

# Kamdhenu University



## **Minutes of Fourth Meeting of Veterinary and Animal Sciences Research Council (VASRC)**

**Date: 15-03-2021, 11:30 hrs**

Kamdhenu University, Karmayogi Bhavan,  
Room No. 414, Block-1, Wing-B1, 4<sup>th</sup> Floor,  
Sector-10A, Gandhinagar-382010, Gujarat

**Minutes of the Fourth Meeting (online) of Veterinary and Animal Sciences Research Council (VASRC) of Kamdhenu University (KU), held on 15-03-2021 at 11:30 am Gandhinagar, Gujarat.**

The following Members were present in the meeting.

1.	Dr. N. H. Kelawala	Vice Chancellor, KU, Gandhinagar	Chairman
2.	Dr. D. B. Patil	Director of Research & Dean PG Studies, KU, Gandhinagar	Member Secretary
3.	Dr. P. H. Vataliya	Director of Extension Education, KU, Gandhinagar	Member
4.	Dr. M. S. Chauhan	Director & Vice Chancellor, NDRI, Karnal	Nominated Member
5.	Dr. R. G. Shah	Associate Director of Research, KU, Gandhinagar	Member
6.	Dr. J. S. Patel	Associate Director of Extension Education, KU, Gandhinagar	
7.	Dr. B. N. Patel	Director of Student's Welfare, KU, Gandhinagar	
8.	Dr. S. B. Deshpande	Principal, PAH, KU, Himmatnagar	
9.	Dr. V. M. Ramani	Principal & Dean, CDS, KU, Amreli	Ex-Officio Member
10.	Dr. Sunil Bhagora	Nominee of Department of Animal Husbandry, Gandhinagar	
11.	Dr. L. M. Sorathiya	Associate Professor, PGIVER, KU, Himmatnagar	
12.	Dr. Tanmay Hazra	Assistant Professor, CDS, KU, Amreli	
13.	Dr. Kunal Ahuja	Assistant Professor, CDS, KU, Amreli	Member
14.	Dr. Vivek Shrivastava	Assistant Professor, PGIFER, KU, Himmatnagar	
15.	Mr. Sujit Kumar	Assistant Professor, PGIFER, KU, Himmatnagar	
16.	Dr. Dharmendra Shukla	Principal & Dean (I/C), MIDFT, Mahesana	Invited Member
17.	Dr. Vishal Suthar	Assistant Professor, KU, Gandhinagar	
18.	Dr. A. I. Dadawala,	Assistant Professor, PAH, KU, Himmatnagar	
19.	Dr. Smit Lende	Assistant Professor, PGIFER, KU, Himmatnagar	PI of Project
20.	Dr. Chirag Bhadesiya	Assistant Professor, PGIVER, KU, Himmatnagar	
21.	Dr. G. R. Chaudhary	Assistant Professor, PGIVER, KU, Himmatnagar	
22.	Mr. Subhash Prasad	Assistant Professor, CDS, KU, Amreli	
23.	Mr. R. G. Sindhav	Assistant Professor, CDS, KU, Amreli	
24.	Mr. Akash Solanki	Assistant Professor, CDS, KU, Amreli	
25.	Mr. Mitul Bumbadiya	Assistant Professor, CDS, KU, Amreli	

Dr. P. H. Tank, Principal & Dean, College of Veterinary Science, Junagadh, Dr. Janak Upadhyay, Principal & Dean, SMC College, Anand, Dr. M. N. Brahmhatt, Principal & Dean, College of Veterinary Science, Anand were also present. Representative from Commissioner of Fisheries, GoG was not present.

The 4th Meeting of VASRC of Kamdhenu University was held in online mode (<https://meet.google.com/gfn-fpng-keu>) on 15/03/2021. The meeting started with lighting of lamp and KU Song.

The VASRC meeting was chaired by Dr. N. H. Kelawala, Hon'ble Vice Chancellor, Kamdhenu University, Gandhinagar.

Dr. D. B. Patil, Director of Research & Dean PG Studies, KU welcomed the Dr. N. H. Kelawala, Hon'ble Vice Chancellor, Kamdhenu University & Chairman, VASRC. He also welcomed Dr. M. S. Chauhan, Director, NDRI, Karnal & Nominated Member, VASRC and all the Committee Members, Deans from various Colleges, Dr. Sunil Bhagora, Nominee of Department of Animal Husbandry, Gandhinagar (Ex-Officio Member) and Principal Investigators (PIs) of VASRC. He gave brief introduction about the research work done by various faculty scientists during Covid-19 pandemic and appreciated their efforts.

Hon'ble Vice Chancellor, in his introductory remarks informed the house regarding activities undertaken by KU during recent past viz., amendment of Kamdhenu University Act-2009 in which shifting of Veterinary, Dairy and Fishery Colleges from SAUs, Gujarat to Kamdhenu University, sanctioning of New Veterinary and Fishery College at Rajpur (Nava), Himmatnagar. He briefed about activities during Covid-19, including completion of education and extracurricular activities in smooth manner. He advised thorough discussion on New Technical Programme in the VASRC meeting in order to arrive at good outcome of the meeting and recommendation for scientific community and farmers.

#### **Item No. 4.1**

**Confirmation of the Minutes of the Third Meeting of VASRC, KU, held on 28-02-2020 – Those PI who have not submitted quarterly report to submit explanation.**

Confirmed

#### **Item No. 4.2**

**Action taken on the Minutes of the Third Meeting of VASRC, KU, held on 28-02-2020**

Action Taken Report is enclosed (Annexure-1).

#### **Item No. 4.3**

**Approval of Research Projects – Completed, Ongoing, New Technical Programmes and Recommendation**

Dr. R. G. Shah, Associate Director of Research, KU presented the Agenda Item for review of research under, **Six** New Technical Programme (Veterinary-4, Fisheries-2), **SEVEN** Ongoing Research Projects (Veterinary-3 Dairy-3, Fisheries-1), **THREE** Recommendations (Dairy-3) and **THREE** Completed Research Projects (Fisheries-3).

Faculty wise technical sessions were conducted. Dr. R. G. Shah acted as a Chairman & Dr. A. I. Dadawala as Rapporteur for the technical sessions of Veterinary Faculty. Similarly, Dr. Vimal Ramani acted as a Chairman & Dr. Tanmay Hazra as Rapporteur for the technical sessions of Dairy Faculty. Dr. Vivek Shrivastava acted as a Chairman & Mr. Sujitkumar as Rapporteur for the technical sessions of Fisheries Faculty.

<b>VETERINARY FACULTY</b>		
<b>(A)</b>	<b>New Technical Programme-VETERINARY</b>	
<b>1</b>	<b>PI of the Project</b>	Dr. C. M. Bhadesiya
	Title & project code (NTV-1-2021)	Etiodiagnosis of Bacterial Mastitis in Milch Animals of Himmatnagar Taluka, Gujarat.
	Remarks/Suggestions	House suggested to delete sheep and goat from the project. Advised random selection of farm for the project and complete by 2024. Also suggested to focus more towards clinical mastitis in cattle and buffaloes and screen sheep and goat for mastitis under pilot study.
<b>2</b>	<b>PI of the Project</b>	Dr. C. M. Bhadesiya
	Title & project code (NTV-2-2021)	Studies on Endoparasites, Ectoparasites and Faecal Bacteria in Finches.
	Remarks/Suggestions	House suggested to withdraw this project & PI was informed to conduct pilot study.
<b>3</b>	<b>PI of the Project</b>	Dr. L. M. Sorathiya
	Title & project code (NTV-3-2021)	Study on Existing Farm Hygiene Practices in Correlation with Mammary Gland and Hoof Affections in Milch Animals.
	Remarks/Suggestions	House suggested to change the Title of the project and refined the project before Joint AGRESCO.
<b>4</b>	<b>PI of the Project</b>	Dr. V. S. Suthar
	Title & project code (NTV-4-2021)	Expression of selected biomarker candidate genes to confer <i>in vitro</i> maturation of oocytes in Indian buffaloes
	Remarks/Suggestions	NIL
<b>(B)</b>	<b>Ongoing Technical Programme-VETERINARY</b>	
<b>1</b>	<b>PI of the Project</b>	Dr. C. M. Bhadesiya
	Title & project code (OGV-1)	Prevalence of diseases of animals & birds at Veterinary Hospital of Kamdhenu University.
	Remarks/Suggestions	NIL
<b>2</b>	<b>PI of the Project</b>	Dr. C. M. Bhadesiya
	Title & project code (OGV-2)	Comparative morphological study of hair of different animals.
	Remarks/Suggestions	House suggested to complete the project by 2023.
<b>3</b>	<b>PI of the Project</b>	Dr. G. R. Chaudhary
	Title & project code (OGV-3)	Effect of FMD vaccination on production and reproduction in the cows and buffaloes.
	Remarks/Suggestions	NIL
<b>(C)</b>	<b>Other Agency Project-VETERINARY</b>	
	<b>PI of the Project</b>	Dr. L. M. Sorathiya
	Title & project code	Evaluation of Efficacy of Various Components

<b>1</b>	(OAV-1)	of a Commercial Animal Farm Hygiene Kit (Mylchize by GEA) for Clean Milk Production.
	Remarks/Suggestions	NIL
<b>2</b>	<b>PI of the Project</b>	Dr. V. S. Suthar
	Title & project code (OAV-2)	A pilot study on establish heat tolerance thresholds in dairy animals and amelioration of health under climate stress in Gujarat.
	Remarks/Suggestions	NIL
<b>3</b>	<b>PI of the Project</b>	Dr. V. S. Suthar
	Title & project code (OAV-3)	Ameliorating Antimicrobial Drug Resistances and Augmenting of Fertility through Probiotic Microbiome Intervention in Postpartum Bovines.  Gujarat State Biotechnology Mission (GSBTM), Government of Gujarat, Gandhinagar.  Project Amount: Rs. 28,48,274/-
	Remarks/Suggestions	NIL
	<b>DAIRY FACULTY</b>	
<b>(A) Ongoing Technical Programme-DAIRY</b>		
<b>1</b>	<b>PI of the Project</b>	Dr. Tanmay Hazra
	Title & project code (OGD-1)	Characterization of ghee prepared from sheep milk and evaluation of its shelf life during storage
	Remarks/Suggestions	House suggested to indicate the breed of sheep
<b>2</b>	<b>PI of the Project</b>	Mr. Mitul Bumbadiya
	Title & project code (OGD-2)	Study of novel preservatives alternative to Formalin
	Remarks/Suggestions	House suggested to redesign experiment properly
<b>3</b>	<b>PI of the Project</b>	Mr. Akashkumar Solanki (Presented by Dr. Kunal Ahuja)
	Title & project code (OGD-3)	Development of Carrot Juice Based Reduced Sugar Milk Drink
	Remarks/Suggestions	House suggested to rewrite the recommendation
<b>(B) Recommendation-DAIRY</b>		
<b>1</b>	<b>PI of the Project</b>	Dr. V. M. Ramani
	Title & project code (RD-1)	Identification of “signature sequence” associated with raw milk for quality and safety of dairy products: A metagenomics approach
	Remarks/Suggestions	House suggested to extend sampling for one more year and delete recommendation.
<b>2</b>	<b>PI of the Project</b>	Mr. Subhash Prasad
	Title & project code (RD-2)	Physico-chemical, textural and sensory characteristics of market samples of Peda sold in Saurashtra region of Gujarat State
	Remarks/Suggestions	NIL
<b>3</b>	<b>PI of the Project</b>	Mr. R. G. Sindhav
	Title & project code (RD-3)	Study on process standardization and optimization of reduced sugar fennel based lassi

	Remarks/Suggestions	House suggested to rewrite recommendation & consult domain experts, if required.
<b>(C)</b>	<b>Other Agency Project- DAIRY</b>	
<b>(1)</b>	<b>PI of the Project</b>	Dr. V. M. Ramani
	Title & project code (OAD-1)	Nanotechnology based single dipstick for the instant detection of multiple adulterants in Milk.  Department of Biotechnology, Ministry of Science & Technology, Govt. of India, New Delhi has approved a project to Kamdhenu University.  Project Amount: Rs. 67.072 Lakh
	Remarks/Suggestions	NIL
<b>FISHERIES FACULTY</b>		
<b>(A)</b>	<b>Completed-FISHERIES</b>	
<b>1</b>	<b>PI of the Project</b>	Dr. Vivek Shrivastava
	Title & project code (CF-1)	Complete nutritional profiling of a few locally available ingredients to design economically viable aqua feeds.
	Remarks/Suggestions	House suggested to cast recommendations from the finding of research for scientific community
<b>2</b>	<b>PI of the Project</b>	Dr. Vivek Shrivastava
	Title & project code (CF-2)	Comparative study of integrated farming of Indian major carps with mussel ( <i>Lamellidens marginalis</i> ) and Indian major carps
	Remarks/Suggestions	NIL
<b>3</b>	<b>PI of the Project</b>	Dr. Vivek Shrivastava
	Title & project code (CF-3)	Study the feasibility of inland saline aquaculture at Bhamsara, Ahmedabad.
	Remarks/Suggestions	House suggested to explore the possibility to initiate Inland saline aquaculture centre at Bhamsara.
<b>(B)</b>	<b>New Technical Programme-FISHERIES</b>	
<b>(1)</b>	<b>PI of the Project</b>	Dr. Smit Lende
	Title & project code (NTF-1-2021)	Status of Fish Disease and Health Management Practices in Rural Freshwater Aquaculture of Tapi District of Gujarat
	Remarks/Suggestions	House suggested to include Fish pathologist in the committee
<b>(2)</b>	<b>PI of the Project</b>	Dr. Smit Lende
	Title & project code (NTF-2-2021)	Survey Study on Socio-economic Status of Fish farmers and Fishermen of Tapi District, Gujarat
	Remarks/Suggestions	House suggested to get verified the survey questionnaire with Directorate of Extension Education office and also specify the minimum number of farmers to be covered under survey

(C)	<b>Ongoing Technical Programme-FISHERIES</b>	
(1)	<b>PI of the Project</b>	Dr. Smit Lende
	Title & project code (OGF-1)	Mapping of Endo- & Ectoparasites in some freshwater fishes along reservoirs of Sabarkantha District, Gujarat.
	Remarks/Suggestions	NIL
<b>Action Taken: All the respective Principal Investigator (PI) of the Project, if required.</b>		

### **Resolution**

It is resolved that the Veterinary and Animal Sciences Research Council (VASRC) of Kamdhenu University approves **SIX** New Technical Programmes (Veterinary-4, Fisheries-2), **SEVEN** Ongoing Research Projects (Veterinary-3, Dairy-3, Fisheries-1), **THREE** Recommendations (Dairy-3), **THREE** Completed Research Projects (Fisheries-3) and **FOUR** Other Agency Projects (Veterinary-3, Dairy-1).

(Action: Associate Director of Research, KU)

### **3.4 Any other item with permission of the Chairman**

NIL

### **General Recommendations**

- **Incorporate suggestions from the house and submit revised Research Reports (New Technical Programme, Ongoing Technical Programme, Completed Research Projects and Recommendations) within 15 days.**
- **All the Principal Investigators are informed to submit quarterly progress report of New Technical Programme and Ongoing Research Project. Suggested to adhere to this general Recommendation strictly and is mandatory for PI to present the report.**

Dr. M. S. Chauhan, Director, Karnal gave suggestions as under:

- Proper experimental design in the research projects of Dairy faculty.
- In experimental design specify the breed of animals.
- Conduct small trial initially and take it to experimental scale.
- Thorough discussion of the research projects at college level.
- Invite subject matter specialist to evaluate the prepared projects.

Dr. P. H. Vataliya, Director of Extension Education, KU suggested as follows:

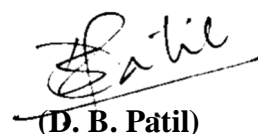
- Complete the cycle of research.
- Identify the core focus area in all faculties.
- In all research projects recommendation, be made.
- Through scrutiny of research results should done before it comes in final reports/public notice.

Hon'ble Vice Chancellor, KU gave concluding remarks as under:

- Publish the recommendations in the form of booklet for wider circulation of the stakeholders.
- Scientists are advised to choose uniform methodology for Research Programme.
- Recommendations shall be made from the research work conducted.
- It is mandatory for Principal Investigator (PI) of the project to present the report.
- PI to submit quarterly report in time. The Dean of respective faculty will thoroughly screen the report and submit to Director of Research.
- In New Technical Programme, the responsibilities of Co-investigators are fixed and accordingly contribution shall be specified in percentage and there shall not be more than 3 Co-PIs.
- Prior to project proposal, screen it thoroughly and appropriately review the work done. This will strengthen the project before it is presented in the VASRC.

Hon'ble Vice Chancellor felicitated Dr. P. H. Vataliya for his contribution in the veterinary field for more than three decades. He offered Shawl & Shrifal to Dr. P. H. Vataliya.

The meeting ended with vote of thanks by Dr. R. G. Shah, Associate Director of Research. He expressed gratitude to Hon'ble Vice Chancellor, KU for his valuable inputs in the meeting. He also thanked Dr. P. H. Vataliya, Director of Extension Education, KU for his contribution in establishment and development of Directorate of Extension Education, KU and valuable suggestions in the VASRC meeting. He also conveyed thank to Dr. M. S. Chauhan, Director, Karnal for important suggestions and valuable guidance in the meeting and gratitude to all the Deans of various colleges, Nominee of Director of Animal Husbandry Department, all the PI, CO-PI and all the members of VASRC committee, team of Directorate of Information Technology and Directorate of Research, KU.



**(D. B. Patil)**

Member Secretary, VASRC

&

Director of Research & Dean PG Studies  
Kamdhenu University, Gandhinagar, Gujarat