

Kamdhenu University



Minutes of Third Meeting of Veterinary and Animal Sciences Research Council (VASRC)

Held on 28-02-2020 at 11:00 hrs

at

Chamber of Hon'ble Vice Chancellor

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

Minutes of the Third Meeting of Veterinary and Animal Sciences Research Council (VASRC) of Kamdhenu University (KU), held on 28-02-2020 at 11:00 am, in Room No. 414, Vice Chancellor's Chamber, 4th Floor, Block-B1, Karmayogi Bhavan, Gandhinagar.

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. R. G. Shah	Associate Director of Research, KU, Gandhinagar	
5.	Dr. V. M. Ramani	Principal & Dean, CDS, KU, Amreli	
6.	Dr. S. B. Deshpande	Principal, PAH, KU, Himmatnagar	
7.	Dr. B. N. Patel	Director of Student's Welfare, KU, Gandhinagar	
8.	Dr. H. N. Modh	Dy. Director (Animal Health), Representative from Department of Animal Husbandry, Gandhinagar	Ex-Officio Member
9.	Dr. K. S. Prajapati	Retd. Professor & Head, College of Veterinary Science & Animal Husbandry, AAU, Anand	Nominated Member
10.	Dr. J. S. Patel	Associate Director of Extension Education, KU, Gandhinagar	Member
11.	Dr. L. M. Sorathiya	Associate Professor, PGIVER, KU, Himmatnagar	
12.	Dr. Tanmay Hazra	Assistant Professor, CDS, KU, Amreli	
13.	Dr. Smit Lende	Assistant Professor, PGIFER, KU, Himmatnagar	
14.	Mr. Sujit Kumar	Assistant Professor, PGIFER, KU, Himmatnagar	Invited Member
15.	Dr. Vivek Shrivastava	Assistant Professor, PGIFER, KU, Himmatnagar	
16.	Dr. Vishal Suthar	Assistant Professor, KU, Gandhinagar	
17.	Dr. Chirag Bhadesiya	Assistant Professor, PGIVER, KU, Himmatnagar	PI of Project
18.	Mr. Subhash Prasad	Assistant Professor, CDS, KU, Amreli	
19.	Mr. A. J. Thesiya	Assistant Professor, CDS, KU, Amreli	

Dr. Kunal Ahuja, Assistant Professor, CDS, KU, Amreli was granted permission to remain absent in the meeting. Representative from Commissioner of Fisheries, GoG was not present.

The meeting was chaired by Dr. N. H. Kelawala, Hon'ble Vice Chancellor, KU.

Dr. D. B. Patil, Director of Research & Dean PG Studies, KU welcomed the Chairman and all the Committee Members of VASRC and gave the brief introduction about the importance and objectives of VASRC.

Dr. N. H. Kelawala, Hon'ble Vice Chancellor, emphasized on the positive inputs of research activities in order to refine the research work so that suitable conclusions emerge in terms of scientific information/recommendations at the end of research.

During opening remarks, Hon'ble Vice Chancellor informed the house regarding activities undertaken by KU during recent past viz., Decennial celebration of KU; Visit of three faculties of CDS, KU to Denmark and also proposed visit of five students in near future; Workshop conducted on "How to win project proposals?"; 18th Annual Convocation cum Scientific Convention of NAVS (India); Inauguration of Veterinary Clinical Complex and Bhumi Pujan of Girls' Hostel Building of KU at Himmatnagar and research projects awarded to KU by Climate Change Dept. GoG, DST Gol Project of CDS, Amreli etc. During his remarks, he expressed concern for not submitting research reports in advance, which are utmost required for fruitful deliberations of all proposed New Technical Programmes, constraints faced by PI in Ongoing projects as well as meaningful discussions on Recommendations. He informed the house to submit the research reports timely and not later than January end. He also informed the house to submit at least one other agency project per faculty.

Item No. 3.1

Confirmation of the Minutes of the Second Meeting of VASRC, KU, held on 15-04-2019

Confirmed

Item No. 3.2

Action taken on the Minutes of the Second Meeting of VASRC, KU, held on 15-04-2019

Action Taken Report is enclosed (Annexure-1).

Noted

Item No. 3.3

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, **THREE** New Technical Programme (Veterinary-1, Dairy-2), **THIRTEEN** Ongoing Research Projects (Veterinary-3, Dairy-6, Fisheries-4) and **TWO** Recommendations (Veterinary-1, Dairy-1).

New Technical Programme-VETERINARY	
PI of the Project	Gangaram Chaudhary
Title	Effect of FMD vaccination on production and reproduction in the cows and buffaloes.

Remarks/Suggestions	NIL
New Technical Programme-DAIRY	
PI of the Project	Mitul B. (Presented by Tanmay Hazra)
Title	Study of novel preservatives on compositional analysis of milk to alternate permitted preservative (Formalin).
Remarks/Suggestions	House suggested that title of the project should be modified as "Study of novel preservatives alternative to Formalin".
New Technical Programme-DAIRY	
PI of the Project	Tanmay Hazra
Title	Characterization of Ghee prepared from sheep milk and evaluation of its shelf life during storage.
Remarks/Suggestions	House accepted this project.
Ongoing Technical Programme-VETERINARY	
PI of the Project	Vishal Suthar
Title	Validate an instant electronic farm-side test for diagnosis of subclinical Ketosis in Bovines.
Remarks/Suggestions	The Recommendation in appropriate format be presented before Combined Joint AGRESCO meeting at NAU, Navsari.
Ongoing Technical Programme-VETERINARY	
PI of the Project	Chirag Bhadesiya
Title	Comparative morphological study of hair of different animals.
Remarks/Suggestions	Brief report to be submitted.
Ongoing Technical Programme-VETERINARY	
PI of the Project	Chirag Bhadesiya
Title	Prevalence of diseases of animals & birds at Veterinary Hospital of Kamdhenu University.
Remarks/Suggestions	House appreciated the project and suggested to make the Project Report in brief.
Ongoing Technical Programme-DAIRY	
PI of the Project	Tanmay Hazra
Title	Quality assessment of market samples of Paneer sold in Amreli District.
Remarks/Suggestions	House suggested to inform Food & Drug Authority, Gujarat about the findings.
Ongoing Technical Programme-DAIRY	
PI of the Project	Rohit Sindhav (Presented by A. J. Thesiya)
Title	Study on process standardization and optimization of reduced sugar Fennel based Lassi.
Remarks/Suggestions	NIL
Ongoing Technical Programme-DAIRY	
PI of the Project	Akash Solanki
Title	Development of Carrot Juice based reduced sugar milk drink.
Remarks/Suggestions	NIL
Ongoing Technical Programme-DAIRY	
PI of the Project	Subhash Prasad
Title	Physico-chemical, textural and sensory characteristics of market samples of Peda sold in Saurashtra region of Gujarat

	State.
Remarks/Suggestions	House suggested to remove the data of lab sample of Peda.
Ongoing Technical Programme-DAIRY	
PI of the Project	A. J. Thesiya
Title	Process optimization of milk based Peanut Thabdi.
Remarks/Suggestions	NIL
Ongoing Technical Programme-DAIRY	
PI of the Project	V. M. Ramani
Title	Identification of "Signature Sequence" associated with raw milk for quality and safety of dairy products : A metagenomics approach.
Remarks/Suggestions	NIL
Ongoing Technical Programme-FISHERIES	
PI of the Project	Vivek Shrivastava
Title	Study the feasibility of inland saline aquaculture at Bhamsara, Ahmedabad.
Remarks/Suggestions	House suggested to complete the project at the earliest
Ongoing Technical Programme-FISHERIES	
PI of the Project	Vivek Shrivastava
Title	Complete nutritional profiling of a few locally available ingredients to design economically viable aqua feeds.
Remarks/Suggestions	House suggested to complete the project at the earliest
Ongoing Technical Programme-FISHERIES	
PI of the Project	Sujit Kumar
Title	Metagenomics of shrimp pond sediment for in depth antibiotic resistance gene screening and simultaneous characterization of bacterial community.
Remarks/Suggestions	Recasted project to be submitted.
Ongoing Technical Programme-FISHERIES	
PI of the Project	Smit Lende
Title	Mapping of Endo- & Ectoparasites in some freshwater fishes along reservoirs of Sabarkantha District, Gujarat.
Remarks/Suggestions	NIL
Recommendation-VETERINARY	
PI of the Project	Vishal Suthar
Title	Validate an instant electronic farm-side test for diagnosis of subclinical Ketosis in Bovines.
Remarks/Suggestions	House suggested that modified recommendations should be presented during Combined Joint AGRESCO. Under Indian field conditions, in dairy animals, an instant electronic farm-side test for quantitative measurement of Beta-hydroxybutyrate in blood aids veterinarians to diagnose hyperketonemia and formulate treatment plan.

Recommendation-DAIRY	
PI of the Project	A. J. Thesiya
Title	Process optimization of milk based peanut Thabdi.
Remarks/Suggestions	House suggested modification of recommendation which is to be presented at Combined Joint AGRESCO. Recommendation for Food Industry: Optimum formulation for milk based peanut Thabdi includes 1.11 Fat/SNF ratio, 21% roasted (105±2°C for 4 minutes in sand) and ground peanut level (% w/w of milk on DMB) at 80% sugar level (% w/w of milk on DMB).
Other Agency Project-VETERINARY	
PI of the Project	Vishal Suthar
Title	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
Other Agency Project-DAIRY	
PI of the Project	V. M. Ramani
Title	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
Action Taken: All the respective Principal Investigator (PI) of the Project wherever it is required.	

Resolution

It is resolved that the Veterinary and Animal Sciences Research Council (VASRC) of Kamdhenu University approves **THREE** New Technical Programmes (Veterinary-1, Dairy-2), **THIRTEEN** Ongoing Research Projects (Veterinary-3, Dairy-6, Fisheries-4) and **TWO** Recommendations (Veterinary-1, Dairy-1).

(Action : Associate Director of Research, KU)

3.4 Any other item with permission of the Chairman

NIL

General Recommendations

- **All the Research Reports (New Technical Programme, Ongoing Technical Programme, Completed Research Projects, Recommendation) to be submitted to Directorate of Research three weeks before VASRC meeting in order to edit and compile the report.**
- **All the Principal Investigators are informed to submit quarterly progress report of New Technical Programme and Ongoing Research Project, if any.**

The meeting ended with vote of thanks by Associate Director of Research.



**Director of Research
& Dean PG Studies**