)-1, Total=25
30	15-9-18	Ganeshpura	Kishangarh	32	OBC(M)-18, OBC(F)-7, SC(F)-1, ST(M)-1, ST(F)-1, Gen(M)-2, Gen(F)-2, Total=32
31	20-9-18	Sarsunda	Sarwar	26	OBC(M)-25, OBC(F)-1, Total=26
32	22-9-18	Para	Kekari	46	OBC(M)-13, OBC(F)-1, SC(M)-31, Gen(F)-1, Total=46
33	13-10-18	Loharwada	Nasirabad	26	SC (F)-9, SC (M)-3, OBC (F)-11, OBC (M)-3 Total=26
34	15-10-18	Bevanja	Nasirabad	25	OBC(F)-2 Gen(F)-23, Total=25
35	20-10-18	Sandoliya	Arai	26	OBC(M)-25, OBC(F)-1, Total=26
36	25-10-18	Nooriyavas	Pisangan	27	OBC(M)-13, OBC(F)-1, SC(M)-3, SC(F)-2, ST(M)-4, Gen(M)-4, Total=24
37	12-11-18	Chanvadiya	Puskar	33	OBC(M)-6, OBC(F)-20, SC(F)-2, SC(M)-1, Gen(M)-1, Gen(F)-3 Total=33
38	13-11-18	Hanuvantiya	Nasirabad	26	OBC(F)-22, Gen(F) - 4, Total=26
39	14-11-18	Nepoli	Nasirabad	33	OBC(F)-26, Gen(F)-5, Gen(M) -2, Total=33
40	15-11-18	Derathu	Nasirabad	26	OBC(F)-8, Gen(F) - 2, SC(F)-16, Total=26



41	16-11-18	Ramsar	Nasirabad	38	OBC(F)-6, Min(F) - 28 Min(M) -4 Total=38
42	17-11-18	Mavasiya	Nasirabad	29	OBC(M)-28, SC(M)- 1, Total=29
43	19-11-18	Bharukhera	Tantoti	27	OBC(M)-27,
44	14-12-18	Nai kheda	Kekari	27	OBC(M)-10, SC(M)-16, ST(M)-1 Total=27
45	17-12-18	Jaswantpura	Nasirabad	40	OBC(M)-10, OBC(F)-19, SC(F)-2 SC(M)-4, ST(M)-3 ST(F) -2 Total=40
46	18-12-18	Dilwada	Nasirabad	30	OBC(F)-15, SC(F)-15, Total=30
47	19-12-18	Chainpura	Nasirabad	32	OBC(M)-19, OBC(F)-7, SC(M)-4, Gen(M)-2 Total=32
48	20-12-18	Gudha	Ajmer	32	OBC(F)-3, Min(F)- 29Total=32
49	23-12-18	Bandarsindari	Kishangarh	35	OBC(M)-35, Total=35
50	26-12-18	Solkalna	Bhinoy	26	OBC(M)-24, SC(M)-1, Gen(M)-1 Total=26
51	5-1-19	Motipura	Arai	26	OBC(M)-26, Total=26
52	7-1-19	Khayada	Bhinoy	30	OBC(M)-27, Gen(M)-3, Total=30
53	8-1-19	Singhawal	Bhinoy	33	OBC(M)-2, OBC(F)-27, SC(M)-2, ST(M)-2 ST(F) - Total=33
54	9-1-19	Dhantol	Bhinoy	28	OBC(M)-22, Min (F)-1, SC(M)-5, Total=28
55	16-2-19	Safanda	Nasirabad	30	OBC(M)-22, OBC(F)-7, SC(M)-1, Total=30
56	22-2-19	Sarwar	Sarwar	25	OBC(M)-20, OBC(F)-1, SC(M)-2, ST(M)-2 Total=25
57	1-3-19	Khori	Puskar	36	OBC(M)-3, OBC(F)-14, Gen (F)-14 SC(F)-5, Total=36
58	6-3-19	Bhagwanpura	Sarwar	30	OBC(M)-26, SC(M)-4, Total=30
59	7-3-19	Nand	Puskar	29	OBC(F)-20, SC(F)-4, Gen(F)- 5, Total=29
60	8-3-19	Harpura	Sarwar	43	OBC(M)-36, OBC(F)-7, Total=43

61	12-3-19	Kadel	Puskar	38	OBC(F)-2, SC(F)-1, ST(F) - 2, Gen(F)-33, Total=38
62	13-3-19	Bhagwanpura	Puskar	28	OBC(F)-8, SC(F)-5, Min (F) - 3, Gen(F)-12 Total=28
63	23-3-19	Bidla	Sarwad	36	OBC(M)-34, SC(M)-2, Total=36
				<b>2031</b>	

### तहसीलवार पशु पालक प्रशिक्षण शिविर वर्ष 18-19

क्र. स.	नाम तहसील	ग्राम जहां जहां प्रशिक्षण दिया गया
1.	अजमेर	पहाडगंज, नोलखा, गुढा,
2.	किशनगढ	हरमाडा, गणेशपुरा
3.	भिनाय	तालेडा, बांदनवाडा, देवलियाकलां, सोलकलां, खायडा, सिंघावल, धांतोल,
4.	सरवाड	अजगरा, रघुनाथपुरा, हिंगोनिया, सरसून्दा, सरवाड, भगवानपुरा, हरपुरा, बिडला
5.	टांटोटी	टांटोटी, भैरुखेडा,
6.	नसीराबाद	सनोद, रामसर, देवलिया, सुरजपुरा, मोहम्मदगढ, लोहरवाडा, बेवंजा, हनुवन्तिया, नेपाली, देराठू, रामसर, मवासिया, दिलवाडा, चैनपुरा, जसवन्तपुरा, सफणदा
7.	केकडी	खवास, लसाडिया, मेवदाकलां, कनोज, आलाली, पारा, नाईखेडा,
8.	पुष्कर	पुष्कर, चांवडिया, खोरी, नांद, कडेल, भगवानपुरा
9.	मसूदा	
10.	अराई	सान्दोलिया, मोतीपुरा,
11.	ब्यावर	भैरुखेडा, शिवनाथपुरा, नरबदखेडा, रामावास
12.	पीसांगन	डूमाडा, नूरियावास, नूरियावास
13.	विजयनगर	जालिया ।।,
14.	सावर	निमेडा,

### Year 18-19 Demostration by VUTRC Ajmer

S.No.	Name of farmer	village	Demostration
1	<b>demonstration</b> with the help of KVK Ajmer 1. Sh. Abdul Hamid S/O Sh Abdul Gaffoor Mob No. 9460478820	Rasoolpura	Backyard poultry
2	2 Sh. M A Ajmeri. S/O Sh Sh. Abdul Hamid Mob No. 9660273374	Rasoolpura	Backyard poultry
3	3. Sh. Mustak S/O Sh Abdul Gaffoor Mob No. 9950825029	Rasoolpura	Backyard poultry



4	4. Sh.Mohmmad Farukh S/O Sh Abdul Gaffar Mob No.9799178247	Rasoolpura	Backyard poultry
5	5. Sh.Badruddin Serani S/O Sh Badshah Khan Mob No.9982936476	Rasoolpura	Backyard poultry
6	6. Sh.Israil S/O Sh badruddin Mob No.8233150683	Rasoolpura	Backyard poultry
7	7. Sh.Imamuddin S/O Sh badruddin Mob No.9829260221	Rasoolpura	Backyard poultry
8	8. Sh.Amir khan S/O Sh Shhabuddin Mob No.9783895122	Rasoolpura	Backyard poultry
9	9. Sh.Seva Ram S/O Sh Kana Ram Meghwanshi Mob No.9649945015	Rasoolpura	Backyard poultry
10	10. Sh.Hari Ram S/O Sh Gulla Mob No.4568880198	Rasoolpura	Backyard poultry
11	11. Smt. Kalsum W/O Sh Sahabuddin Mob No.9694214159	Rasoolpura	Backyard poultry
12	12. Smt. Rehan bano W/O Sh Moinuddin Mob No.7728079698	Rasoolpura	Backyard poultry
13	13. Smt . Shahanaj Bano S/O Sh Firoj Khan Mob No.9414000233	Rasoolpura	Backyard poultry
14	14. Smt. Afsano Bano S/O Sh Vafat Mob No.95213718630	Rasoolpura	Backyard poultry
15	15. Sh.Pesil Khan S/O Sh Nijamuddin Mob No.9462542669	Rasoolpura	Backyard poultry
16	16. Smt. Hasina W/O Sh Imamuddin Mob No.9667008483	Rasoolpura	Backyard poultry
17	17. Smt. Firdos W/O Sh Mohmmad Hanif Mob No.9521622004	Rasoolpura	Backyard poultry
18	18. Smt. Noor Jahan W/O Sh Yusuf Khan Mob No.9166608768	Rasoolpura	Backyard poultry
19	19. Smt. Jahida Fazal W/O Sh Islamuddin Mob No.8769829235	Rasoolpura	Backyard poultry
20	20. Smt. Kursida W/O Sh Liyakat Mob No.9166388634	Rasoolpura	Backyard poultry



**Advisory Services Given by Veterinary University Training  
and Research Centre Ajmer Year 2018-19**

S.No.	Name of Livestock Farmer	Address	Mob. No	Advisory Given	Date of Advisory given	Mode of Advisory given(Through Telephone/ Literature / on the Centre/Other
1	Smt. Lali W/O Sh. Nimba Gujar	Rasoolpura	9571423773	Advise to establish Azolla unit	7-5-18	Personal Contact
2	Smt. Sunita W/O Sh. Seva Ram Meghwa nshi	Rasoolpura	7568880198	Advise to establish Azolla unit	7-5-18	Personal Contact
3	Sh Banshi S/O Sh Kanahiya Lal Rawat	Kanakriya		Advise to establish Azolla unit	26-7-18	Personal Contact
4	Sh ramesh S/O Sh Banshi Regar	Rasoolpura		Advise to establish Azolla unit	26-7-18	Personal Contact
5	Sh Mukesh S/O Sh Dharm Singh Rawat	madarpura		Advise to establish Azolla unit	26-7-18	Personal Contact
6	at Sh. Mukesh S/O Sh Dharm Singh Rawat	Rasoolpura	9694095261	Advise to establish Azolla unit	4-8-1818	Personal Contact
7	Mr. Lokesh Gupta at	Madar		Advise for establish Azolla unit . Keep animal house clean	17-8-18	Personal Contact
8	Smt. Gulshan	Rasoolpura		Advise to establish Azolla unit	4-9-18	Personal Contact
9	Smt. Sayara	Rasoolpura		Advise to establish Azolla unit	4-9-18	Personal Contact
10	Badimata Gaushala	Vijay Nagar		Advise to establish Azolla & Vermi	12-9-18	Personal Contact



	for consultan cy service			compost unit so Gaushala become independent		
11	Sh. Ratan Lal Gujar	Rasoolpura		Advise to establish Azolla unit	16-10-18	Personal Contact
12	Sh Daljeet Singh Rathor.	Bad Ganv	9414354600	Advise to establish Azolla & Vermi Compost Unit	26-10-18	Personal Contact
13	Sh. Sunil Mahavar	Bhudol	8741838502	Advise for to start Goat farming	2-12-18	Personal Contact
14	Smt. Sugani W/o Sh. Agami Lal Rawaat	Rasoolpura (Bhuna bay)		Advise to establish Vermi Compost Unit	10-1-19	Personal Contact
15	Seva Ram Meghwa nshi	Rasoolpura		Advise for deworming for goats	25-2-19	Personal Contact
16	Sh. Arif Mohmma d	Rasoolpura		Advise for deworming for goats & buffalo	25-2-19	Personal Contact
17	Sh. Faqruddi n	Rasoolpura		Advise for deworming for Buffalo	25-2-19	Personal Contact
18	Smt. Amina	Rasoolpura		Advise for deworming for poultry	25-2-19	Personal Contact

### Activities organised by VUTRC ( April 2018 to March 2019)

Month	Off Camp us Traini ng		On Camp us Trai ning		Animal Treat ment camp		Vichar/ Kis han Gas thi		Farmer Scienti st Interac tion		Field da y/ ot he r		Exhibition		Total Off & On Camp us Trai ning	Total Particip ants on/off campus Trainin gs	Remark
	T	P	T	P	T	P	T	P	T	P	T	P	T	P			
April 18	6	231													6	231	
May 18	8	232													8	232	
June 18	4	116													4	116	
July 18	6	233													6	233	
Aug. 18	5	165													5	165	
Sept. 18	3	104							1	45					3	104	
Oct. 18	4	104													4	104	
Nov. 18	7	212													7	212	
Dec. 18	7	223													7	223	
Jan 19	4	117			1	31									4	117	
Feb.19	2	55					1	49									
March19	7	240															
<b>Total</b>	<b>63</b>	<b>2031</b>			<b>1</b>	<b>31</b>	<b>1</b>	<b>49</b>	<b>1</b>	<b>45</b>					<b>63</b>	<b>2031</b>	



### **MGMG Village Report**

**1. Selected Village :- Rasoolpura**

**2. No. of Scientists Involved :- 2**

**3. No. of field activities conducted :-3**

**4. No. of messages/ advisory sent :-12**

**5. Farmers benefited (No.) :-78**

S. No.	Name of activity	No. of activities conducted	No. of farmers participated & benefitted
1.	Visit to village by teams	3	78
2.	Interface meeting/ <i>Goshthies</i>		
3.	Demonstrations conducted ( With the help of KVK Ajmer)	1	20

### **6. Other activities organized by ICAR Institutes/ SAUs under MGMG**

S. No.	Name of activity	No. /Area (ha)	No. of farmers benefitted
1.	Linkages developed with other agencies (No. of agency)	2	78
2.	Facilitation for new varieties, seeds, technology		
i	Technology (No.) Establishment of Azolla	1	11

# **Veterinary University Training & Research Centre (VUTRC)**

## **Sirohi**



॥ पशुधनं नित्यं सर्वलोकोपकारकम् ॥

## **ANNUAL PROGRESS REPORT 2018-19**

(April 1, 2018 to March 31, 2019)



## **VETERINARY UNIVERSITY TRAINING & RESEARCH CENTRE**

**Rajasthan University of Veterinary & Animal Sciences**  
**Bikaner-334001**

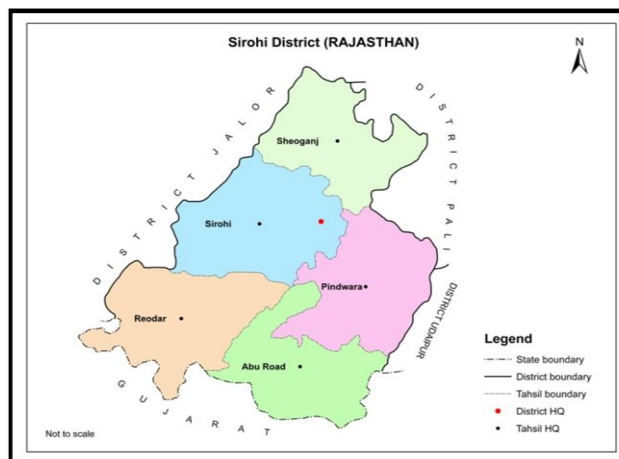
## RAJASTHAN UNIVERSITY OF VETERINARY AND ANIMAL SCIENCES, BIKANER

### Format for Annual Report (2018-19)

#### 1. General Information about Sirohi District

##### a. Map of District

##### b. Geographical location



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 Vidhan sabha Constituencies. District has 157 Gram Panchayats with total number of 494 villages in all.

##### d. District Population (2011)

As per 2011 Population census, Sirohi had a population of 1,036,346 of which male and female were 534,231 and 502,115 respectively. Sirohi had on an average literacy rate of 55.25 % in which male about 69.98 % and female about 39.73 %.

##### 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
	<b><u>Total</u></b>	<b>899504</b>
8	Poultry	52236
	<b><u>Total</u></b>	<b>951740</b>

#### f. Agriculture profile of District

This district occupies prominent place in the agro-climatic zone II b i.e. "Transitional Plain of Luni Basin" comprising three blocks of the district viz. Sheoganj, Reodar and Sirohi and Zone IV a i.e. "Sub humid southern plain and Aravali Hills comprising two blocks viz. Pindwara and Aburoad. It covers a total Geographical area of 517947 hectare 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	-	1. vutrcsirohi.rajuvas@gmail.com 2. 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	<a href="mailto:deerajuvass@gmail.com">deerajuvass@gmail.com</a>

**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 31<sup>st</sup> March 2016)**

S.No.	Name of Post**	Name of the incumbent	Designation	Discipline	Pay Scale (Rs)	Date of Joining	Permanent /Contractual
1. 1	Associate Professor*	-	-	-	-	-	-
2. 2	Assistant Professor	Dr. Sudeep Solanki	Assistant Professor	Vety. Microbiology		06.04.16	Permanent
3. 3	Teaching Associate	Dr. Rabindra kumar	Teaching Associate	Veterinary Gynecology & Obstetrics	40000 fix	24.04.17	Contractual
4. 4	Teaching Associate	Dr. Kamal Mohan	Teaching Associate	Livestock Production & Management	40000 fix	30.04.18	Contractual
5. 5	Livestock Assistant	Santosh Gurjar	LSA	Veterinary	12090 fix	01.04.18	Contractual
6. 6	Supporting Staff	Mukesh kumar	Non skilled-	-	7800 fix	1 Sep 2016	Contractual
7. 7	Supporting Staff	Chhagan lal	Skilled	-	8500 fix	26 Jan 2017	Contractual

**3. Objectives of VUTRC:**

1. To impart trainings, enhance awareness and to conduct demonstrations regarding breeding, feeding, management and health care of various species of animal productivity.
2. To disseminate technology at grass root level for improvement in animal productivity as well as prepare socio-economic status of rural masses.
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 through various extension activity including literature for quick dissemination of technology.
5. To assess and refine the latest technologies developed under control condition in field for their wider adaption and collecting feedback information from field and generate production date of livestock farming.
6. To have provision of services for animal disease diagnosis and treatment testing of feed & fodder as well as animal products.

**4. Developmental Infrastructure of VUTRC Sirohi:****a. Building**

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 Sirohi	RAJUVAS Bikaner	Completion		EO (works) RAJUVAS	-	-	completed

**b. Boundary wall**

S.No	Name of Boundary wall	Source of Funding	Stage					
			Complete			Incomplete		
			Completion on Date	Plinth area	Expenditure	Starting Date	Plinth area	Status of construction

				(Sq.m)			(Sq.m)	
1	VUTRC Sirohi	RAJUVAS Bikaner	Completion		EO (works) RAJUVAS	-	-	Incomplete

**c. Tubewell**

S.No	Name of Tubewell	Source of Funding	Expenditure	Status of completion
1	VUTRC Sirohi	RAJUVAS Bikaner	EO (works)  RAJUVAS	Completed

**d. Vehicle**

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

**e. 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	
Microscope Olympus	2016-17	1	47040.00	DEE	
Electronic	2016-17	1	34656.00	DEE	

Laboratory Balance					
Laboratory Autoclave	2016-17	1	82593.00	DEE	
Glass Distillation Capacity of Flasks	2016-17	1	23598.00	DEE	
Refrigerator (LG)	2016-17	1	18975.00	DEE	
Monitor LED	2016-17	1	44437.50	DEE	

#### f. 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	kKrishi Vigya Kendra (KVK) Sirohi	Involvement of Training programme and other activities
5	People For Animal (PFA) Sirohi	Health Camps & Survey
6	Centre for Microfinance (CMF) Sirohi	Involvement in training programme

### Training Activities carried out (2018-19)

#### 5. Off Campus Trainings:

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April 2018	7	74	152	226
May 2018	8	144	129	273
June 2018	7	165	84	249
July 2018	5	117	58	175
August 2018	8	153	105	258
September 2018	8	170	94	264
October 2018	7	121	103	224
November 2018	7	126	112	238
December 2018	8	178	100	278
January 2019	8	114	134	248
February 2019	7	92	116	208
March 2019	7	157	92	229

**6. On Campus Trainings:**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
June 2018	1	16	4	20
July 2018	1	19	-	19
August 2018	1	26	-	26
September 2018	1	17	5	22
October 2018	1	21	9	30
November 2018	1	25	-	25
December 2018	1	22	-	22
January 2019	1	19	-	19
February 2019	1	13	2	15
March 2019	1	19	3	22

**7. Animal Treatment Camp:**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
May 2018	1	25	7	32
June 2018	2	53	6	59
December 2018	1	41	11	52
January 2019	1	32	10	42

**8. Vichar Gosthi:**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April 2018	1	12	-	12
May 2018	1	7	-	7
June 2018	1	8	-	8
July 2018	-	-	-	-
August 2018	1	8	-	8
September 2018	1	9	2	11
October 2018	1	8	-	8
November 2018	-	-	-	-
December 201	1	2	4	6
January 2019	1	3	4	7
February 2019	1	10	-	10
March 2019	-	-	-	-

**9. Farmers-Scientist Interaction:**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
January 2019	1	39	-	39

**10. Field day:**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
August 2018	1	6	-	6
September 2018	1	3	-	3
October 2018	1	4	-	4

**11. News Paper Coverage: 26****OFF CAMPUS TRAINING PROGRAMMES**

### ANIMAL HEALTH CAMP PROGRAMME



### MEGA GAON MEGA GAURAV (MGMG)



### DEMONSTRATION & VISITORS AT VUTRC SIROHI



## NEWS COVERAGE ON TRAINING PROGRAMME



# **Veterinary University Training & Research Centre (VUTRC)**

## **Lunkaransar**

### **(Bikaner)**



## **ANNUAL PROGRESS REPORT 2018-19**

**(April 1, 2018 to March 31, 2019)**



## **VETERINARY UNIVERSITY TRAINING & RESEARCH CENTRE**

**Rajasthan University of Veterinary & Animal Sciences**  
**Bikaner-334001**

## RAJASTHAN UNIVERSITY OF VETERINARY AND ANIMAL SCIENCES, BIKANER

1. Project Title - Veterinary University Training & Research Centre
2. Location - Lunkaransar (Bikaner)
3. Area of Jurisdiction - Bikaner district
4. Date of Sanction - ICAR letter F.No. 13-1/2009 – AE- I Dated 30/03/2012
5. Date of Commencement - 27<sup>th</sup> Sept. 2013 of VUTRC
6. Period of Report - 1<sup>st</sup> April 2018 to 30<sup>th</sup> of April 2019
7. 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	+911528271111	-	vutrc_lunkaransar.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	deerajuvas@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	deerajuvas@gmail.com

#### 1.4 Year of sanction: 27-09-2013

#### 1.5. Staff Position: (as on 30<sup>th</sup> April, 2019)

S. No	Name of Post**	Name of the	Designation	Discipline	Pay Scale	Date of joining	Permanent/ Temporary
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		incumbent			(Rs)		
1	Associate Professor	**					
2	Assistant Professor	Dr. R.K. Berwal	Assistant Professor	Livestock Products Technology	15600-39100		Permanent
3	Assistant Professor	Dr. Manish Songara	Teaching Associate	Livestock Production Management	40,000/- (Fix)	05-01-2019	Temporary ***
4	Assistant Professor	Dr. Mahipal Kajla	Teaching associate	Vety. Parasitology	40,000/- (Fix)	10-01-2019	Temporary ***
5	Technical Assistant	Daleep Singh	Livestock Assistant	-	12,884/- month (Fix)	01-04-2016	Temporary ***
6	Technical Assistant	**					
7	Technical Assistant	**					
8	Driver	**					
9	Ministerial Staff	**					
10	Ministerial Staff	**					
11	Supportive Staff	**					
12	Supportive Staff	MulaRam	Supportive Staff	-	8,000/- (Fix)	6-4-2018	Temporary ***
13	Supportive Staff	Bashir Shah	Supportive Staff	-	8,500/- (Fix)	2-4-2018	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: 5,776 m<sup>2</sup>**

**1.7. Infrastructural Development:**

**i) 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
1.	Administrative Building	RAJUVAS	2016	323.11				Completed
2.	Farmers Hostel	RAJUVAS	2016	124.02				Completed



3.	Staff Quarters	RAJUVAS	2016	113.52				Completed
4	Length of boundary wall	RAJUVAS	2016	304 m				Completed
5	Demonstration Units	Fund Unavailable	-	-	-	-	-	-

**ii) Vehicles**

Type of vehicle	Year of purchase	Cost (Rs)	Total hours run	Present status
Hired on contract basis	2018	20,000 per month	1500 KM per month	Running

**iii) 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	Transferred from the office of DEE	DEE, RAJUVAS	All equipment's are in working Condition
Computer	2016	02	Transferred from the office of DEE	DEE, RAJUVAS	
Printer	2016	01	Transferred from ABG department	DEE, RAJUVAS	
Public Address System (Mike & Speaker)	2016	01	Transferred from the office of DEE	DEE, RAJUVAS	
Xerox	2016	01	Transferred from the office of DEE	DEE, RAJUVAS	
Projector	2016	01	Transferred from ABG department	DEE, RAJUVAS	
Sine wave output voltage Inverter	2016	01	Transferred from the office of DEE	DEE, RAJUVAS	
Model of Sahiwal cattle female	2016	01	Transferred from the office of DEE	DEE, RAJUVAS	
Monitor LED 40 inches full HD	2017	01	Transferred from the office of DEE	DEE, RAJUVAS	
Model of Murrah buffalo female	2017	01	Transferred from the office of DEE	DEE, RAJUVAS	

**1.8. 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.

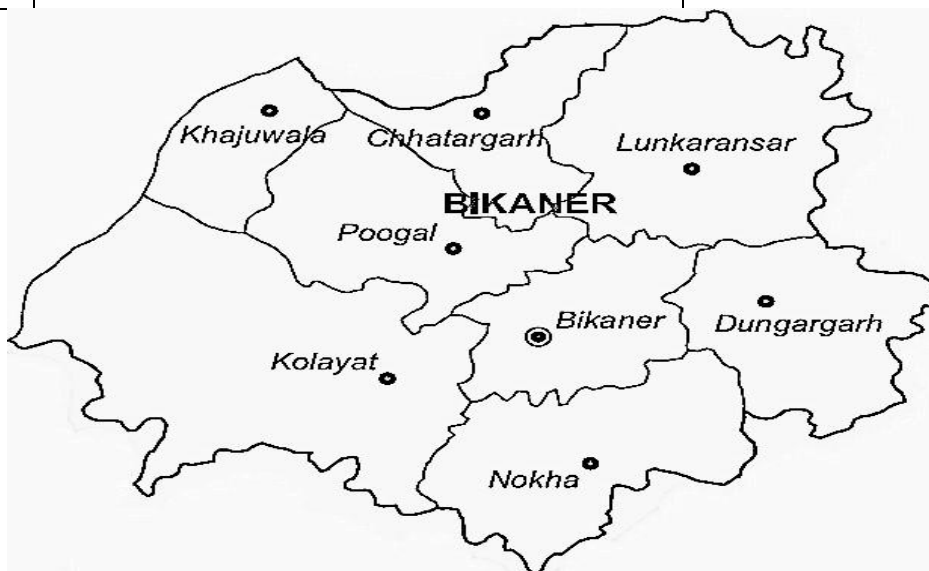
**PART II - DETAILS OF DISTRICT****TEHSILS OF BIKANER DISTRICT**

Bikaner, District, (a part of Rajasthan state) has 8 Sub-Divisions, 8 Tehsils and 7 Panchayat Samities. Approximately 857 villages of the district are inhabited by human population and Total No. of uninhabited village is 62. The district has 6 Towns in total and as many as 290 "Gram Panchayats".

S. No.	Name of Tehsil	No. of Villages in Tehsil	Population
1	Bikaner	125	9,19,706
2	Chhatargarh	64	82,488
3	Khajuwala	58	88,730
4	Kolayat	232	2,61,028
5	Lunkaransar	139	2,13,627
6	Nokha	145	4,36,876

7	Poogal	58	67,163
8	Sridungargarh	98	2,94,319
	<b>TOTAL</b>	<b>919</b>	<b>23,63,937</b>

S. No.	TOWN & VILLAGES	No.
1	Sub Division	08
2	Tehsils	08
3	Towns	06
4	Panchayat Samities	07
5	Total No. of Village	1498
6	Total No. of Gram Panchayat	290



## 2.1 District Agriculture profile

<b>Agro-Climatic/Ecological Zone</b>	<b>Farming system/enterprise</b>
<b>Agro Ecological Sub Region (ICAR)</b>	Western Plain, Kachchh and Part of Kathiawar Peninsula, Hot Arid Eco-Region
<b>Agro-Climatic Zone (Planning Commission)</b>	Trans Gangetic Plain Region
<b>Agro Climatic Zone (NARP)</b>	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)	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 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 seven Panchayat Samities, i.e. Bikaner, Kolayat, Nokha, Loonkaransar, Khajuwala, Pachoo and Sridungargarh. There are 874 villages and 219 Gram panchayats. There are two sub tehsils of which Bajju is in Kolayat and Mahajan is in Loonkaransar for better administration. The district has one Municipal Council, 290 Gram Panchayats and 1498 Villages. As per 2001 Census, the total population of the district is 2363937 out of which 1563553 is rural population and 800384 is urban population.

### 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

<b>Open wells</b>	NIL	NIL	NIL
<b>Bore wells</b>	13903	2.6	0.3
<b>Lift irrigation schemes</b>	NIL	NIL	NIL
<b>Micro-irrigation</b>	-	-	-
<b>Other sources (please specify)</b>	-	-	-
<b>Total Irrigated Area</b>	-	873.8	-
<b>Pump sets</b>	8993	-	-
<b>No. of Tractors</b>	-	-	-
<b>Groundwater availability and use*</b> (Data source: State / Central Ground water Department / Board)	<b>No. of blocks/ Tehsils</b>	<b>(%) area</b>	<b>Quality of water</b> (specify the problem such as high levels of <b>arsenic, fluoride, saline etc</b> )
<b>Over exploited</b>	NIL	NIL	-
<b>Critical</b>	NIL	NIL	-
<b>Semi- critical</b>	NIL	NIL	-
<b>Safe</b>	7	100	Saline
<b>Wastewater availability and use</b>	NA	-	-
<b>Ground water quality</b>	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.

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

## 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
<b>Horticultural crops –Vegetables</b>	<b>Total area ('000 ha)</b>
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

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

### 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)
<b>Major Field crops (Crops to be identified based on total acreage)</b>								
<b>A.Cotton/ Wheat</b>	269.9	3.12	595.9	3300				NA
<b>B.Cotton/ Barley</b>	70.7	2.57	110.9	2700				NA
<b>Cluster bean/ Mustard</b>	152.3	933	306.5	1133				NA
<b>Mung bean/ Chickpea</b>	20.5	787	79.4	833				NA
<b>Paddy/ Taramira</b>	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 (19<sup>th</sup> Livestock Census, 2012)Biknaer district**

Cattle			Buffalo	Sheep	Goat	Equines	Camel	Pig	Total Livestock
Exotic/C.B.	Indigenous	Total							
57,421	8,48,654	9,06,075	1,93,433	6,53,028	9,61,907	3,047	46,209	859	27,73,315

**2.14 Livestock Density of the District (19<sup>th</sup> Livestock Census, 2012)**

District	Area (Km <sup>2</sup> )	Livestock Census 2012	Livestock Density/Km <sup>2</sup>
Bikaner	27,244	27,73,315	102

**2.15 Poultry population data(19<sup>th</sup> Livestock Census, 2012)**

Poultry	Total No. of birds ('000)
At Farms	1000
Backyard	22762
Total	23,762

**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
<b>Drought</b>	✓		
<b>Flood</b>			✓
<b>Cyclone</b>			✓
<b>Hail storm</b>		✓	
<b>Heat wave</b>		✓	
<b>Cold wave</b>		✓	
<b>Frost</b>		✓	
<b>Sea water intrusion</b>			✓
<b>Pests and disease outbreak (specify)</b>	✓		
<b>Others (specify)</b>			

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

S N	Name of Animals	Numbers	%age
1.	Cattle	906075	32.67
2.	Buffaloes	193433	6.97
3.	Sheep	653028	23.55
4.	Goat	961907	34.68
5.	Camel	46209	1.67
6.	Horse	3047	0.10
7.	Mule	45	0.0016
8.	Donkey	8712	0.31
9.	Pig	859	0.03
10.	Poultry/Duck	23762	0.86
11.	Others	30208	1.09

**PART III - TECHNICAL ACHIEVEMENTS****3.1 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,	To extend the area under fruit orchards and techniques in

Pomegranate, Aonla, Ber, Carrot, Methi, Onion, Muskmelon, Garlic,	nursery raising and its proper management.
Mushroom cultivation	To motivate the farmers for income generation through 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 2018-19

S. No.	Tehsil	Gram Panchayat	Village	Source of Earning	Major Problems Identified	Identified Thrust Area
1	Bikaner	Badrasar	Badrasar	1. agriculture	1. unemployment	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
2		Surdhna	Surdhna			
3		Garhwala	Garhwala			
4		KesarDesarJatan	KesarDesarJatan	2. animal husbandry & dairying	2. lack of knowledge about scientific dairy farming	
5			KesarDesarBoran			
6		KilchuDeveran	Kilchu			
7		Ambasar	Ambasar			
8			Geegasar			
9		Udairamsar	Udairamsar	3. govt. job	3. unaware of role of vaccination	
10		Bhinasar	Bhinasar			
11		Kanasar	Kanasar	4. private job	4. don't know the importance of mineral mixture	
12		Sobhasar	Sobhasar			
13		Jamsar	Jamsar			
14		Udasar	Udasar	5. business	5. unavailability of green fodder round the year.	
15		Pemasar	Pemasar			
16		Bambloo	Bambloo			
17	Lunkaransar	Malkhisar	11 Mkd			introducing employment generation activities for farm women like fruit and vegetable preservation, tailoring, embroidery, soft toys making etc.
18		Arjunsar Station	Mithriya			
19			Arjunsar Station			
20		Jaitpur	Jaitpur			
21		Kakadwala	Laxminarayansar			
22		Kujti	Kujti			
23		Hansera	Unchaira			
24			Hansera			
25		Rambag	Ranisar		5. unaware of fodder/ forage conservation techniques.	
26			Rambag			
27			Gesura			
28		DhaniPandusar	DhaniChhipalai		6. unaware of govt. aided	
29			DhaniPandusar			
30			Amarpura			



31		Sabniyan	Sabniyan		schemes for	the
32		Chakjohad	Ramsara		livelihood	productivity
33		Baderan	Mokhampura		improvement	of dairy
34		Kapurisar	Kapurisar			animals and
35		Baladesar	Asrasar		7. capital	encouraging
36		Suin	Suin		availability	farmers for
37		Rojha	Rojha			sustainable
38			Chak 303		8. unaware of	agriculture
39			3 Dlm		good germ-	through
40		Karnisar	Manafasar		plasm	natural
41		RajpuraHudaan	RajpuraHudaan		9. climate	farming
42			Kisnasar		change	system.
43			Dheerdan			encouraging
44		Nathwana	1 Lkd		10. lack of	farmers for
45			Chak 247		knowledge	vaccination
46		Lunkaransar	Chak 290		about	to their
47		Bamanwali	Kisturiya		nutritional	livestock
48			Bamanwali		value of soil	animals.
49		Dhirera	Jaisan			
50			Mahrana		11. lack of	to
51	Nokha	Rora	Rora		awareness	popularize
52		Kanvlisar	Kanvlisar		about water	deworming
53		Rasisar	Rasisar		management	especially
54			RasisarRajpurohitaan			stress on
55		Kuchor	KuchorAguni		12. uterine	animal
56			KuchorAathuni		prolapsed in	treatment
57	Chattargarh	Damulayi	Rd 465		cattle.	and motivate
58		Chattargarh	Chattargarh			the farmers
59	Kolayat	Girirajsar	Girirajsar		13. infertility	for income
60		Gadiyala	Gadiyala		in cattle	generation
61		Diyatra	Diyatra			through
62		Hadan	Hadan			dairy
63		Dasori	Dasori			farming.
64		Kheendasar	Kheendasar			
65		Govindsar	Govindsar			to motivate
66	Sridungargarh	Poonrasar	Punrasar			the farmers
67		Kalyansar	Kalyansar			use of
68		Ridhee	Ridhee			mineral
		Bana	Bana			mixture for
						better
						productivity
						of dairy
						animals.
						to
						demonstrate
						the method
						of silage &
						hay making
						as a tool of
69						fodder

						conservation motivate the farmers to call expert for treatment of livestock
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## **PART IV TRAINING**

### **4.1 Summary of achievements of training programme**

S. No.	No. of courses			No. of participants		
	Off-campus	On-campus	Total	Off-campus	On-campus	Total
1	71	16	87	2262	471	2733

### **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
Prevention of animal from various diseases	01	30	-	30	07	-	07	37	-	37
Vaccination and deworming in animals	01	31	-	31	03	-	03	34	-	34
Important of mineral mixture in animal feeding	01	36	-	36	00	-	00	36	-	36
Nutritional management for milk cattle	01	38	-	38	01	-	01	39	-	39
Anestrus problems in dairy cattle	01	31	-	31	07	-	07	38	-	38
Dairy production	01	14	-	14	16	-	16	30	-	30



and management										
Important of mineral mixture in animal feeding	01	12	-	12	10	-	10	22	-	22
Nutritional management for milk cattle	01	17	-	17	15	-	15	32	-	32
Vaccination and deworming in animals	01	11	-	11	11	-	11	22	-	22
Role of balance diet in dairy animals	01	30	-	30	07	-	07	37	-	37
Anestrus problems in dairy cattle	01	34	02	36	00	-	-	34	02	36
Breed conservation and improvement	01	21	-	21	09	-	09	30	-	30
Vaccination and deworming in animals	01	19	-	19	17	-	17	36	-	36
Nutritional management for milk cattle	01	23	-	23	09	-	09	32	-	32
Role of Azolla in animal feeding	01	22	-	22	05	-	05	27	-	27
Anestrus problems in dairy cattle	01	22	-	22	11	-	11	33	-	33
Breed improvement	01	01	-	01	37	-	37	38	-	38



Role of balance diet in dairy animals	01	19	-	19	11	-	11	30	-	30
Role of balance diet in dairy animals	01	40	-	40	01	-	01	41	-	41
Nutritional management for milk cattle	01	29	-	29	08	-	08	37	-	37
Vaccination and deworming in animals	01	21	-	21	09	-	09	30	-	30
Important of mineral mixture in animal feeding	01	27	-	27	05	-	05	32	-	32
Dairy production and management	01	25	-	25	05	-	05	<b>30</b>	-	<b>30</b>
Anestrus problems in dairy cattle	01	25	-	25	05	-	05	<b>30</b>	-	<b>30</b>
Nutritional management for milk cattle	01	32	-	32	01	-	01	<b>33</b>	-	<b>33</b>
Prevention and control of infertility in dairy cattle	01	17	-	17	04	-	04	<b>21</b>	-	<b>21</b>
Sheep and goat farming	01	27	-	27	04	-	04	<b>31</b>	-	<b>31</b>
Breed conservation and improvement	01	25	-	25	05	-	05	<b>30</b>	-	<b>30</b>



Prevention of animal from various diseases	01	35	-	35	03	-	03	<b>38</b>	-	<b>38</b>
Anestrus problems in dairy cattle	01	27	-	27	08	-	08	<b>35</b>	-	<b>35</b>
Vaccination and deworming in animals	01	24	09	<b>33</b>	01	-	01	<b>25</b>	<b>09</b>	<b>34</b>
Nutritional management for milk cattle	01	28	-	<b>28</b>	07	-	<b>07</b>	<b>35</b>	-	<b>35</b>
Role of Azolla in animal feeding	01	29	-	<b>29</b>	03	-	<b>03</b>	<b>32</b>	-	<b>32</b>
Breed improvement	01	39	-	<b>39</b>	-	-		<b>39</b>	-	<b>39</b>
Anestrus problems in dairy cattle	01	20	09	<b>29</b>	10	01	<b>11</b>	<b>30</b>	<b>10</b>	<b>40</b>
Important of mineral mixture in animal feeding	01	15	06	<b>21</b>	10	-	<b>10</b>	<b>25</b>	<b>06</b>	<b>31</b>
Role of Azolla in animal feeding	01	31	01	<b>32</b>	08	01	<b>09</b>	<b>39</b>	<b>02</b>	<b>41</b>
Vaccination and deworming in animals	01	22	-	<b>22</b>	03	-	<b>03</b>	<b>25</b>	-	<b>25</b>
Role of balance diet in dairy animals	01	35	-	<b>35</b>	01	-	<b>01</b>	<b>36</b>	-	<b>36</b>
Important of mineral	01	21	-	<b>21</b>	09	-	<b>09</b>	<b>30</b>	-	<b>30</b>



mixture in animal feeding										
Anestrus problems in dairy cattle	01	33	01	<b>34</b>	04	01	<b>05</b>	<b>37</b>	<b>02</b>	<b>39</b>
Nutritional management for milk cattle	01	29	-	<b>29</b>	03	-	<b>03</b>	<b>32</b>	-	<b>32</b>
Dairy production and management	01	17	-	<b>17</b>	11	-	<b>11</b>	<b>28</b>	-	<b>28</b>
Role of balance diet in dairy animals	01	23	01	<b>24</b>	04	-	<b>04</b>	<b>27</b>	<b>01</b>	<b>28</b>
Role of Azolla in animal feeding	01	24	-	24	02	-	<b>02</b>	<b>26</b>	-	<b>26</b>
Important of mineral mixture in animal feeding	01	28	-	28	-	-	-	<b>28</b>	-	<b>28</b>
Information about various diseases	01	29	-	29	02	-	<b>02</b>	<b>31</b>	-	<b>31</b>
Nutritional management for milk cattle	01	17	-	17	08	-	<b>08</b>	<b>25</b>	-	<b>25</b>
Vaccination and deworming in animals	01	28	-	28	08	-	<b>08</b>	<b>36</b>	-	<b>36</b>
Dairy farming	01	19	04	<b>23</b>	06	-	<b>06</b>	<b>25</b>	<b>04</b>	<b>29</b>
Role of balance diet	01	28	-	28	0	-	0	<b>28</b>	-	<b>28</b>



in dairy animals										
Role of Azolla in animal feeding	01	27	-	27	4	-	4	31	-	31
Anestrus problems in dairy cattle	01	30	-	30	6	-	6	36	-	36
Goat farming	01	18	-	18	12	-	12	30	-	30
Important of mineral mixture in animal feeding	01	24	-	24	8	-	8	32	-	32
Nutritional management for milk cattle	01	24	-	24	3	-	3	27	-	27
Vaccination and deworming in animals	01	32	-	32	01	-	01	33	-	33
Anestrus problems in dairy cattle	01	26	-	26	01	-	01	27	-	27
Dairy production and management	01	23	-	23	05	-	05	28	-	28
Role of balance diet in dairy animals	01	34	-	34	03	-	03	37	-	37
Important of mineral mixture in animal feeding	01	35	-	35	03	-	03	38	-	38
Role of Azolla in animal	01	26	01	27	03	01	04	29	02	31



feeding										
Nutritional management for milk cattle	01	29	-	<b>29</b>	-	-	-	<b>29</b>	-	<b>29</b>
Nutritional management for milk cattle	01	11	-	<b>11</b>	21	-	<b>21</b>	<b>32</b>	-	<b>32</b>
Anestrus problems in dairy cattle	01	27	-	<b>27</b>	01	-	<b>01</b>	<b>28</b>	-	<b>28</b>
Role of balance diet in dairy animals	01	34	-	<b>34</b>	-	-	-	<b>34</b>	-	<b>34</b>
Important of mineral mixture in animal feeding	01	36	-	<b>36</b>	-	-	-	<b>36</b>	-	<b>36</b>
Role of Azolla in animal feeding	01	30	-	<b>30</b>	-	-	-	<b>30</b>	-	<b>30</b>
Goat farming	01	21	-	<b>21</b>	06	-	<b>06</b>	<b>27</b>	-	<b>27</b>
Vaccination and deworming in animals	01	29	-	<b>29</b>	03	-	<b>03</b>	<b>32</b>	-	<b>32</b>
Prevention of animal from various diseases	01	28	-	<b>28</b>	<b>04</b>	-	<b>04</b>	<b>32</b>	-	<b>32</b>
Vaccination and deworming in animals	01	20	-	<b>20</b>	08	-	<b>08</b>	<b>28</b>	-	<b>28</b>
Nutritional management for milk cattle	01	09	-	<b>09</b>	17	-	<b>17</b>	<b>26</b>	-	<b>26</b>



Important of mineral mixture in animal feeding	01	18	-	<b>18</b>	06	-	<b>06</b>	<b>24</b>	-	<b>24</b>
Housing management of dairy cattle	01	10	-	<b>10</b>	15	-	<b>15</b>	<b>25</b>	-	<b>25</b>
Anestrus problems in dairy cattle	01	29	-	<b>29</b>	01	-	<b>01</b>	<b>30</b>	-	<b>30</b>
Role of Azolla in animal feeding	01	25	-	<b>25</b>	02	-	<b>02</b>	<b>27</b>	-	<b>27</b>
Anestrus problems in dairy cattle	01	27	-	<b>27</b>	03	-	<b>03</b>	<b>30</b>	-	<b>30</b>
Nutritional management for milk cattle	01	17	01	18	07	-	<b>07</b>	<b>24</b>	<b>01</b>	<b>25</b>
Vaccination and deworming in animals	01	13	01	<b>14</b>	16	-	<b>16</b>	<b>29</b>	<b>01</b>	<b>30</b>
Important of mineral mixture in animal feeding	01	15	-	<b>15</b>	18	-	<b>18</b>	<b>33</b>	-	<b>33</b>
Prevention of animal from various diseases	01	25	-	<b>25</b>	02	-	<b>02</b>	<b>27</b>	-	<b>27</b>
Role of Azolla in animal feeding	01	24	01	<b>25</b>	-	-	-	<b>24</b>	<b>01</b>	<b>25</b>
Dairy production and	01	20	05	<b>25</b>	03	02	<b>05</b>	<b>23</b>	<b>07</b>	<b>30</b>

management										
<b>TOTAL</b>	<b>84</b>	<b>2076</b>	<b>42</b>	<b>2118</b>	<b>516</b>	<b>06</b>	<b>522</b>	<b>2592</b>	<b>48</b>	<b>2640</b>

**4.3. AATMA SPONSORED ACTIVITY**

Area of training	No. of courses	No. of participants								
		General/OBC			SC/ST			Grand Total		
		M	F	T	M	F	T	Male	Female	Total
GOAT FARMING	01	19	-	19	11	-	11	30	-	30
GOAT FARMING	01	29	02	31	03	-	03	32	02	34
Total	02	48	02	50	14	-	14	62	02	64

**PART V-EXTENSION ACTIVITIES****5.1 Animal Treatment Camps: Nil**

S. No.	Title	Place	Date	No. of participants		
				Male	Female	Total
-	-	-	-	-	-	-

**5.2 VicharGosthi: 01**

S. No.	Title	Place	Date	No. of participants		
				Male	Female	Total
1	Value of Vaccination	Lunkaransar	27-04-2019	29	-	29

**5.3 Farmer-Scientist Interaction: Nil**

S. No.	Title	Place	Date	No. of participants		
				Male	Female	Total
-	-	-	-	-	-	-

**5.4 Field Day (If any): Nil**

S. No.	Title	Place	Date	No. of participants		
				Male	Female	Total
-	-	-	-	-	-	-

**5.5 Exhibition: 01**

S.	Title	Place	Date	No. of participants		
				Male	Female	Total



1	District level kishanmela	Lunkaransar	07-03-	132	27	159

**5.6 Other Activities (If any, other than 1 to 7): 01**

A free vaccination camp was organized for Rabies in dogs with collobration of I<sup>st</sup> grade government veterinary hospital, Lunkaransaron occasion of **WORLD**

**VETERINARY DAY**

S. No.	Title	Place	Date	Total no. of animal vaccinated
1	Value of vaccination	Lunkaransar	27-04-2019	19

**5.7 Participation in Conference/ Symposium/ Workshops/Meetings/Trainings/other: 03**

S. No.	Name of conference	Place
1	National Symposium on “Newer Concepts and Approaches for Improvement in Animal Health and Production” ( 13-14 Dec.2018)	CVAS, Navania
2	National Symposium on “Holistic Approach in Veterinary Medicine for Better Animal Health to Meet Challenges of One Health Mission” and 37 <sup>th</sup> Annual Convention of Indian Society for Veterinary Medicine during 1-3th February, 2019	RAJUVAS, Bikaner
3	Attend 5 <sup>th</sup> Extension Education Council meeting on 15 <sup>th</sup> March, 2019	RAJUVAS Bikaner

**5.8 Research Paper published in International/ National Journals: Nil****5.9 Popular Article Published: 04****5.10 Radio / TV Talk delivered: Nil****5.11 Newspaper coverage: 21****5.12 Farmer benefited by PD ATMA for Azolla subsidy**

No. of benefited farmer						
General/OBC			SC/ST			Grand Total
Male	Female	Total	Male	Female	Total	
11	03	13	02	-	02	15

## PART VI – LINKAGE

### 6.1 Functional linkages with different organizations

S. No.	Name of organizations	Nature of linkages
1	I-Grade Veterinary Hospital, Lunkaransar	Involvement of V.O. in organizing VUTRC activities
2	UrmulTrust, Lunkaransar	Involvement in training programmes
3	Veterinary Unit, Lunkaransar	Involvement in training programmes
4	Department of Agriculture	Involvement in training programmes
5	Department of Agri. Tech. Centre	Involvement in training programmes
6	ATMA (Agri. Tech. Manage. Agency)	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.

### ON AND OFF CAMPUS TRAINING





## NEWS ABOUT VUTRC, LUNKARANSAR

**पशुपालन में संतुलित आहार व प्रबन्धन का बताया महत्व**



लूणकरनसर के अनुसंधान केन्द्र पर पशुपालकों को प्रशिक्षण देते हुए।

**पत्रिका न्यूज़ नेटवर्क**  
rajasthanpatrika.com

लूणकरनसर, यहां पशु चिकित्सा एवं पशु विज्ञान विश्वविद्यालय के प्रशिक्षण एवं अनुसंधान केन्द्र लूणकरनसर द्वारा छतरगढ़ के पशुपालकों को एक दिवसीय प्रशिक्षण शिविर का आयोजन किया गया।

केन्द्र के विशेषज्ञ डॉ. हेमन्त कुमार जेदिया ने पशुपालकों को पशुओं में संतुलित आहार, पशु पोषण में मिनरल मिक्चर का महत्व बताया। उन्होंने वैज्ञानिकी तकनीक से अजोला घास लगाने व उसके महत्व के बारे में बताया। प्रशिक्षण शिविर के दौरान छतरगढ़ के पशु चिकित्सालय प्रभारी डॉ. खरें, हसन खां, बागाराम, पीरू खां समेत कई लोग मौजूद थे। प्रशिक्षण शिविर के दौरान प्रशिक्षण केन्द्र के पशुधन सहायक दिलीप सिंह ने अजोला घास व पशुपालन नए आयाम पत्रिका वितरण किया गया।

**पशु-प्रबंधन पर ध्यान दें तो बढ़ेगा दुग्ध उत्पादन**

लूणकरनसर @ पत्रिका. राजस्थान पशु चिकित्सा, पशु विज्ञान विवि के प्रशिक्षण-अनुसंधान केन्द्र लूणकरनसर की ओर से शुक्रवार को कपूरीसर में एक दिवसीय पशुपालक प्रशिक्षण शिविर आयोजित किया गया। इसमें पशुपालकों को पशुओं का उन्नत तकनीक से रखरखाव, प्रबंधन की जानकारी दी। केन्द्र के पशु पोषण विशेषज्ञ डॉ. हेमन्त जेदिया ने बताया कि पशु के स्वास्थ्य व दूध उत्पादन में संतुलित आहार का विशेष महत्व है। संतुलित आहार से पशु के दुग्ध उत्पादन में वृद्धि होती। स्वास्थ्य भी ठीक रहता है। उन्होंने पशुओं में संतुलित आहार, मिनरल मिक्चर, पशु टीकाकरण के फायदे बताए। डॉ. राजकुमार ने पशुओं में कृत्रिम गर्भाधान, मौसमी बीमारियों से बचाव की जानकारी दी। पशुधन सहायक दिलीप सिंह ने अजोला घास लगाने के बारे में जानकारी दी।

## पशुओं में होने वाली बीमारियों के बारे में बताया

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मंडी 465 आरडी. मंडी के निकटवर्ती ग्राम पंचायत एक डीएलएसएम में पशु चिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केन्द्र लूणकरणसर द्वारा एक दिवसीय प्रशिक्षण शिविर का आयोजन हुआ।

चिकित्सक हेमंत जेडिया ने पशुओं में टीकाकरण, सन्तुलित आहार के बारे में

समझाया तथा अजोला घास तकनीकी के बारे में जानकारी दी।

इस प्रशिक्षण में आए आस-पास के पशुपालकों ने पशुओं में होने वाली बीमारियों के बारे में जानकारी प्राप्त की। इस दौरान पंचायत के सरपंच नरेश कुमार लूणा, पशुधन सहायक दिलीप सिंह, नेतराम लूणा, बच्चनसिंह, पूनमचंद गोरा, आशाराम बेनीवाल आदि उपस्थित रहे।

## बकरी पालन से आजीविका बढ़ाएं

लूणकरणसर @ पत्रिका. यहां राजस्थान पशु चिकित्सा एवं पशु विज्ञान विश्वविद्यालय के प्रशिक्षण एवं अनुसंधान केन्द्र लूणकरणसर के तत्वावधान में आत्मा (कृषि प्रबन्धन प्रौद्योगिकी अभिकरण) योजनान्तर्गत बकरी पालन व्यवसाय विषय पर गुरुवार दो दिवसीय प्रशिक्षण शिविर का समापन हुआ। प्रशिक्षण के शुभारम्भ पर केन्द्र के प्रभारी अधिकारी डॉ. राजकुमार बैरवाल ने कहा कि बकरी पालन एक उत्तम व्यवसाय है। उन्होंने कहा कि उन्नत

तकनीक व प्रबन्धन से बकरी पालन से अच्छी आमदनी ले सकते हैं। उन्होंने बकरी पालन पर आवास प्रबन्धन पर विस्तार से जानकारी दी। डॉ. अनिल घोड़ेला ने बकरी प्रजनन व बकरियों की नस्लों के बारे में समझाया। डॉ. हेमन्त कुमार जेडिया ने बकरियों के पोषण एवं बकरियों में होने वाली बीमारियों के बारे में बताया। शिविर में 30 पशुपालकों ने भाग लिया। केन्द्र के पशुधन सहायक दिलीप सिंह ने पालकों को केन्द्र परिसर का भ्रमण करवाकर जानकारी दी।

## उन्नत तकनीक की जानकारी दी

लूणकरणसर. राजस्थान पशु चिकित्सा एवं पशु विज्ञान विश्वविद्यालय के प्रशिक्षण एवं अनुसंधान केन्द्र लूणकरणसर के पशुपालकों को पशुपालन व्यवसाय में उन्नत तकनीक को लेकर प्रशिक्षण दिया गया। केन्द्र के पशुपोषण विशेषज्ञ डॉ. हेमन्त कुमार जेडिया ने पशुपालकों को पशुओं को संतुलित आहार खिलाने के फायदों की जानकारी दी। प्रशिक्षण में पशुओं में कृत्रिम गर्भाधान तकनीक को समझाया तथा अजोला घास के फायदे बताते हुए लगाने की विधि बताई। पशुधन सहायक दिलीपसिंह ने अजोला घास व पशुपालन नए आयाम पत्रिका वितरण किया।

## पशुपालकों को डेयरी व्यवसाय की जानकारी दी उन्नत तकनीक से दुग्ध व्यवसाय अपनाएं



लूणकरणसर में अनुसंधान केन्द्र पर पशुपालकों को जानकारी देते चिकित्सक।

पत्रिका न्यूज़ नेटवर्क

patrika.com

लूणकरणसर. यहां पशु चिकित्सा विश्वविद्यालय के अनुसंधान केन्द्र एवं प्रशिक्षण केन्द्र पर गुरुवार को चिकित्सकों ने पशुपालकों को एक दिवसीय प्रशिक्षण में विभिन्न जानकारी दी। केन्द्र के प्रभारी डॉ. राजकुमार बेनीवाल ने पशुपालकों को डेयरी टेक्नोलॉजी के बारे में विस्तार से बताया। उन्होंने कहा कि परम्परागत तरीके से किया जाने वाला पशुपालन व दुग्ध उत्पादन

व्यवसाय आज की स्थिति में फायदमंद नहीं है। उन्होंने डेयरी की उन्नत तकनीक के दुग्ध व्यवसाय अपनाने का आह्वान किया। डॉ. महिपाल काजला, डॉ. मनीष सोनगरा व डॉ. अनिल घोड़ेला ने वार्ता में पशुपालन से सम्बन्धित जानकारी दी। सेवानिवृत्त सहायक कृषि अधिकारी राजेन्द्र ने पशुपालकों को पशुपालन व कृषि के सम्बन्ध में व्याख्यान दिया। प्रशिक्षण शिविर में आस-पास के क्षेत्र से बड़ी संख्या में पशुपालकों ने भाग लिया।

# **Veterinary University Training & Research Centre (VUTRC)**

## **Bakalia**

## **(Nagaur)**



## **ANNUAL PROGRESS REPORT 2018-19**

**(April 1, 2018 to March 31, 2019)**



## **VETERINARY UNIVERSITY TRAINING & RESEARCH CENTRE**

**Rajasthan University of Veterinary & 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 <sup>th</sup> February 2013   |
| 6. Period of Report                 | - | 1 <sup>st</sup> April 2018 to 31 <sup>st</sup> March 2019                 |
| 7. Principal Investigator           | - | Prof. (Dr) A.P Singh,<br>Director Extension Education,<br>RAJUVAS,Bikaner |

### **INTRODUCTION**

The Veterinary University Training & Research Centre is functioning at Bakalia (Ladnu) district Nagaur and the Building, being the first centre under VUTRC of RAJUVAS and the laying down the stone of VUTRC building was done on 9<sup>th</sup> February 2013 by the The Hon'ble Minister of Agriculture, Animal Husbandry and Fisheries Shri Harji Ram Ji Burdak, Hon'ble Vice Chancellor, Prof. (Dr) Col. A. K. Gahlot, Director Animal Husbandry Dr. Rajesh Maan and large number of district authorities, Officials of RAJUVAS Ladnun is a Tehsil headquarters of Nagaur district and the institute is It is situated 5 km away from the city centre (Ladnun) on NH -65.

Nagaur District is situated between 26°25' & 27°40' North Latitude & 73°.10' & 75°.15' East Longitude. district is located in Central Rajasthan, with Bikaner and Churu to its North, Sikar and Jaipur on the East, Ajmer and Pali on the South and Jodhpur to its West .

Bakalia is a Village in Ladnu Tehsil in Nagaur District of Rajasthan State, India.. Ladnun has a dry climate with a hot summer from March till June. The maximum temperature recorded in the city is 47°C with 0°C as the lowest recorded temperature. The winter season extends from mid November till the beginning of March. Rainy season is of a short during from July to mid September.

## TEHSILS OF NAGOUR DISTRICT



The district with headquarter at Nagaur is divided into 13 Tehsils, viz Nagaur, Khinwsar, Ladnu, Mertacity, Degana, Nawa, Didwana, Parbatsar, Makrana & Jayal. New 3 Tehsils as Mundwa, riyani badi and Kuchaman city. It has 14 blocks, 467 gram panchayats, 10 Nagarpallika, 12 towns and 5 regulated markets.

A baseline survey of Nagaur district has been already completed. A total of 1448 farmers of 55 Gram Panchayats in 11 Panchayat Samities of Nagaur district were surveyed. During this survey the major problems of livestock were diarrhoea, low milk yield, repeat breeding, enterotoxaemia, FMD, pica, Urinary calculi etc

Veterinary University Training and Research Centre, Bakalia, Ladnun, Nagaur centre was established in the year of 2012-2013 with the motto “Reaching the Unreached”. It is situated 5 km away from the city centre (Ladnun) on NH -65 . The total area of VUTRC Centre is 10 beegha.



## **DETAILS OF DISTRICT**

### **DISTRICT AT A GLANCE – NAGOUR DISTRICT, RAJASTHAN**

S No	Item	Information
1	<b>GENERAL INFORMATION</b>	
	(i) Geographical area (sq km)	17718
	(ii) Administrative Division (As on 31.3.2007)	
	Number of Tehsils	13
	Number of Blocks	14
	Number of Villages	1490
	(iii) Population (As per 2001 Census)	2773894
2	(iv) Average Annual Rainfall (1971-2005)	410 mm
	<b>GEOMORPHOLOGY</b>	
	Major Physiographic Units	Sand Dunes, Alluvial plains, Ridges and Hillocks.
3	Major Drainage	Luni River
	<b>LAND USE (sq km)</b>	
	(a) Forest Area	182
	(b) Net Sown Area	12542
4	(c) Cultivable Area	13554
	<b>MAJOR SOIL TYPE</b>	Red desertic soils, Desert soils, Sand dunes, Lithosol and regosols of hills, Saline soils
5	<b>AREA UNDER PRINCIPAL CROPS (AS ON 2005-06)</b>	<b>Crops</b>
		<b>Area in ha</b>
		Bajra
		461800
		jowar
		53800
		pulses
		42600
		Guar
		155800
		Till
		10800
		G. Nut
		18270
		Wheat
		76384
		gram
		17454
		Mustard
		98538
		Cotton
		9200

### **1. 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	deerajuv@gmail.com

**e) Staff Position: (As on 31th March, 2018)**

SN	Name of Post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)/month	Date of joining	Permanent /Temporary
1.	Assistant Professor	Dr.AtulShan ker Arora	Incharge	Animal Husbandary Extension Education	15600-39100+6000	04 <sup>th</sup> Dec 2017	Permanent
2.	Teaching Associate	*Dr. Parmjeet	Teaching Associate	Veterinary Medicine	40,000	01 <sup>st</sup> may 2017	Temporary
3.	Teaching Associate	*Dr. Gaurav Kumar Jain	Teaching Associate	Veterinary Medicine	40,000	12 <sup>th</sup> July 2018	Temporary
4.	Supportive Staff	* Skilled Worker	-	-	8500	1 <sup>th</sup> Dec 2017	Temporary
5.	Supportive Staff	*Unskilled Worker	-	-	7800	1 <sup>st</sup> April 2016	Temporary

\* Contractual

**2. Objectives of VUTRC**

1. To Impart Training, enhance awareness and to conduct demonstration regarding breeding, feeding, management and health care various species of animals to enhance animal productivity.
2. To disseminate technology at grass root level for improvement in animal productivity as well as socio-economic status of rural masses.
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 through various extension activity including literature for quick dissemination of technology.
5. To assess and refine the latest technologies developed under control condition in field for their wider adaption and collecting feedback information from field and generate production date of livestock farming.

6. To have provision of services for Animal diseases diagnosis and treatment testing of feed and fodder as well as animal products.

### 3. 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

#### 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		In Working Condition
Computer	2013-14	02	Transferred from office of DEE Bikaner in Dec 2015		In Working Condition
Printer	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015		In Working Condition
Public Address System Mike and Speaker	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015		In Working Condition
LCD Projector	2013-14	01	Transferred from office of DEE Bikaner		In Working Condition

			in Dec 2015		
Xerox Machine	2013-14	01	Transferred from office of DEE Bikaner in Dec 2015		Not Functional Condition
Inverter Battery	2016-17	01	Transferred from office of DEE Bikaner in Nov.2016		In Working Condition
Monitor LCD 40 Inch Full HD	2016-17	01	Transferred from office of DEE Bikaner in March 2017		In Working Condition

#### 4. Technical Achievements

**a. Survey Report:** Submitted to DEE RAJUVAS

#### 5. Trainings:

**a. Off Campus trainings:**

Period	No. of Activity	No. of participants		
		Male	Female	Total
April – 2018	06	181	01	182
May – 2018	09	206	84	290
June – 2018	08	177	16	193
July – 2018	09	199	86	285
August – 2018	07	206	14	220
September-2018	07	161	35	196
October-2018	07	125	08	133
November-2018	05	121	27	148
December-2018	05	151	08	159
January-2019	07	88	151	239
February-2019	07	127	47	174
March -2019	07	190	09	199

**b. On Campus trainings:**

Period	No. of Activity	No. of participants		
		Male	Female	Total
May – 2018	01	13	00	13
July – 2018	01	23	05	28
September-2018	01	22	00	22
October-2018	01	16	00	16
December-2018	01	10	00	18
January-2019	01	20	00	20
February-2019	01	29	00	29

**c. Vichar Gosthi**

Period	No. of Activity	No. of participants		
		Male	Female	Total
May – 2018	01	18	00	18
July – 2018	01	17	00	17
August – 2018	01	10	23	33
October-2018	01	15	00	15
December-2018	01	15	00	15

**6. Exhibition:**

Period	No. of Activity	No. of participants		
		Male	Female	Total
March -2019	01	28	110	138

**7. Advisory Services 2018-2019**

S.No.	Month	No. Of Activities	Male Benifited	Female Benifited	Total
1.	April 2018	01	17	00	17
2.	May 2018	03	52	00	52
3.	June 2018	07	109	03	112
4.	July 2018	03	50	03	53
5.	August 2018	08	22	04	26
6.	September 2018	03	22	00	22
7.	October 2018	07	32	03	35

8.	November 2018	07	22	00	22
9.	December 2018	03	14	00	14
10.	January 2019	04	23	02	25
11.	February 2019	02	22	00	22
	<b>Total</b>	<b>48</b>	<b>385</b>	<b>15</b>	<b>400</b>

### **TRANSFER OF TECHNOLOGY 2018-19**

#### **1. Other activities (if any other than 1-7):**

- a. Delivered a Lecture and Exhibition with Animal Husbandry in Block level Seminar and Exhibition Sunari Village on 28.03.2019.
- b. Farm Advisory Services and Five Success Stories Covered.

#### **2. Participation in conference/Symposium/Workshops/Meetings/Trainings/others:**

- a. Attended Extension education council meeting Bikaner held on 15<sup>th</sup> March 2019
- b. Attended Conference of ISVM From 1<sup>st</sup> to 3<sup>rd</sup> Feb 2019 at CVAS Bikaner.
- c. Performing duties as external examiner and observer in AHDP External examination.
- d. Attended and participated in Training and Goushala Visit at Gram Udhog Sangh Bikaner on 13<sup>rd</sup> January 2019.
- e. Attended and participated in MILAN 2018 on 13.07.2018 at RAJUVAS Bikaner.

#### **3. Research paper published in international/National Journals: 07**

### **TRAINING AND ACTIVITIES CONDUCTED BY CENTRE**

S. No.	Village Name	Mob. No.	Name of Technology	Date of Demo	No. of farmers participated	Feed back
1	Baldu	9772193103	Urea Treatment of Wheat Straw	01.06.18	10	Positive
2	Baded	7412063927	Urea Treatment of Wheat Straw	05.07.18	10	Positive
3	Kasumbi	9649525255	Urea Treatment of Wheat Straw	07.08.18	06	Positive
4	Kasumbi	7569256040	Urea Treatment of Wheat Straw	08.09.18	04	Positive
5	Bakalia	9950134343	Urea Treatment of Wheat	03.10.18	10	Positive

			Straw			
6	Bakalia	9549802563	Urea Treatment of Wheat Straw	10.11.18	06	Positive
7	Bakalia	9664341156	Azola Production	24.12.18	17	Positive
8	Bakalia	7665708413	Urea Treatment of Wheat Straw	03.01.19	08	Positive
9	Dujjar	8058419273	Urea Treatment of Wheat Straw	06.02.19	20	Positive
10	Bakalia	9983226493	Urea Treatment of Wheat Straw	22.02.19	07	Positive



**EXHIBITION****TECHNOLOGY TRANSFER:-UREA TREATMENT OF DRY FODDER****DEMONSTRATION OF AZOLLA PRODUCTION UNIT**

## FARM ADVISORY SERVICES AND SUCCESS STORIES COVERED



## PUBLICATION



### **MERA GAON MERA GAURAV- 2018-2019**

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 Ladhun 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, Ghosthis 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- 2018-2019**

S. No.	Name of MGMG Selected Village	Date of Visit/ Extn Work/ Ghosthis	No. of farmer's contacted
1	<b>Dujjar</b>	19.05.2018	18
2	<b>Dujjar</b>	27.07.2018	17
3	<b>Dujjar</b>	20.08.2018	33
4	<b>Dujjar</b>	01.10.2018	15
5	<b>Dujjar</b>	24.12.2018	15
6	<b>Dujjar</b>	16.01.2019	08
7	<b>Dujjar</b>	06.02.2019	20
8	<b>Dujjar</b>	11.03.2019	05

**Total No. of Farmers contacted= 131**



# **Veterinary University Training & Research Centre (VUTRC)**

## **Jodhpur**



### **ANNUAL PROGRESS REPORT 2018-19**

**(April 1, 2018 to March 31, 2019)**



### **VETERINARY UNIVERSITY TRAINING & RESEARCH CENTRE**

**Rajasthan University of Veterinary & Animal Sciences**  
**Bikaner-334001**

## RAJASTHAN UNIVERSITY OF VETERINARY & ANIMAL SCIENCES, BIKANER

1. Project Title	-	VUTRC Jodhpur
2. Location	-	-
3. Area of Jurisdiction	-	Jodhpur District
4. Date of Sanction	-	2017
5. Date of Commencement of VUTRC	-	1 <sup>st</sup> April 2018
6. Period of Report	-	1 <sup>st</sup> April 2018 to 30 <sup>th</sup> April 2019
7. Principal Investigator	-	Prof. (Dr) A. P. Singh, Director Extension Education

### GENERAL INFORMATION ABOUT THE JODHPUR

#### a. Map of the Jodhpur



#### b. History of Jodhpur

Jodhpur District is a district in the State of Rajasthan in western India. The city of Jodhpur 'Sun City' is the administrative headquarters of the district. As of the 2011 census, it is the second highest populated district of Rajasthan (out of 33), after Jaipur district. Jodhpur is the historic center of the Marwar region. The district contains Mandore, the ancient capital of the Pratihara Rajput kings (6th-13th centuries), and the Pratiharas' temple city of Osian. Jodhpur was founded in the 15th century by Rao Jodha, and served as the capital of the kingdom of Marwar under the Rathore dynasty until after Indian Independence in 1947.

**c. Geographical Status**

Jodhpur district is among the largest districts in the state of Rajasthan. It is centrally situated in the western region of the state, and covers a total geographical area of 22850 Sq. Km. Jodhpur district lies between 26 degrees 0 minutes and 27 degrees 37 minutes north latitude and 72 degrees 55 minutes and 73 degrees 52 minutes east longitude. It is bounded by Nagaur in the east, Jaisalmer in the west, Bikaner in the north and Barmer and Pali in the South. The total length of the district from north to south is about 197 Km and from east to west it is about 208 Km. The district of Jodhpur lies at a height of 250-300 metres above sea level.

**d. Topography**

This district comes under the arid zone of the Rajasthan state. It covers 11.60 percent of the total area of the arid zone of the state. Some of the areas of the great Thar Desert in India also comes within the district. The general slope of the terrain is towards west. Extreme heat in summer and cold in winter is the characteristic of the desert. Jodhpur is no exception.

There is no perennial river in the district. However, there are important rivers in the district viz. Luni River and Mithri River though their base is saline water. Main sources of irrigation besides rainwater are dug-wells and tube-wells. The highest-irrigated area in the district is in Bilara Tehsil followed by Bhoplgarh and Osian tehsil.

The soil of the district is classified mainly as sandy and loamy. Bajra (pearl millet) is the major crop in the Kharif season. Jodhpur has excellent ground water in many parts of the district. In Rabi, wheat, pulses and a variety of spices like Cumin (jeera), Coriander (dhania) and red chilli are also grown. Jodhpur is well known for its red chilli, onion and garlic. It is one of the major production centres for Guar. The major and important minerals of the district are sandstone and limestone. Fawn and red coloured sandstone of the district is very popular and found in abundance. Besides this, building stones, stone-slabs and flagstones are mined in the district on a regular basis. Minerals like quartz and clays of various colours and dolomite are also available in the district.

On account of the arid climate, a rather negligible percentage of the total reporting area for the land use in the district is covered by forests. Due to sandy soil only scrub and thorny bushes of vegetation are found in the forest areas of the district. The main species of trees are Kumat, Kair, Khejri, Babul, Bir, Jal khara, Pilu etc. Fruit bearing trees are pomegranates and guavas. The fauna of the district includes jackal, Jungle Cat, Indian Fox, Black Buck, Chinkara, common Hare, etc. The birds commonly found are Baya,

koyal, parrot, Vulture, Jungle Crow, bulbul, House Sparrow, Kite, Sand Grouse, Common quail, grey partridge, little egret, etc.

**e. Climate, Temperature and Rainfall**

The climate of Jodhpur is generally hot and arid but with a rainy season from late June to September. Although the average rainfall is around 360 millimetres (14 inch), it is extraordinarily variable. The temperature varies from 49 degrees in summer to 1 degree in winter. The Sandstorm (andhi) is a spectacle for people from other regions of India. The rainy days are limited to a maximum of 15 in a year. Temperatures are extreme throughout the period from March to October, except when monsoonal rain produces thick clouds to lower it slightly. During these periods of heavy rain, however, the generally low humidity rises and this adds to the normal discomfort from the heat.

**f. Forest, Flora and Fauna**

Only 6948 hectares of the total reported area of land use in the district was covered with forests in 1999-2000. The forest area is available around the hills and is classified as any scrub thorn forest. Due to the sandy soil and dry climate of the district, only shrub and thorny bushes of vegetation are found in the forest areas of the district. The main species of trees are Vilayati Khejri (Prosopis - juliflora) and Kumat.

**g. Water Resources**

Balsamand Jheel is located in the north of Jodhpur City. Kailana Tank and Ummed Sagar are notable water reservoirs. There are two natural springs in the district namely the Beri Ganga and Ban Ganga. Besides, some of the important Tanks are Soorpura and Golejor bandhs, Pichiyak (Jaswant Sagar) and Birai Tank, which are maintained by the irrigation department.

**h. Geology and Minerals**

The district has ample stores of mineral wealth. The sand used in construction is found in abundance in Jodhpur Tehsil. Apart from this sandstone, 'Chhitar Stone' and Brown Stone are also found in rich quantity. Chhitar stone is being used mainly for the construction of roofs. Stone slabs, which are being used for the construction of buildings, are found near Jodhpur City and Balesar.

Some mines of marble stone dolomite are found in Phalodi Tehsil. The mineral and the stone used for Emery Stone is found in Bhopalgarh. White clay is found near Pipar City, which is being used as a paste to join two stones. There are 156 quarries of lime stone. The limestone is being used in lime, cement, rubber, steel and chemical works. Apart from this quarries of Jasper are also found in the district.

**i. Climate**

The climate of the district is characterized by extremes of temperature, and uncertain rainfall and dryness. The winter season, which is spread over from November to March, is followed by summer, lasting from April to June. The period from July to mid-September forms the south-west monsoon season.

On the whole, the climate of the district is dry but healthy. During, hot season winds blow in the day but nights are generally cool and pleasant. There are two meteorological observatories in the district, one each at Jodhpur and Phalodi which represent the weather conditions of south-eastern and north-western portions of the district.

**j. Natural Economic Resources Soil**

The Central Arid Zone Research Institute (CAZRI) and the State Soil Survey Department has classified eleven types of soil in the district. Main seven types of Soil are given below:

1. Soil which is deep to very deep and has an excess of seepage of water. Areas of sand dunes
2. Deep Sandy Soil which has excess of seepage of water.
3. Deep light texturized soil, which has a capacity to preserve some moisture but erosion of soil takes place due to wind.
4. Normal to medium deep texturized soil which has sufficient capacity to preserve moisture.
5. Plain shallow rocky soil, which is uncultivable.
6. Deep texturized land with moisture, which is saline and where the level of ground water is high.
7. Very deep, light texturized fertile soils.

**k. Crop Pattern**

Agricultural activities in the district are mainly dependent on the rains. Kharif is the main crop of the district. Rabi crop is mainly cultivated in Bilara, Bhopalgarh and Osian Tehsils only.

Bajra, Moong, Moth, Sesamum (Til), Jowar and Cotton to some extent are the main crops of Kharif whereas wheat, Barley, Gram, Mustard, Raida, Taramira etc are the main crops of Rabi in the district. Only 15 per cent of the cultivable land is sowed due to scarcity of irrigational facilities.

### **l. Irrigation**

There is no perennial river in the district. The level of ground water does not rise due to low and scanty rains in the district. Due to the excessive extraction of ground water, its level is going down day by day. The natural sources of water Viz. River, tanks etc are very few. On the other hand, due to high-rate of evaporation irrigation is done with much difficulty. The main sources of irrigation are wells and few tanks constructed during the princely regime. Among the tanks suitable for irrigation purposes, Soorpura tank and Pichiyak (jaswant sagar) are worth mentioning; small tanks however, are available in many villages of the district but are dried up due to insufficient rains

### **m. Administrative Profile**

Administrative profile has 16 Panchayat Samities viz. Balesar, Bap, Bapini, Bawadi, Bhopalgarh, Bilara, Dechu, Lohawat, luni, Mandore, Osian, Peepad city, Phalodi, Sekhala, Sergarh, and Tinwari. It has 13 Tehsil and 10 Vidhan sabha Constituencies. District has 467 Gram Panchayats with total of 1837 villages in all.

### **n. Animal Husbandry**

Livestock rearing plays very important role in the peasant economy of Dungarpur. According to 2012 census the district has 848343 Cattle, 305238 female and male buffaloes, 731229 sheep, 1681913 goats with total livestock population 3590264. The cattle of area are of the Tharparkar breed where as buffaloes and goats are of non descriptive breed. About 80 % of the cattle's are considered unproductive and return from this sector is very low. There is need to take up numbers of activities related to upgrading cattle population as overall productivity is very low and very little work has been done in past in this direction. There are 1 Polyclinic, 126 Veterinary hospitals 113 Sub centers in the District.

### **o. Total Land:-**

- Land allotted in Gram Geva Khasra No. 8 which is 5 km away from Jodhpur.
- Total land allocation is around 5 Bigha.
- Building construction is under process.

### **p. Mandate:**

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.

**q. Thrust Area:**

- To increase the productivity of Livestock’s viz. cattle, Buffalos, Goats and camel.
- Improvement in local breed of cow and buffaloes through scientific breeding, artificial insemination (AI), feeding and management.
- Promotion of feeding technologies in watershed areas of the district.
- Diversification of existing livestock pattern by expanding area.
- Popularization of azolla feed suppliment, vaccination, artificial insemination technologies in livestock’s as per need based assesment.
- Introduction to drudgery reducing measures in animal husbandry activities especially for women through improvement in health, hygiene and nutrition status of rural families and formation of Self Help Groups.
- Organize vocational training’s for rural youths on dairy management, poultry farms, goat & sheep farms raising and repair and maintenance of VUTRC.

**r. VUTRC Building:-**



**1. 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, Kaliberi, Soorsagar, Jodhpur (Raj.), Pincode- 342024	+919950854959 0291-2780910	-	vutrcjodhpur.rajuvas@gmail.com sudeepdrsolkanki@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 Principal Investigator with phone & mobile No:**

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

**1.4. Year of sanction :** Oct 2017**1.5. Staff Position :( as on 31<sup>th</sup> March, 2019)**

S N	Name of Post**	Name of the incumbent	Designation	Disci- pline	Pay Scale (Rs)	Date of joining	Permanent / Temporary
1	Assistant** Professor	-	-	-	-	-	-
2	Teaching Associate	Dr. Amit Kumar Chotiya	-		40000/ month	Nov 2017	Temporary
3	Teaching Associate	Dr. Mahendra Pal Poonia			40000/ month	Jan,2018	Temporary
4	Computer Operator	Contractual			10425/ month	Nov 2017	
5	Computer Professional Service				13455/ month	June 2018	

\*\* Dr Sudeep Solanki Assistant Professor VUTRC Sirohi is holding additional charge of this post

**1.6. Total land with VUTRC :** 5 Bigha Land at Gram Geva of Jodhpur.**1.7. 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
1.	Administrative Building	RAJUVAS Bikaner	-	-	-	Dec 2017	-	Work in Progress

**B) Vehicles**

Type of vehicle	Year of purchase	Cost (Rs)	Total hours run	Present status
Hired	-	20000/ month	-	Running

\* (AC drawn, bills due)

**C) Equipments & AV aids purchased reporting period**

Name of the equipment	Year of purchase	Number	Cost (Rs)	Source of funding	Present status
Projector	2017	01	Transferred from office of DEE Bikaner in Oct 2018	RAJUVAS BKN	In Working Condition
Computer	2018	01	Transferred from office of DEE Bikaner in Oct 2018	RAJUVAS BKN	In Working Condition

**PART II – LINKAGE****2.1 Functional linkages with different organizations**

S. No.	Name of organizations	Nature of linkages
1	Joint Director Animal Husbandry, Jodhpur	Involvement of Training and other activities

**PART III - TECHNICAL ACHIEVEMENTS**

- Survey Report:** Total Survey work of 66 villages is completed.
- Off Campus Trainings:**

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April 2018	04	135	02	137
May 2018	06	204	00	204
June 2018	06	150	45	195
July 2018	08	182	51	233
August 2018	06	201	00	201

September 2018	06	179	04	183
October 2018	06	214	02	216
November 2018	06	176	04	180
December 2018	06	157	28	185
January 2019	06	132	40	172
February 2019	06	108	64	172
March 2019	06	89	91	180
April 2019	10	144	95	239

### 3. Animal Treatment Camp

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April 2019	01	21	03	24

### 4. Vichar Gosthi

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April 2019	01	17	02	19

### 5. Field Day

Period	No. of Activity	No. of Participants		
		Male	Female	Total
April 2019	01	07	00	07

### 6. News Paper Coverage: 40

**Action photographs of Off Campus Trainings by the scientist of VUTRC Jodhpur**

## चौपासनी में पशुपालन प्रशिक्षण शिविर

महान्या. क्षेत्र के चौपासनी ने पशुओं में होने वाले प्रमुख चिकित्सक डॉ. महेंद्रपाल पुनिया ने चारणान ग्राम में पशुपालन प्रशिक्षण शिविर में पशुपालकों को उन्नत पशु प्रबंधन के तरीके सुझाए गए। पशु चिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केंद्र के तत्वावधान में पशुपालक प्रशिक्षण शिविर शुरू हुआ। जिसमें पशुचिकित्सक डॉ. अमित चोटिया ने पशुओं में होने वाले प्रमुख रोगों के उपचार के बारे में जानकारी दी। शिविर में चौपासनी सरपंच जयनारायण गहलोत, पशु सहायक जगपाल, पतापराम, प्रमोद, परिहार, सुमेर, धनुषविमला गहलोत, तैनासिंह समेत कई पशुपालकों ने भाग लिया।

## प्रशिक्षण शिविर में पशुपालकों को रोगों से बचाव की दी जानकारी

जोधपुर। ग्राम करानी में पशु चिकित्सा विश्वविद्यालय एवं अनुसंधान केंद्र की ओर से मंगलवार को एक दिवसीय प्रशिक्षण शिविर आयोजित कर पशु पालकों को पशुओं में होने वाली विभिन्न बीमारियों से बचाव को लेकर जानकारी दी गई। शिविर में डॉ. अमितचोटिया ने पशु रोग से होने वाले नुकसान को रोकने के उपाय बताए। डॉ. महेंद्रपाल पुनिया ने पशुओं में कुपोषण की समस्या एवं बचाव की जानकारी दी। शिविर में 36 पशुपालकों ने भाग लिया।



## पशुओं में नस्ल सुधार कर दुग्ध उत्पादन पर दिया जोर



पशु चिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केंद्र की ओर से रूपावतों का बेरा में पशुपालक प्रशिक्षण शिविर आयोजित किया गया। डॉ. अमित चोटिया ने उन्नत पशुपालन तकनीक अपनाने के लिए पशुपालकों को प्रेरित किया। डॉ. महेंद्रपाल पुनिया ने नस्ल सुधार कर दुग्ध उत्पादन बढ़ाने पर जोर दिया। इस शिविर में 26 पशुपालकों ने भाग लिया।

## प्रशिक्षण शिविर में 30 पशुपालकों ने लिया भाग

जोधपुर।

पशु चिकित्सा विश्वविद्यालय प्रशिक्षण एवं अनुसंधान केंद्र की ओर से ग्राम भिरवाली में पशुपालकों के लिए एक दिवसीय प्रशिक्षण शिविर का आयोजन किया गया। शिविर में डॉ. अमित चोटिया ने डेयरी पशुओं में नस्ल सुधार एवं डेयरी प्रबंधन के बारे में विस्तृत जानकारी दी व डॉ. महेंद्रपाल पुनिया ने पशुओं में कुपोषण



संबंधी समस्याएं एवं उनके निवारण के बारे में विस्तृत जानकारी दी। शिविर में 30 पशुपालकों ने भाग लिया।

## DIFFERENT TRAINING PROGRAMMES ORGANIZED BY VUTRC JODHPUR



## VISIT OF VUTRC SCIENTISTS TO FIELD



## VICHAR GOSTHI ON WORLD VETERINARY DAY 2019

