

# 2<sup>nd</sup>

## 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 Second meeting of Planning Board, Kamdhenu University held on February 11, 2016 at 10:00 hrs in Vice Chancellor's Chamber, Kamdhenu University, Karmayogi Bhavan, 4<sup>th</sup> Floor, Room No. 414, Block-1, Wing-B1, Sector-10A, Gandhinagar-382010, Gujarat.**

The following Committee members were present:

<b>Ex-officio Members</b>			
<b>1.</b>	Shri. Babubhai Bokharia	Hon'ble Minister, Govt. of Gujarat (Agriculture, Co-operation, Animal Husbandry, Fisheries, Cow Breeding)	Invited Guest
<b>2.</b>	Prof. M. C. Varshneya	Vice-Chancellor, Kamdhenu University	Chairman
<b>3.</b>	Dr. D. B. Patil	Director of Research & Dean PG Studies, Kamdhenu University	Member
<b>4.</b>	Dr. P. H. Vataliya	Director of Extension Education & Dean, Veterinary Faculty, Kamdhenu University	Member
<b>5.</b>	Dr. Vishal Suthar	Planning Officer, I/C ADR, Kamdhenu University	Member Secretary
<b>6.</b>	Dr. V. M. Ramani	I/C Dean, Dairy Science Faculty, Kamdhenu University	Member
<b>7.</b>	Dr. N. G. Akolkar	I/C Dean, Fisheries Faculty, Kamdhenu University	Member
<b>8.</b>	Shri. V. P. Macwan	Registrar, Kamdhenu University	Member
<b>9.</b>	Dr. Bhavik N. Patel	Director of Student Welfare, Kamdhenu University	Member
<b>10.</b>	Shri. S. K. Patel	Comptroller, Kamdhenu University	Member
<b>11.</b>	Shri. Avinash Kumar, IAS	Former Additional Chief Secretary, Govt. of Gujarat	Invited Member
<b>Nominated Members</b>			
<b>12.</b>	Dr. M. L. Madan	Ex-DDG (AS), ICAR, New Delhi & Ex-VC, PDKV, Akola (Mah) and Ex-VC PDU, Mathura	Member
<b>13.</b>	Dr. Pratap Bhosale	USA/Israel	Member
<b>14.</b>	Dr. N. P. Shah	Professor, Uni. of Hong Kong	Member
<b>15.</b>	Dr. Dilip Kumar	Ex-Director, CIFE, Mumbai	Not Present
<b>16.</b>	Dr. Baboo Nair	Professor Emeritus, Sweden	Member

Dr. Dilip Kumar could not attend the meeting. He was granted leave of absence.

The meeting started with the formal introduction of members of Planning Board and invited guests by Dr. D. B. Patil, Director of Research & Dean PG Studies,

Kamdhenu University. He then requested Hon'ble Vice-Chancellor and Chairman to address the Planning Board.

Prof. M. C. Varshneya, Hon'ble Vice Chancellor, Kamdhenu University presented the progress of Kamdhenu University during the last one year. Salient achievements discussed are as below:

- Signing of MOU with four institutions of India (CIFE, CIRG, NDRI and NRCC)
- Establishment of three PG Centres of Kamdhenu University (Veterinary, Dairy and Fisheries)
- Organisation of Technical Seminar/Workshop/Events by Kamdhenu University
- Starting of construction of college building at Himmatnagar and Amreli of Kamdhenu University
- Budget allocation from Government of Gujarat during the year
- Increase in employee strength in Kamdhenu University during the year

Thereafter following business of meeting was transected.

#### **Item 2.1**

##### **Confirmation of Minutes of the First meeting of Planning Board.**

Confirmed

#### **Item 2.2**

##### **Action Taken on the Minutes of the First meeting of Planning Board.**

Noted

#### **Item 2.3**

##### **Presentations by Members of Planning Board**

##### **Item 2.3.1**

##### **"Applications of Animal Reproductive Biotechnology to Improve Production among Dairy Animals"**

- **Dr. M. L. Madan** presented "Applications of Animal Reproductive Biotechnology to Improve Production among Dairy Animals"

He discussed the following before the Planning Board Members:

- Reproductive Biotechnological perspectives- Visible and invisible sights
- Current status of animal husbandry sector in Gujarat
- Current challenges and facets of Dairy production in Gujarat
- All India Livestock census
- Different Categories of Cattle Resources in India
- Average Productivity of Cattle, Buffalo and Goats (India and Gujarat)
- Change in energy scenario
- In Gujarat, important changes witnessed in Livestock sector in the recent years
- Importance of Biotechnology in Livestock sector
- Biotech Augmentation of Production through Reproduction
- Bio techniques and Technologies for Fecundity
- Endocrine Technologies Developed
- Seasonal / Climatic effects on Conception rate
- Effect of temperature Stress on mean duration of estrus and estrous cycle
- Feed consumption, Body temperature and circulatory LH Under Heat stress
- Hormonal changes in response to prolonged heat exposure
- Implications for reproductive biotechnology: Optimizing reproduction

### **Item 2.3.2**

#### **“Livestock Breeding Policy of India”**

- **Dr. Pratap Bhosale** presented “Livestock Breeding Policy of India”

He discussed and suggested the following points:

- Updating data of native cattle
- Genomic testing of breeds desired

- Crossbreed population need to be covered as it has become integral part of rural economy and national milk supply
- In India, cross breeding programme involving exotic breeds like Holstein and Jersey were used. However, it remains haphazard, hence can be upgraded using P.T. sires.

### **Item 2.3.3**

#### **“Development of a Network for Research on Dairy Products and Fermented Foods in India”**

- **Dr. Baboo Nair** presented “Development of a Network for Research on Dairy Products and Fermented Foods in India”

Dr. Nair highlighted the mission of Lund University, Sweden;

- To bring together farmers, scientists, governmental agencies, non-governmental organizations, industry representatives, producers, and consumers in playing a role in promoting research and development of fermented foods for better public health and social well-being of the population in general and of the poor people in particular.
- To put spot light on the importance of developing finished products of added value for the globalised market, preferably novel fermented functional products.

### **Item 2.3.4**

#### **“Advances in Dairy Biotechnology and Food Safety”**

- **Dr. N. P. Shah** presented “Advances in Dairy Biotechnology and Food Safety”

Dr. Shah elaborated the following points during the presentation

- Caseino-macro-peptide (GMP): component of WPC
- Significance of the  $\beta$ -Casomorphins (BCM)
- Bioactive whey proteins
- Major whey protein types
- Whey protein: nutraceuticals in life and sports applications
- Nutraceutical roles of whey proteins and peptides
- Studies on whey protein in sports nutrition and performance

### **Item 2.3.5**

#### **An overview on Livestock Sector**

An overview on Livestock Sector was given by Shri. Avinash Kumar, IAS (Retd.) Additional Chief Secretary, Govt. of Gujarat. He expressed his views on the following:

- ✓ Requirement of schemes for implementation of different technologies.
- ✓ He emphasized that Colleges of Veterinary Sciences, Colleges of Dairy Science and Colleges of Fisheries Science under other State Agriculture Universities should be under Kamdhenu University in Gujarat.
- ✓ There should be an Advisory Committee in the Government for the development of animal sector.
- ✓ Student learning empowerment by different Government schemes like Digital India.

### **Item 2.4**

#### **Interactions/Discussion**

During the discussions, Dr. M. L. Madan suggested the following

- Promotion of species specific branding of milk and milk products e. g. Buffalo milk
- Improvement of indigenous cattle
- Agro-ecology
- Buffalo spot

### **Item 2.5**

#### **Remarks by Hon'ble Minister of Agriculture, Govt. of Gujarat, Shri. Babubhai Bokhiria, as under:**

Shri. Babubhai Bokhiria talked about Sudama Dairy, Semen Station at Patan, Jafrabadi, Gir Cattle Project and factors affecting rural economy. He also consented for integration of Veterinary, Dairy and Fishery Institutes presently under other SAU's in Kamdhenu University.

### **Item 2.6**

#### **Future Plan/Annual Development Plan of Kamdhenu University was elaborated by Dr. Vishal Suthar, Planning Officer**

Dr. Vishal Suthar, Planning Officer presented Annual Development Plan 2016-17 of Kamdhenu University. He discussed that Kamdhenu University has proposed Rs.12.07 crore under the continued items for the year 2016-17. He also discussed that in beginning Kamdhenu University has prepared and submitted 10 new items of worth Rs.68.75 crore. However, only three new items namely 1) Kamdhenu University (10 crore), 2) PPP College of Dairy Science (2.75 crore), 3) Polytechnic in Animal Husbandry (1.40 crore) were considered for the year 2016-17.

#### **Item 2.7**

#### **Ongoing and completed research project of Dairy Faculty, Kamdhenu University by Dr. Vimal Ramani, Principal & Dean, College of Dairy Science, Kamdhenu University.**

Dr. Ramani presented the above

#### **Item 2.8**

#### **Cage Culture : A New Horizon for Mariculture by Shri. Vivek Shrivastava, Assistant Professor, Kamdhenu University, as under**

Deferred

#### **Item Note 2.9**

#### **A Round Table on KU Vision : Immediate, Short Term, Long Term (2030)**

The matter was discussed and it was decided to form two Committees as follows :

##### **1. Advisory Committee**

Hon'ble Minister of Agriculture, Govt. of Gujarat, agreed that, there should be Advisory Committee for the development of animal husbandry in the Gujarat State.

The Committee is constituted as follows to advice on the matter related to the animal husbandry in the State

- Hon'ble Minister of Agriculture, Govt. of Gujarat - Chairman
- Vice Chancellor, Kamdhenu University
- Secretary, Animal Husbandry, Govt. of Gujarat
- Four nominated members of Planning Board of Kamdhenu University

##### **2. The Planning Board also discussed to prepare a road map of Kamdhenu University. Accordingly, a Committee consisting of following is constituted:**

- Prof. M. C. Varshneya, Vice Chancellor – Member Secretary
- Dr. M. L. Madan, Ex-DDG (AS), ICAR, New Delhi
- Shri. Avinash Kumar, IAS, Former Additional Chief Secretary, Govt. of Gujarat.

Hon'ble Vice Chancellor, Kamdhenu University will conduct the meeting to suggest Road Map for Kamdhenu University with members.

**Item Note 2.10**

**Any other items with the permission of the chair**

There was display of newly acquired Field Side Ultrasound Machine and models of Integrated Aquaculture System, Marine Cage Culture and Modern Shrimp Farm in fisheries. Hon'ble Agriculture Minister, expressed the desire that such Field Side Ultrasound Machine should be available in every district of Gujarat State.



**Director of Research  
& Dean Post Graduate Studies  
Kamdhenu University  
Gandhinagar**