

Kamdhenu University



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

Held on April 15, 2019 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 Second Meeting of Veterinary and Animal Sciences Research Council (VASRC) of Kamdhenu University (KU), held on April 15, 2019 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	Ex-Officio Chairman
2.	Dr. D. B. Patil	Director of Research & Dean PG Studies, KU, Gandhinagar	Ex-Officio Member Secretary
3.	Dr. P. H. Vataliya	Director of Extension Education, KU, Gandhinagar	Ex-Officio Member
4.	Dr. R. G. Shah	Associate Director of Research, KU, Gandhinagar	Ex-Officio Member
5.	Dr. V. M. Ramani	Principal & Dean, CDS, Amreli	Ex-Officio Member
6.	Dr. B. N. Patel	Director of Student's Welfare, KU, Gandhinagar	Ex-Officio Member
7.	Dr. K. S. Prajapati	Retd. Professor & Head, College of Veterinary Science & Animal Husbandry, AAU, Anand	Nominated Member
8.	Dr. T. P. Patel	Assistant Professor, PGIVER, KU, Himmatnagar	Member
9.	Dr. A. I. Dadawala	Assistant Professor, PAH, KU, Himmatnagar	Member
10.	Dr. Tanmay Hazra	Assistant Professor, CDS, KU, Amreli	Member
11.	Dr. K. K. Ahuja	Assistant Professor, CDS, KU, Amreli	Member
12.	Dr. Smit Lende	Assistant Professor, PGIFER, KU, Himmatnagar	Member
13.	Mr. Sujit Kumar	Assistant Professor, PGIFER, KU, Himmatnagar	Member
14.	Dr. Vivek Shrivastava	Assistant Professor, PGIFER, KU, Himmatnagar	Invited Member
15.	Dr. V. S. Suthar	Assistant Professor, KU, Gandhinagar	Invited Member
16.	Dr. Ajit Pandya	Retd. Professor, Dairy, AAU, Anand	Invited Member
17.	Dr. Falguni Patra	Assistant Professor, MIDFT, Mehsana	Invited Member
18.	Dr. Chirag Bhadesiya	Assistant Professor, PGIVER, KU	Invited Member
19.	Mr. Manish Parmar	Assistant Professor, CDS, KU, Amreli	Invited Member
20.	Mr. Subhash Prasad	Assistant Professor, CDS, KU, Amreli	Invited Member

Dr. S. B. Deshpande, Principal, PAH, KU, Himmatnagar was granted permission to remain absent in the meeting. Representatives from Director of Animal Husbandry, GoG and Commissioner of Fisheries, GoG were 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, welcomed all the respected nominated and invited Members of VASRC Committee and informed the importance of research with regards to "Jay Jawan-Jay Kishan", "Jay Vigyan" and "Jay Anusandhan". He also informed the House for the positive inputs so that research work can be refined and suitable conclusions are emerged out in terms of scientific information/recommendations at the end of research.

Item Note No. 2.1

Confirmation of the Minutes of the First Meeting of VASRC Committee, held on 22-03-2018

Confirmed

Item Note No. 2.2

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, TEN New Technical Programme (Veterinary-3, Dairy-6, Fisheries-3), FIVE Ongoing Research Projects (Dairy-3, Fisheries-2) and ONE Recommendation (Dairy).

Presented By	New Technical Programme - Veterinary Faculty
Dr. Chirag Bhadesiya	Epidemiological Studies on Diseases of Animals & Birds at Veterinary Hospital of Kamdhenu University.
Remarks/Suggestions	Change in title of project (<i>i.e.</i> , start from Prevalence of diseases.....). Reconsider duration based on objectives of the study. (Action : Dr. Chirag M. Bhadesiya, PI)

Presented By	New Technical Programme - Veterinary Faculty
Dr. Chirag Bhadesiya	Comparative Morphological Study of Hair of Different Animals.
Remarks/Suggestions	Mention the parameters (qualitative and/or qualitative)

	to be evaluated in the project. Reconsider duration based on objectives of the study. (Action : Dr. Chirag M. Bhadesiya, PI)
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Presented By	New Technical Programme - Veterinary Faculty
Dr. Vishal Suthar	Validate an instant electronic farm-side test for diagnosis of Subclinical Ketosis in Bovines.
Remarks/Suggestions	-

All the THREE New Technical Programme of Veterinary Faculty were accepted for Presentation in the 15th Combined Joint AGRESCO at AAU, Anand.

Presented By	New Technical Programme - Dairy Faculty
Dr. Tanmay Hazra	Quality assessment of market samples of Paneer sold in Amreli City.
Remarks/Suggestions	House suggested to replace Amreli City in the project title with Amreli District in order to procure more number of (at least 100) samples. Samples should be drawn during festive and different seasons. (Action: Dr. Tanmay Hazra, PI)

Presented By	New Technical Programme - Dairy Faculty
Mr. Akashkumar Solanki	Carrot juice based reduced sugar flavored milk drink.
Remarks/Suggestions	House suggested to remove 'flavoured' word from the title of the project, as it is creating confusion of addition of flavor. Include more observation parameters such as viscosity, PH and color. Blanching of carrot should be removed as juice is already being pasteurized after extraction. Cold extraction of carrot juice should be done. Packaging material for the drink needs to be mentioned. Type of carrot needs to be mentioned. Also suggested to estimate nutritive value of carrot and optimized product. (Action: Mr. Akashkumar Solanki, PI)

Presented By	New Technical Programme - Dairy Faculty
Mr. SubhashPrasas	Physico-chemical and sensory characteristics of market samples of Peda sold in Saurashtra region of Gujarat State.
Remarks/Suggestions	House suggested to delete 'Objective-3' from the project (correlation coefficient study will be carried out at level of sensory, textural and chemical composition). Statistical analysis of data and its presentation needs to be

	<p>corrected. Number of samples in each city should be increased and cover more cities including Jamnagar and Junagadh. Outcome of the project needs to be clearly defined.</p> <p style="text-align: right;">(Action: Mr. Subhash Prasad, PI)</p>
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Presented By	New Technical Programme - Dairy Faculty
Mr. Subhash Prasad	Study on process standardization and optimization of reduced sugar fennel based Lassi.
Remarks/Suggestions	<p>House suggested to delete Objective-1, from the project and use juice or powder of fennel as per sensory attributes based on preliminary trials. Pre-treatment of fennel should be mentioned clearly to ensure its hygiene and microbial quality. Remove water activity from the parameters. Starter culture and its source should be defined. Milk fat / SNF requirement should be decided on preliminary trial basis and should be defined. Mention the variables to be included in RSM trials and responses to be analyzed.</p> <p style="text-align: right;">(Action: Mr. Rohit Sindhav, PI)</p>

Presented By	New Technical Programme - Dairy Faculty
Mr. M. P. Parmar	STEEP analysis for cooperative dairy sector of Saurashtra region.
Remarks/Suggestions	<p>The project was discussed in depth during meeting. Collection of data / questionnaire and types of data to be collected are not clear. The objectives of the project is not clear with respect to impact of sociological, technological, economical, environmental and political for cooperative dairy sector of Saurashtra region. The data collection, questionnaire and its outcomes should meet with the objectives of project. Objective of project needs to be modified. House suggested to take the opinion of sociological expert in defining the objectives of the project and nature of data to be gathered. Methodology of data collection should be mentioned. Appropriate statistical tests should also be included.</p> <p><i>House suggested to defer the project for current year and should be submitted next year.</i></p> <p style="text-align: right;">(Action: Mr. M. P. Parmar, PI)</p>

Presented By	New Technical Programme - Dairy Faculty
Mr. M. P. Parmar	Women empowerment in Amreli district.
Remarks/Suggestions	The entire project needs to be re-structured with defined methodology, clear objectives and possible outcomes.

	The project should be re-designed with the advice of sociological expert. House suggested to defer the project for current year. (Action: Ms. R. S. Govani, PI)
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FOUR New Technical Programme of Dairy Faculty were accepted for Presentation in the 15th Combined Joint AGRESCO at AAU, Anand.

Presented By	New Technical Programme - Fisheries Faculty
Dr. Vivek Shrivastava	A pilot project on the feasibility of Inland Saline Aquaculture at Bhamsara
Remarks/Suggestions	Restructuring of entire project. Clear description about sampling area to be incorporated in the project before final submission. (Action : Dr. Vivek Shrivastava, PI)

Presented By	New Technical Programme - Fisheries Faculty
Dr. Smit Lende	Mapping of Endo- & Ectoparasites in Freshwater Fishes along Sabarkantha District, Gujarat
Remarks/Suggestions	Change in title and objectives. Reconsider duration based on objectives of the study. (Action : Dr. Smit Lende, PI)

Presented By	New Technical Programme - Fisheries Faculty
Mr. Sujit Kumar	Prevalence study of antimicrobial resistant bacteria and corresponding genetic element in aquaculture using molecular approach.
Remarks/Suggestions	Avoid using broad / general terminology and clear cut description about work to be done in the first year of the project. Methodology on molecular aspects are required to be more specific. (Action : Mr. Sujit Kumar, PI)

All the THREE New Technical Programme of Fisheries Faculty were accepted for Presentation in the 15th Combined Joint AGRESCO at AAU, Anand.

Presented By	Ongoing Project - Dairy Faculty
Dr. K. K. Ahuja	Development of low calorie fibre enriched milk-beetroot based <i>Burfi</i>
Remarks/Suggestions	Consumer survey of the optimized product reflected less

	<p>acceptability of the beetroot burfi among the consumers. Furthermore, the proximate composition of product indicated high moisture, which will lead to lower shelf of the product. Director of Research, KU, Gandhinagar suggested to conclude this project this year and submit the Closure Report in detail within one month.</p> <p style="text-align: right;">(Action: Dr. K.K. Ahuja, PI)</p>
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Presented By	Ongoing Project - Dairy Faculty
Dr. K. K. Ahuja	Process optimization of milk based peanut <i>Thabdi</i>
Remarks/Suggestions	<p>House suggested to submit the detailed project report for the work carried out so far. Roasting temperature of peanut needs to be mentioned. Proximate analysis of the product needs to be conducted. Size of peanut is an important factor which effect roasting parameters and should be mentioned. The details of work done to be submitted within one month for evaluation and further action.</p> <p style="text-align: right;">(Action: A. J. Thesiya, PI)</p>

Presented By	Ongoing Project - Dairy Faculty
Dr. V. M. Ramani	Identification of “signature sequence” associated with raw milk for quality and safety of dairy products: A metagenomics approach.
Remarks/Suggestions	<p>House suggested to analyze the raw milk samples from bulk milk collection centers in order to obtain pooled milk samples and submit the plan for next years.</p> <p style="text-align: right;">(Action: Dr. V. M. Ramani, PI)</p>

Presented By	Ongoing Project - Fisheries Faculty
Dr. Vivek Shrivastava	Comparative Study of Integrated Farming of Indian Major Carp with Mussel (<i>Lamellidens marginalis</i>) and Indian Major Carp.
Remarks/Suggestions	<p>Director of Research suggested submission of report of work done so far within one month for evaluation and further action.</p> <p style="text-align: right;">(Action : Dr. Vivek Shrivastava, PI)</p>

Presented By	Ongoing Project - Fisheries Faculty
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Dr. Vivek Shrivastava	Complete Nutritional Profiling of a few Locally Available Ingredients to Design Economically Viable Aqua Feed.
Remarks/Suggestions	House suggested submission of revised report with detailed plan of work and research findings within one month. (Action : Dr. Vivek Shrivastava, PI)

Presented By	Recommendation - Dairy Faculty
Dr. Tanmay Hazra	To detect the adulteration of oil in milk, as vegetable oils have longer chain, triglycerides (C50, C52 & C54), which increased significantly during adulteration of vegetable oil as compared with pure milk fat, hence analyses of triglyceride profile of milk fat using GLC based methodology detect 1% oil adulteration. House suggested to submit the Recommendation in the prescribed Proforma on or before April 27, 2019. (Action : Dr. Tanmay Hazra, PI)
Remarks/Suggestions	

Resolution

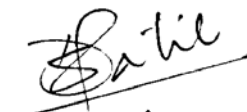
It is resolved that the Veterinary and Animal Sciences Research Council (VASRC) of Kamdhenu University approves **TEN** New Technical Programme (Veterinary-3, Dairy-4, Fisheries-3), **FIVE** Ongoing Research Projects (Dairy-3, Fisheries-2) and **ONE** Recommendation (Dairy) as given in Appendix-1.

(Action : Associate Director of Research, KU)

2.3 Any other item with permission of the Chairman

NIL

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


**Director of Research
& Dean PG Studies**
