

Kamdhenu University



Minutes of First Meeting of Veterinary & Animal Sciences Research Council (VASRC)

Held on March 22, 2018 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 First Meeting of Veterinary and Animal Sciences Research Council (VASRC) of Kamdhenu University, held on March 22, 2018 at 11:00:00 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. P. H. Vataliya	Vice Chancellor, KU, Gandhinagar	Ex-Officio Chairman
		Director of Extension Education, KU, Gandhinagar	Ex-Officio Member
2.	Dr. D. B. Patil	Director of Research & Dean PG Studies, KU, Gandhinagar	Ex-Officio Member Secretary
3.	Dr. R. G. Shah	Associate Director of Research, KU, Gandhinagar	Ex-Officio Member
4.	Dr. S. B. Deshpande	Principal & Dean, PGIVER, 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. R. R. Shah	Registrar, KU, Gandhinagar	Invited Member
9.	Dr. V. S. Suthar	Assistant Professor, KU, Gandhinagar	Invited Member
10.	Dr. A. I. Dadawala	Principal (I/c), PAH, KU, Himmatnagar	Member
11.	Dr. Smit Lende	Assistant Professor, PGIFER, KU, Gandhinagar	Member
12.	Dr. Tanmay Hazra	Assistant Professor, CDS, Amreli	Member
13.	Dr. T. P. Patel	Assistant Professor, PGIVER, Gandhinagar	Member
14.	Mr. Sujit Kumar	Assistant Professor, PGIFER, Gandhinagar	Member

Mr. Vivek Shrivastava, Dean (I/c) PGIFER, KU and Mr. Kunal Ahuna, Assistant Professor, CDS, KU, Amreli were 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. P.H. Vataliya, Hon'ble Vice Chancellor, Kamdhenu University (KU).

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

Dr. P. H. Vataliya, Hon'ble Vice Chancellor, welcomed the nominated Member, Dr. K. S. Prajapati and acquainted the House about the technical expertise of Dr. Prajapati. Further, Hon'ble Vice Chancellor informed the House about the importance and objectives of the VASRC and said that it could not be formed so far due to varied reasons. He also said that VASRC is one kind of AGRESCO meeting hence, all the research programme of KU should be brought in the VASRC for discussion, implementation and finalization. He emphasized on the quality of research so that the outcome of research may be converted into recommendations, acceptable to the scientific community and useful for the society.

Dr. R. G. Shah, Associate Director of Research, KU presented the agenda item wise giving details about – six completed research programmes (3-Dairy & 3-Veterinary Faculty), five ongoing research programmes (3-Dairy & 2-Fishery Faculty), one new technical programme (Dairy Faculty) and two recommendations (1 each of Dairy & Veterinary Faculty).

Dr. V. M. Ramani, Principal & Dean, CDS, Amreli gave the detailed presentation on the following **completed research projects** at College of Dairy Science, KU, Amreli.

1. Bio-conjugation of Iron Oxide/Gold (Core/Shell) Nano particles for the detection of Aflatoxin M1 in Milk - A Nano-biotechnology Approach (funded by GSBTM, Gandhinagar). **PI** - Dr. V. M. Ramani.
2. Development of probiotics fortification soy food for health and nutritional of elderly population (funded by DST, New Delhi). **PI** - Dr. V. M. Ramani.

Recommendation for Scientific Community

- **A method for the preparation of probiotic fortified soy chocolate bar by using functional ingredient like 7.5% chocolate powder, 5% cow ghee, 10% icing sugar, 5% soy flour and 5% reconstitute milk powder was recommended by College of Dairy Science, Kamdhenu University. The product was made using *L. fermentum* VRAT_06 as a probiotic bacteria and shelf life of product is 120 days in metalized polyester film at 4 °C.**
3. Nanotechnology based dipstick for the instant detection of milk adulterants (funded by KU). **PI** - Dr. V. M. Ramani

The House appreciated the work done by Dairy Faculty.

Dr. V. S. Suthar, Assistant Professor, KU presented the **completed research programme** on Dynamics of vaginal metabiota during estrous cycle and its association with reproductive hormones in *Bubalus Bubalis* and presented the following **recommendation**.

Recommendation for Scientific Community

- **Vaginal Metabiota of buffaloes revealed Archaea (Methanabacterium Alkaliphilium and Methanobacterium Sp. MB4) during metestrus and Penicillium Chrysogenum during estrus, metestrus and diestrus phase of Estrous cycle.**

Dr. A. I. Dadawala, Principal (I/c), PAH, KU, Himmatnagar presented the following **completed research programme** of Polytechnic in Animal Husbandry.

- Disease surveillance of cattle and buffaloes in milk shed of Sabarkantha District.

Dr. T. P. Patel, Assistant Professor, PGIVER, KU presented the following **completed research programme** of Veterinary Faculty.

- Study of Animal Husbandry Practices by Women Dairy Farmers in Sabarkantha District.

Dr. Tanmay Hazra, Assistant Professor, CDS, Amreli presented the following **ongoing research programmes** of Dairy Faculty.

- Detection of oil adulteration in milk by chromatographic methods in-tandem with chromogenic method. **PI** - Dr. Tanmay Hazra, Assistant Professor.
- Development of low calorie fiber enriched milk-beetroot based Burfi. **PI** - Dr. Kunal Kumar Ahuja, Assistant Professor.
- Process optimization of milk based peanut *Thabdi*. **PI** - Shri Ankit J. Thesiya, Assistant Professor.

Dr. Smit Lende, Assistant Professor, PGIFER, KU presented the following **ongoing research programmes**.

- Complete nutritional profiling of a few locally available ingredients to design economically viable aqua feeds. **PI** - Shri. Vivek Shrivastava, Dean (I/c).
- Comparative study of integrated farming of Indian major carps with mussels (*Lamellidens Marginalis*) and Indian major carps. **PI** - Shri. Vivek Shrivastava, Dean (I/c).

Dr. V. M. Ramani, Principal & Dean, CDS, Amreli presented the following **new technical programme**.

- Identification of “signatures sequences” associated with raw milk for quality and safety of dairy products : A metagenomics approach.

After the detailed presentations, discussions and recommendations, the business of the meeting was transacted.

Item No. 1.1

Approval of research programme – completed, ongoing, new technical programmes and recommendation

After the detailed presentations of six completed and five ongoing research programmes, one new technical programme and two recommendations of Kamdhenu University, all the Members of the VASRC unanimously agreed for the same and the matter was resolved as under:

Resolution

It is resolved that the Veterinary and Animal Sciences Research Council (VASRC) approves **six** completed and **five** ongoing research programmes, **one** new technical programme and **two** recommendations from Veterinary, Dairy and Fisheries Faculties. It is further resolved that, the different research schemes for the year 2015-16, 2016-17 & 2017-18 (APPENDIX-A) are also approved for implementation.

(Action : Deans of respective faculties and PI of respective programme, KU)

Item No. 1.2

Approval of publication of “Kamdhenu Research Journal”

The VASRC discussed about the publication of “Kamdhenu Research Journal” at length. After the discussions, the following recommendations were made by Hon’ble Vice Chancellor, KU regarding Kamdhenu Research Journal.

- The format of “Kamdhenu Research Journal” will be the same as of Indian Journal of Animal Science.
- Kamdhenu Research Journal should contain four sections i. e. Animal Health, Animal Production, Dairy and Fisheries Sciences. The Journal will publish original research articles only in these sections. Additionally, only one or at the most two (exceptionally) research review article may be included in the issue.
- Kamdhenu Research Journal will be published by Kamdhenu University and will be a National Journal. All the expenditure regarding printing, publication etc., will be borne by Kamdhenu University.
- The first issue of Kamdhenu Research Journal will be distributed free of cost, thereafter subscription charges may be collected.
- A letter to be issued to the public and scientist community regarding this Journal inviting research articles.
- To release announcement about the commencement of Kamdhenu Research Journal.
- The first page of the Journal should have appropriate image, Volume Number, Issue Number, Month-Year and name of the Journal.
- Associate Director of Research, KU shall be Managing Editor of the Journal and will start the process of title verification and registration process with RNI, New Delhi.

In view of the above, Hon’ble Vice Chancellor invited the comments on the procedure for publication of “Kamdhenu Research Journal” and all the Members of the VASRC unanimously agreed for the above and the matter was resolved as under:

Resolution

It is resolved that the VASRC approves the publication of “Kamdhenu Research Journal” by the University for the benefit of scientific community of Veterinary and Allied Sciences.

(Action : Associate Director of Research, KU)

APPENDIX-A

ક્રમ નં.	બજેટ હેડ	યોજનાનું નામ	૨૦૧૫-૨૦૧૬	૨૦૧૬-૨૦૧૭	૨૦૧૭-૨૦૧૮
૧	૦૧૦૧૦૦૧-યુ(૨)	કામઘેનુ યુનિ ને સહાયક અનુદાન માટેની યોજના અંતર્ગત વિભાગવાર મંજુર થયેલ સાધનો	નીલ	૧૨.૨૫ લાખ	૩૨.૦૦ લાખ
૨	૦૧૦૧૦૧૬-યુ(૨)	કામઘેનુ યુનિ મુખ્ય મથકના વ્રઢીકરણની યોજના	નીલ	નીલ	૧૦.૦૦ લાખ
૩	૧૦૧૦૦૬	પશુચિકિત્સા શિક્ષણ અને સંશોધન માટે અનુનાસ્તક કેન્દ્રની સ્થાપના	૮૩.૦૦ લાખ	૨૬.૮૯ લાખ	૩૭.૦૦ લાખ
૪	૧૦૧૦૦૭	ડેરી વિજ્ઞાન શિક્ષણ અને સંશોધન માટે અનુસ્નાતક કેન્દ્રની સ્થાપના	૫૫.૦૦ લાખ	૬૪.૦૦ લાખ	૮૦.૦૦ લાખ
૫	૧૦૧૦૦૮	વેટનરી હોસ્પિટલની સ્થાપના	૪૫.૦૦ લાખ	૫૨.૫૬ લાખ	૭૮.૪૪ લાખ
૬	૧૦૧૦૦૯	મત્સ્યોદ્યોગ વિજ્ઞાન શિક્ષણ અને સંશોધન માટે અનુસ્નાતક કેન્દ્રની સ્થાપના	૨૦.૦૦ લાખ	૩૫.૦૦ લાખ	૫૯.૬૫ લાખ
૭	૧૦૧૦૧૦	દુધાળા પશુઓના ફાર્મની સ્થાપના	૦૦.૦૨ લાખ	૦૩.૯૫ લાખ	૦૩.૫૫ લાખ