

1st

Planning Board

Minutes of the Meeting



Kamdhenu University

Our Motto: Welfare of all living beings

(Established by Government of Gujarat vide Gujarat Act No. 9 of 2009)

Minutes of the Planning Board (PB) Meeting, held on January 23, 2015, 16:00 hrs at Amrut Kalash, Podium Level, Krushi Bhavan, Gandhinagar.

Following salutations & floral welcome, Agenda items were circulated.

The following committee members were present:

Ex-officio Members

1	Prof. M. C. Varshneya	Vice- Chancellor, Kamdhenu University	Chairman
2	Dr. D. B. Patil	Director of Research, Kamdhenu University	Member Secretary
3	Dr. M. N. Brahmabhatt	Director of Extension Education and Director of Students' Welfare, Kamdhenu University	Member
4	Dr. P. H. Vataliya	Dean, Veterinary Faculty, Kamdhenu University	Member
5	Dr. V. M. Ramani	Dean, Dairy Science Faculty, Kamdhenu University	Member
6	Dr. N. G. Akolkar	Dean, Fisheries Faculty, Kamdhenu University	Member
7	Shri. V. P. Macwan	Registrar, Kamdhenu University	Member
8	Shri. H. R. Bhatt	Finance and Account officer/Comptroller	Member

Invited Members

9	Shri. Rajkumar	Principal Secretary, Agriculture & Co-operation Department, Govt. Of. Gujarat	Member
---	----------------	---	--------

Nominated Members

10	Dr. M. L. Madan	Ex-DDG (AS), ICAR, New Delhi & Ex- VC, PDKV, Akola (Mah) and Ex-VC PDU, Mathura	Member
11	Dr. Pratap Bhosale	USA/Israel	Member
12	Dr. N. P. Shah	Professor, Uni. of Hong Kong, / Australia	Member
13	Dr. Dilip Kumar	Ex- Director, CIFE, Mumbai	Member
14	Dr. Baboo Nair	Sweden	Not Present

The meeting started with presentations of Agenda items No. 1 and 2 by Hon. Vice-Chancellor, Kamdhenu University, Prof. M. C. Varshneya, who gave the gist of developments in vogue at Kamdhenu University, since its inception. Further the proposed Master Plan for the development of Kamdhenu University was also presented in detail.

Dr. D. B. Patil, Director of Research & Dean PGS enumerated the proposed new items submitted for sanction to the Government of Gujarat.

Dr. V. M. Ramani Dean, Dairy Science Faculty presented item No. 4 and 5.

After the presentation of the research output for the completed research project entitled **“Immuno-magnetic separation based nano technological feat for detection of aflatoxin”** funded by Department of Biotechnology, Ministry of Science and Technology, Government of India, New Delhi, following suggestions were made by PB members.

1. Dr. Dilip Kumar suggested that this research should be extended to the detection of the aflatoxin from the cattle feed, as its early detection can help agriculture farmers and milk producers. Shri. Raj Kumar, Principal Secretary also supported the above suggestion and asked to collaborate with other state agricultural universities.
2. Dr. N. P. Shah suggested undertaking publication of such research for benefit of the scientific world.

Agenda Note: 4. Ongoing research project.

After the presentation of the research work initiated for the ongoing research project entitled **“Development of Probiotics fortified Soy food for Health and Nutritional benefits of Elderly population.”** funded by Department of Science and Technology, Ministry of Science and Technology, Government of India, New Delhi, and **“Bio-Conjugation of Iron oxide/Gold Nano particles for the detection of Aflatoxin M1 in Milk”** funded by Gujarat State Biotechnology Mission, Department of Science and Technology, Government of Gujarat, Gandhinagar, following suggestions were made by board members.

1. Dr. N. P. Shah suggested to initiate collaboration for the the probiotic research with their own research group at University of Hong Kong.
2. Dr. Madan enquired about the use of iron oxide/gold (core/shell) nano particles in the second ongoing research project.

Dr. V. M. Ramani, replied that iron oxide core and its super paramagnetic properties has been explored for the efficient separation of the aflatoxin M1 from the sample, while gold shell has been explored for quantification of separated aflatoxin M1.

Overall PB members appreciated the research efforts of College of Dairy Science Amreli

Dr. Pratap Bhosale stressed on international collaboration with Universities abroad like Minnesota, Wisconsin, Madison, Hebrew, Revoth (Israel) and Texas A&M. He advised to prepare a task group for international collaborations with Hebrew University in Israel for Nutrition and Production aspects of Dairy industry.

Dr. N. P. Shah stressed on research along with international relationship. He stressed on ranking of university based on parameters set by different international groups. He further insisted on exchange partners and international students.

Shri. Raj Kumar, Principal Secretary, Agriculture, stressed that Kamdhenu University is a sector specific University which at present is not on cross-roads. It has to achieve excellence vis-a-vis other colleges/universities in India.

Dr. Dilip Kumar stressed on need assessment of resource rich and resource poor farming communities which would then be used for developing action plan and strategies for implementation of such plans for fisheries development in the state. He felt that to counter the growing cases of malnutrition, fish will be highly commodity as the cheapest source of animal protein. He also suggested the need for rain water harvesting for enhancing water availability in inland fisheries ecosystems and undrainable, farm and homestead ponds. He advised for MoU with the farm belonging to Shri Manoj Sharma at Surat, for giving field orientation, exposing the students to the development aspects of this sub-sector and also for inspiring them to become entrepreneurs. He advised to tackle the HRD needs especially – the mid level technicians like – hatchery and farm managers, management of processing plants and its various components like –procurement of raw materials, pre-processing and processing, floor management, quality control and assessment, packaging, storage, trade and shipment, etc. He also advised that to be remain updated and globally relevant we must revise our course once in every two years with active participation of experts, industries, educationists, farmers and fishers, development departments, NGOs, etc.

Shri Rajkumar advised on Business management courses based on Domain knowledge.

Dr. Dilip Kumar, FAO Chief Technical Adviser of NAPA, Myanmar expressed his views on the development of Fisheries Sector in Gujarat. He stated following points:

1. 90 % of fish production of the world of capture and culture fisheries come from Asia. China stands first in the world in fish production.
2. Though India ranks to be second largest producer of fish, its fish production contributes to 10 % that of China's production.

Some highlighting facts and figures pertaining to Gujarat Fisheries are as under:

- | | |
|---|---------------|
| 1. Brackish water area for fish culture: | 3.76 lakh ha. |
| 2. Potential brackish water area available for aquaculture: | 1.87 lakh ha. |
| 3. Brackish water land allotted for aquaculture: | 6000 ha. |
| 4. Fresh water potential area available for fish culture: | |
| A. Reservoirs: | 3.48 lakh ha. |
| B. Ponds: | 22,000 ha. |

However, correct statistics of actual land under fresh water fish culture is not available.

Dr. Dilip Kumar emphasized to develop this sector more, since it has potential to complement other farming sectors like livestock, horticulture, crops, etc. Compared to other sub-sectors the margin of profit is also much higher in aquaculture.


Dr. M. L. Madan presented existing livestock scenario of India. He felt that there is a tectonic shift in relationship with animals from traditional bondage-based to economic one. In areas of Punjab and Gujarat, there is ascendancy of buffalo population in contrast to cattle. The contribution of livestock is approaching to 50% of Agricultural GDP. The expansion of peri-urban areas is pushing livestock farming to interiors with shortage of local labour. He advised to revisit the vision & mission of Kamdhenu University and have production as main target. The goals of KU should be immediate, short term and long term. There should be research opportunities for health, production and breed improvement and instill students about hypothesis delivery.

Advised Kamdhenu University to work on :

- ✓ Bio-safety & Bio-security.
- ✓ To pull all veterinary, Dairy and fisheries colleges under Kamdhenu University banner.
- ✓ Generate data on genetic evaluation.
- ✓ Pre-bachelor Training courses.
- ✓ Intensive Animal Husbandry courses.
- ✓ Priorities courses for Fieldman, Resource management.
- ✓ Short training program.
- ✓ Association with OIE, ILRI, ICRISAT, FAO & other collaborated agencies
- ✓ International University collaboration for Adjunct professors.

Dr. Baboo Nair, was not able to attend the Planning Board meeting. However, he has proposed a centre of excellence in Food Technology.

The meeting closed with the concluding remarks of Secretary, Agriculture, Govt. of Gujarat, then the Chairman of Planning Board KU, Gandhinagar


Director of Research &
Dean Post Graduate Studies
Kamdhenu University
Gandhinagar