

Fourth Annual Report

2017-18

A report submitted in pursuance of Section 45
of the Kamdhenu University Act, 2009.



Kamdhenu University

Karmayogi Bhavan, Block-1, Wing-B1
Fourth Floor, Sector-10 A, Gandhinagar 382010
Ph : 079-232 20713, www.ku-guj.org

FOURTH ANNUAL REPORT 2017-18

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Foreword

It gives me immense pleasure to present the Fourth Annual Report of Kamdhenu University (KU).

Kamdhenu University (KU) after its enactment in 2009, by Government of Gujarat, has established itself as a teaching and affiliating University for the development of Veterinary and Animal Sciences and for furthering the advancement of teaching, learning, conducting of research and dissemination of findings of research and other technical information to the end users through effective outreach programmes of extension. The vision at the heart of Kamdhenu University is to be the National leader in education and research in the said fields.

I would like to congratulate the teaching faculty of the University for imparting excellent education, due to which students could achieve accomplishments. Due to sincere commitment and dedication of faculty of University and strong financial and administrative support from State Government and conducive atmosphere in the campus, there is increase in number of enrolled students. Research is of paramount importance to the University. Director of Extension Education carried out extension work in many districts of Gujarat including rural area in collaboration with experts of University. KU has effective network of extension services with Krishi Vigyan Kendra and other units, which acts as capacity building centers to impart knowledge and relevant skills to farmers.

I take this opportunity to thank Government of Gujarat for their whole hearted financial and technical support to the KU. I heartily thank the Hon'ble Members of Board of Management for their guidance and cooperation in the University administration. I also thank the Registrar, DR & Dean PG Studies, DEE & University Officers for their help in preparation of the Annual Report.

I am delighted to present you Fourth annual report (2017-18) of Kamdhenu University as required under Section 45 of the Gujarat Act No. 9/2009.

This report covers the period from April 1st 2017 to March 31st 2018.

Date : 15-3-2019

(N. H. Kelawala)
Vice-Chancellor

Acknowledgement

There are many people who have made our work possible and immensely rewarding and their huge support has encouraged the University to give pace to ongoing activities during the year.

We are very grateful for the advice and support provided by members of the Board of Management, Academic Council, Research Council, Extension Education Council, Planning Board and various other committees throughout the year. We would like to thank each of its members for their time, energy and enthusiasm. Their wise counsel and perspectives have proved useful to the University.

Our work would not have been possible without the advice and support received from the various departments of GoG and several NGOs viz., Department of Animal Husbandry, GoG; Indian Council of Agricultural Research (ICAR), New Delhi; Department of Biotechnology, GoI; Gujarat State Biotechnology Mission (GSBTM), Department of Science and Technology, GoG; SAUs of Gujarat / Research Institutes; Gujarat State Human Rights Commission, GoG; Department of Education, GoG; National Dairy Research Institute (NDRI), Karnal; Indian Veterinary Research Institute (IVRI), Izatnagar; Central Institute of Fisheries Education (CIFE), Mumbai; National Research Centre for Camels, Bikaner and Central Institute of Research in Goats, Makhdoom, Mathura.

Also, our sincere gratitude goes to different co-operative dairies for supporting our education, extension and students' welfare programmes viz., SAUs of Gujarat, Dairies Amr (Amreli), Amul (Anand), Sabar (Himmatnagar), Dudhsagar (Mehsana), Amul Fed (Mother Dairy, Gandhinagar) and also to the different Gaushalas, livestock owners, dairy entrepreneurs for their cooperation. We are also grateful to over adjunct faculties, Donors of Gold Plated Silver Medals viz., Dr. B. J. Parmar, Shri Purushottambhai I. Patel and Amr Dairy (Amreli).

We would like to express our deepest appreciation to all staff of Kamdhenu University for their sincere efforts for accomplishing different tasks reported here and also to all those who provided us the possibility to complete this report. Special thanks to all those, who worked tirelessly to support the printing of the Report.

We would like to thank everyone who contributed to this endeavor and all those who have contributed directly or indirectly in the growth of the University.

Registrar



Executive Summary

The motto of Kamdhenu University is "Welfare of all living beings". During the period under report, efforts have been made to improve our operational and administrative processes and practices in all the fields of learning leading to welfare of all living beings and this agenda has served the University and its students well, and the doctrines underpinning that agenda have become an integral part of the culture of the University.

During the period under report, Kamdhenu University has taken a major leap in the field of Education, Research, and Extension Education by focusing on student success and alignment of the university's research and teaching missions to advance the economic and social development. These efforts have contributed to improvements in quality of education we provide and research activities we undertake.

Vision:

To be the National Leader in education and research in the fields of Veterinary and allied Sciences

Mission:

- ❑ To excel in Education and Research and make advancement in all the fields of learning leading to welfare of all living beings

- ❑ To shape the students into compassionate Professionals
- ❑ To promote productivity of animal livestock and aquaculture through dissemination of knowledge empowering the stakeholders.

Motto:

सर्वभूत हि ते रताः ।

Means "Striving for welfare of all living beings".

For which Kamdhenu University is working through its educational, research & extension activities with focus on livestock species for their betterment, as we are aware that the livestock species play very important economic and socio-cultural roles for the well-being of rural households, such as food supply, source of income, asset saving, source of employment, soil fertility, livelihoods, transport, agricultural traction, agricultural diversification and sustainable agricultural production.

Further, Kamdhenu University, College of Dairy Science, Amreli has developed innovative "Nanotechnology based dip strip for the instant detection of milk adulterants" and Intellectual Property Rights (IPR) has also be filled.

True to our motto we are committed to uplift the standards of living of common people in India.

During the year 2017-18, two meetings of the Board of Management were held.

The important decisions include the approval of MoUs signed between Kamdhenu University and Indian Veterinary Research Institute (IVRI), Izatnagar, Uttar Pradesh, with RAJUVAS, Bikaner and also with ICAR, CIFT Kochi for commencement of Ph.D in the field of Harvest and Post Harvest Technology in Fisheries. Regulations for instituting Chancellor's gold medal for PG students; Smt. Kamalaben J. Parmar and Amar Dairy, gold plated silver medal to a girl student and to a student securing highest O.G.P.A. were approved.

Academic Programme

We at Kamdhenu University, strongly wish to equip the youth to face the professional world with self-confidence, self-respect and competence. Also, encourage the students to tackle emerging problems and challenges, and to acquaint them with the ethos of international competitiveness and leadership.

Academic Programmes offered by the Kamdhenu University at its constituent as well as affiliated institutes are as follows:

- 1) Postgraduate programme in Veterinary, Dairy and Fisheries sciences.
- 2) Under Graduate programme leading to B.Tech (D.T.) degree.
- 3) Diploma course leading to Diploma in Animal Husbandry.

- 4) In-Service Masters /Ph.D. Programmes

During the year under report, University has given admissions to 75 students for the B.Tech (DT) degree course, 264 students for the Diploma in Animal Husbandry course and 13 in PG programme. During the fourth convocation held on 03rd February 2018, University awarded Postgraduate degree to 7 students, B.Tech (DT) degree to 65 graduate students and Diploma in Animal Husbandry to 75 students.

Research Activities

Kamdhenu University aims to conduct quality research that pushes knowledge frontiers forward and explores potential applications. It also envisages for the development of an ecosystem that links veterinary, dairy, fishery entrepreneurs and industry with young bright students.

During the year under report, Research Projects viz. "Development of Nano-tag and Thread based microfluidic system biosensor for detection of Aflatoxin M1 in milk" & "Development of Probiotics fortified Soy food for Health and Nutritional benefits of Elderly population" got completed and also remarkable developments were achieved in other ongoing Research Projects viz. "Development of low calorie fibre enriched milk-beetroot based Burfi" and "Detection of oil adulteration in milk by chromatographic methods in-tandem with chromogenic methods",

"Preparation of Detailed Project Report (DPR) for e-Animal Health Card" , "Comparative Study of Integrated Farming of Indian Major Carp with Mussel (*Lamellidens marginalis*) and Indian Major Carp (IMC)" and "Complete Nutritional Profiling of a Few Locally Available Ingredients to Design Economically Viable Aqua Feed" . Beside this, activities related to research projects "Establishment of Bioinformatics Labs", "Process optimization of milk based peanut Thabdi" was started.

During the year under report Kamdhenu University signed Memorandum of Understanding (MoU) for the collaborative research with the institutes like Indian Veterinary Research Institute (IVRI), Deemed University, Izatnagar, Uttar Pradesh and Central Institute of Fisheries Technology (CIFT), Cochin, Kerala.

Further, Kamdhenu University through its Ambulatory Clinic carried out treatment of 1427 animals during the year. Technical Seminars on "Role of Veterinarians in Conservation of Wild Animals: Ethics, Tactics & Techniques" was organized on December 07, 2017 and also on "Entrepreneurship Development in Ornamental Fish Culture" was organized by Postgraduate Institute of Fisheries Education & Research, on the occasion of "World Fisheries Day" 21st November, 2017.

Extension Education Activities

During the year under report, the Directorate of Extension Education of University has planned, co-ordinated, organised and guided the extension education programmes of the university in close coordination with other departments, State voluntary organizations, other officers and scientists to boost up and transfer the latest technologies to the farmers. The University has organized various training programmes viz. One day Scientific Animal Husbandry Training Program, One day Dairy Farmers Training (women) Program, Ideal Animal Husbandry Training Program for Gir Maldharis etc. An exhibition highlighting activities and technologies of Kamdhenu University were also organized at XIII Meeting of Combined Joint AGRESCO of SAUs and Kamdhenu University and Krishi Unnati Mela - 2018 during the report period. During the year 2017-18 for the benefits of the Farmers department has carried out the publication of "Gaudhuli" as Quarterly Magazine in Gujarati and in English language Quarterly Newsletter "Kalrav", besides information brochure, Information booklet on various courses of Kamdhenu University, Telephone Directory and University Calendar -2018.

Under ICAR initiated programme "Mera Gaon Mera Gaurav (MGMG)", the Directorate of Extension Education of University has updated the farmers with newly generated technologies, information, knowledge and advisories on regular basis.

Cultural & Co-curricular Activities

During the year under report, Kamdhenu University has organized orientation programme for students, training programme for development of soft skills; personality and competitive examinations, NSS activities; sports activities and cultural activities, Health and welfare programme etc.

Kamdhenu University has organized Third Inter college-Inter Polytechnic sports competition "SPANDAN-2018", Fine arts Competition "SARJAN 2017", Literary Competition "SAMVAD 2017", Music, Dance and Theatre like Competitions in SANSKRUTI 2017-18 and International Yoga Day, Swine Flu Prevention Programme 2017 like activities under Students Health welfare programme during the year under report. Apart from this, the students of University had participated in various other co-curricular activities organized by the colleges/ polytechnics like Tree Plantation, Land levelling program, Elocution and Essay Competition, N.S.S. Cleanliness Day, Essay Competition and other Festival Celebrations etc.

Also, a team of Kamdhenu University has participated in National level competitions like AGRIUNISPORTS 2018 organized by University of Agricultural Sciences (UAS), Bangalore, AGRI UNIFEST 2018 organized at Shri Venkateswara Veterinary University, Tirupati, sponsored by ICAR, National Conference and Debate 2018 held at GBPUAT, Pantnagar, (Uttarakhand).

Library Management

During the year under report, University Library at Headquarter had not only added fairly good number of books and journals but also improve the internet access to facilitate research for better clarity on the topics of interest. The Kamdhenu University Library also extends the services to its users viz. OPAC (Online Public Access Catalog using KOHA), J-Gate (Agricultural and Biological Sciences) e-journals portal, Krishikosh (Institutional repository of masters & doctoral theses of ICAR member institutes & SAUs), NDL (National Digital Library) registration of students etc.

During the year 2017-18, an amount of Rs. 16.93 lakhs was utilized for the purchase of books, subscription of print & electronic journals, institutional lifetime membership for publications and other resources for the library.

Further, a demonstration session for usage of the portal j-gate and One-day book exhibition was organized by the Kamdhenu University during the year under report.

Budget

The University receives the grant mainly from the State Government and other agencies. During the F.Y. 2017-18, the University received grant of ₹ 2649.96 lakhs from State Government against the Sanctioned Budget at ₹ 2649.96 lakhs and ₹ 2.10 lakh from other agencies/institutes. The University also got revalidated the unspent grant of ₹ 323.89 lakhs of previous financial

year (2016-17) for use during the year under report. The University also generates income from its sources Viz. student fee, affiliation fee, tender fee etc.

Construction Activities

During the year 2017-18 university was given the grant of ₹ 443.06 lakhs (inclusive of revalidated grant) for various construction works at Amreli and Himmatnagar. The civil works completed during the year 2017-18 includes construction of compound wall at Bhasmasara / Rohika, Construction of trimix road and paver block work at College of Dairy Science, Amreli and Construction of boys hostel, Construction of veterinary dispensary, Construction of livestock instructional farm at Rajpur (Nava), Himmatnagar.

Further, new building of college of Dairy Science at Shedubhar, Amreli and Polytechnic in Animal Husbandry, Rajpur (Nava), Himmatnagar was inaugurated during the year under report.

A peep into Future:

Kamdhenu University is in its emerging stage of development; hence Research Stations with their lead function are yet to be established. However, the University plans to establish research stations at Amreli, Himmatnagar and other places in near future.

Further, taking a one more step towards digitization and e-paper governance, the University has revamped its existing website, which now provides more technologically advanced interaction/information to all the

stakeholders. Also, the University is committed to go for best available technologically advanced options in the field of education, research, extension and other activities in order to facilitate stakeholders in better way.

Please go through the Chapters of the Annual report, in order to get the insight of the Kamdhenu University activities in detail in various relevant fields which is carried by its faculties and other technical and administrative staff during the year under report.

Our Torch Bearers

Shri O. P. Kohliji

Hon'ble Chancellor and The Governorshri of Gujarat

Shri Babubhai Bokhiriya

Hon'ble Cabinet Minister of Agriculture and Animal Husbandry and Fisheries
(01st April, 2017 to 27th December, 2017)

Shri Ranchhodbhai C. Faldu

Hon'ble Cabinet Minister of Agriculture and Animal Husbandry and Fisheries
(28th December, 2017 onwards)

Shri Bachubhai M. Khabad

Hon'ble Minister of State department of Animal Husbandry, Cow Breeding

Shri Parshottambhai O. Solanki

Hon'ble Minister of State department of Fisheries

Prof. M. C. Varshneya

Hon'ble Vice-Chancellor
(19th August, 2014 to 18th August, 2017)

Dr. P. H. Vataliya

Hon'ble Vice-Chancellor
(22nd August, 2017 to 31st March, 2018)

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Chapter – 1

Introduction



1.1 Introduction

Kamdhenu University is established by the Gujarat Act No. 9 of 2009, after having received the assent of the Governor and first published in the "Gujarat Government Gazette" on 7th July, 2009. The Act is to establish and incorporate a teaching and affiliating university for the development of veterinary and animal sciences, and for furthering the advancement of learning, conducting of research and dissemination of findings of research and other technical information in veterinary and animal sciences including dairy science, fisheries and allied sciences in the state of Gujarat having its headquarters at Gandhinagar. It was a well thought strategy of the State Government for focusing on state specific needs and demands for research and education in the field of Veterinary, Animal Husbandry and Fisheries Sciences. Kamdhenu University though started in 2009, its actual functioning started from August, 2014 with the appointment of the first Vice-Chancellor, Prof. M. C. Varshneya.

University is open to all irrespective of sex, race, religion, class, caste, creed, place of birth or political or other opinion. The University is a body corporate consisting of the Chancellor, the Vice-Chancellor, the Board of Management, the Academic Council, the Faculties and their Boards of Studies, other authorities and officers. The Governor of Gujarat by virtue of his office is the Chancellor of the University. During the year under report, Shri O. P. Kohli, Hon'ble Governor of Gujarat is the Chancellor of the University by virtue of his office, who being the head of the University remains present and preside over the convocation of the University. The first Vice-Chancellor was appointed in 2014 with realization of challenges in the Veterinary and livestock sectors of the current century. Considering strength acquired by University in last four years and opportunities waiting at large for further achievements and progress, university has to overcome lot many weaknesses along with the great many threats.

University has vision, mission and motto as below.

1.2 Vision:

The Vision of Kamdhenu University is to be the National Leader in Education and Research in the fields of Veterinary and Allied Sciences.

1.3 Mission:

The Mission of Kamdhenu University is

- To excel in education and research and make advancement in all the fields of learning leading to welfare of all living beings.
- To shape the students into compassionate professionals.
- To promote productivity of animals / livestock and aquaculture through dissemination of knowledge empowering the stakeholders in the respective sectors.

1.4 Motto:

The motto of the Kamdhenu University is "सर्वभूतहिते स्ताः ।" means striving for welfare of all living beings. The Kamdhenu University is working for welfare of all living beings through its multi-faceted academic, research and extension education programme with focus on animals, milk and fisheries to uplift the socio-economic status of farmers and people at large.

1.5 Headquarter and Jurisdiction:

Headquarter of the university is at Gandhinagar as declared by the

Government of Gujarat vide notification No. GHK-72-2014-KPY- 2012-VIP-292008-P-1 dated 26th August, 2014.

The jurisdiction of the university is entire state of Gujarat with respect to teaching, research and extension education programme of university or college level, in the field of veterinary and allied sciences. Thus university is to assume responsibility for the establishment and maintenance of veterinary, animal husbandry, dairy, poultry and fishery training or educational centers and research and experimental stations and undertake the programme of training to field or extension workers through its centers in the different parts of the State. All colleges, research and experimental stations and other institutions falling under the jurisdiction and authority of the university need to be the constituent units of the university under the management and control of the university including the affiliated colleges and recognized institutes. No educational institution imparting education or conducting and guiding research or conducting and guiding programme of extension education in Veterinary and allied sciences and situated within the university jurisdiction shall, save with the approval of the university and the sanction of the State Government, be associated in any way with, or seek admission to any of the privileges of any other university established by law.

1.6 Goals and Objectives:

The objectives of Kamdhenu University are as follow:

- (a) Making provision for imparting education in veterinary and allied sciences at undergraduate and postgraduate levels leading to bachelor's, master's and doctoral degrees in various colleges and PG Institutes at veterinary and animal husbandry sciences, dairy technology and fisheries and diplomas in animal husbandry, dairy and fisheries sciences.
- (b) Furthering the advancement of learning and conducting of research in veterinary and allied sciences by
 - Upgrading technical competence of teachers by re-designing course curriculum as suggested by ICAR/ Dean's Committee/VCI and co-ordinating the teaching with research in the field of veterinary and allied sciences.
 - Development of new strains/ synthetics or breed and developing the technologies for enhancing the livestock productivity so as to improve the socio-economic status of farmers of Gujarat and for doubling of the farmers income by 2022.
 - Development of packages of scientific practices for cattle and buffaloes management, dairy management suitable for the various agro-climatic zone of the state.
- To develop cutting edge technologies in the field of bio /nano-technologies pertaining to veterinary and animal husbandry.
- To educate rural youth in the various disciplines of veterinary and allied sciences through vocational courses leading to skill enhancement and self employment.
- (c) Undertaking the extension education through appropriate media in veterinary and allied sciences.
 - Imparting training to the officers, extension workers, field functionaries of the various line departments of Government of Gujarat, NGOs, farmers and entrepreneurs from the state of Gujarat. To conduct short and long term trainings for livestock entrepreneur, women entrepreneur, rural youth and tribals.
 - To demonstrate recent advanced technologies developed by the university in the field of veterinary, animal husbandry, dairy and fisheries through field demonstration.
 - Transmit beneficial technologies to the farmers and rural through mass media, information technologies and video conferencing.

- (d) Making provision for the study of basic sciences with a view of supporting other professional studies and thereby integrating such studies in the university curriculum.
- (e) Undertaking the integration of teaching, research and extension education in veterinary and allied sciences with a view of promoting the productivity of animals and livestock.
- (f) Conferring such degrees, diplomas, certificates and other academic distinctions as the university may deem fit.
- (g) To develop qualified livestock, poultry, dairy and fisheries entrepreneurs for uplifting the rural standards and to provide advisory services to the industries, livestock entrepreneurs, government and non-government organizations (NGO's)

Above goals and objectives of the university are to be fulfilled through education, research and extension education in the following manners.

1.7 Education

The resident instruction in the university includes bachelor's degree, master's degree and doctorate degree programmes and short/long term diploma and certificate courses in the disciplines of veterinary and animal science, dairy, fisheries and other allied sciences as may be prescribed.

1.8 Research

The university through its research council shall be the principle agency to carry on strategic, basic and applied research activities in veterinary, animal husbandry, dairy, fisheries and allied sciences within its jurisdiction. The university with the concurrence of the state government may establish regional or the zonal research stations and sub-stations in different zones within its territorial jurisdiction for the conduct of research including operational research.

1.9 Extension Education

The extension programme shall be established in the university and shall ensure technology assessment and refinement and facilitate adoption of technology based on research findings to farmers and others for accelerated growth in animal husbandry and allied fields. It shall conduct demonstrations and training programme for the benefit of various stakeholders. Extension shall co-ordinate with various units of the university and other appropriate agencies of the central/state Government for developing extension models in veterinary and allied sciences.

1.10 Focus and Thrust Areas

Kamdhenu University has identified following focus and thrust areas for veterinary, dairy fisheries sciences.

1. Strengthening of inter-institute collaboration for research and development programme on upgradation and genetic improvement of indigenous breeds for sustainable productivity.
2. Development of infrastructural facilities for establishment of livestock / dairy / fish research farms/stations for carrying out the research studies on breeding, feeding, nutrition, management production and reproduction as well as on dairy/fish technologies for dairy/fish products and processing.
3. Under 'One health program' convergence and awareness enhancement of the livestock owners with regards to relationship between animal health and public health, specifically in the area of zoonotic diseases and newly emerging diseases.
4. Nano technological approaches for development of instant, fast and novel tools for detection of adulterants in milk and milk products.
5. Value addition in indigenous dairy products and food supplements using local edible feed additives.
6. Biotechnological interventions in aquaculture with respect to disease diagnosis and seed improvement.
7. Soil and water quality management for fresh water aquaculture practices.



Chapter – 2 *University* *Administration* *and Management:*

Marching Forward Along Our Path



2.1 Introduction

Kamdhenu University is marching forward along its path to achieve its strategic mission. While ensuring the university success, employees are engaged and motivated to work in congenial environment to achieve the goals and targets. In moving forward, we have targeted our operational initiatives to align with strategic plans by initially identifying the ways to leverage and develop technologies as a means to improve internal efficiency across all disciplines, functions and activities.

It is a matter of satisfaction that university has made steady progress in a relatively short period of time in terms of expansion of its infrastructure and academic programme. With available manpower university has accelerated its growth in the realm of education, research and extension with highly motivated faculty members, staff members, administrators and enthusiastic students.

2.2 Human Resource Management on Swings

The Administration and academic- cum technical support services, controlled and coordinated through administration; consist of sections established on functional basis, as depicted in the Figure-2.1. The organization decision making channel is given in Figure. 2.2

The Chancellor is the head of the University and Vice Chancellor is the principal executive and academic officer of the University. By virtue of his office, he is the Chairman of the Board of Management and the Academic Council and other authoritative committees of the University. During the year under the report, Prof. M. C. Varshneya worked as Vice Chancellor up to completion of his tenure i.e. August 18, 2017. Since then, Dr. P. H. Vataliya, Director of Extension Education is working as in-charge Vice Chancellor i.e. from August 22, 2017 onwards.

The Vice Chancellor

The university is looked after by the Vice Chancellor in consultation with state government, who is the principal whole time officer. By virtue of his office, he is the chairman of the Board of Management and the Academic Council and other authoritative bodies of the university. The Vice Chancellor being principal executive and academic officer exercises general control over the affairs of the university and is responsible for maintaining discipline in the university. It is the duty of the vice chancellor to ensure that the provisions of the Act, the Statutes and Regulations are faithfully observed by the authorities, officers and its employees. He is also responsible for presentation of annual financial estimates and annual accounts to the Board.

The university has implemented the principles of decentralization of powers for smooth administration and functioning. Administrative as well as financial powers are delegated to various university officers, head of units and head of offices at the different places of the university. The administrative structure is framed in such a way that it coordinates and integrates the education, research and extension education at all the levels. Presently, the university has adapted the common statutes of SAUs of Gujarat, *mutatis mutandis* for regulating the present functionaries.

Decision making authorities:

In accordance with the Kamdhenu university Act, 2009 (section 20) following university authorities were functional during the year 2017-18

- (1) The Board of Management
- (2) The Academic Council
- (3) The Veterinary and Animal Sciences Research Council
- (4) The Veterinary and Animal Sciences Extension Education Council
- (5) The Faculties
- (6) The Board of Studies
- (7) The Planning Board
- (8) The Finance Committee

Apart from these, following committees were also functional during the period under report.

- (1) Purchase Committee
- (2) Construction Committee
- (3) Library Committee
- (4) Gender Committee
- (5) Examiners' Committee

2.3 Powers and Functions of University

1. To provide for education and instructions for undergraduate and post-graduate in veterinary and allied sciences and other branches of learning by establishing and maintaining colleges, schools, centers, departments and institutions.

2. To lay down courses of instruction for the various examinations, hold examinations and to confer degrees, diplomas and other academic distinctions on persons who have pursued the approved courses of studies or have done research work in the university or in affiliated colleges or recognized institutions; relating to veterinary and allied sciences;
3. To provide for conduct of research in veterinary and allied sciences and other branches of learning by establishing and maintaining laboratories, libraries, research stations, institutions and museums for teaching, research and extension education.
4. To provide for dissemination of the findings of research, technology and technical information by arranging lectures, instructions and trainings to field workers, village leaders and other persons through extension education programme and to grant certificates to them as may be prescribed;
5. To withdraw or cancel any degree, diploma and do the academic distinctions conferred or granted by the University in the manner as may be prescribed;
6. To collaborate and co-operate with other universities, and institutions in such manner and for such purposes as the university may determine;
7. To create posts for teaching, research and extension education, administrative, ministerial and other purposes and to make appointment thereto;
8. To institute and award fellowship, scholarships, stipends, medals, prizes and other awards and to make arrangement for training for competitive examinations for recruitment to services under the state/central government.
9. To establish, maintain and manage hostels and residential accommodations for students and staff of the university;
10. To fix, demand, receive and recover such fees and other charges, as maybe prescribed;
11. To co-ordinate, supervise, regulate and control the residence, conduct and discipline of the students of the university , and to make arrangements for promoting their education, health and welfare;
12. To make special provision for research and extension education in veterinary and allied sciences in relation to arid areas and areas prone to scarcity in the state of Gujarat.
13. To institute and manage bureau of information and of employment for the benefit of students of the university.
14. To associate or admit educational institution with , or to the privileges

of the university by way of affiliation, recognition or approval and to inspect colleges/ recognized and approved institutions for ensuring proper standards of instruction, teaching and training and for maintaining them with adequate library and laboratory provisions therein.

15. To withdraw or modify either in whole or in part, affiliation, recognition or approval of educational institutions;
16. To lay down and regulate the scales of salaries and allowances and other conductions of service

of the teachers, other academic and non-teaching staff of the university with the approval of the state Government.

17. To provide for the recognition of students unions or associations of teachers, academic staff or other employees of the university, affiliated colleges and recognized institutions.
18. To hold and manage trusts and endowments and to do all such other acts and things required in furtherance of the objects of the university.

Kamdhenu University Staff



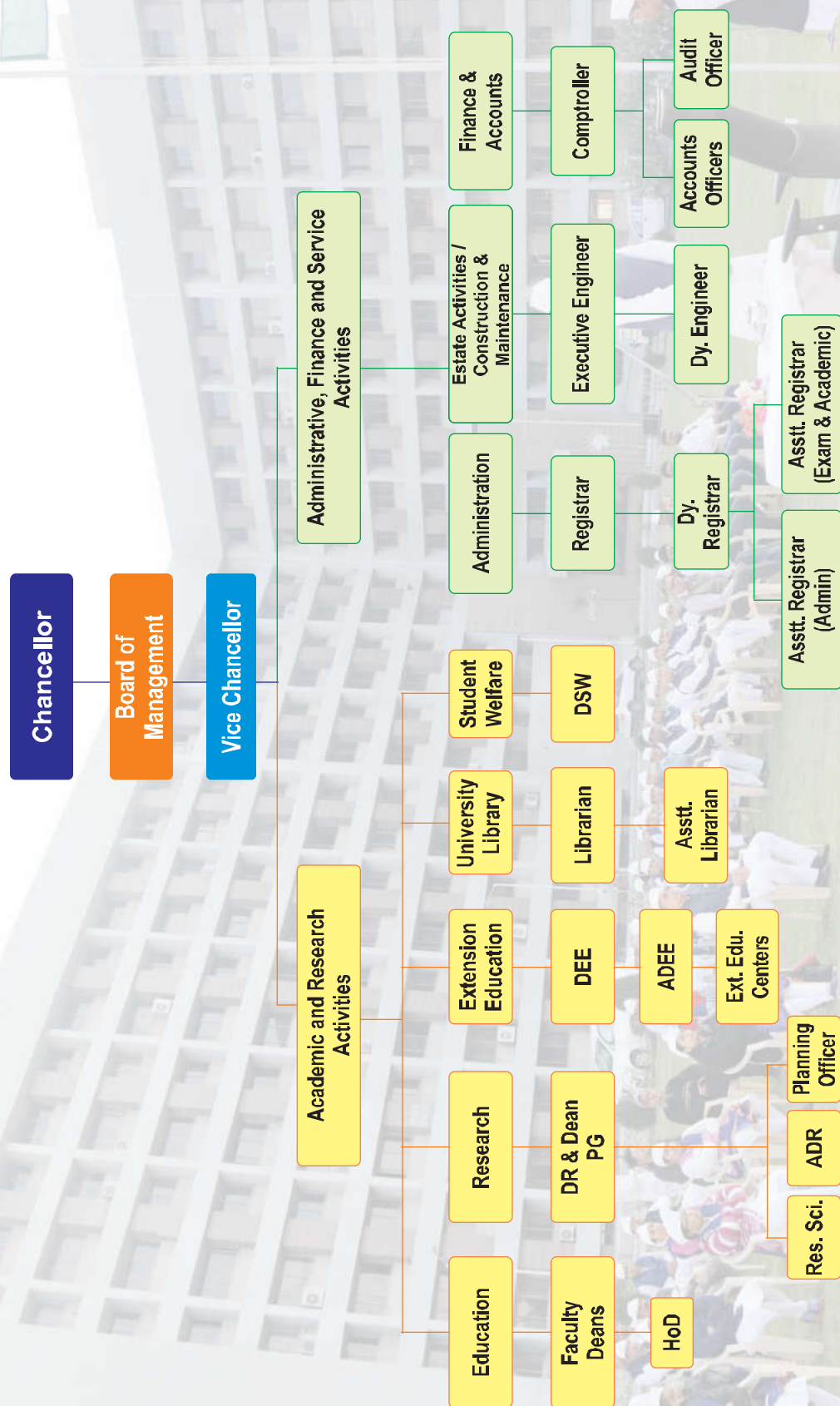


Figure - 2.1 Organization Setup

Organizational Chart and Decision Channel

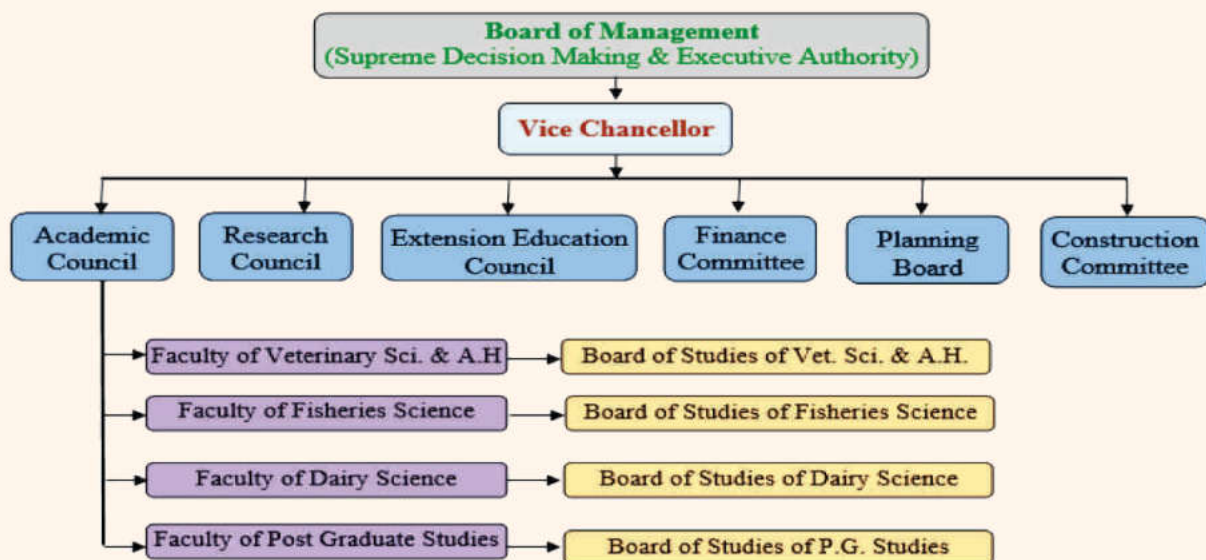


Figure - 2.2 Organization Chart and Decision Channel

Board of Management

The Board of Management a chief executive body is responsible for managing and supervising the properties and activities of the university and also responsible for conduct of all administrative affairs of the university. The constitution of Board of Management of Kamdhenu University is mentioned in Table 2.1.

Powers and functions of Board of Management

- | | |
|---|--|
| <p>a) To accept, acquire, hold, control, administer and dispose of property of university and to make the provisions for buildings, premises, furniture, apparatus etc for carrying out the university work;</p> <p>b) To consider and review the financial requirements of the university , to approve the budget, annual accounts and annual financial estimates and to provide</p> | <p>c) To manage and regulate the finances, accounts and investments as well as borrowing and repayment of money;</p> <p>d) To appoint committees (standing/ temporary) as per the requirements of the university and specify the terms of references thereof subject to the provisions of Act and Statutes;</p> <p>e) To determine and regulate all policies related to university;</p> <p>f) To approve the recommendations for appointment of officers, teachers and other employees of the university and make provisions for instruction, teaching and training of courses of study as determine by academic council in the field of veterinary and allied</p> |
|---|--|

for administration of funds placed at the disposal of the university;

- sciences and for research and dissemination of the knowledge;
- g) To promote postgraduate teaching, research and extension education through establishment, management and maintenance of colleges, departments, institutes of research, hostels, libraries, laboratories, experimental farms etc;
- h) To affiliate / recognize colleges / institutions of research and extension education in the field of veterinary and allied sciences;
- i) To make arrangements for inspection / withdrawal / modifications in the affiliated colleges. recognized institutions and hostels for insuring proper conditions of employment and to control and coordinate of the such colleges, including regulations of the fees and to recommend the State Government suitably;
- j) To recognized/withdraw a member the staff of affiliated colleges/
- recognized institutions as university teacher and to lay down and regulate their pay structures ;
- k) To make provisions for to instituting and conferring degrees/ diplomas and other academic distinctions and also to provide for institution, maintenance and award of fellowships/scholarships/ studentships/ medals / prizes and other awards;
- l) To accept, bequests, donations and transfer of property to the university;
- m) To enter in to, vary, carry out and cancelled the contract on behalf of the university;
- n) To make provisions of to use of Gujarati, Hindi, English as medium of instruction for examinations;
- o) To consider the approval of academic council, research council and extension education council and to make, amend and repeal the statutes.

Table 2.1 : Constitution of the Board of Management

Sr. No.	Designation of members	Name of the members attending the meeting	
		9 th meeting held on June-19,2017	10 th meeting held on Feb 02, 2018
1.	The Vice Chancellor, Chairman	Prof. M. C. Varshneya	Dr. P. H. Vataliya
2*	The Secretary in-charge of animal husbandry (Dr. S. Murli Krishna- IAS) or his representative	Shri D. N. Erda, Joint Secretary	—
3*	The Secretary department of finance (Shri Milind Torawane- IAS) or his representative	Shri D. T. Parmar, Dy. Secretary	—

4*	The Secretary department of education (Smt. Anju Sharma- IAS) or his representative	—	—
5	The Director of Animal Husbandry, Gujarat State	Dr. A. J. Kachhia Patel	
6	The Commissioner of Fisheries Gujarat State (Shri Mohammad Shahid-IAS)	—	—
7	Representative of Veterinary Council of India, New Delhi (Dr. K. Krishna Kumar)	—	—
8	President Gujarat Veterinary Council	Dr. A. J. Kachhia Patel	
9	Registrar, Ex-officio Secretary	Shri N. G. Akolkar	Dr. R. R. Shah
	Class II- Other members		
10**	One progressive Livestock Owner	Not nominated	Shri V. D. Karavadra
11**	One poultry entrepreneur		Not nominated
12**	One representative of dairy industry		
13**	One representative of Pharmaceutical or Vaccine Institute		
14**	One eminent Educationist		
15**	Two eminent Scientists from the field of Veterinary and allied Science		

* Representative not below the rank of deputy secretary

** Nominated by State Government

Meetings of Board of Management

In its Ninth Meeting of the Board of Management held on June 19, 2017 members approved the conditional renewal of provisional affiliation of various polytechnics of animal husbandry and MIDFT to Kamdhenu university for the academic year 2017-18, subject to submission of revised inspection report pertaining to the deficiencies observed during the regular inspection. Members also resolved to withdraw the provisional affiliation of Noble polytechnic in animal husbandry, Junagadh and Navsarjan polytechnic in animal husbandry, Vijapur with im-

mediate effect for the year 2017-18. Revised fee structure of MIDFT as well as diploma in animal husbandry course, independent admission process to various courses of Kamdhenu university i.e. Diploma, UG and PG from the academic year 2017-18 and onwards, fee refund policy for various courses, the various MoUs signed by Kamdhenu University with Indian Veterinary Research Institute (IVRI), Izatnagar, Uttar Pradesh; RAJUVAS, Bikaner and also CIFT (ICAR), Kochi for commencement of Ph.D in the field of Harvest and Post Harvest Technology in Fisheries were approved. Board also resolved to approve the list of legal

consultants, advocates along with their tentative fees and also appointment of account / audit officer.

In the Tenth meeting members of the Board approved the list of graduates, post graduates and diploma holders for the award of degree and diploma certificates, award of Chancellor's gold medal; Vice Chancellor's gold medal and other gold plated silver medals to be awarded to the graduates; post-graduates and diplomas holder during the fourth convocation. Board also approved the acceptance of donation from Dr. B. J. Parmar, ex. Deputy Registrar, Kamdhenu University and from Amar Dairy, Amreli for the award of gold medal to best girl student and to the student of dairy science college of Amreli. Regulations for instituting Chancellor's gold medal for PG students; Smt. Kamalaben J. Parmar and Amar Dairy, gold plated silver medal to a girl student and to a student securing highest O.G.P.A. were approved. Board also resolved to approve the new schemes for the year 2018-19, budgetary provision for the year 2018-19, annual accounts report, audit report, university annual report etc.

2.5 Academic Council

As per the Kamdhenu University Act 2009, the Academic Council is an authority next to Board of Management constituted under section 20 of the Act. The constitution of Academic Council of Kamdhenu University is mentioned in the Table-2.2.

Powers and functions of Academic Council

- The Academic Council has a control on teaching, examination and other

educational programme within the university and is responsible for the maintenance of standards thereof;

- To make regulations and advise the Board in all academic matters subject to the provisions of this Act and the Statutes ,including the control and management of libraries;
- To make recommendations for the institutions of teaching, research and extension education faculties;
- To formulate, modify or revise schemes for teaching, research and extension education and to make recommendations regarding the qualifications of teaching, research and extension education staff in the University
- To make regulations for admission of students to the University, regulations related to the courses or study leading to degrees, diplomas, certificates and other academic distinctions and arrange for co-ordination of studies and teaching in the colleges/institutions;
- To recommend to the Board the affiliation of a college and recognition of an institution
- To make regulations relating to the determination of curriculum, conduct of examinations, and to maintain and promote their standards;
- To make recommendations regarding postgraduate teaching research and extension education.
- It is also advisory to the Board for the all academic matter and to formulate, modify, revise schemes for constitution/ re-constitution of departments of teaching, research and extension education.

Table 2.2 : Constitution of Academic Council

Sr. No.	Designation of members of Academic Council		Name of the members attended the 8 th , 9 th and 10 th meeting held on		
			15/6/2017	24/1/2018	19/3/2018
1.	The Vice Chancellor	Ex-officio Chairman	Prof. M. C. Varshneya	Dr. P. H. Vataliya	
2	The Director A.H., Guj.or his representative	Ex-officio Member	Dr. Falguni Thaker, Joint Director, AH		
3	The President Guj. Vet. Council or his representative	Ex-officio Member	Dr. A. K. Ganatra, Dy. Dir. A. H	Not attended	
4	The Dir. of Res. and Dean PGS	Member	Dr. D. B. Patil		
5	The Director of Ext. Education	Member	Dr. P. H. Vataliya		
6	The Dean of Veterinary Faculty	Member	Dr. S. B. Deshpande		
7	The Dean of Dairy Faculty	Member	Dr. V. M. Ramani	---	Dr. V. M. Ramani
8	The Dean of Fisheries Faculty	Member	Shri N. G. Akolkar	Shri Vivek Srivastava	Dr. Smit Lende
9	The Director of Student Welfare	Member	Dr. B. N. Patel		
10	The University Librarian	Member	Ms. Hiral Shukla		
11	The Dean of the college (MIDFT, Mehsana)	Member	Dr. Dharmendra Shukla		
12	HoD, Veterinary Sci. Faculty	Member	Not appointed		
13	HoD, Veterinary Sci. Faculty	Member	Not appointed		
14	HoD, Dairy Sci. Faculty	Member	Dr. Kunal Ahuja	---	Dr. Kunal Ahuja
15	HoD, Fisheries Sci. Faculty	Member	Not appointed		
16	Dr. A.R. Pathak Vice Chancellor, JAU, Junagadh	Co-opted Members	Not attended		
17	Dr. H. Rahman ILRI, Regional representative for S. Asia	Co-opted Members	Not attended	Attended	Not attended
18	Dr. A.K. Singh DDG (Agri. Ext.), ICAR, New Delhi	Co-opted Members	Not attended		
19	The Registrar	Member Secretary	Shri. N.G. Akolkar	Dr. R. R. Shah	
20	Invitee	Dy. Registrar	Shri Manish Gupta		
21	Invitee	Asst. Registrar	---	Shri N. J. Dave	---

Academic Council in its eighth meeting recommended for renewal of provisional affiliation of Diploma in Animal Husbandry Course for Academic Year 2017-18 for all the affiliated polytechnics (except Navsarjan PAH, Vijapur and Noble polytechnic, Junagadh) and affiliation of B. Tech. (Dairy Technology) Course of MIDFT, Mehsana to the Board of Management. Council also recommended for approval of revised fee structure of affiliated polytechnics, fee refund policy of KU, amendment in the regulations for the awards of diploma in animal husbandry, 2014 for the award of bachelor's degree in dairy technology, 2015. Academic Council also recommended implementation of 5th Dean's Committee Report in the "The Regulations for Bachelor of Technology (Dairy Technology) degrees in the Dairy faculty.

Academic Council in its ninth meeting recommended the list of the eligible students for award of B. Tech (D.T.) degree, award of diploma in A.H. and PG (M.V.Sc. & M. F. Sc.) degrees; name of the candidates receiving the Chancellor's and Vice Chancellor's gold medals and other silver plated gold medals; to the Board of Management (As given in annexure-I). Academic Council recommended regulations for instituting the Chancellor's medal to PG student as well as the regulations for instituting Smt. Kamalaben J. Parmar medal for girl's and Amr dairy medal for boy's.

In its tenth meeting Academic Council reviewed and recommended for renewal of provisional affiliation for the Academic Year 2017-18 of institutes mentioned in Table-2.3.

Table 2.3 : Provisionally affiliated Institutes

Sr No	Name of the Polytechnic/ College	Name of the trusts/institutes
1	Polytechnic in Animal Husbandry, Khadsali	Shri Kundla Taluka Seva Mandal, At. & Po. Khadsali, Ta. Savarkundla, Dist. Amreli
2	Keshvam Polytechnic in Animal Husbandry	Shri Sarvoday Vividh Vikas Seva Sangh, At. Chhapi, Ta. Idar, Dist. Sabarkantha
3	Riddhi Polytechnic in Animal Husbandry	Riddhi Education Trust, At. Motipura, Ta. Himmatnagar, Dist. Sabarkantha
4	Vrundavan Polytechnic in Animal Husbandry	Shree Vrindavan Gaushala (Jivdaya) Trust, Khanpar road, Jasdan-Dist Rajkot
5	GVM Polytechnic in Animal Husbandry	GopalakVikas Mandal, At. Aniyad, Ta. Shahera, Dist. Panchmahals
6	MIDFT, Mehsana	Dudhsagar Research and Development Association (DURDA), Mehsana

Note: The matter for renewal of provisional affiliation of Navsarjan polytechnic in A.H. managed by Uttar Gujarat Shikshan Seva Trust, At. Devpura -Ranchhodpura (Vijapur), Dist. Mehsana and Noble Polytechnic in A.H., managed by Shri Vivek Bharati Trust, Bhesan Road, Dist. Junagadh for the year 2017-18 is pending before Hon'ble High Court of Gujarat.

Academic Council also approved the formats of Mark sheet / Transcript / Result notification and Thesis Evaluation Report etc issued so far and the formats

to be issued now onward; revised fee structure of the diploma course for the year 2018-19; the rules for punishment and procedure in case of use of Unfair Means / Acts / Misconduct at the University Examination" and constituted a committee under the chairmanship of Dean, Dairy Faculty for a review of proposed modification in the "Regulations for Affiliation of College of Dairy Science to Kamdhenu University, 2015" in view of implementation of 5th Deans committee report for B.Tech (DT) programme.



Academic Council and Board of Management Meeting

Chapter – 3

Education

"आ नो भद्राः क्रतवो यन्तु विश्वतः" *May auspicious thoughts come to us from all over the world.*



3.1 Introduction

The Kamdhenu University is to provide access to quality education and training for skills development in veterinary and animal husbandry, dairy and fisheries sciences leading to Diploma, Bachelors, Masters and Ph. D degrees, for creating and encouraging the students to tackle emerging problems and challenges, and to acquaint them with the ethos of international competitiveness and leadership.

The University is striving hard for betterment of livestock with selfless services to the farmers. We strongly wish to equip the youth to face the professional world with self confidence, self-respect and competence. The University has a College of Dairy Science at Amreli, a Polytechnic in Animal Husbandry at Himmatnagar and three Postgraduate institutes (each in Veterinary, Dairy, Fisheries) as its constituent units. Apart from this university has one affiliated college of dairy science and PG center (Dairy)

located at Mansinhbhai Institute of Dairy and Food Technology, Mehsana, and seven affiliated Polytechnics in Animal Husbandry at various places of Gujarat.

In line with the National initiative on ranking of Indian institutions, ICAR has initiated ranking of agricultural universities with a larger objective to improve the standard of Indian universities in world university framework. Kamdhenu University has been ranked at 61st positions amongst agricultural universities of India by ICAR for the year 2017.

3.2 Central Admission Process

During the academic year 2017-18 Kamdhenu University conducted admission procedure independently. The university had conducted all admission related activities and admissions were given in various diploma, degree and PG level courses. The applications for Diploma, UG, and PG courses were invited online, merit list was prepared and students were given admissions through counseling rounds by the university.

3.2.1 Faculty of postgraduate studies

Eligibility criteria for admission of Postgraduate programme

A candidate for admission to the Master degree programme should have minimum requirement of marks at the bachelor degree of the respective faculty level as mentioned in Table 3.1.

The selection of candidate for the admission was on the merit basis. The merit list was prepared by giving 50:50 weightage to the OGPA (percentage basis) of the last degree and marks

Table 3.1 : Eligibility Criteria for PG

Sr. No.	Percent/Grade Point obtained in Qualifying Exam		Percent / O.G.P.A. (Out of)
	General	SEBC* / ST/SC/PC	
1	60%	55%	Traditional System out of 100%
2	6.0	5.5	10 Point

obtained in the common entrance test examination and marks of sports, if applicable. Students admitted in year 2017-18 are shown in the table-3.

Table 3.2 : Intake capacity and students admitted in various PG programme

Name of the Institute	Intake	Admitted
Postgraduate Institute of Veterinary Education and Research, Kamdhenu University, Gandhingar	16	00
Postgraduate Institute of Fisheries Education and Research, Kamdhenu University, Gandhingar	05	05
Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli	09	06
Mansinhbhai Institute of Dairy & Food Technology, Mehsana	12	02

Subjects of Veterinary Faculty in which degree of M.V.Sc. is offered

- * Animal Genetics and Breeding
- * Animal Nutrition
- * Livestock Production and Management
- * Animal Reproduction, Gynaecology and Obstetrics

Subjects of Dairy Faculty in which degree of M. Tech (Dairy) is offered

- * Dairy Chemistry
- * Dairy Microbiology

- * Dairy Engineering
- * Dairy Technology

Subjects of Fishery Faculty in which degree of M.F.Sc. is offered

- * Aquaculture

Board of Studies: The Kamdhenu University Act provides for Board of Studies under Section-30 of its Act. The constitution of Board of Studies and details of its second meeting held on June 14, 2017 is given below:

Table 3.2 : Constitution and list of members attending 2nd meeting of Board of PG studies

Sr. No.	Designation as per the constitution	Name of the person with Designation
1	Special Invitee	Prof. M. C. Varshaneya Hon'ble Vice Chancellor
2	Director of Research & Dean PGS	Dr. D. B. Patil, Chairman
3	Director of Extension Education	Dr. P. H. Vataliya, Member
4	Dean, Fisheries Faculty	Shri N. G. Akolkar, Member
5	Dean, Dairy Faculty	Dr. V. M. Ramani, Member
6	Associate Director of Research	Dr. R. G. Shah, Member
7	Dean, Veterinary Faculty	Dr. S. B. Deshpande, Member
8	I/C Registrar	Shri N. G. Akolkar, Member
9	Dean & Principal, MIDFT, Mehsana	Dr. Dharmendra Shukla, Member
10	Head of Department, Dairy Technology	Dr. K. K. Ahuja, Member
11	Assistant Professor	Shri Vivek Shrivastava, Member
12	Co opted member	Dr. J. V. Solanki, Former Dean & Principal, College of Veterinary Science & A. H., AAU, Anand
13	Invitee	Dr. Vishal Suthar, Planning Officer, Member
14	Assistant Registrar	Shri Nirag Dave, Member Secretary

In this meeting of board of PGS the Academic Regulations and the information booklet for Postgraduate programme of Kamdhenu University to be implemented from the Academic Year 2017-18 onwards were discussed and recommended to the Academic Council for their approval.

3.2.2 Undergraduate admission

Faculty of Dairy Science

It is the privilege of the University

to have the inauguration of its new building of college of Dairy Science at Shedubhar, Amreli, by Hon'ble Prime Minister of India, Shri Narendra Modi on his 68th birthday, i.e. 17th September, 2017. This event would go a long way in the history of Kamdhenu University. The college is already making its impact in dairy industry through its state-of-the-art technology, excellent research facilities and quality education in Dairy Technology.



Inauguration of Dairy Science College by Shri Narendraabhai Modi, Hon'ble PM of India, Shri Vijaybhai Rupani, Hon'ble CM of Gujarat, Ministers of Cabinet and other dignitaries.

Apart of this, university also have one more college of dairy science at Mansinhbhai Institute of Dairy and Food Technology, DURDA, Mehsana imparting graduate and postgraduate level education to the students.

Eligibility criteria for admission: The candidates who are domicile of Gujarat and have passed Higher Secondary School Certificate Examination in Science stream with Physics, Chemistry and Mathematic (PCM) with English as a

compulsory subject from any statutory University / Gujarat Board/ other board in State or Examinations recognized as equivalent thereto by the University are admitted following the reservation criteria fixed by Government of Gujarat (given below).The minimum requirement of marks obtained in the subjects of Physics, Chemistry and Mathematics (PCM) in theory papers at the HSCE examination for admission to B. Tech.(Dairy Tech.) are mentioned in Table 3.3.

Table 3.3 : Eligibility Criteria for UG

Sr. No.	Category	Marks
(i)	For Schedule Caste Candidates	35%
(ii)	For Schedule Tribe Candidates	35%
(iii)	For Socially and Educationally Backward Class Candidates	40%
(iv)	For General Category candidates and Candidates not covered above (i), (ii) and (iii)	40%

A candidate who has passed the qualifying examination and

- Has appeared in the GUJCET of current academic year or any other examination as decided by the State Government from time to time were eligible for admission.
- Merit list was prepared considering 60 % weightage of the marks obtained in the Theory Papers Physics, Chemistry and Mathematics (PCM) subject and 40 % of the marks obtained in GUJCET or any

other entrance test as notified by the State Government.

Table:4 Intake capacity and students admitted at various colleges of Dairy Science during the academic year 2017-18

Name of the College	Intake Capacity	Students Admitted
CDS, Amreli (Constituent)	40	37
MIDFT, Mehsana (Affiliated)	40	38

Each of the above College has five departments viz. Dairy Microbiology, Dairy Chemistry, Dairy Technology, Dairy Engineering and Dairy Business Management as per the requirements of ICAR for B. Tech. (DT) course.

Details of students who passed out in the academic year 2017-18 is given Table 3.5.

Table 3.5 : B.Tech. (Dairy Technology) students who obtained their degree in the academic year 2017-18

Sr. No.	Name of College	First Class with Distinction	First Class	Second Class	Pass Class	Total
1.	College of Dairy Science, Amreli	13	19	5	00	37
2.	MIDFT, Mehsana	08	15	05	00	28

The faculty of Dairy Science: The constitution of faculty of Dairy Science is mentioned in Table 3.6.

Table 3.6 : Constitution of Faculty of Dairy Science

Sr. No.	Designation of Member	Name of the member attending the 2 nd meeting
1	Vice-Chancellor- Special Invitee	Prof. M. C. Varshneya
2	The Dean of the Faculty - Chairman	Dr. V. M. Ramani
3	The Director of Research and Dean PG Studies	Dr. D. B. Patil
4	The Director of Extension Education	Dr. P. H. Vataliya
5	Principal, MIDFT, Mehsana	Dr. D. A. Shukla
6	The Head of the Department and Professors	
7	Dairy Microbiology	Dr. V. M. Ramani
8	Dairy Engineering	Prof. B. M. Patel
9	Dairy Business Management	Shri Manish Parmar
10	Dairy Chemistry	—
11	Dairy Technology	—
	Co-opted members	
12	Associate Professor, CDS, Amreli	Shri M. N. Hingu
13	Associate Professor, CDS, Amreli	Shri A. J. Thesiya
14	Associate Professor, CDS, Amreli	Shri A. S. Hariyani
15	Assistant Professor, CDS, Amreli	Shri A. K. Solanki
16	Assistant Professor, CDS, Amreli	Shri Shubhas Prasad
	Invitee Member	
17	Registrar	Shri N. G. Akolkar
18	Assist. Professor, MIDFT, Mehsana	Dr. Falguni Patra
19	Assist. Professor, MIDFT, Mehsana	Dr. Karuna Meghwal
20	Assistant Registrar (Academic) Member Secretary	Shri N. J. Dave

Second meeting of the Faculty of Dairy Science Kamdhenu University was held on 13/06/2017 at Kamdhenu University, Gandhinagar. Following resolutions were made:

1. Recommended modifications in the Regulation No. 37.3,40.6,40.8 and 41.9 of "Regulations for Bachelor of Technology (Dairy Technology) Degree of Faculty of Dairy Science of Kamdhenu University, 2015" to the Academic Council for approval and for implementation from the Academic Year 2017-18 onwards.
2. Recommendations of Fifth Dean's Committee Report to be adopted for B.Tech. (D.T) degree of Faculty of Dairy Science of Kamdhenu University along with modifications were recommended to the Academic Council for approval and for implementation from the Academic Year 2017-18 onwards.
3. Recommended semester wise distribution of Courses as per ICAR's Fifth Dean's Committee Report for B.Tech. (D.T) degree course with modifications to the Academic Council for approval and implementation from the Academic Year 2017-18 onwards.
4. Recommended the change in nomenclature from "Dairy Science College", Amreli to "College of Dairy Science", Amreli to Academic Council for approval.

3.2.3 Educational Tour

College of Dairy Science, Amreli arranged an educational tour for final year B. Tech. (DT) students. During the tour organized between 05/02/2018 to 14/02/2018, students visited 12 dairy plants and 4 renowned educational institutes. MIDFT, Mehsana also organized an educational tour for final year B. Tech. (DT) students during 01/01/2018 to 13/01/2018 and visited dairy plants and educational institutes of national repute.

3.2.4 Faculty of Veterinary Science and Animal Husbandry

Polytechnics in Animal Husbandry

The most glittering event of the year was inauguration of the building of Polytechnic in Animal Husbandry, Rajpur (Nava), Himmatnagar & laying of Foundation stone for construction of Gaushala and students hostel at Himmatnagar on 28th May, 2017 in the august presence of Shri Radha Mohan Singhji, Hon'ble Union Minister of Agriculture and Farmers Welfare, Guest of Honour Shri Parshottam Rupala, Hon'ble Minister (State) Agriculture and Farmers Welfare, Panchayati Raj, Government of India and Shri Ramanlal Vora, Hon'ble Speaker Gujarat Assembly and Shri Babubhai Bokharia, Hon'ble Minister of Animal Husbandry, Shri Chimanbhai Sapariya, Hon'ble Minister of Agriculture and Energy, Gujarat other dignitaries from Union and State Cabinet, media members, large number of farmers, villagers, staff and students of Kamdhenu University.

Polytechnic Programme-Diploma in Animal Husbandry

(A) Admission procedure:

To be eligible for admission to Diploma in Animal Husbandry course, the candidate should have passed Secondary School Certificate Examination of Gujarat State or other

equivalent examination along with English as compulsory subject. Reservation criteria are as per government norms. The minimum marks obtained in Gujarati / Regional language, Mathematics, Science / Science & Technology, Social Science / Social Studies and English subjects required are given in Table 3.7.

Table 3.7 : Eligibility Criteria for Diploma in AH

Sr. No.	Category	Percentage of Marks of Five Subjects*
1	For Scheduled Castes Candidates (SC)	40%
2	For Scheduled Tribes Candidates (ST)	35%
3	For Socially and Educationally Backward Communities Candidates (SEBC)	40%
4	For all other candidates (General category)	45%

* Gujarati / Regional language, Mathematics, Science / Science & Technology, Social Science / Social Studies and English

Details of the intake capacity and the students admitted at various polytechnics for the year 2017-18 is given in Table 3.8.

Table 3.8 : Intake capacity and students admitted at various polytechnic in AH.

Name of the Polytechnic	Intake capacity	Students Admitted
Polytechnic in Animal Husbandry, Himmatnagar (Constituent)	50	40
Polytechnic in Animal Husbandry, Khadsali, Dist. Amreli(Affiliated)	50	36
Riddhi Polytechnic in Animal Husbandry, Himmatnagar (Affiliated)	50	44
Keshvam Polytechnic in Animal Husbandry, At. Chhapi, Dist. Sabarkantha (Affiliated)	50	43
Navsarjan Polytechnic in Animal Husbandry, At. Vijapur, Dist. Mehsana, (Affiliated)	50	12
Vrundavan Polytechnic in Animal Husbandry, At. Jasdan, Dist. Rajkot, (Affiliated)	50	32
GVM Polytechnic in Animal Husbandry, at Shahera, Dist. Panchmahal (Affiliated)	50	45
Noble Polytechnic in Animal Husbandry, Dist. Junagadh(Affiliated)	50	12
Total	400	264

3.3 Educational Tour

As part of Farm training programme, Polytechnic in Animal Husbandry, Himmatnagar, Rajpur (Nava) organized Educational tour for 46 students of sixth semester during 09th to 15th July 2017. Students visited various educational institutes/ organizations of Gujarat.

3.4 Fourth Convocation:

Fourth Convocation "The crowning moment of the University" was held on February 3, 2018 at GMERS Medical College Auditorium, Gandhinagar. to award degrees viz. M.V.Sc., M.F.Sc., B.Tech (Dairy Technology) and Diploma in Animal Husbandry to the students of Kamdhenu University.

Hon'ble Vice-Chancellor of the University Dr. P. H. Vataliya welcomed the dignitaries on the dais, off the dais, distinguished guests, teachers, officers, staff members, students and other invitees on this occasion.

Hon'ble Chancellor of the University and Governorshri of Gujarat, Shri O. P. Kohliji presided over the

Convocation and conferred the degrees. Prof. A. K. Misra, Hon'ble Vice Chancellor, G. B. Pant University of Agriculture and Technology, Pantnagar was the Chief Guest who delivered Convocation address. Shri Jaydrathsinghji Parmar, Hon'ble Minister of State (Agriculture, panchayat and Environment), congratulated the students and advised them to apply their expertise for the benefit of the society, state and country. Dr. P. H. Vataliya, Hon'ble Vice Chancellor of the University congratulated students and briefed about the academic, research and extension activities of the University and future plans for its development.

During the Convocation, 7 PG students, 65 B. Tech Degree Students and 75 Diploma in Animal Husbandry students were awarded with degree and diploma. Four Gold medals and Four Gold plated silver medals were also awarded to the students. List of the recipients is given in the Annexure-3.1. Third Annual report (2016-17) of Kamdhenu University was also released by Hon'ble Governorshri of Gujarat, Shri O. P. Kohliji.

Table 3.9 : Awards of Degree and Diploma at Fourth Convocation

Sr. No.	Name of Institute	Number of Students
1	College of Dairy Science, Amreli (Constitute)	37
2	College of Dairy Science, MIDFT, Mehsana (Affiliated)	28
3	Polytechnic in Animal Husbandry, Rajpur Nava, Himmatnagar (Constitute)	46
4	Polytechnic in Animal Husbandry, Khadsali (Affiliated)	29
5	Postgraduate Institute of Veterinary Education and Research, Gandhinagar	4
6	Postgraduate Institute of Fisheries Education and Research, Gandhinagar	3
	Total	147



4th

Convocation





Chapter – 4

Research and Planning

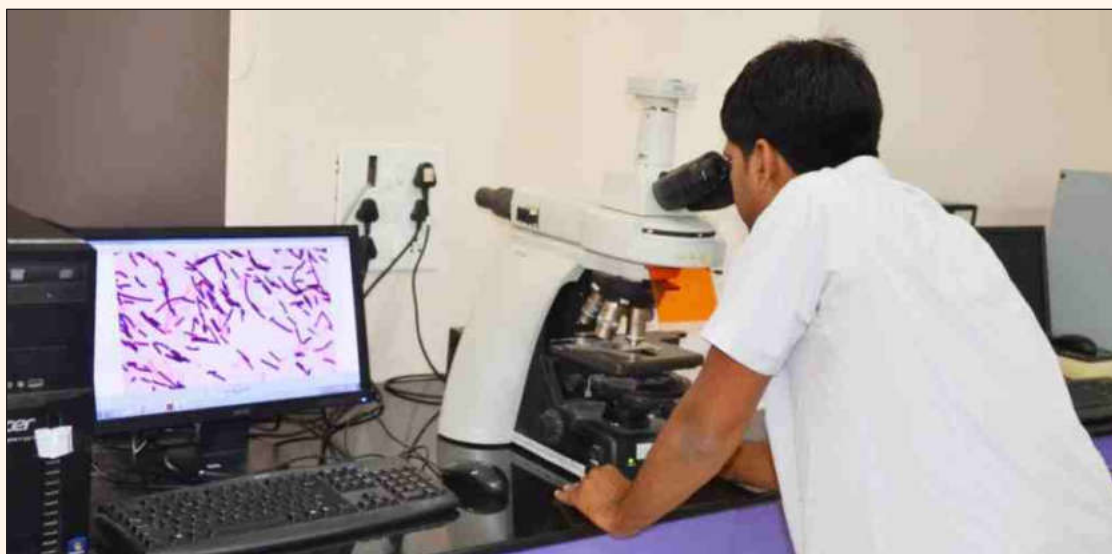
Framework for guiding action



Kamdhenu University has very good research base to cater the need of the livestock owners and fishermen of the state. The main objective of the research in the university is to develop technologies for augmenting livestock productivity and doubling the farmer's income to uplift the socio-economic status of the farmers of the state. University mainly undertakes the research on livestock, poultry and fishery management and health problems as well as dairy production and technologies. Kamdhenu University also aims to conduct quality research that pushes knowledge frontiers forward and

explores potential applications. It also envisages for the development of an ecosystem that links veterinary, dairy, fishery entrepreneurs and industry with young bright students.

The monitoring of the research work is being done directly through the set system of the University as well as agricultural research subcommittee (veterinary and animal science, dairy and fishery sciences). The committee meeting is held regularly every year to evaluate the progress of research work, research findings of the experiment carried out and scrutiny of the new research programme for their refining.



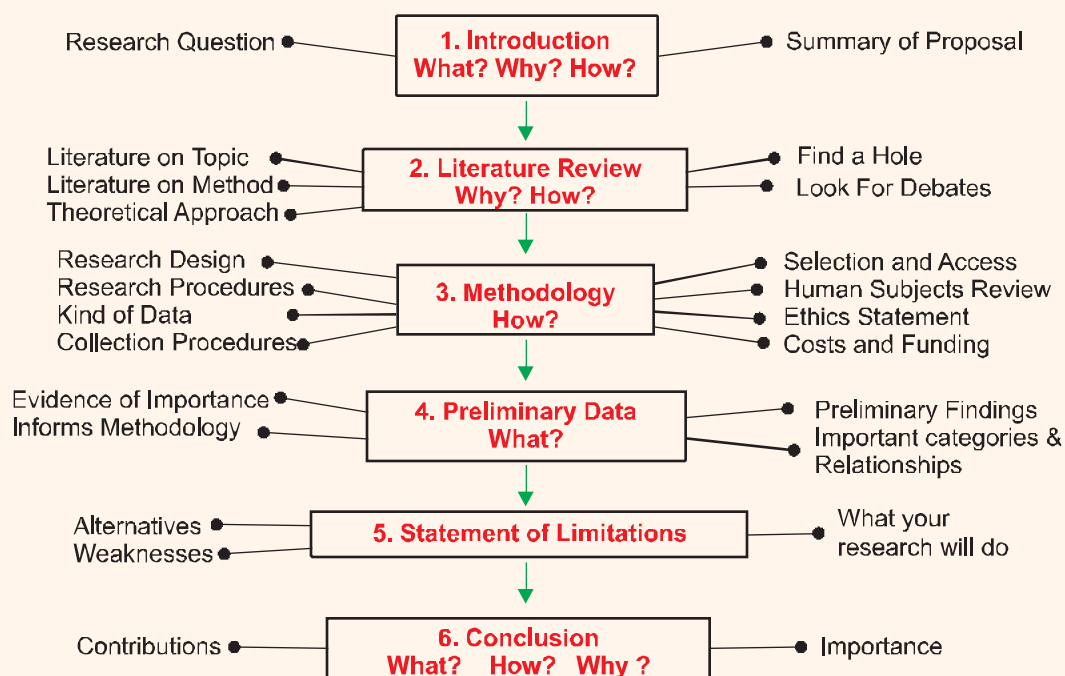
4.1 Staff: The staff position of Directorate of Research is given in the Table 4.1 :

Table No. 4.1 Details of staff under Directorate of Research

Sr. No.	Designation	Name
1.	Director of Research and Dean PG Studies	Dr. Deepak B. Patil
2.	Associate Director of Research	Dr. Rohit G. Shah
3.	Planning Officer	Dr. Vishal S. Suthar
4.	Sr. Research Assistant	Dr. Tanvir Fatima Momin
5.	PS to DR & Steno (Grade-I)	Mr. Mir Mohammad Shaikh
6.	Computer Programmer	Mr. Vivek S. Joshi
7.	Sr. Clerk	Ms. Jahanvi P. Vyas
8.	Lab Technician	Ms. Hetal Vaghela
9.	Junior Clerk	Mr. Pratik U. Jani
10.	Junior Clerk (Out sourced)	Mr. Nadeem H. Gandharva
11.	Junior Clerk (Out sourced)	Mr. Pravin Makvana

Figure 4.1 : Flowchart of Priorities / Decision making in Research, KU, Gandhinagar

Research Proposal Flow Chart



4.2 Veterinary and Animal Sciences Research Council (VASRC)

The Kamdhenu University Act provides for Veterinary and Animal Sciences Research Council (VASRC) under Section-25 of the Act. The main function of this council is (1) to consider and make recommendations in respect of research programme and projects undertaken or to be undertaken by the University units in the State in the field of Veterinary Science and Animal Husbandry and other allied Sciences with a view to promote effective co-

ordination; (2) Physical, fiscal and administrative facilities required for implementing research projects; (3) Orienting research to meet farmers' need, integration of research, extension education and teaching and participation of research workers in teaching and extension education programme; and any other matter pertaining to research programme.

The First Meeting of Veterinary and Animal Sciences Research Council (VASRC) of Kamdhenu University, was held on March 22, 2018, wherein the following members were present.

Table 4.2 : VASRC Committee

Sr. No.	Member	Designation	Name of the Member
1.	Vice Chancellor	Chairman	Dr. P. H. Vataliya
2.	The Director of Animal Husbandry, Gujarat State or his representative	Member	—
3.	The Commissioner of Fisheries, Gujarat State or his representative	Member	—
4.	Director of Research & Dean PG Studies	Member Secretary	Dr. D. B. Patil
5.	Director of Extension Education,	Member	Dr. P. H. Vataliya
6.	Associate Director of Research		Dr. R. G. Shah
7.	Dean & Principal, Veterinary faculty		Dr. S. B. Deshpande
8.	Dean & Principal, Dairy Faculty, Amreli		Dr. V. M. Ramani
9.	Dean, Fisheries Faculty		—
10.	Dean of the College, MIDFT, Mahesana		—
11.	Director of Student's Welfare		Dr. B. N. Patel
12.	Principal (I/c), PAH, Himmatnagar		Dr. A. I. Dadawala
13.	HoD from Dairy Science College		Dr. Tanmay Hazra
14.	HoD from Veterinary Faculty		—
15.	HoD from fisheries faculty	Nominated Member	—
16.	Assistant Professor, PGIVER,		Dr. T. P. Patel
17.	Assistant Professor, Veterinary Faculty		Dr. V. S. Suthar
18.	Assistant Professor, PGIFER		Dr. Smit Lende
19.	Assistant Professor, PGIFER		Mr. Sujit Kumar
20.	Assistant Professor, CDS, Amreli		Dr. Tanmay Hazra
21.	Eminent Scientist (Retd. Professor), College of Veterinary Science & Animal Husbandry, AAU, Anand		Dr. K. S. Prajapati
22.	Registrar	Invited Member	Dr. R. R. Shah

In the meeting, agendas on publishing of official research Journal "Kamdhenu Research Journal", completed institutional research projects and their recommendations to the scientific community, ongoing research projects and new technical projects were discussed.

4.3 Memorandum of Understanding (MoU) signed by Kamdhenu University for the collaborative research with following Institutions.

4.3.1 Indian Veterinary Research Institute (IVRI), Deemed University, Izatnagar, Uttar Pradesh (01-05-2017)

The broad objectives of the MoU signed with IVRI are as follow.

- To promote and facilitate scientific cooperation among each others for conducting joint research in the field of animal husbandry and dairying.
- To provide the platform to the students and researchers for carrying out research relevant to field issues in veterinary sciences.
- To extend the infrastructure, library, laboratory facilities

- To collaborate educational programme including In-service PG for KU teachers.

4.3.2 Central Institute of Fisheries Technology (CIFT), Cochin, Kerala (15-06-2017)

The broad objectives of the MoU signed with CIFT are as follow.

- To collaborate for laboratory and library facilities for conducting of Masters'/Ph.D research of PG students.
- To promote and facilitate scientific cooperation for conducting joint research in the field of Fisheries Sciences.

4.4 Research Projects functioning at the university

Kamdhenu University is in its emerging stage of development; hence Research Stations with their lead function are yet to be established. However, the University plans to establish research stations at Amreli, Himmatnagar and other places in near future. Following ongoing research projects are functioning at the different campuses of the university.

Table No. 4.3 Details of the ongoing research projects at Kamdhenu University

Sr. No.	Title	Year of sanction	Location
1	Establishment of Postgraduate Institute of Veterinary Education and Research	2015	Gandhinagar
2	Establishment of Veterinary Hospital		Himmatnagar
3	Establishment of Postgraduate Institute of Dairy Education and Research		Amreli
4	Establishment of Postgraduate Institute of Fisheries Education and Research		Gandhinagar
5	Strengthening of PG Institutes of Veterinary and Dairy Science for Education and Research		Gandhinagar
6	Establishment of Teaching Veterinary Clinical Complex, Rajpur (Nava), Himmatnagar		Himmatnagar

4.5 Clinical Activities at Kamdhenu University

The staff members of Directorate of Research and PGIVER were regularly involved in Ambulatory Clinical Services at Sanoda village of Gandhinagar district and in the treatment of animals at KU, HQ. They also provided expert services in clinical camps organized by KU, Gandhinagar at Dehgam, Nana Jalundra, Halisa, Vadodara and Pali (Rajasthan) and in the camps organized by other institutions on request.

Ambulatory Clinic

As a part of training to PG students, an ambulatory clinic has been started at ICDP Center, Sanoda village,

Dist-Gandhinagar since 1st July, 2016. Students get clinical experience under guidance of experts on duty. New technology like hand held ultra sonography is used and medicines are provided to farmers. Details of the cases treated is given in the table no. 4.4 Details of Clinical cases treated at Sanoda Dist Gandhinagar .

Table 4.4 : Clinical Cases treated

Sr. No.	Discipline	Number of cases treated
1	Gynecology	993 (cattle and buffalo)
2	Medicine	174 (cattle and buffalo)
3	Surgery	51 (cattle and buffalo)
4	-	209 (Pet and other Animals treated at HQ)
Total		1427

Glimpses of clinical activities



4.6 Technical Programme approved by Research Sub Committee meeting of Kamdhenu University and Joint AGRESCO-2017

Research subcommittee meeting of Veterinary, Dairy and Fisheries Faculties of Kamdhenu University was

conducted on 30.03.2017. The research meeting was chaired by Prof. M. C. Varshaneya, Vice Chancellor. Dr. D. B. Patil, Director of Research & Dean, PG Studies acted as Co-Chairman of the meeting. Dr. R. G. Shah, Associate Director of Research acted as Rapporteur.

4.5 Dairy Faculty

1	Project title	Development of Nano-tag and Thread based microfluidic system biosensor for detection of Aflatoxin M1 in milk.
	Location	College of Dairy Science (CDS), Amreli.
	Funding Agency	Department of Biotechnology, Ministry of Science and Technology, Government of India, New Delhi
	Total Cost (₹ in lakhs)	₹ 46.45
	Objectives	Optimization of developed nano technology based dip strip for the detection of aflatoxin M1 in milk.
	Year of start	2014
	Date of completion	01-12-2017
	Status (New/Ongoing/ Completed)	Completed
	Name of PI, Co-PI	Dr. V. M. Ramani, Principal and Dean, College of Dairy Science, KU, Amreli.
	Work carried out during 2017-18	Nanotechnology based dip strip for the detection of aflatoxin M1 in milk has been optimized at different storage condition.
	Brief summary of outcome	This nanotechnology based dip strip can be used for easy and fast detection of aflatoxin M1 in milk.

2	Project title	Development of Probiotics fortified Soy food for Health and Nutritional benefits of Elderly population
	Location	College of Dairy Science (CDS), Amreli.
	Objectives	Development of probiotic fortified soy chocolate ice cream

Funding Agency	Department of Science and Technology, Ministry of Science and Technology, Government of India, New Delhi.
Total Cost (₹ in lakhs)	₹ 29.74
Year of start	2014
Date of completion	19-08-2017
Status (New/Ongoing/Completed)	Completed
Name of PI, Co-PI	Dr. V. M. Ramani, Principal and Dean, College of Dairy Science, KU, Amreli.
Work carried out during 2017-18	Optimization of probiotic fortified soya chocolate bar using spray dried microencapsulated L. fermentum VRAT_06.
Brief summary of outcome	This probiotic fortified soya chocolate bar confers the combination of nutritional benefits of soya and health benefits of probiotic to the consumer.

3	Project title	Development of low calorie fibre enriched milk-beetroot based Burfi
	Location	College of Dairy Science (CDS), Amreli.
	Funding Agency	Kamdhenu University, Gandhinagar
	Objectives	<ol style="list-style-type: none"> 1. Optimization of the formulation for the manufacture of milk-beetroot based fibre enriched low calorie Burfi. 2. Evaluation of the physico-chemical, nutritional, sensory, microbial quality and antioxidant potential of the optimized product. 3. Evaluation of the effect of type of packaging material on the physico-chemical, sensory and microbial quality of the optimized product during storage. 4. Techno-economic feasibility and consumer survey of the milk-beetroot based fibre enriched low calorie Burfi.
	Year of start	2016
	Likely date of completion	March, 2019

Status (New/Ongoing/Completed)	Ongoing
Name of PI, Co-PI	PI : Dr. Kunal K. Ahuja, Assistant Professor, CDS, Amreli
	Co-PI : Dr. V. M. Ramani, Principal, CDS, Amreli
	Mr. A. J. Thesiya, Assistant Professor, CDS, Amreli
	Mr. A. S. Hariyani, Assistant Professor, CDS, Amreli
Work carried out during 2017-18	<ul style="list-style-type: none"> During the current year beetroot was analyzed for proximate composition. Optimization trials for objective-I are in progress. A total of 38 trials have been taken as per the runs suggested by the Design Expert software. Once all the run and replicates are completed formulation will be optimized (Objective-I) using Design Expert Software.
Brief summary of outcome	Optimization trials for objective-I are in progress. Subsequent objectives will be completed after optimization of the formulation.

4	Project Title	Establishment of Bioinformatics Labs
	Location	College of Dairy Science (CDS), Amreli.
	Funding Agency	Gujarat State Biotechnology Mission, Gandhinagar (GSBTM).
	Objectives	Metagenomics study of raw milk micro-organisms for quality and safety of dairy products.
	Date of Start	09-10-2017
	Status (New/Ongoing/Completed)	New
	Name of PI, Co-PI	Dr. V. M. Ramani, Principal and Dean, College of Dairy Science, KU, Amreli.
	Work carried out during 2017-18	<ul style="list-style-type: none"> Work Station and computer facilities and CLC Genomics Workbench and MATLAB-Bioinformatics Toolbox were procured from GSBTM, Gandhinagar.

		<ul style="list-style-type: none"> Arrangement of remote training of MATLAB and CLC for staff and PG students were made by GSBTM at CDS, Amreli.
	Brief Summary of outcome	Hardware and software procurement has been carried out by College of Dairy Science, Amreli and arrangements for training of MATLAB and CLC for staff & PG students were obtained from GSBTM for human resource development at CDS, Amreli.
5	Project Title	"Making Kamdhenu University, College of Dairy Science, reform ready for accreditation"
	Location	College of Dairy Science (CDS), Amreli.
	Funding Agency	Innovation Grant of NAHEP, ICAR, New Dlehi
	Objectives	<ul style="list-style-type: none"> Strengthening /Modernization/ Digitalization of classroom facilities, library facilities and placement cell. Establishment of alumni cell, centres for entrepreneurship development and experiential learning unit.
	Date of Start	21/03/2018
	Likely date of Completion	31/03/2020
	Status (New/Ongoing/ Completed)	New
	Name of Nodal officer	Dr. D. B. Patil, Director of Research and Dean PG Studies, KU, Gandhinagar.
	Name of PI, Co-PI	Dr. V. M. Ramani, Dean, Dairy Science Faculty, KU, Gandhinagar.
	Work Carried out 2017-18	Initiated Strengthening/ Modernization and Digitalization of classroom facilities and library facilities.
	Brief Summary of outcome	Strengthening/Modernization of classroom facilities and Digitalization of library facilities has been initiated.

6	Project title	Process optimization of milk based peanut Thabdi
	Location	College of Dairy Science (CDS), Amreli.
	Funding Agency	Kamdhen University, Gandhinagar
	Objectives	<ul style="list-style-type: none"> • Optimization of pre-treatment process of peanut and stage of peanut addition • Optimization of the level of peanut, milk Fat/SNF ratio and sugar content in the Thabdi formulation. • Comparison of optimized product with market sample. • Techno-economic feasibility and consumer survey.
	Year of start	2017
	Likely date of completion	2019
	Status (New/Ongoing/Completed)	New
	Name of PI, Co-PI	PI : Mr. A. J. Thesiya, Assistant Professor, CDS, Amreli Co-PI: Dr. V.M. Ramani, Principal, CDS, Amreli Dr. K. K. Ahuja, Assistant Professor, CDS, Amreli Mr. A. S. Hariyani, Assistant Professor, CDS, Amreli Dr. Tanmay Hazra, Assistant Professor, CDS, Amreli Mr. A. K. Solanki, Assistant Professor, CDS, Amreli
	Work carried out during 2017-18	<ul style="list-style-type: none"> • The effect of open pan roasting of peanut at different time interval (4min, 6min, 8min) on sensory evaluation of milk based peanut Thabdi (MPT) was completed. • Products were also prepared by incorporating grinded peanut at various stages like initial stage (with milk), at pat formation stage and blending at the end (with finished product) • Studied its effect on sensory evaluation of MPT under the first objective.

	Brief summary of outcome	<ul style="list-style-type: none"> Based on highest sensory score of product, open pan roasting treatment of peanut for 4 minutes time interval. Addition at pat formation stage will be selected for further optimization.
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7	Project title	Detection of oil adulteration in milk by chromatographic methods in-tandem with chromogenic methods
	Location	College of Dairy Science (CDS), Amreli.
	Funding Agency	Kamdhenu University, Gandhinagar
	Objectives	<ul style="list-style-type: none"> Study of physico-chemical properties of milk during adulteration of oil in milk Detection of oil in milk using chromatographic techniques Development of new chromogenic test for detection of oil in milk
	Year of start	2017
	Likely date of completion	2019
	Status (New/Ongoing/Completed)	New
	Name of PI, Co-PI	P.I : Dr. Tanmay Hazra, Assistant Professor, CDS, Amreli Co. P.I : Dr. V. M. Ramani, Principal, CDS, Amreli Mr. A. S. Hariyani, Assistant Professor, CDS, Amreli Dr. K. K. Ahuja, Assistant Professor, CDS, Amreli Mr. A. Thesia, Assistant Professor, CDS, Amreli
	Work carried out during 2017-18	<ul style="list-style-type: none"> All fat constant has been evaluated for detection of oil in milk. A simple TLC test based on unsaponifiable matter analysis has been evaluated. A method has been standardized for analysis of triglyceride in milk fat using GLC.

		<ul style="list-style-type: none"> • Trials are going on for development of simple chromogenic test for detection of oil in milk.
	Brief summary of outcome	<ul style="list-style-type: none"> • Traditional fat constant analysis not able to detect oil in milk. • Standardized TLC based method are efficient to detect 3% oil adulteration in milk.

4.6 Fisheries Faculty

1	Project title	Comparative Study of Integrated Farming of Indian Major Carp with Mussel (<i>Lamellidens marginalis</i>) and Indian Major Carp (IMC)
	Location	Gandhinagar
	Funding Agency	Kamdhenu University
	Objectives	To delineate the growth performance in terms of biomass of IMC with and without mussel integration
	Year of start	2016
	Likely date of completion	2019
	Status (New/Ongoing/ Completed)	Ongoing
	Name of PI, Co-PI	PI - Mr. Vivek Shrivastava, Assistant Professor, KU Co-PI - Dr. Smit R. Lende, Assistant Professor, KU
	Work carried out during 2017-18	IMC advance fry was stocked in newly constructed pond after performing water culture to build plankton population. Note: water loss was observed due to seepage and hence work was paused and planned to go for plastic lining which is under progress.
	Brief summary of outcome	Integration offers optimum use of space, recycling of waste, high production and profit. Integration of Indian major carp and mussels may show beneficial effects in terms of biomass and water quality. Further, at later stage mussels can be used for pearl production.

2	Project title	Complete Nutritional Profiling of a Few Locally Available Ingredients to Design Economically Viable Aqua Feed
	Location	Gandhinagar
	Funding Agency	Kamdhenu University
	Objectives	<ol style="list-style-type: none"> 1. To study the amino acid profile of a few selected conventional & non-conventional plant & animal origin feed ingredients. 2. To study the proximate composition of conventional & non-conventional plant & animal origin feed ingredients. 3. To screen the selected conventional & non-conventional plant & animal origin feed ingredients for its possible use in practical diets on few commercially available freshwater fish spp.
	Year of start	2016
	Likely date of completion	2019
	Status (New/Ongoing/ Completed)	Ongoing
	Name of PI, Co-PI	PI- Mr. Vivek Shrivastava, Assistant Professor, KU Co-PI- Dr. Smit R. Lende, Assistant Professor, KU
	Work carried out during 2017-18	Fatty acid profiling of commonly available vegetable oils were carried out and compared with fish oil to identify its potential as a fish oil replacement.
	Brief summary of outcome	Feed is the most expensive component in any culture system. Several feed ingredients are available locally which are nutritionally superior, easily available and low in cost. Carefully segregation of these ingredients for feed formulation may reduce pressure on existing ingredients especially fish meal and fulfill the food demand also. This project will be helpful to formulate economically viable aqua feed. The work is in progress.

4.7 Veterinary Faculty

1	Title	Preparation of Detailed Project Report (DPR) for e-Animal Health Card
	Location	Gandhinagar
	Funding Agency	National e-Governance Division (NeGD), Government of India, New Delhi
	Total Cost (₹ in lakhs)	₹ 30 Lakh
	Objectives	Preparation of Detailed Project Report (DPR) for e-Animal Health Card by giving unique identification to the Livestock in order to facilitate systematic recording of demographic, production and reproduction data.
	Year of start	22-02-2016
	Date of completion	2018
	Status (New/Ongoing/ Completed)	Ongoing
	Name of PI, Co-PI	Co-ordinator : Dr. D. B. Patil P.I. : Dr. Vishal Suthar, Assistant Professor Co-investigators : Dr. R. G. Shah, ADR, KU Dr. T. M. Momin, Senior Research Assistant
	Work done during 2017-18 Brief achievement	Three hundred twenty five registrations have been made for the e- Animal health card. Generated Templates for recording demographic, production and reproduction data and started entry in the pilot version of e-AHC.

2	Title	Dynamics of vaginal metabiota during estrous cycle and its association with reproductive hormones in Bubalus bubalis
	Location	Gandhinagar
	Funding Agency	Kamdhenu University
	Objectives	1. To study the vaginal metabiota during various stages of estrous cycle 2. To know the association between the dynamics of metabiota and reproductive hormones during various stages of estrous cycle

	3. To know the association between the dynamics of metabiota and haematological parameters during various stages of estrous cycle
Year of start	March, 2017
Year of completion	March, 2018
Principal Investigator	PI : Dr. Vishal Suthar, Assistant Professor Co-PI : Dr. R. G. Shah, Associate Director of Research Dr. T. M. Momin, Senior Research Assistant
Work done during 2017-18	Samples collected from animals and data generated regarding metabiota present in various stages of estrous cycle (Number of Animal may please be shown)
Brief achievement	Established association between the dynamics of metabiota and reproductive hormones during various stages of estrous cycle

4.7 Technical seminars

Title: Role of Veterinarians in Conservation of Wild Animals: Ethics, Tactics & Techniques

The Postgraduate Institute of Veterinary Education & Research (PGIVER) organized a One Day Technical Seminar on "Role of Veterinarians in Conservation of Wild Animals: Ethics, Tactics & Techniques" on December 07, 2017. The programme was inaugurated by Dr. P. H. Vataliya, Hon. Vice Chancellor and Shri G. K. Sinha, Principal Chief Conservator of Forests & Chief Wildlife Warden of Gujarat was the Chief Guest of the function.

The seminar was a congregation of wildlife veterinarians, general veterinary practitioners, postgraduate students of veterinary science and fisheries science, wildlife rescuers and

enthusiasts, counting around 100 participants. Shri G. K. Sinha addressed with his broad perspective on importance of education pertaining to the wildlife. Further, he highlighted the significance of ethical considerations to be taken while dealing with wild animals. Dr. P. H. Vataliya discussed about research thrust areas and future prospects in wildlife veterinary practice which encouraged the distinguished participants.

Invited experts Mr. Jigar Upadhyay (Member, IUCN-SSC-CSG, India), Mr. Dhaval Varagiya (Founder, MWCC), Mr. Vivek Shrivastava and Dr. C. M. Bhadesiya delivered expert talks on various aspects of wildlife including handling and ethical aspects associated with reptiles, wetland birds, marine animals, big cats, post-mortem examinations in wild animals etc.

Title: Entrepreneurship Development in Ornamental Fish Culture

One day technical seminar on "Entrepreneurship Development in Ornamental Fish Culture" was organized by Postgraduate Institute of Fisheries Education & Research, on the occasion of "World Fisheries Day" 21st November, 2017 at Kamdhenu University, Gandhinagar. total 60 participants including academia, farmers, state fisheries department officials and entrepreneurs have attended the seminar. Dr. P. H. Vataliya, Hon. Vice Chancellor, Kamdhenu University inaugurated the seminar. The principle objective of the seminar was to create awareness and provide insight on entrepreneurship through series of technical presentations by experts on different component of ornamental fish industry.

Hon. Vice chancellor of the Kamdhenu University, Dr. P. H. Vataliya in his presidential address emphasized

on the vast opportunities associated with fisheries and aquaculture with special focus on ornamental fish industries. Dr. C. K. Misra, Scientist in Charge and Senior Scientist, RRC, ICAR-CIFA, Anand, Gujarat has graced the occasion as chief guest and delivered a lecture on the **"Policies for fresh and marine ornamental fish industry"**.

Dr. Ajit Chaudhari, Scientist, ICAR-CIFA, Anand, Mr. Raju Vala Asst. Prof. COF, Navsari Agricultural University, Mr. Jaymin Bhatt, SMS, KVK, AAU, Devataj, Mr. Vivek Shrivastava, Dr. Smit R. Lende and Mr. Sujitkumar, Asst. Prof. PGIFER, KU served as resource persons.

4.8 Virtual Classroom

Virtual Classroom facility available at Kamdhenu University renders the platform for brainstorming sessions for discussion of various research projects and proposals, PG seminars, thesis seminars, synopsis presentation and webinars discussions from oversea experts of allied fields.



Chapter – 5

Extension Education

Outreach to Farmers



5.1 Introduction

The Directorate of Extension Education was established according to the provisions in Kamdhenu University Act, 2009 chapter no. 2, Section 8: (3) that provides for dissemination of findings of research, technologies and technical information related to animal health, production, dairy and fisheries through extension education programmes. The main function of the directorate is to plan, co-ordinate,

organise and guide the extension education programmes of the university in close coordination with other department, state voluntary organizations, other officers and scientists to boost up and transfer the latest technologies to the farmers. Geographically, entire Gujarat is the area of jurisdiction. Dr. P. H. Vataliya, Director of Extension Education supervised and guided the extension education activities during the period under report.

5.2 Organizational Chart of Directorate of Extension Education

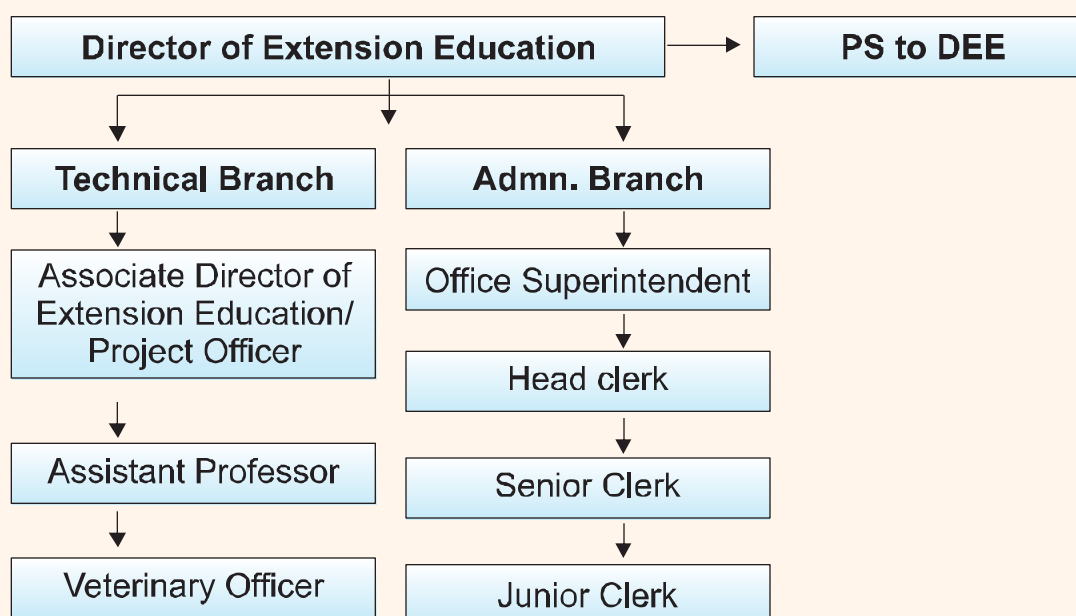


Table 5.1 : Details of the Staff of Directorate Extension Education

Sr. No.	Designation	Name of Officer
1.	Director of Extension Education	Dr. P. H. Vataliya
2.	Associate Director of Extension Education / Project Officer (Out Sourced)	Dr. P. P. Patel
3.	Assistant Professor	Dr. S. J. Vekariya
4.	Veterinary Officer	Dr. M. B. Rajput
5.	PA to DEE	Mr. L. S. Zala
6.	Office superintendent	Mr. M. J. Vasavada
7.	Junior Clerk	Mr. A. B. Chavda

5.3 Veterinary and Animal Sciences Extension Education Council

The Veterinary and Animal Sciences Extension Education Council was constituted according to the provision of the Kamdhenu University Act, 2009 Section 27 (1) to consider and recommend the extension education programme and projects of the University, to coordinate extension education activities for improvement of veterinary & animal sciences, dairy and

fisheries sciences training and advisory services to the farmers and for integration of extension education with teaching and research in the university. First meeting of the Veterinary and Animal Sciences Extension Education council was held on 22/03/2018 at Kamdhenu University Headquarter, Gandhinagar under the chairmanship of Dr. P. H. Vataliya, Hon'ble Vice Chancellor, KU, Gandhinagar. Following members were present in the meeting.

Table 5.2 : List of the members of Veterinary and Animal Sciences Extension Education council

Dr. P. H. Vataliya	Vice Chancellor	Chairman
Dr. P. H. Vataliya	Director of Extension Education, KU	Member Secretary
Dr. D. B. Patil	Director of Research, KU	Member
Dr. V. M. Ramani	Principal & Dean, Dairy Faculty, KU	
Dr. S. B. Deshpande	Principal & Dean, Veterinary Faculty, KU	
Dr. R. G. Shah	Associate Director of Research, KU	
Dr. B. N. Patel	Director of Students Welfare, KU	
Shri Jethabhai Patel	Progressive Dairy Farmer	
Smt. Meenaben Patel	Progressive Dairy Farmer	
Dr. Smit Lende	Assistant Professor Fisheries Faculty, KU	
Dr. R. R. Shah	Registrar, KU	Invitee Member
Dr. Shraddha Vekariya	Assistant Professor, DEE, KU	
Dr. T. P. Patel	Assistant Professor, PGIVER, KU	
Dr. M. B. Rajput	Veterinary Officer, DEE, KU	

Extension Education Programmes :

(A) Various plan schemes were operated under Directorate of Extension Education are as below:

Table 5.3 : Details of the various plan schemes under Directorate of Extension Education

Sr. No.	Budget Head	Scheme	Budget (Rs. in Lakhs)
01.	0101001	Establishment of Kamdhenu University	33.00
02.	0101012	Establishment of Farmer Training Centre	25.57
03.	0101014	Establishment of ICT and FM Radio station	10.24
04.	0101016	Strengthening of Kamdhenu University Headquarter	40.00

(B) Following programmes were organised during the year under report.

Table 5.4 : Training Programmes for farmers

Sr. No.	Title of the programme	Date	Place (Village and Dist.)
1.	One day Scientific Animal Husbandry Training Program	06/06/2017	Jalund, Gandhinagar
		22/09/2017	Nardipur, Gandhinagar
		10/10/2017	Shekhdi, Anand
		09/01/2018	Rajpur (Nava), Himmatnagar
2.	One day Dairy Farmers Training (women) Program	07/07/2017	Vasan, Gandhinagar
		11/01/2018	Chitroda, Sabarkantha
		28/02/2018	Berna, Sabarkantha
3.	Ideal Animal Husbandry Training Program for Gir Maldharis	04-05/10/2017	Sasan, Junagadh

(C) Exhibitions organised

a) Exhibition at XIII Meeting of Combined Joint AGRESCO of SAUs and Kamdhenu University of Gujarat was organized on 5th April, 2017 at Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar. An exhibition highlighting activities and technologies of Kamdhenu

University were explained to the guests, the dignitaries and scientific community

b) Exhibition at Krishi Unnati Mela - 2018 was organized on 16-17 March, 2018 by Directorate of Agriculture (FTC), ATMA Project at Sector - 15, Gandhinagar, wherein the technologies related to animal husbandry, dairy and

fisheries were displayed for the information and adaptation by the farmers.

(D) Publications

The Director of Extension Education has published following publications during the year 2017-18.

- i. Quarterly Magazine "Gaudhuli" on receiving the verification of title registration from Registrar, News Papers in India (RNI) carried out the publication of "Gaudhuli" as Quarterly Magazine from Gandhinagar District, Gujarat. In all seven issues have been published till date. The process of registration of the magazine is underway with RNI, New Delhi. The magazine includes the popular articles and other technical information useful to the farmers. Nearly 600 copies of the magazine were distributed to members of the board of management, academic council, Officers of state department of animal husbandry, SAUs, various gaushalas, livestock owners, entrepreneurs and interested farmers. The annual membership fees of Rs. 150/-.
- ii. Quarterly Newsletter "Kalrav": In total 4 issues were published during the period under report. This newsletter included report of all the activities carried out by the various departments, colleges

and polytechnics of the university, during the respective quarters. Nearly 600 copies newsletter were circulated/ dispatched to various national/state level institutions to provide the better visibility to the reader.

- iii. Extension Education Department also published information brochure of College of Dairy Science, Amreli, Polytechnic in Animal Husbandry, Himmatnagar, Information booklet on various courses of Kamdhenu University, Telephone Directory and university Calendar-2018.

(E) Mera Gaon Mera Gaurav (MGMG)

The Directorate of Extension Education has implemented the "Mera Gaon Mera Gaurav" program initiated by ICAR, to update the farmers with newly generated technologies, information, knowledge and advisories on regular basis by adopting village. Three teams of Scientists from Directorate of Extension Education, Dairy Science College, Amreli and Polytechnic in Animal Husbandry, Himmatnagar adopted five villages each nearby institutes. The various activities carried out by these teams and reported to the Director, ATARI, Zone VIII are narrated below.

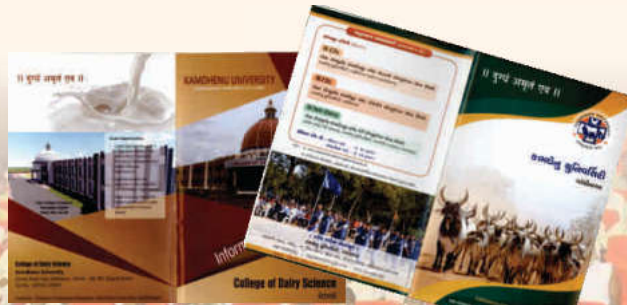
Table 5.5 : Activities organized under MGMG

Sr. No.	Name of activity	No. of programme organized	No. of beneficiaries
1.	Formal visits to village by teams	13	210
2.	Interface meeting/Goshthies	11	340
3.	Training organized	08	1650
4.	Demonstration conducted	04	270
5.	Mobile based advisories	23	1300
6.	Literature support provided	17	2900
	Total	76	6670





Our Publications



Chapter – 6

Students' Welfare

Building Character



6.1 Directorate of Students' Welfare

Kamdhenu University is committed to equip the students with relevant and conceptualized professional skills and guiding them towards a bright future and career all around the world with the values of 'Sincerity', 'Hard Work' and 'Ethics'. This directorate provides a formal platform to channelize the imaginative, emotional, technical, and even the unheard chords of the students, along with opportunities for leadership experience.

The major functions of this directorate are organization of orientation programme for fresh students; establish, maintain and manage hostels accommodations; infuse discipline in students; training

programme for development of soft skills; personality and competitive examinations; manage bureau of information and employment; NSS activities; sports facilities and cultural activities; promoting education, health and welfare programme; students counseling and placement; manage for fellowships, scholarships, stipends, medals, prizes and other awards.

6.2 Students' Representative Councils (SRCs)

All the colleges and polytechnics of the university have Students' Representative Councils to provide representation of the students to organize co-curricular activities. As per the statutory provisions of the SRCs the constitution of the council is as given in Table 6.1.

Table 6.1 : Constitution of Students' Representative Council

Sr No.	Name	Designation
1.	Principal of the College	President
2.	One member of the teaching staff as appointed by the Principal	Chairman
3.	One additional teaching staff as appointed by the Principal	Co-chairman
4.	Student selected based on the criteria prescribed under the rules	General Secretary
5.	Nominated/ Selected Students for the activity	Secretary and / or Joint Secretary
6.	Five to eight teachers nominated by the Principal	Advisors

6.3 Students' Counselling and Placement Cell

Students' Counseling and Placement Cell is to guide students to choose right career and meet the manpower requirements of the Industry and to develop skill for entrepreneurship. The cell maintains and regularly updates the database of students and companies, so as to establish strategic links for campus recruitments. The Placement cell coordinator usually looks after the activities at the colleges and polytechnics level. The main activities

performed by the this cell were coordination with companies to learn about their expectations and requirements; arranging mock interviews to facilitate the career planning process and counseling the students with regard to scholarships/ research fellowships and financial assistance available in India and abroad. Thus student's counseling and placement cell rendered vocational guidance to the students for their perspective future. The Students placement details are shown in the Table 6.2.

Table 6.2 : Details of Placement of graduates and diploma holders

Sr. No.	Name of Employing Agency	No. of Student Employed
(A)	College of Dairy Science, Amreli	
1	Co-operative dairies of Gujarat Sarvottam Dairy, Shihor (1), Sarhad Dairy, Kutchh (5), Dudh-dhara Dairy, Bharuch (1), Banas Dairy, Palanpur (1), Panchamrut Dairy, Godhra (2), Sabar Dairy, Himmatnagar (3), Sudama Dairy, Porbandar (4) and Vasudhara Dairy, Valsad (6)	23
2.	Private Dairies of Gujarat Bharat Dairy, Mehsana (3), Maahi Dairy, Rajkot (1) and Mayur Dairy, Morbi (1)	5
3	Private sectors Crave Eatables International, Bhavnagar (6) and Sheetal Ice-cream, Amreli (2)	8
4	Higher Studies (5) and Government Job (1)	06
	Total (A)	42

(B)	MIDFT, Mehsana	
1	Dudhsagar Dairy, Mehsana (29) and Dudhdhara Dairy, Bharuch (1)	30
	Total	30
(c)	Polytechnic in Animal Husbandry, Himmatnagar	
1	NGO (12) and Private Sectors (4)	16
2	Other Education (05) and Family Business (1)	06
	Total (c)	22
(D)	Polytechnic in Animal Husbandry, Khadasali	
1	Mahi Dairy, Bhavanagar (7) and Banas Dairy (3)	10
2	Rajkot Helpline (2) and Bhabhar Gaushala (1)	03
3	Polytechnic in A. H. Khadasali	01
	Total (D)	14
	Total (A)+(B)+(C)+(D)	108

Note: Number Given in the bracket indicate the numbers of candidates absorbed.

6.4 Students' amenities

6.4.1 Hostel accommodation:

Separate arrangement for boys' and girls' hostels accommodation on rent

was made available at the constituent college/polytechnic. The affiliated institutions are also providing hostel facilities as narrated in Table 6.3.

Table 6.3 : Details of Hostels

Name of Hostel	No of Rooms	Capacity
Post Graduate courses		
Boys Hostel, Gandhinagar	8	20
B. Tech (DT) course		
Nachiketa Boys Hostel, Amreli	58	140
Dr. V. Kurien Academic Centre, Boy's Hostel, Mehsana	40	120
Home Science Hostel for girls, Amreli	00	00
Girls Hostel, MIDFT, Mehsana	08	40
Diploma in Animal Husbandry course		
Boys Hostel, Nilkanth PAH, Himmatnagar	33	120
Boys Hostel, Navsarjan, PAH, Vijapur	41	43
Girls Hostel, Navsarjan, PAH, Vijapur	03	15
Boys Hostel, Vidhyashram, Riddhi PAH, Himmatnagar	33	160
Girls Hostel Riddhi PAH, Motipura, Himatnagar	04	20
Akash Boys Hostel, Gagan Boys Hostel & Madhav Boys Hostel, PAH, Khadasali	2 Halls Each Hostel	150
Kalpana Chavla Bhagini Girls Hostel, PAH, Khadasali	2	30
Boys Hostel , Vrundavan , PAH, Jasdan,	8	56
Girls Hostel, Vrundavan, PAH, Jasdan	04	28
Boys Hostel, Keshavam PAH, Chappi	09	90
Girls Hostel Keshavam PAH, Chappi	01	10

6.4.2 Students Health

i. Thalassemia test

University organized thalassemia testing and awareness programme for

newly admitted students of college/polytechnics with the help of Indian Red cross Society, Gujarat State Branch and Thalassemia Prevention Programme Team as mentioned in Table 6.4.

Table 6.4 : Thalassemis Testing programme

Name of the institute	College of Dairy Sci., Amreli	PAH, Rajpur, H'nagar	PAH, Kahdasali, Amreli	Riddhi PAH, Motipura, H'nagar	Vrundavan PAH, Jasdan, Rajkot
No. of students	34	40	35	42	67

PAH: Polytechnic in Animal Husbandry

ii. International Yoga Day

'World Yoga Day' was celebrated on 21st June, 2017 at College of Dairy Science, Amreli. On this occasion nearly 150 students, staff and dignitaries performed various yogasan jointly as per 'common yoga protocol' recommended by Ministry of AAYUSH, New Delhi. On this occasion Hon'ble Vice Chancellor motivated the youth to do yogasan regularly and highlighted the usefulness of yoga for the benefit of health.



iii. Blood Donation camp

Kamdhen University officers and

staff donated blood at blood donation camp organized by Gujarat Rajbhavan as a part of birthday celebration of Hon'ble Governor Shri O. P. Kohli on 9th August, 2017.



iv. Swine Flu Prevention Programme 2017

Gujarat had battled an alarming spike in swine flu cases during the months of August - September - 2017. Kamdhenu University arranged "Swine Flu Prevention (Kwath) Distribution"

programme as a precautionary measure to all the university staff and students from 24th August 2017 to 01st September 2017, with the support of Govt. Ayurvedic Hospital, Sector - 22, Gandhinagar.



6.5 Sports and Cultural Activities

In order to bring out the talent amongst the students various competitions like 'SARJAN', 'SAMVAD', 'SANSKRUTI' and 'SPANDAN' are calendared throughout the year. The details of these activities are as narrated below.

6.5.1 SARJAN-2017

Kamdhenu University had organized "SARJAN 2017" Inter College/PG - Inter Polytechnic Fine art Competition on 3rd November, 2017 at dravam, Vrundavan Polytechnic in Animal Husbandry, Jasdan. Hon'ble Vice Chancellor, Dr. P. H. Vataliya, stated that this is an opportunity to explore inner positive and creative ideas of the students. This competition was

evaluated by Shri Gaurishankar G. Mehta, Mrs. Kaminiben N. Rathod, Shri Sudhirbhai C. Joshi, Ms. Aviniben Zetani, Shri Kiritbhai M. Sarvaiya and Shri Tejas Patel.

6.5.2 SAMVAD-2017

University had organized "SAMVAD 2017" Inter College/PG and Inter Polytechnic Literary Competition on 27th October 2017 at Riddhi Polytechnic in Animal Husbandry, Himmatnagar. Honorable Vice Chancellor, Dr. P. H. Vatalia inaugurated



the event. In his presidential address he stated that such competitions will surely inculcate the skills of inherent the students. The competition was evaluated by Dr. Jagdishbhai Joshi, Dr. Kamleshbhai Bhatt, Shree Maheshbhai Bhatt, Ms. Dakxinaben Vyas, Shri. Pravinbhai Upadhyay and Shri Hirakbhai Joshi.



6.5.3 SANSKRUTI-2018

Inter-College/PG cultural competition "SANSKRUTI 2017-18" was organized on 20th January, 2018 at

Mansinhbhai Institute of Dairy and Food Technology, Mehsana. Various Competitions were organized in different categories like Music, Dance and Theatre in SANSKRUTI 2017-18. Thirteen nine students participated in the said program. Hon'ble Vice Chancellor, Dr. P. H. Vataliya graced the event and appreciated the winners with awards. These competitions were evaluated by Shri Bhagvatdan Gadhvi, Shri Haresh Prajapati, Shri Pravin Bhatiya and Shri Viralbhai Dave.

6.5.4 SPANDAN-2018

Third Inter college-Inter Polytechnic sports competition "SPANDAN-2018" was organized during 3rd & 4th March, 2018 at Netaji Subhash Western Center, Sports Authority of India (SAI), Sector-15, Gandhinagar. The Programme was inaugurated by Shri Mansukh Mandviya, Hon'ble Minister of



State for Road Transport and Highway, Shipping, Chemical and Fertilizer, Government of India and Hon'ble Vice Chancellor, Dr. P. H. Vataliya. Total 248 students (203 boys and 45 girls) of 11 colleges/polytechnics of university participated in different games like volleyball, kabaddi, badminton, athletics, chess, table tennis etc.

Valedictory function was organized on 4th March, 2018 in august presence of Dr. Himanshu Pandya, Hon'ble Vice Chancellor of Gujarat university, Ahmedabad and Dr. P. H. Vataliya, Hon'ble Vice Chancellor of Kamdhenu University. They congratulated the winners and runners up and awarded the Medals and Trophies. Amongst the colleges and PG institutes MIDFT, Mehsana ranked first and Dairy Science College, Amreli stood at the second position. Similarly amongst the polytechnics Animal Husbandry Poly-technic, Rajpur (Nava) Himmatnagar acquired the first position and Riddhi PAH, Motipura, Himmatnagar acquired second position. The details of overall champion of inter college and inter poly-technic and results is given in Annexure VIII.

6.6 National Level Participation

6.6.1 AGRIUNISPORTS 2018

XVIII All India Inter Agricultural Universities Sports & Games Meet, "AGRI UNISPORTS" 2017-18 was organized during 30th January to 3rd February, 2018 by University of Agricultural Sciences (UAS), Bangalore. Thirty Eight Students of the University participated in different games like kabaddi, volleyball, table-tennis, badminton and athletics.

6.6.2 AGRI UNIFEST 2018

XVIII All India Inter Agricultural Universities Youth festival- AGRI UNIFEST-2018 was organized at Shri Venkateswara Veterinary University, Tirupati, sponsored by ICAR during 12th to 18th February 2018. Twenty Five Students of UG /PG of Kamdhenu University participated in Debate, Extempore, Quiz, Elocution competitions, on the Spot Painting, Rangoli, Clay Modeling, Poster Making, Cartooning, Paper Collage, Music, Dance and theatre etc.

6.6.3 Participation in National Conference and Debate 2018



Four students of Dairy Science College, Amreli participated in 12th National Conference on "Role of National Youth Policy in reaping the demographic dividend through youth empowerment: Status & Futuristic Strategies, 2018" during January 12-13, 2018, at GBPUAT, Pantnagar, (Uttarakhand). Poster presented by Zenith K. Patel, secured the first Position in poster session. Four students of Dairy Science College, Amreli participated in 10th National Inter-University debate on "Is the present youth policy of India efficient in reaping the demographic dividend" during 14-15 January, 2018 at GBPUAT, Pantnagar, (Uttarakhand).



6.6.4 14th National Youth Parliamentary Competition 2017

Kamdhenu University organized 14th National Youth Parliament (Group Level) Competition, 2017 on 28th September 2017 at Collage of Dairy Science Amreli, sponsored by Ministry of Parliamentary affairs, Government of India, New Delhi. A team of 55 students participated in competition and performed a role of Hon'ble Prime minister, leader of opposition, secretary, ministers, members of parliament, foreign delegates, and press etc. The group level competition was evaluated by Dr. S. B. Deosarkar, group co-

ordinator from Ministry of parliamentary affairs and Prof. J. M. Talaviya district coordinator, National Service Scheme, Amreli.

6.7 Extra-curricular Activities

Extra-curricular activities facilitate the development of various domains of mind and personality such as intellectual/ emotional / social / moral / aesthetic development, creativity, enthusiasm. Positive thinking is one of the facet of personality development and the outcome of extra-curricular activities. Various co-curricular activities organized by the colleges / polytechnics are listed in Table 6.5.



Table 6.5. : Extra-Curricular Activities

Sr. No.	Name of the activity	Date	Institute Participated
1	Vichar Manthan- Organized Eleven Talks	First Monday of Every Month	HQ, KU, Gandhinagar
2	Hostel room cleaning program	29 th April, 2017	CDS, Amreli
3	Tree Plantation	17 th May, 2017 5 th June, 2017 24 th Aug 2017	PAH, Himmatnagar Navsarjan PAH, Vijapur CDS, Amreli
4	Orientation Programme	1 st -5 th Aug, 2017	MIDFT, Mehsana
5	International Yoga Day	21 st June, 2017	HQ, KU, Gandhinagar PAH, Himmatnagar
6	Gurupurnima Celebrations	9 th July, 2017	CDS, Amreli
7	Land leveling program	4 th Aug, 2017	CDS, Amreli
8	Elocution and Essay Competition	8 th Aug, 2017	PAH, Himmatnagar
9	Blood Donation Camp	9 th Aug, 2017	HQ, KU, Gandhinagar
10	71 st Independence Day	15 th Aug, 2017	CDS, Amreli, Riddhi PAH, Himmatnagar, MIDFT, Mehsana
11	N.S.S. Cleanliness Day	19 th Aug, 2017	Riddhi PAH, Himmatnagar
12	Teachers' Day Celebration	5 th Sept, 2017	CDS, Amreli PAH, Himmatnagar MIDFT, Mehsana Riddhi PAH, Himmatnagar Navsarjan PAH, Vijapur
13	Essay Competition	5 th Sept, 2017	PAH, Khadasali
14	P.M. Lecture online (through audio-visual aid) on young India, new India	11 th Sept, 2017	CDS, Amreli
15	FMD Vaccination Camp	11 th & 12 th Sept, 2017	Riddhi PAH, Himmatnagar
16	Participation in 'Surakshit Khadya Abhiyan' all india quiz competition on food safety	14 th Sept, 2017	CDS, Amreli
17	Thalessemia testing & awareness Programme	8 th Nov, 2017	CDS, Amreli

18	International Non Violence Day	2 nd Oct, 2017	CDS, Amreli
19	Infertility Camps at Village "Raygadh"	12 th Oct, 2017	Riddhi PAH, Himmatnagar
20	Sport's Function	19 th Jan, 2018	Navsarjan PAH, Vijapur
21	Parents Meeting	21 st Jan, 2018	PAH, Khadasali
22	Cleaning Of College Campus	25 th Jan, 2018	Navsarjan PAH, Vijapur
23	Republic day celebration	26 th Jan, 2018	CDS, Amreli, Riddhi PAH, Himmatnagar
24	Martyrs day celebration	30 th Jan, 2018	HQ, KU, CDS, Amreli
25	Technical session on Swachhata-MoHUA mobile app feature and Its application	30 th Jan, 2018	CDS, Amreli
26	World sparrow day celebration	20 th March, 2018	CDS, Amreli
27	Visit to Kamdhenu Dairy farm	3 rd Feb, 2018	Riddhi PAH, Himmatnagar
28	Educational tour	5 th to 14 th Feb, 2018	CDS, Amreli
29	Inter Class Sport Competition	15 th to 17 th Feb, 2018	Riddhi PAH, Himmatnagar

DD Girnar - "Hello Karkirdi Program"

A "Career guidance phone in the live program" - 'HELLO KARKIRDI' was telecasted on DD Girnar on June 22, 2017 at 6:00 p.m. During this program Hon'ble Vice Chancellor Dr. P.H. Vataliya along with Dr. R.R. Shah Registrar of the university explained the motto of Kamdhenu University i.e. "Welfare of all living beings" and enlightened the mission of Kamdhenu University. During 30 minutes live discussion program on matter related to educational programme of the university, career opportunities for youth after 10th and 12th education, information about research, and extension activities of Kamdhenu University, Gandhinagar was tele-casted, to create the awareness amongst rural youth with regards to

animal husbandry, dairying and fisheries sciences education.

Swachchhta Pakhwada 2017

University organized "Swachchhta Pakhwada" campaign during 1st to 15th August, 2017. During this Celebration Hostels and Hostel campuses were cleaned by officers, staff members and students of colleges/polytechnics of the university. During this duration NSS volunteers also carried out various activities like cleaning of Railway Station, Bus Stand, laboratories, solar water plant, play ground, Class Room, etc.

71st Independence Day Celebration

University celebrated 71st Independence Day at Kamdhenu University Headquarter on 15th August,

2017. National flag was hoisted by First Vice Chancellor of Kamdhenu University Prof. M. C. Varshneya. In his address, he retreated the situation of freedom struggle and insisted upon the youth to remember the past and work hard in the interest of society and nation.

Young India-New India 2017

Hon'ble Prime Minister addressed the nation on MHRD Website on 11th September, 2017 on the occasion of Pandit Deendayal Upadhyaya's Centenary Celebration and 125th Anniversary of Swami Vivekananda's Address at the World Parliament of Religions Chicago. The Theme of the programme was "Young India - New India - A Resurgent Nation: from Sankalp to Sidhhi". All officers and staff members of the university watched the program

National Youth Day 2018

The Pushparpanam program was organized by the Kamdhenu University as a part of celebration of National Youth Day i.e. 156th birthday of youth icon Shri Swami Vivekananda on 12 January 2018. Hon'ble Vice Chancellor Dr. P. H. Vataliya shared his view on the significant impacts of the life and work of Shri Swami Vivekananda. The program was attended by all the staff members of Kamdhenu University, Gandhinagar. All the staff members paid respect to the youth icon by offering flowers.

69th Republic day 2018

Sixty ninths Republic day was celebrated on 26th January, 2018 at Karmayogi Bhavan, Gandhinagar.

Hon'ble Vice-Chancellor, Dr. P. H. Vataliya hosted the flag and illuminated the history of the Indian constitution and contribution of Dr. Babasaheb Ambedkar in the framing of the constitution. He added that we must be proud to have the world's biggest written constitution with us. The Republic day was also celebrated by all the colleges and polytechnics at their respective campuses.

Martyrs Day 2018

University observed the MARTYRS DAY on 30th January 2018 at its head quarter in Gandhinagar. Hon'ble Vice Chancellor Dr. P. H. Vataliya shared his views on the significant impacts of sacrifices made by martyrs, the dedication of such souls and the positive impact they left behind for the citizens. All the staff members of University paid tribute to the martyrs and specially Mahatma Gandhi by keeping Mauna (silence) for 02 minutes at 11:00 hours sharp at the University head quarter.

6.8 National Service Scheme

The aim of National Service Scheme is to give an extension dimension to the higher education system and orient the student youth to community service while they are studying in educational institution. National Service Scheme was functioning in all the colleges & Polytechnics of Kamdhenu University. During the year under report, volunteers registered for NSS are shown in Table 6.6.

Table 6.6 : NSS Volunteers

Name of College	Boys	Girls	Total
College of Dairy Science, Amreli	104	11	115
Mansinhbhai Institute of Dairy and Food Technology Mehsana	106	20	126
Polytechnic in Animal Husbandry, Rajpur (Nava), Himmatnagar	50	12	62
Polytechnic in Animal Husbandry, Khadasali	61	4	65
Navsarjan Polytechnic in Animal Husbandry, Mehsana	13	02	15
Keshavam Polytechnic in Animal Husbandry, Chhapi	98	01	99
Vrundavan Polytechnic in Animal Husbandry, Jasdan	24	01	25
Riddhi Polytechnic in Animal Husbandry, Motipura, Himmatnagar	83	08	91

NSS Day Celebration, 2017

A Team of Kamdhenu University had participated in National Service Scheme day celebration hosted by Krantiguru Shyamji Krishna Verma University, Bhuj-Kachchh during 22nd to 24th September 2017. Approximately 550 NSS Volunteers from 25 universities participated in this Event. Ten NSS Volunteers of Kamdhenu University took part in the workshop.

NSS, Programme Officers Shri Ankit thesia, Assistant Professor and

team manager of our team stood third in the state level presentation my unit "Adopted Village". A NSS cadet Mr. Chaudhry Urveshkumar Ravjibhai, student of MIDFT, Mehsana, NSS unit got third Prize in Elocution competition held during NSS day celebration.

The social activities carried out by N.S.S. are divided in two groups i.e. Regular activities and Special Camp. The NSS unit of all the Institutes celebrated and organized variety of programs as regular and special activities given in Table 6.7.

Table 6.7 : NSS activities

Sr. No.	Celebration	Date	Name of Institute
	NSS Regular Activities		
1	Yoga practice sessions & International yoga day	14 th to 21 st June, 2017	CDS, Amreli
2	International yoga day	21 st June, 2017	MIDFT, Mehsana

3	Tree Plantation	17 th May, 2017	PAH, Rajpur (Nava) Himmatnagar
		5 th June, 2017	Navsarjan PAH, Vijapur
		4 th Aug, 2017	MIDFT, Mehsana
		24 th Aug, 2017	CDS, Amreli
4	Cleanliness of Campus	19 th Aug, 2017	Riddhi PAH, Himmatnagar
5	Ganesh Mahotsav Celebration	25 th Aug, to 03 rd Sept, 2017	CDS, Amreli
6	Swachhta Abhiyan (College & Hostel)	25 th - 26 th Aug, 2017	MIDFT, Mehsana
7	Swine flu ukada (kwath) vitran program	27 th Aug, to 01 st Oct, 2017	CDS, Amreli
		2 nd Sept, 2017	Riddhi PAH, Himmatnagar
		29 th to 31 st Aug, 2017	PAH, Himmatnagar
8	Navratri Mahotsav Celebration	21 st to 29 th Sept, 2017	CDS, Amreli
9	Poster Competition (World Suicide Prevention Day (WSPD)	10 th Sept, 2017	PAH, Himmatnagar
10	Poster Competition (Yuva Matdar Mahotsav)	15 th Sept, 2017	PAH, Himmatnagar
11	"Swachhta Hi Sewa" Campaign	15 th Sept, to 2 nd Oct, 2017	PAH, Himmatnagar
12	Swachhta Awareness Programme	26 th Sept, 2017	MIDFT Mehsana
13	Thalassemia Camp	20 th Sept, 2017	PAH, Himmatnagar
		29 th Nov, 2017	MIDFT Mehsana
14	NSS Day Celebration	24 th Sept, 2017	CDS, Amreli, MIDFT, Mehsana, PAH, Himmatnagar
15	Elocution on "आत्महत्या निवारण"	21 st Oct, 2017	Riddhi PAH, Himmatnagar
16	Clean India Programme	2 nd Oct, 2017	Navsarjan PAH, Vijapur

17	National Milk Day	25 th Nov, 2017	MIDFT Mehsana
18	Campus Cleanliness Program	12 th Dec, 2017	PAH, Khadasali
19	Mass cleaning program	17 th - 18 th March, 2018	CDS, Amreli
20	Clinical and infertility Camp at NAVA	17 th March, 2018	Riddhi PAH, Himmatnagar
21	Awareness Program on Vaccination	21 st March, 2018	MIDFT, Mehsana
NSS Special Camp			
1	Thoradi, Ta. Savarkundala, Dist. Amreli	2 nd to 8 th May, 2017	PAH, Khadasali
2	Vijapur, Dist. Rajkot	25 th to 31 st May, 2017	PAH, Jasdan
3	Aithor, Dist. Mehsana	23 rd -29 th March, 2018	MIDFT, Mehsana

6.9 PFMS Training

Kamdhenu University organized one day training on "Public Financial Management System" (PFMS) with the cooperation of PFMS Cell, SPMU of Gujarat State on 15th December, 2017. Hon. Vice Chancellor Dr. P. H. Vataliya inaugurated the training. In the inaugural speech Dr. P. H. Vataliya said that implementation of the Public Financial Management System will make the easy management of all the offices. Grants distribution & utilization can be monitored regularly using PFMS.

The training was given by the experts of PFMS Cell of Gujarat State Shri Sandeep Kumar, Project Manager, Mr. Sunanda Nag, Executive Manager and Mr. Vipul Singh, Executive Manager. In this training, a total of 103 officers, staff members Kamdhenu University and of all the colleges / polytechnics and program officers of all National Service Scheme (NSS), employees of were trained successfully.

6.10 Students' Discipline

As per the directive of Hon'ble Supreme Court and the UGC, the University has constituted Gender Committee at the University Level to check the menace of sexual harassment and violence against the women.

In view of the directions of the Hon'ble Supreme Court in SLP No. 24295 of 2006 dated 16-05-2007 and in Civil Appeal No. 887 pf 2009, dated 08-05-2009 to prohibit, prevent and eliminate the scourge of ragging including any conduct by any student or students and to maintain peaceful atmosphere all Colleges and polytechnics have been directed to form Anti-ragging committee. No incidence of indiscipline among the students was recorded during the year.

6.11 Financial Assistance

103 students of College of Dairy Science, Amreli, 35 students of MIDFT, 03 students of Vrundavan PAH, Jasdan, 19 students of Riddhi PAH, Himmatnagar, 27 students of Keshvam PAH, Chhapi, 44 Student of PAH, Khadasali, 03 Navsarjan PAH, Vijapur have received scholarship/financial assistance during the year 2017-18.

Chapter – 7

University Library and Web Management



7.1 Introduction

University library is the knowledge paradise for students, teachers, researchers and other users to acquire knowledge and information useful to them. The mandatory function of library is to provide different types of scientific and technical information especially in the field of veterinary and animal sciences, dairy technology and fisheries sciences and also other allied sciences. University Library not only has fairly good number of books and journals but has internet access to facilitate research for better clarity on the topics of interest. The Kamdhenu University Library was established in the year 2015 and is being managed by Assistant Librarian and support staff.

7.2 Library Committee

Statute 63 of the Common Statutes for Agricultural Universities of Gujarat provides for the constitution of the library committee under the general control of the Board of Management. The major functions of the Library Committee are to manage the library and

advise the Board of Management on any matter connected with the Library; make recommendations to the Board of Management regarding the administration of the funds set apart for the Library; staff requirement of the Library; writing off the unserviceable books or loss of book; computerization and automation of Library; creation and augmentation of data bases to support academic and research work; establishment of information and co-operative communication network for linking libraries and academicians to share limited resources at national level. The committee also reports about the purchase and the disposal of books to the Board of Management for information and make/ amend the rules governing the use of library, to be implemented after the approval of the Board of Management.

The Third Meeting of the Library Committee of Kamdhenu University was held on August 05, 2017. The constitution of the committee for the year 2017-18 is shown at Table 7.1.

Table 7.1 : Library Committee

S.N.	Members	Name	Name
1	Vice Chancellor	Prof. M. C. Varshneya	Chairman
2	Director of Extension Education	Dr. P. H. Vataliya	Member
3	Director of Research and Dean, Post-Graduate Studies	Dr. D. B. Patil	
4	I/C Dean, Veterinary Faculty	Dr. S. B. Deshpande	
5	Dean, Dairy Science Faculty	Dr. V. M. Ramani	
6	I/C Dean, Fisheries Faculty	Shri N. G. Akolkar	
7	Deputy Registrar (Representative of Registrar)	Shri Manish Gupta	
8	Audit Officer & I/C Comptroller	Mrs. Nisha Talsania	
9	Director of Students' Welfare	Dr. B. N. Patel	
10	HOD, Dept. of Dairy Technology, College of Dairy Science, Amreli	Dr. Kunal Ahuja	
11	HOD, Dept. of Dairy Chemistry, MIDFT, Mehsana	Dr. M. K. Sihag	
12	HOD, Dept. of Dairy Business Management, College of Dairy Science, Amreli	Shri M. P. Parmar	Invitee
13	PG Student, M. V. Sc., PGIVER, Gandhinagar	Dr. Praveen Kandhani	
14	PG Student, M. F. Sc., PGIFER, Gandhinagar	Ms. Nirali Vadhel	
15	Principal MIDFT, Mehsana	Dr. D. A. Shukla	Member Secretary
16	Assistant Librarian, College of Dairy Science, Amreli	Shri Jignesh Nakum	
17	Assistant Librarian, Polytechnic in Animal Husbandry, Himmatnagar	Shri Kaushik Korali	
18	Assistant Librarian & I/C University Librarian	Ms. Hiral Shukla	

The committee discussed and approved the vendors registration document for empanelment for purchase of books and journals to be made during the year 2017-18 by libraries and other units of the University and also approved the extension to the panel of Library suppliers of the previous year until new panel of suppliers is constituted. Approval was accorded to the subscription of electronic journal portal for the library users. The committee also recommended approval various books/ journals/ magazines etc purchased by all the libraries of constituent units of the university during the previous financial year.

7.3 Library Resources

To cater to the need of students, teachers and researchers, Library has the following physical resources.

1	Books	998
2	Current Research Journal titles	14
3	Research Journal Back Volumes	59
4	Reports	208
5	Popular Magazines	05
6	Newspaper Dailies	05
7	CD's/DVD's/VCD's	11

7.4 Library Services

Acquiring bookish knowledge alone is not sufficient to face the global challenges and to impart complete and comprehensive technical skills for holistic personality development. Therefore, the Kamdhenu University Library also extends the below mentioned services to its users.

1	Circulation Service (Books lending, renewal, return facility)
2	Reference Service
3	OPAC (Online Public Access Catalog using KOHA)
4	Daily Newspapers & archives
5	Internet Access
6	J-Gate (Agricultural and Biological Sciences) e-journals portal
7	Krishikosh (Institutional Repository of masters & doctoral theses of ICAR member institutes & SAUs)
8	NDL (National Digital Library) registration of students
9	Reprographic/ scanning/ printing service

7.5 Other library activities

During the year 2017-18, an amount of Rs. 16.93 lakhs was utilized for the purchase of books, subscription of print & electronic journals, institutional lifetime membership for publications and other resources for the library. Purchasing of total 478 books, subscription of 14 research journals, institutional lifetime membership of 01 publication, subscription of 01 electronic journals portal, subscription of popular magazines, newspapers and other resources were made during the year.

A demonstration session for the usage of e-journal portal was organized on Oct. 04, 2017 at Kamdhenu University Gandhinagar All the faculty and Post Graduate students of the

University attended the training and had a practical demonstration of the modules & facilities provided in the e-journals database.

A One-day book exhibition was organized at Kamdhenu University Gandhinagar on March 06, 2018 for teaching staff and students of PGIVER & PGIFER, Gandhinagar and polytechnic in Animal Husbandry, Himmatnagar. The Hon'ble Vice Chancellor of Kamdhenu University, Dr. P. H. Vataliya, and other officers and staff of the university visited the exhibition and recommended books for Kamdhenu University library. Books pertaining to Veterinary & Animal Science, Fisheries / Aquaculture, Dairy & Food Science were exhibited at the exhibition.

The Assistant Librarian also extended teaching services to PG students. A non-credit course PGS-501: Library & Information services was taught to the Post-Graduate students of the University.

The automation of Library is done using KOHA& SOUL 2.0 software library management software. The students of Kamdhenu University are also registered members of the National Digital Library initiative of the MHRD, Govt. of India.

Students utilize KRISHIKOSH as well as mobile application of the database for research purpose. University contributes the digitized theses submitted by its Post-Graduate students on KRISHIKOSH-an Institutional repository of masters & doctoral theses of ICAR member institutes & SAUs for online access.

University also subscribed for J-Gate portal, a database and access gateway for identification of literature from global e-journals, e-books. The service of the portal is being utilized for the research and academic purpose by Post-graduate students and faculties of Veterinary, Dairy and Fisheries





sciences. J-Gate is a portal cum bibliographic database accomplishing indexing of more than 35,000 + online journals with links to full text for every article and author email address. The portal cum database includes coverage from 2001 onwards. Presently this portal provides access to 1713 scientific publications in Agriculture and Biological sciences & 1165 Indexed journals and publications.

7.6 Web Management

The website of the university was hosted on the server of the private agency approved by the university for the year 2017-18 i.e. M/s. Blubell Compuserve Pvt. Ltd., Anand, with the registered domain name www.ku-guj.org (now with M/s Aark Infosoft Pvt. Ltd, Ahmedabad with the same domain name). The website contains information require by the students;

faculty; researchers; staff and farmers. This information is about the rules and regulations of education systems leading to degree; diploma and Post Graduate studies; students' result; medals, placement; important announcements/ events; university circulars; tenders; advertisement; RTI; farmers' corner; students' corner and current news/ events of the university. The website is maintained and updated regularly during the year.

The information in vernacular language is also available in university website to assist the farmers on various activities of the university in the field of veterinary and animal science, dairy technology and fisheries sciences.

University is also connected with the Asia's biggest network "Gujarat State Wide Area Network (GSWAN), Gandhinagar" for accessing online government programme.

Chapter – 8

Finance:

Accounts & Audit



8.1 Introduction

The Kamdhenu University being the Government funded University, its financial/Account details are maintained as per provisions of Kamdhenu University Act, 2009, by the Comptroller. The Comptroller Branch was headed by the I/c Comptroller Smt. Nisha Talsania, Audit Officer since 16th July, 2016 along with a team of 7 staff members as given in the Table 8.1.

Table 8.1 : Staff details

Sr. No.	Designation	Name
1	Audit Officer	Smt. Nisha R. Talsania
2	Accounts Officer	Shri Chandrakant P. Solanki
3	Office Superintendent	Smt. Rajan V. Rana
4	Office Superintendent	Shri Jasmin J. Chovatiya
5	Senior Clerk	Shri Naynesh C. Patel
6	Senior Clerk	Shri Dipesh A. Mehta
7	Junior Clerk	Shri Darshan R. Amin

8.2 Finance Committee:

Section 32 of Kamdhenu University Act, 2009 provides for constitution of a Finance Committee. It is an authority within the University as per Section 20(8) of the KU Act. The members of the Finance Committee are as prescribed under section 32(1) of the

said Act. (Table 8.2) The powers and Functions of the Finance Committee are as prescribed under section 32(2), which are under;

- to examine the annual accounts of the University and advise the Board thereon;

- b) to examine the annual budget estimates;
- c) to make the recommendations to the University on all proposals involving expenditure for which no provision has been made in the budget or which involves expenditure in excess of the amount provided in the budget;
- d) to review the position of financial resources of the University from time to time;
- e) generally to advise the Board on all financial matters;
- f) to make the recommendation to the Board on all matters relating to finances of the University;
- g) to recommend economy in administrative expenses;
- h) to perform such other functions relating to accounts and audit of the revenue and expenditure of the University as may be assigned to it by the Board of Management ; and
- i) to advise the Board of Management in financial matters whenever such advice is sought by the Board of Management;

During the Financial year 2017-18 3rd & 4th meeting of Finance committee was conducted on dated 5th September, 2017 and 26th November, 2017 respectively and in the said meeting the Finance committee recommended the Annual Accounts Report for the F.Y. 2016-17 and Audit Report for the F.Y 2013-14 for the approval of Board of Management along with other item notes.

Table 8.2 : Member of Finance Committee for the Year 2017-18

Sr. No.	Member As per section 32(i)	Designation	Present members Designation	Members of 4 th Committee
1.	Vice-Chancellor	Ex-Officio Chairman	Vice-Chancellor	Dr. P. H. Vataliya
2.	The Secretary to the Government, Finance Department or his representative not below the rank of Deputy Secretary Department, Govt. of Gujarat	Member	Secretary (Exp.), Finance Dept. Govt. of Gujarat	Shri H. F. Gandharv (Representative)
3.	The Secretary to Government, Agriculture and Co-Operative Department, in charge of Animal Husbandry or his representative not below the rank of Deputy Secretary	Member	Secretary(AH), Agriculture and Co-Operative Department, Govt. of Gujarat	Not Remain Present
4.	The Registrar	Member	Registrar	Shri Manish Gupta (Representative)
5.	The Finance and Accounts Officer	Member-Secretary	I/c Comptroller	Smt. Nisha Talsania
6.	One member to be nominated by the Vice-Chancellor from amongst the non-official members of the Board of Management.	Member	Not Appointed	Not Appointed
7	Account Officer, Kamdhenu University	Invitee Member	Account Officer	Shri Chandrakant Solanki
8	Planning Officer, Kamdhenu University	Invitee Member	Planning Officer	Dr. Vishal Suthar

8.3 National Pension Scheme

As per the circular dated 06.06.2005 of Finance department, Government of Gujarat, the NPS scheme has been implemented. The newly recruited 8 employees of the Kamdhenu University have been allotted Permanent Pension Account Number by office of Pension and Provident Fund, Gandhinagar and Permanent Retirement Account Number have been allotted by National Security Depository Limited during the year 2017-18. At present till the end of the year 2017-18 total 46 employees are enrolled in NPS scheme and accordingly the 10% amount of Basic Pay +DA is being deducted from the monthly salary of employees

8.4 Audit

The Kamdhenu University at present has two types of audit one is Statutory Audit as per the provision of Kamdhenu University Act, 2009 and second is Internal Audit. The Internal Audit i.e. pre and post audit of vouchers of the University is carried out by the Audit Officer of the University.

The Statutory Audit as per the provision of section 44(5) r.w.s. 44(3) of Kamdhenu University Act, 2009 after the adoption of the annual accounts by Board of Management shall be submitted by the Vice Chancellor to the State Government for the Audit to be carried out by auditor appointed by the State Government, in consultation with the Accountant General, Gujarat State. Therefore, the Examiner Local Fund Office, Gandhinagar is directed to conduct the audit of the University by

Government of Gujarat. During the year 2017-18 the Local Fund audit of Head Quarter Gandhinagar for the year 2009-10 to 2011-12 was conducted by Examiner Local Fund Office and 16, 24 and 23 number of half margins respectively were complied. The Local Fund audit of Polytechnic in Animal Husbandry, Himmatnagar for the year 2014-15 was conducted under the audit Programme of Dantiwada Agricultural University and the total 8 half margins were complied.

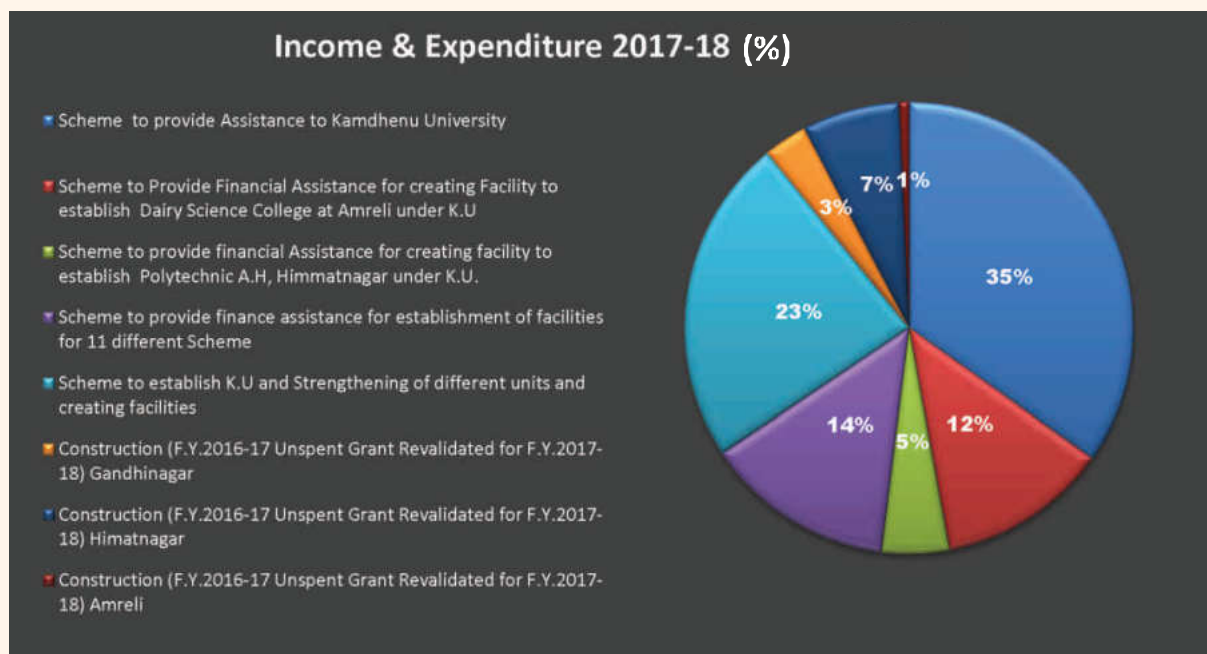
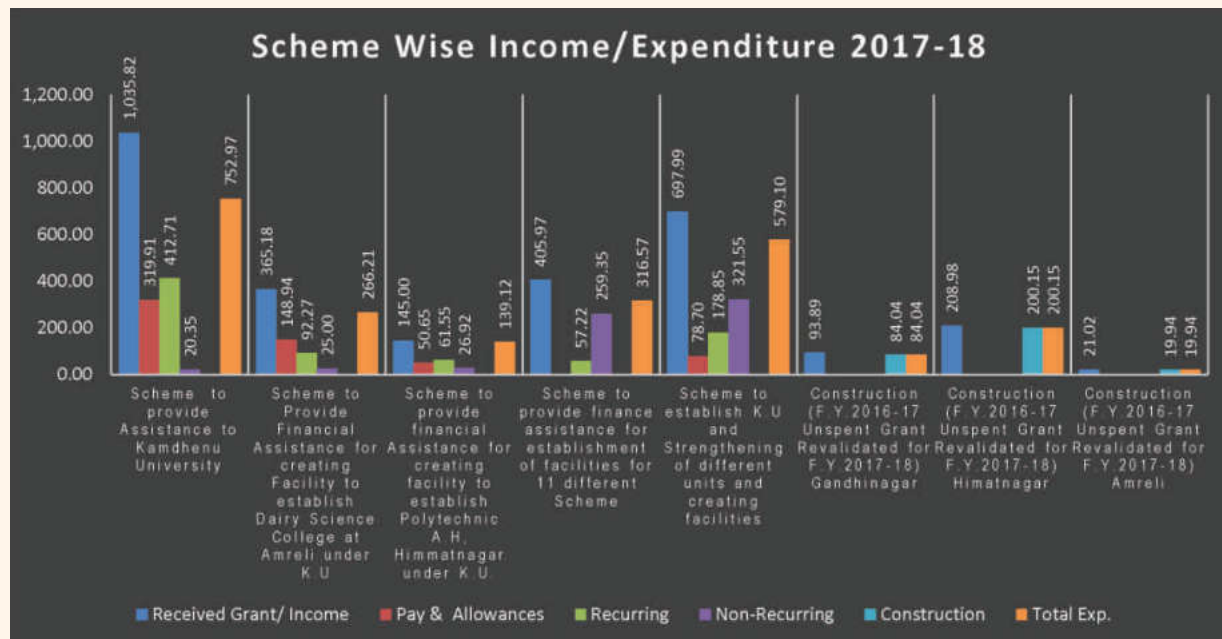
The first and second audit reports of the University for the year 2010-11 to 2013-14 of College of Dairy Science, Amreli and Polytechnic in Animal Husbandry Himmatnagar were submitted in State Legislative Assembly on 25.03.2018 as per the provisions of section 44(5) of Kamdhenu University Act, 2009.

8.5 Resources of Income and Expenditure

The University receives major share of the grant from State Government and other agencies. During the F. Y. 2017-18, the University has received grant of Rs. 2649.96 lakhs from State Government against the Sanctioned Budget at Rs. 2649.96 lakhs and Rs. 2.10 lakh from other agencies/institutes. The University also got revalidated the unspent grant of Rest Rs. 323.89 lakhs of previous financial year (2016-17) for use during the year under report. The University also generates income from its sources Viz. Student Fee, Affiliation Fee, Tender Fee etc. The detail of Income and Expenditure of the University is given in the table 8.3.

**Table 8.3 : Scheme wise Statement of Income & Expenditure of Kamdhenu Uni.
for the F.Y. 2017-18**
(₹ In Lakhs)

Sr. No.	Name of Scheme	Sanctioned Budget	Received Grant/ Income	Expenditure incurred				Total Exp. Received	% of the Grant Utilization against Grant
				Pay & Allowance	Recurring	Non-Recurring	Construction		
1	2	3	4	5	6	7	8	9	10
(A) Grant From the State Government									
1	Scheme to provide assistance to Kamdhenu University	1,035.82	1,035.82	319.91	344.67	20.35	68.04	752.97	72.69
2	Scheme to provide financial assistance for creating facility to establish Dairy Science College at Amreli under K.U.	365.18	365.18	148.94	92.27	25.00	-	266.21	72.90
3	Scheme to provide financial assistance for creating facility to establish Polytechnic A.H, Himmatnagar under K.U.	145.00	145.00	50.65	61.55	26.92	-	139.12	95.94
4	Scheme to provide financial assistance for establishment of facilities for 11 different Scheme	405.97	405.97	-	57.22	221.65	37.70	316.57	77.98
5	Scheme to establish K.U. and Strengthening of different units and creating facilities	697.99	697.99	78.70	178.85	321.55	-	579.10	82.97
6	Construction (F.Y.2016-17 Unspent Grant Revalidated for F.Y.2017-18)	-	323.89	-	-	-	304.13	304.13	93.90
	Total -(A)	2,649.96	2,973.85	598.20	734.56	615.47	409.87	2,358.10	79.29
(B) Grant From Central Government & Other Agency									
1	NSS Scheme	2.10	2.10	-	1.43	-	-	1.43	68.10
	Total -(B)	2.10	2.10	-	1.43	-	-	1.43	-
(C) Internal Resources									
1	Receipt of University	-	195.28	-	-	-	-	-	-
	Total - (C)	-	195.28	-	-	-	-	-	-
	Total -(A) + (B) + (C)	2,652.06	3,171.23	598.20	735.99	615.47	409.87	2,359.53	79.29



Chapter – 9

Engineering Department: Designing University Excellence

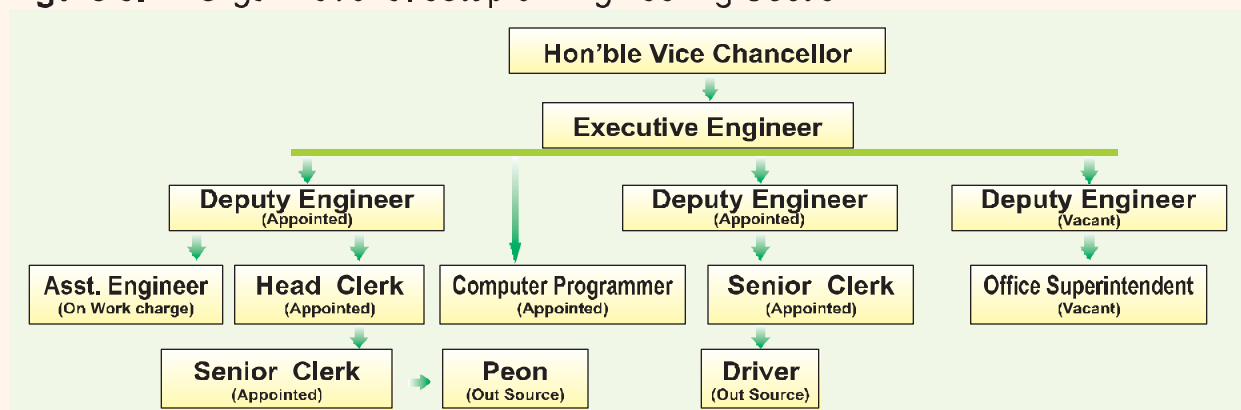


9.1 Introduction

Engineering department of the university take care of the new civil works like construction of college buildings, office premises and its related activities, landscaping and beautification, maintenance of buildings, roads, water supply, drainage system, streetlights, electrification, transport and communication facilities, housekeeping etc. This department is also responsible for preparation of plan estimates of the construction and maintenance works, according technical approvals and monitoring of civil works to be carried out in the university campuses. In addition to this approval for purchase of various items under annual rate contract

system/ recommendations of purchase procedure etc are also taken care by this department. All these works are looked after by Executive Engineer with the Assistance of Deputy Engineers and work charge engineers. The construction work is mostly executed through approved contractors on competitive basis by floating open tenders/e-tenders and observing government guidelines for allotment of the work. Construction related issues/policies/approval are discussed and approved by the construction committee. After allotment of the construction work to a contractor, it is supervised by this department of the university.

Figure 9.1 : Organizational setup of Engineering Section



Staff position: The staff position in the engineering section is given below.

Table 9.1 : Staff details

Sr. No.	Designation	Employee Name
1	Executive Engineer	Shri Sanjay G. Chandne
2	Deputy Engineer	Shri Rakesh A. Bhalani
3	Deputy Engineer	Shri Manish L. Vagadia
4	Computer Programmer	Shri Ravi R. Shida
5	Head Clerk	Shri Gaurang I. Bhatt
6	Senior Clerk	Shri Piyush A. Prajapati
7	Senior Clerk	Mrs. Jahanvi P. Vyas

9.2 Grant Allocation and Constructions

During the year 2017-18 university was given the grant of ₹ 443.06 lakhs (inclusive of revalidated grant) for various construction works at Amreli and Himmatnagar. Department was also given a grant of ₹ 160.00 lakhs for recurring expenditure and ₹ 8.00 lakhs for non- recurring items. The details of the construction work carried out during the year is given in the Annexure-VII.

9.3 Construction Committee

Section-66 of Common Statutes of the SAUs (adapted by this university mutatis mutandis) provides for Construction Committee for taking decision with regard to approval of architectural designs, planning estimates and approval of major works and tenders for new construction work, excess work and extra items as per the powers delegated in Statute. Following Members of Construction Committee attended the meetings held on 06/07/2017 and 07/09/2017.

Table 9.2 : Construction Committee

Sr. No.	Member	Designation	Members present in	
			9 th Meeting	10 th Meeting
1	Vice Chancellor	Chairman	Prof. M. C. Varshneya	Dr. P. H. Vataliya
2	Director of Research	Member	Dr. D. B. Patil	Dr. R. G. Shah (representative)
3	Director of Extension Education	Member	Dr. P. H. Vataliya	Dr. P. H. Vataliya
4	Registrar	Member	Shri N. G. Akolkar	Dr. R. R. Shah
5	I/c Comptroller	Member	Smt Nisha Talsania	Smt. Nisha Talsania
6	Deputy Engineer, KU	Invitee	Er. Rakesh Bhalani	Er. Rakesh Bhalani
7	Planning Officer	Invitee	Dr. V. S. Suthar	Dr. V. S. Suthar
8	Executive Engineer (Expert from R&B Dept.)	Invitee	—	—
10	Executive Engineer	Member Secretary	Er. S. G. Chandne	Er. S. G. Chandne

In 9th meeting approval of excess/ extra item of electrification work of poly-technic building and principal bungalow at Rajpur (Nava), Himmat-nagar and excess work of construction and extra work of dome, ACP cladding, main entrance door, workshop building and electrification work, workshop building and compound wall at College of Dairy Science, Amreli were granted.

While in 10th meeting the approval for construction work of boys hostel at Rajpur (Nava), Himmatnagar at the cost of ₹ 80 lakhs and refund of advance of security deposit (construction of compound wall at Rohika, Bavla, Dist. Ahmedabad) were granted.

9.4 Purchase Committee

Section-69 of Common Statutes of the SAUs (adapted by this university mutatis mutandis) provides for purchase Committee for taking decision with regard to recommendation of the purchase procedure, overall guidance, co-ordination and supervision for the purchase procedure in the university, scrutinizing of tenders/ advertisements etc as per the government guidelines.

Following Members of Purchase Committee attended the 4th meetings held on 11/10/2017.

Table 9.3 : List of Members of Purchase Committee:

Sr. No.	Member	Designation	Members present
1	Vice Chancellor	Chairman	Dr. P. H. Vataliya
2	Director of Research	Member	Dr. D. B. Patil
3	Registrar		Dr. R. R. Shah
4	(I/c) Comptroller		Smt Nisha Talsania
5	Deputy Secretary of Finance Dept. or his representative		Absent
6	Deputy Secretary of Agriculture & Co-operation dept. or his representative		Absent
7	Two non-official members appointed by the BoM	Invitee	—
8	Head of the concerned Department of the University		—
9	Deputy Engineer, KU		Er. Rakesh Bhalani
10	Planning Officer		Dr. V. S. Suthar
11	Dean, Veterinary Faculty	Member Secretary	Dr. S. B. Deshpande
12	Executive Engineer		Er S. G. Chandne

The 4th meeting of the Purchase Committee of the University for the year 2017-18 was held on 11/10/2017 where in the approval for the Annual Rate Contract for housekeeping, purchase of

laboratory equipments and hostel rent agreement for Polytechnic students at Himmatnagar for 2 years were recommended / granted.

**Main Gate of Polytechnic in Animal Husbandry,
Rajpur (Nava), Himmatnagar.**



**Part Work of Livestock Instructional Farm
Polytechnic in Animal Husbandry, Rajpur (Nava), Himmatnagar**





**Shed for
Seed Hatchery,
PGIFER,
Rajpur (Nava),
Himmatnagar**

**Part Work of Boys
Hostel, Polytechnic in
Animal Husbandry,
Rajpur (Nava),
Himmatnagar**



**Part Work of
Veterinary Dispensary,
Polytechnic in
Animal Husbandry,
Rajpur (Nava),
Himmatnagar**

**Approach Road and
Street Lights,
Polytechnic in
Animal Husbandry,
Rajpur (Nava),
Himmatnagar**



Annexure-I

List of Gold Medalists (2016-17)

(A) Medalists of the Postgraduate Faculties

- (1) The Chancellor's Gold Medal was awarded to Mahesh P. for being adjudged as the best post graduate student of PG institute of Veterinary Education and Research.
- (2) The Chancellor's Gold Medal was awarded to Tandel Jitendrakumar Thakorbbhai for being adjudged as the best postgraduate student of PG institute of Fisheries Education and Research.

(B) Medalist of Undergraduate Faculty - (Dairy Technology)

- (1) The Vice Chancellor's Gold Medal was awarded to Patel Harshilkumar Rajeshbbhai for being adjudged as the best student of B.Tech (Dairy Technology) degree of the College of Dairy Science, MIDFT, Mehsana.
- (2) Amreli District Co-operative Milk Producers' Union Ltd. (Amar Dairy) Gold plated Silver Medal was awarded to Mr. Parth S/O Mr. Pratapbbhai Hirpara for securing highest O.G.P.A. of 8.40/10.00 at the end of Eighth semester examination of B.Tech (Dairy Technology) course of College of Dairy Science, Amreli
- (3) Late Shri Jivanlal G. Parmar Gold Plated Silver Medal was awarded to Parth S/O Hirpara Pratapbbhai for securing highest O.G.P.A. of 8.40/10.00 at the end of Eighth semester examination of B.Tech (Dairy Technology) course of College of Dairy Science, Amreli.
- (4) Smt. Kamlaben J. Parmar Gold plated Silver Medal was awarded to Joshi Hardiben Prakashbbhai for securing highest O.G.P.A. of 8.20/10.00 at the end of Eighth semester examination of B.Tech (Dairy Technology) course of College of Dairy Science, Amreli.

(C) Medalists of the Faculty of Veterinary Science and Animal Husbandry (Polytechnic in Animal Husbandry)

- (1) The Vice Chancellor's Gold Medal was awarded to Suvera Digvijay Jethabbhai for being adjudged as the best student of the Diploma in Animal Husbandry, Polytechnic in Animal Husbandry, Himmatnagar.
- (2) Shri Purushottambhai I. Patel Gold Plated Silver Medal was awarded to Chaudhari Mihirkumar Vinodchandra for securing the highest O.G.P.A of 9.00/10.00 in the final examination of Polytechnic in Animal Husbandry, Himmatnagar.

Annexure-II

List of theses submitted

Faculty: Faculty of Veterinary Science and Animal Husbandry.

1. Mahesh P. (2017) Dynamics of vaginal metabiota during estrous cycle and its association with reproductive hormones in *Bubalus bubalis*, under the guidance of Dr V. S. Suthar for M.V.Sc (Animal Reproduction, Gynaecology and Obstetrics).
2. Mr. Kandhani Pravinkumar B. (2018) Genome wide association study of under type traits and milk production in Gir cattle, under the guidance of Dr. P. H. Vataliya for M.V.Sc. (Animal Genetics and Breeding).
3. Trivedi Vijaykumar R. (2018) Genome wide association study of body conformation traits and milk production in Gir cattle, under the guidance of Dr. P. H. Vataliya for M.V.Sc (Animal Genetics and Breeding)
4. Kodyatar Madhuri D. (2018) Study on quality of frozen semen and efficiency of AI technicians and their impact on reproductive performance of buffaloes under AI network programme, under the guidance of Dr. R. G. Shah for M.V.Sc. (Animal Reproduction, Gynaecology and Obstetrics)

Faculty: Faculty of Fisheries Sciences

M.F.Sc (Aquaculture) degree under the guidance of Shri. N. G. Akolkar.

5. Pathan Juned J. (2017) Development of Biofloc using selected organic carbon sources and its effect on survival and growth performance of Jayanti Rohu (*Labeo rohita*).
6. Tandel Jitendra T. (2017) Molecular chracterization of selected seaweed species along Saurashtra coast of Gujarat using DNA barcoding techniques.
7. Vadhel Nirali P. (2017) comparative study of JAYANTI ROHU AND ROHU (*Labeo rohita*). (Hamilton, 1822 Under Biofloc System using selected organic carbon sources.

Annexure-II (A)

Title of approved Synopsis of Postgraduate students

Sr. No.	Name of Student	Title of Synopsis	Major Guide	For Degree
1.	Chauhan Bhavinkumar R.	Banni buffalo enterprise on Banni grassland	Dr. P. M. Desai	MVSc. (LPM)
2.	Thakkar Rajeshkumar S.	Selection of low density SNP panel and its efficiency for genotype imputation to high density SNP panel in Gir cattle of Gujarat	Dr. P. H. Vataliya	MVSc. (AGB)
3.	Mahavadiya Dushyantkumar R.	Evaluation of growth performance and feed utilization using alternative lipid sources in <i>Oreochromis niloticus</i> (Linnaeus, 1758) advance fry	Mr. Vivek Shrivastava	M.F.Sc. (Aquaculture)
4.	Vasava Rajesh J.	Comparative study of survival and growth performance of <i>Penaeus vannamei</i> (Boone, 1931) with probiotic supplementation at higher salinities	Mr. Vivek Shrivastava	M.F.Sc. (Aquaculture)

Annexure-III

List of University publication including research papers, popular articles, lectures/ presentation delivered

Book/ Chapter Published

Prof. M. C. Varshneya

- Delivered a lecture on importance & usage in Space Science of agriculture, animal husbandry and fisheries science on 20th April, 2017 at PRL, Ahmedabad.

Dr. D. B. Patil, Director of Research & Dean PG Studies

- Delivered a Lecture on "Role of Ophthalmological Examination in Toxicological studies" at ZRC (Zydus Research Centre), Ahmedabad. (07.09.2017)

Dr. R. G. Shah, Associate Director of Research

- Presented lead paper on "Policy Interventions to attract intellectual feeder class to Agricultural Education" in the National Intellectual Convention on "Resurrection of Agricultural Education and Research in India" at Banaras Hindu University, Institute of Agricultural Sciences August 09th-10th, 2017.

Dr. V. M. Ramani

- Presented an innovation paper on "Development of nanotechnology based dipstick for the instant detection of milk adulterants" at the Bengaluru Tech Summit, an international conference organized by Government of Karnataka at Bengaluru during 16th-18th November 2017.
- Presented the project proposal of NAHEP to representatives of ICAR and World Bank at ICAR, New Delhi during 24th-26th January, 2018.

Research Publications

- Bhadesiya C. M., Patel T. P., Chaudhary G. R., Chaudhari M. M. and Deshpande, S. B. (2017). Hypothermia, tick infestation and endoparasitic infestation in a female Indian hedgehog (*paraechinus micropus*; Blyth, 1846) : A case report. Trends in Biosciences, 10(35):7492-7500.
- Chaudhary A., Suthar V. S., Sahoo A. R., Chaudhari A. and Chaudhari J. (2017). Conservation models adopted for sheep and goat in India, International Journal of Genetics 9 (02) : 244-247.

- Kabaria J. H. and Ramani V. M. (2017). Exploration of *L. Fermentum* 01 microencapsulation by spray drying technique for their use as probiotic, *Journal of Cell and Tissue Research*. 17(3): 6243-6252
- Kabaria J. H. and Ramani V. M. (2018). Isolation and Identification of Cyanobacteria from Dairy Effluent for Removal of Nutrient with Extraction of High Value Compounds from Biomass. *International Journal of Microbiology Research*. 10(3):1104-1108
- Kabaria J. H. and Ramani V. M. (2018). Chromogenic method for The Instant Detection of Adulterants in Milk. *International Journal of Current Microbiology and Applied Science* 7(4), 467-472.
- C. M. Bhadesiya has published a book entitled "માંસાહારી પ્રાણીઓનો આહાર જાણવાની પ્રાથમિક સંશોધન તકનિક માઈક્રોસ્કોપિક સ્કેટ એનાલીસીસ" (A Primary Diagnostic Technique for Assessment of Diet in Carnivores: 'Microscopic Scat Analysis'; First Gujarati Edition-2018).

Presentations / lectures delivered

- Mahesh P., Suthar V. S., Bhargava P., Bagatharia S. B., Joshi C. G. and Patil D. B. (2017). Detection of two Archaeal Species through Metagenomics in Buffalo Vagina. Fifth Convention of Society of Veterinary Science and Biotechnology, Bhubaneswar September, 22-23, 2017. (Awarded for best poster presentation by Young Scientist)
- *Vadher N., Akolkar N. G., Pathan J., Misra C. K., Shrivastava V. (2017). Comparative study of growth performance of rohu and Jayanti rohu under biofloc system Page: 205 (Abstract).
- *Pathan J., Akolkar N. G., Vadher N., Misra C. K., Shrivastav V. (2017) "Growth performance and survival of Jayanti rohu fingerling under biofloc system using different organic carbon sources. Page: 267 (Abstract) *Presented at 11th IFAF during November 21-24, 2017, Book of Abstracts Asian Fisheries Society Indian Branch, ICAR- Central Institute of Fisheries Technology.
- Mahesh P., Suthar V. S., Bhargava P., Bagatharia S. B., Joshi C. G. and Patil D. B. (2018). Identification Vaginal Metabiota and its association with Reproductive Hormones in *Bubalus bubalis* using Metagenomics. Presented at Indian Society for Study of Animal Reproduction. Kolkata. Page: 235.
- Presented at Tenth National Science Symposium on 11th February 2018, abstract book Science Symposium on recent trends in science and technology, Christ College, Rajkot.

- Kandoriya B., Lende S. R., Sagar K., Khava R., Mahavadiya D. (2018). Role of seaweed as feed additives for pigmentation in ornamental fish industry. Page: 86.(Abstract)
- Sagar K., Lende S. R.,Kandoriya B.,Khava R., Sapra D. (2018) Pangasius: A Potential candidate freshwater spp. For aquafarming in Gujarat". Page:88 (Abstract)
- Vadher D., Lende S. R., Khava R., Sapra D., Mahavadiya D. (2018). Effect of anti nutritional factors on finfish nutrition. Page: 102 (Abstract).
- Khava R.,Lende S. R., Vadher D., Kandoriya B., Khara S. (2018) "Biofloc technology for production of tilapia in indoor tank culture: present status and future prospects. Page : 102 (Abstract).
- Sapra D., Lende S. R., Kandoriya B., Khava R., Sagar K., Vadher D., Mahavadiya D. (2018). Effect of different anaesthetics used in fish seed transportation. Page: 103 (Abstract).

Annexure-IV

List of Seminar/Symposia/Conference/Training/ Meetings/ Guest lecture/Other events organized by Kamdhenu University, Gandhinagar.

1. A guest lecture of Shri Ankur Jamwal was organised on "Concepts of Fish Bioenergetics and its importance in Aquaculture feed formulation" on 21st April 2017 at KU, Gandhinagar.
2. Inauguration of new building of Polytechnic for Diploma in Animal Husbandry, Foundation stone laying ceremony for construction of Gaushala and students hostel at Rajpur (Nava), Himmatnagar on 28th May, 2017 by Shri Radha Mohan Singhji, Hon'ble Union Minister of Agriculture and Farmers Welfare, Government of India and other dignitaries.
3. Inauguration of new building of college of Dairy Science at Shedubhar, Amreli, on 17th September, 2017 by Hon'ble Prime Minister, Shri Narendra Modi on his 68th birthday
4. A demonstration session for the usage of the portal organized at Kamdhenu University Gandhinagar by Informatics Publishing Ltd on 4th Oct, 2017.
5. One day technical seminar on "Entrepreneurship Development in Ornamental Fish Culture" by PGIFER on the occasion of "World Fisheries Day" on 21st Nov 2017 at KU. Gandhinagar.
6. One Day Technical Seminar on "Role of Veterinarians in Conservation of Wild Animals: Ethics, Tactics & Techniques" on 07th, December, 2017 by PGIVER, KU, Gandhinagar.
7. One day training on "Public Financial Management System" (PFMS) with the cooperation of PFMS Cell, Gujarat State on 15th December, 2017.
8. Fourth Convocation of Kamdhenu University organized at GMER-S Auditorium, Government Medical College, Civil Hospital, Gandhinagar on 3rd February, 2018.
9. One-day book exhibition was organized at Kamdhenu University Gandhinagar on 6th March, 2018.

Annexure: V

List of Seminar/Symposia/Conference/Training/ Meetings attended by Vice-Chancellor, Teachers and Staff Members

Prof. M. C. Varshneya, (Vice Chancellor up to 18/082017)

attended meeting of/for

- Agriculture Education on 4th April, 2017 at ICAR, New Delhi.
- ICAR Review Committee on 22nd - 24th April, 2017 and 30th June at New Delhi.
- Recruitment of Dean's & Directors of SAUs of Maharashtra as Governor's nominee on 2nd & 3rd May, 2017 at MAURB, Pune.
- Integration of veterinary, Dairy and Fisheries Colleges with Kamdhenu University with Hon'ble Chief Minister of Gujarat on 4th May and 11th May, 2017 at Gandhinagar.
- Appointment by nomination to the posts of Dean (Agriculture), DR and DEE of SAUs of Maharashtra on 6th June to 12th June, at MAURB 2017.
- Sub Committee on Administration of Governing Body of ICAR, on 27th-28th June, 2017 at New Delhi.

Participated in

Krusha Mahotsav organized by Anand Agricultural University, Anand on 6th May, 2017 at Nadiad.

- Lokarpan function of Polytechnic building by Hon'ble Minister of Agriculture & Farmers Welfare, GoI, New Delhi on 28th May, 2017 at Kamdhenu University, Himmatnagar.
- Celebration of 3rd International Yoga Day on 21st June, 2017 at Dairy Science College, Amreli.

Chaired

- Brain Storming meeting of ICAR Review Committee on 23rd June, 2017, KU at Gandhinagar.
- Dairy Farmer's Training Program on 7th July, 2017 at Vasan, Dist. Gandhinagar.
- Valedictory function (Farewell Function) for the outgoing 4th batch of Diploma students of Polytechnic in Animal Husbandry, Rajpur (Nava), Himmatnagar on 19th July, 2017.
- 2nd NSS Advisory Committee Meeting on 2nd Aug, 2017 at KU, Gandhinagar
- Flag hoisted on 71st Independence Day Celebration on 15th Aug, 2017.

Dr. P. H. Vataliya, Vice Chancellor (22-08-2017 onwards)

Attended

- 29th Board of Management Meeting of Gauvseva & Gouchar Vikas Board on 5th Sept, 2017 at Gandhinagar.
- Pashupalak Purashkar Vitran Samaroha 2017-18 at Town Hall, Gandhinagar on 11th Sept, 2017.
- Lokarpan of new building of college of Dairy Science at Shedubhar, Amreli, inaugurated by Hon'ble Prime Minister Shri Narendra Modi on his 68th birthday, 17th September, 2017.
- Joint Board of VCs at Saurashtra University, Rajkot on 20th Sept, 2017
- Dairy Utkrustata Purashkar Samaroh & Release of INDUSCHIP-1 on 26th Sept, 2017 at NDDDB, Anand.
- 13th Annual Convocation of SDAU, Sardar Krushinagar on 14th Nov, 2017.
- 42nd Vice Chancellors Convention of IAUA on: "Globalization of Agricultural Education: Role and Responsibilities of Indian Agricultural Universities" on 17th - 18th Nov, 2017 at MPUAT, Udaipur.
- International Workshop on "Genomic Selection for Genetic Improvement in Indian Dairy Animals" organized by BAIF Development Research Foundation on 28th & 29th Nov, 2017 at Pune.
- Meeting with Shri Chhabilendra Roul, IAS, Additional Secretary, DARE & Secretary, ICAR for accreditation of Kamdhenu University and ICAR Grants on 20th Dec, 2017 at Gandhinagar.
- 13th Annual Convocation of Anand Agricultural University on 2nd January, 2018 at Anand.
- 52nd Annual Convention of Indian Society of Agricultural Engineers (ISAE) and National Symposium on "Doubling Farmer's Income through Technological Interventions" organized by ISAE and Anand Agricultural University on 8th Jan, 2018 at Anand.
- Program of Book launch of "Building climate Smart Farmers" by Dr. Kirit Shelat & Dr. Odemari Mbuya on 12th Jan, 2018 at Gujarat Chamber of Commerce & Industry, Ahmedabad.
- Meeting of Award Scrutiny Committee and Executive Council committee meeting of GAAS on 16th Jan, 2018 at Gujarat Vidhyapith, Ahmedabad.
- 13th Annual Convocation of Navsari Agricultural University on 19th Jan, 2018 at Navsari.
- Valedictory program of inter-college/PG cultural competition "SANSKRUTI 2017-18" as President organized by KU, Gandhinagar on 20th Jan, 2018 at MIDFT, Mehsana.

- 13th Annual Convocation of Junagadh Agricultural University on 28th Jan, 2018 at Junagadh.
- Action Seminar on "Inclusive Agriculture & Doubling Farmer Income" organized by Agriculture, Farmers Welfare & Co-operation Department, Govt. of Gujarat on 15th Feb, 2018 at Mahatma Mandir, Gandhinagar.
- 3rd National Agricultural Youth Convention on "Transforming Agriculture for Agripreneurship & Employment Opportunities" as Chief Guest and also as Technical Panelist jointly organized by AAU, AIASA and ICAR on 23rd & 24th Feb, 2018 at Assam Agricultural University, Jorhat, Assam.
- One day book exhibition facilitated by Kamdhenu University Librarian, (I/c) on 6th March, 2018 at KU, Gandhinagar
- Annual Conference of VCs of AUs & interface meeting with Directors of ICAR on 7th & 8th March, 2018 at NASC Complex, New Delhi.
- 12th Annual function-2018 on 9th March, 2018 at Vidya Sankul, Keshvam Polytechnic in Animal Husbandry, Chhapi, Idar.
- Joint Board of Vice Chancellor Meeting at Shree Somnath Sanskrit University and visited College of fisheries, JAU on 15th March, 2018 at Veraval.
- Joint Board of Vice Chancellor Meeting on 28th March, 2018 at Bhavnagar Maharaja Krushnakumarsinhji University, Bhavnagar.

Chaired

- NAMO E-Tablet distribution program on 6th Sept, 2017 at College of Dairy Science, Amreli and on 8th Sept, 2017 at MIDFT, Mehsana.
- 10th Construction Committee meeting of KU on 7th Sept, 2017.
- Purchase Committee Meeting of Kamdhenu University on 11th October, 2017
- Meeting on implementation and initiation of purchase from GeM on 1st November, 2017 at Kamdhenu University, Gandhinagar.
- Finance Committee Meeting of Kamdhenu University on 23rd Nov, 2017 at, Gandhinagar.
- 9th Academic Council Meeting of Kamdhenu University on 24th Jan, 2018 at Gandhinagar.
- 10th Board of Management Meeting of Kamdhenu University on 2nd Feb, 2018 at Gandhinagar.
- Co-chaired SAP & SIDP meeting at Anand Agricultural University on 19th Feb, 2018 at Anand.
- Inaugural and Valedictory functions of inter college & inter polytechnic Sports Meet "SPANDAN 2018" on 3rd March, 2018 at Netaji Subhash Western Center, Gandhinagar

- 10th Academic Council Meeting of Kamdhenu University on 19th March, 2018 at Gandhinagar.
- 1st Meeting of Veterinary and Animal Sciences Research Council of Kamdhenu University on 22nd March, 2018 at Gandhinagar.
- 1st Meeting of Veterinary and Animal Sciences Extension Education Council of Kamdhenu University on 22nd March, 2018 at Gandhinagar.

Inaugurated

- Inter College Competition at Polytechnic in Animal Husbandry, Himmatnagar on 27th Oct, 2017.
- "SARJAN" and distributed Certificates for Fine Arts Competition to students on 3rd Nov, 2017 at Vrundavan Polytechnic in Animal Husbandry, Jasdan.
- Seminar on "Entrepreneurship Development in Ornamental Fish Culture on the occasion of "World Fisheries Day" on 21st Nov, 2017 at Kamdhenu University, Gandhinagar.
- One Day Technical Seminar on "Role of Veterinaries in Conservation of Wild Animals: Ethics, Tactics & Techniques" on 7th Dec, 2017 at Kamdhenu University, Gandhinagar.
- PFMS Training program for staff of Kamdhenu University on 15th Dec, 2017 at Kamdhenu University, Gandhinagar.
- As Chief Guest at National Symposium on "Sustainable Management of Livestock & Poultry Diversity for enhancing the farmers Income" organized by Society for Conservation of Domestic Animal Biodiversity (SOCDAB), on 8th, 9th & 10th Feb, 2018 at College of Veterinary and Animal Science, RAJUVAS, Bikaner.
- Flag hosted on 15th August, 2017 and 26th January, 2018 (69th Republic Day Celebration) at Kamdhenu University, Gandhinagar and attended Republic Day Celebration Function at Raj Bhavan, Gandhinagar on 26th Jan, 2018.
- Flagged off ambulatory services of Polytechnic in AH, Himmatnagar on 3rd March, 2018.

Dr. D. B. Patil, Director of Research & Dean PG Studies

Attended:

- Thirteenth Combined AGRESCO of SAUs at SDAU, Sardarkrushinagar (05.07.2017)
- Second Interactive meet of all the Nodal Officers of SAUs/DUs/CUs at Sher-e-Kashmir University of Agricultural Sciences and Technology, Srinagar, J&K" (1-2 May 2017)

- ISVS-2017 Tirupati as Executive Secretary (Dec. 14-16 2017)
- Seminar on Inclusive Agriculture & Doubling Farmer Income at Mahatma Mandir, Gandhinagar (15 Feb 2018)

Dr. P. H. Vataliya, Director of Extension Education

Attended

- World Veterinary Day Celebration cum AAVCA seminar on "Antimicrobial Resistance from Awareness to Action" on 29th April, 2017 at Anand Agricultural University, Anand.
- Valedictory function for the fourth outgoing batch of diploma students of Polytechnic in Animal Husbandry on 19th July, 2017 at Rajpur (Nava), Himmatnagar.
- Inauguration function of "Dairy Management and Adarsh Pashupalan Training Programme" held in Krishi Workshop - 2017 as a Chief Guest on 3rd September, 2017 at Mahatma Mandir, Gandhinagar.
- Pashupalak Purashkar Vitran Samaroh 2017-18 at Town Hall, Gandhinagar on 11th September, 2017.
- Dairy Utkrushtata Purashkar Samaroh & Release of INDUSCHIP - 1 at NDDDB, Anand on 26th September, 2017.

Dr. R. G. Shah, Associate Director of Research

Participated

- one day Brainstorming session on "Agriculture and Horticulture and Animal Husbandry, Dairy and Fishing" organised by GUJCOST on 12th April, 2017.
- AAVCA seminar on "Antimicrobial Resistance: From Awareness to Action" at Veterinary College, Anand on 29th April, 2017.
- FICCI India Innovation Growth Programme 2.0" at Indian Institute of Management (IIM), Ahmedabad on 06th May, 2017.
- FICCI Panel discussion on "India-Africa Technology and Innovation Transfer" at Mahatma Mandir, Gandhinagar on 24th May, 2017.
- National Intellectual Convention on "Resurrection of Agricultural Education and Research in India" at Banaras Hindu University, Institute of Agricultural Sciences during 9th & 10th August, 2017.
- Scientific Animal Husbandry Programme for women organized by DEE, KU at
(a) Jalund, Dist- Gandhinagar on 6th June, 2017 and
(b) Himmatnagar on 22nd September, 2017.

Dr. V. S. Suthar, Planning Officer

Participated

- AAVCA seminar on "Antimicrobial Resistance: From Awareness to Action" at Veterinary College, Anand on 29th April 2017.
- "Stress Management" training at National Academy of Agriculture Research Management, Hyderabad during 12th -15th July , 2017.

Dr. T. P. Patel, Assistant Professor

Attended

- Farmers' Training: "Holistic Animal Husbandry Extension Education Programme" organized by DEE, KU at Sasan Gir, Junagadh during 4th -5th October, 2017.

Dr. C. M. Bhadesiya, Assistant Professor

Attended

- Farmers' Training: "Scientific Animal Husbandry Training Programme" organized by DEE, KU at
 - (a) Jalund, Ta. Gandhinagar on 6th June, 2017,
 - (b) Nardipur, Ta. Kalol, Dist. Gandhinagar on 22nd September, 2017 and
 - (c) Chitroda, Ta. Idar, Dist. Sabarkantha on 11th January, 2018.
- Farmers' Training: "Holistic Animal Husbandry Extension Education Programme" organized by DEE, KU at Sasan Gir, Junagadh during 4th -5th October, 2017 (Co-ordinator)

Dr. G. R. Chaudhary, Assistant Professor

- Farmers' Training: "Scientific Animal Husbandry Training Programme" organized by DEE, KU at
 - (a) Jalund, Ta. Gandhinagar on 6th June, 2017 and
 - (b) Nardipur, Ta. Kalol, Dist. Gandhinagar on 22nd September, 2017
- Farmers' Training: "Holistic Animal Husbandry Extension Education Programme" organized by DEE, KU at Sasan Gir, Junagadh during 4th -5th October, 2017 .

Dr. Shraddha Vekariya, Assistant Professor,

- Symposium on "Vulture Conservation - A Future Perspective" organized by Gujarat Ecological Education and Research Foundation (GEER), Gandhinagar on 7th October, 2017.

Dr. R. M. Patel, Assistant Professor (outsourced)

- Training on "Mukhyamantri Yuva Swavalamban Yojana" at KCG Campus, Ahmedabad on 28th August, 2017.

Dr. F. M. Kapadiya, Veterinary Officer

- Sseminar on "Role of Veterinarians in Conservation of Wild Animals: Ethics, Tactics & Techniques" organized by Kamdhenu University, Gandhinagar on 07th December, 2017
- One day training programme on "Public Financial Management System (PFMS)" organized by Kamdhenu University, Gandhinagar on 15th December, 2017.

Dr. M. B. Rajput, Veterinary Officer

- Participated in National Conference on "Role of National Youth Policy in Reaping the Demographic Dividend through Youth Empowerment: Status & Futuristic Strategies" organized by GB Pant University of Agriculture & Technology, Pantnagar, Uttarakhand during 12-13 January, 2018.

Dr. Tanvir Fatima Momin, Sr. Research Assistant

- AAVCA seminar on "Antimicrobial Resistance: From Awareness to Action" at Veterinary College, Anand on 29th April 2017.
- Training for purchase procedures through GEM website at Ahmedabad on 31st May, 2017.
- One Day Seminar on "Role of Veterinarians in Conservation of Wild Animals: Ethics, Tactics & Techniques" organized by Kamdhenu University on 7th December, 2017.
- One Day training on PFMS (Public Financial Management System) organized by Kamdhenu University on 15th December, 2017.

Dr. Meghraj Chaudhary, Sr. Research Assistant

- Farmers' Training: 'Farmer's Training Programme' at Shekhadi, Ta. Petlad, Anand on 10th October, 2017.
- One Day Seminar on "Role of Veterinarians in Conservation of Wild Animals: Ethics, Tactics & Techniques" organized by Kamdhenu University on 7th December, 2017.

- One Day training on PFMS (Public Financial Management System) organized by Kamdhenu University on 15th December, 2017.

Dr. S. P. Swami, Veterinary Officer

- Symposium on "Vulture Conservation - A future perspective" organized by Gujarat Ecological Education and Research (GEER) foundation, Gandhinagar on 7th October, 2017.

Dairy Faculty

Dr. V. M. Ramani, Principal and Dean, College of Dairy Science, Amreli,

Participated

- Fifth Dean Committee meeting at College of Agricultural Engineering and Post Harvest Technology, Ranipool, Gangtok, Sikkim during 2nd to 5th June, 2017.
- The Bengaluru Tech Summit, an international conference organized by Government of Karnataka at Bengaluru during 16th -18th November, 2017.
- One day workshop entitled "Fiduciary and Orientation Workshop for Participating Agricultural Universities under IDP, CAAST and Innovation Grant" at NASC, New Delhi on-14th March, 2018.

Dr. Kunal Kumar Ahuja, Assistant Professor, College of Dairy Science,

- Participated in 21 days National Training on "Dairy and Food Process Engineering: Equipment, Processing and Value Addition" organized by Dairy Engineering Division under the aegis of Centre of Advanced Faculty Training (CAFT) in Dairy Processing at ICAR-NDRI, Karnal during 10th to 30th January, 2018.

Mr. CVK Sudheendhra, Assistant Professor

- Participated in 21 days summer training on "Analytical, instrumental and imaging techniques relevant to food safety management", organized by ICAR-Central Institute of Agricultural Engineering (CIAE), Bhopal during 6th to 26th July, 2017.

Shri A. J. Thesiya, Assistant Professor

- NSS program officer, College of Dairy Science Amreli attended three days training program titled "Drought Risk Mitigation and Management" at GIDM Gandhinagar, from 16th May 2017 to 18th May, 2017.

Mr. Jignesh K. Nakum, Assistant Librarian, College of Dairy Science,

- Participated in the National Conference on Emerging Library, Information Science and Technologies at Mahatma Phule Krishi Vidyapeeth, Rahuri (Maharashtra) during 20th to 21st July, 2017.

- The National Workshop on "KOHA Installation and Operations" organized at Information and Library Network Centre, Gandhinagar (Gujarat) during 22nd to 24th January, 2018.

Fisheries Faculty

Mr. Vivek Srivastava, Assistant Professor

Participated

- Combined- joint AGRESCO meeting of SAUs of Gujarat organized at SDAU, Sardarkrushinagar during 5th to 7th April, 2017.
- One day induction program on "Startup and Innovation Policy (SSIP)" at Ahmedabad on 04th May, 2017.
- One day seminar on "Advance Analytical Tool for Food Safety and Quality Testing" organized by AOAC at Gujarat Institute of Disaster Management, Gandhinagar on 9th May, 2017.
- One day seminar on "Role of Veterinarians in Conservation of Wild animals: Ethics, Tactics and Techniques" organized by PGIVER, Kamdhenu University, on 7th December, 2017.
- One day program on PFMS (Public Financial Management System) at Kamdhenu University, Gandhinagar on 15th December, 2017.
- "Tenth National Science Symposium-2018 on recent trends in Science and Technology" organized by Christ College, Rajkot Gujarat on 11th February, 2018. and also presented research outcome through oral and poster presentation.

Dr. Smit Lende, Assistant Professor

Attended

- Training for purchase procedures through GEM website at Ahmedabad on 31st May, 2017.
- "Brain Storming meeting for identification of the problems relevant to the state and their biotechnology solutions for research support to academia" organized by GSBTM, Gandhinagar on 12nd July, 2017.
- "Interactive Session for Research Support Scheme-2017" at GSBTM, Gandhinagar on 7th October, 2017.
- One day seminar on "Role of Veterinarians in Conservation of Wild animals: Ethics, Tactics and Techniques" organized by PGIVER, Kamdhenu University, Gandhinagar on 7th December, 2017.

Mr. Sujit Kumar, Assistant Professor**Attended**

- Brain storming Session on "Seaweed Farming and its Utilization in Gujarat" at ICAR-CMFRI, RRC, Veraval on 9th May, 2017. (name of organizer?)
- "Brain Storming meeting for identification of the problems relevant to the state and their biotechnology solutions for research support to academia" organized by GSBTM, Gandhinagar on 12nd July, 2017.
- "Interactive Session for Research Support Scheme 2017" at GSBTM, Gandhinagar on 7th October, 2017.
- One day seminar on "Role of Veterinarians in Conservation of Wild animals: Ethics, Tactics and Techniques" organized by PGIVER, Kamdhenu University, Gandhinagar on 7th December, 2017.

Other Staff**Shri B. D. Devganiya, Accounts Officer,**

Attended the meeting of project proposal presentation to SNAHEP to representatives of ICAR and World Bank at ICAR, New Delhi, along with Dean, Dairy Science Faculty during 24th to 26th January, 2018.

Kamdhenu University participated in Grand Education Fair organized by Education department, Gujarat and Gujarat University at GMDC Hall Ahmedabad during 14th to 16th June 2017. More than 2500 students/parents visited and sought the career guidance in the field of Veterinary, Dairy and Fisheries.

Annexure-VI

Student's participation

Four students of Dairy Science College, Amreli participated in 12th National Conference on "Role of National Youth Policy in Reaping the Demographic Dividend through Youth Empowerment: Status & Futuristic Strategies, 2018" during January 12-13, 2018, GBPUAT, Pantnagar, (Uttarakhand). Poster presented by **Zenith K. Patel**, secured the first Position in poster session.

Four students of Dairy Science College, Amreli participated in 10th National Inter-University Debate on "Is the Present Youth Policy of India Efficient in Reaping the Demographic Dividend" during 14th-15th January, 2018 at GBPUAT, Pantnagar, (Uttarakhand).

XVIII All India Inter Agricultural Universities Sports & Games Meet, **AGRI UNISPORTS 2017-18** was organized at University of Agriculture Sciences (UAS), Bangalore during 30th Jan. to 3rd Feb., 2018. Thirty Eight Students of Kamdhenu University, Gandhinagar participated in different games like Kabaddi, Volleyball, Table-Tennis, Badminton and Athletics.

XVIII All India Inter Agricultural Universities Youth festival- **AGRI UNIFEST-2018** was organized at Shri Venkateswara Veterinary University, Tirupati, sponsored by ICAR during 12th to 18th February 2018. Twenty Five Students of UG /PG of Kamdhenu University participated in Debate, Extempore, Quiz, Elocution competitions, on the Spot Painting, Rangoli, Clay Modelling, Poster Making, Cartooning, Paper Collage, Music, Dance and theater etc.

Educational tour for final year B. Tech. (DT) students of College of Dairy Science, Kamdhenu University, Amreli was arranged during 05/02/2018 to 14/02/2018. They visited 12 renowned dairy plants and 4 renowned educational institutes.

One day educational visit of 36 students of the sixth semester and 6 PG students to Central Food Testing Laboratory, Junagadh Agricultural University, Junagadh was organized by Dairy Microbiology Division and Dairy Chemistry Division of Dairy Science College, Amreli.

Educational tour of Polytechnic in Animal Husbandry, Rajpur (Nava), Himmatnagar was organized during 15th-21st February, 2018. Twenty seven students of six semester visited several educational institutes, NGOs, vaccination institute & other places etc were visited as per schedule.

Annexure-VII

List of Civil work completed during the year 2017-18

Sr. No.	Name of the construction work	Grant (₹ in Lakhs)		Savings (₹ in Lakhs)
		Allotted	Spent	
A. Strengthening of Kamdhenu University head quarters Bhamsara / Rohika				
1	Construction of compound wall	93.89	85.05	9.84
2	Contour survey for land			
B. Strengthening of College of Dairy Science, Amreli				
3	Shifting of electric poles and installation of temporary electric meter	21.02	19.95	1.07
4	Purchase of 240 square millimeters 4-core aluminum cable and its functioning			
5	Hiring JCB for land leveling work, soil finishing for ground level work and plantation of trees			
6	Construction of trimix road and paver block work			
7	Purchase of related items			
C. Strengthening of Polytechnic in Animal Husbandry, Rajpur (Nava), Himmatnagar				
8	Work of installation of permanent meter for fish pond and Polytechnic building	91.85	83.05	8.80
9	False ceiling and electrification and purchase of required items and furniture for polytechnic			
10	Water supply management			
11	Construction of boys hostel			
12	Misc. purchase for above work			
D. Establishment of Teaching Veterinary Polytechnic at Rajpur (Nava), Himmatnagar				
13	Construction of veterinary dispensary	57.88	57.87	0.01
E. Establishment of Livestock instructional farm at Rajpur (Nava), Himmatnagar				
14	Construction of livestock instructional farm	59.25	59.24	0.01

F. Establishment of 11 different schemes of Kamdhenu University				
15	Construction of main gate, shed for seed hatchery with green net at Rajpur (Nava), Himmatnagar	44.17	37.71	6.46
16	Providing and installation of PVC water tank at Rajpur (Nava), Himmatnagar			
17	False ceiling work and electrification work at Rajpur (Nava), Himmatnagar			
18	Construction of approach road at Rajpur (Nava), Himmatnagar			
G. Under the scheme of minor work repair and maintenance of civil works and other infrastructure amenities at Gandhinagar, Himmatnagar and Amreli				
19	Hiring of earth moving machineries for land development work/ Construction of underground water tank and Work related to Fiber shed, S.S. mosquito net, collapsible gate, railing work, barbed fencing, street light and parking shed at Rajpur (Nava), Himmatnagar	75.00	68.31	6.69
20	Creation of parking facilities, Fitting of CCTV camera, Minor work of furniture and Improvement in existing playgrounds at College of Dairy Science, Shedubhar, Amreli			
21	Purchase of furniture for P.G hostel, electrification work, purchase and maintenance of water supply system and maintenance of office equipments at Kamdhenu University, Gandhinagar			
H. Purchase of non- recurring items				
22	Purchase of plotter, scanner and all in one desktop computer	8.00	6.96	1.03

Annexure - VIII

Participation in SPANDAN 2018 Sports Competitions

(A) Results of Inter Colleges and PG sports competitions (March 3rd - 4th, 2018)

Sr. No.	Event	M/F	Winner College	Runners-up College
1	BADMINTON	Male	CDS, Amreli	MIDFT, Mehsana
2	TABLE TENNIS	Male	PG Fisheries	CDS, Amreli
3	SHOT PUT	Male	MIDFT, Mehsana	MIDFT, Mehsana
4	SHOT PUT	Female	MIDFT, Mehsana	MIDFT, Mehsana
5	DISCUS	Male	CDS, Amreli	MIDFT, Mehsana
6	DISCUS	Female	CDS, Amreli	MIDFT, Mehsana
7	100 M	Male	MIDFT, Mehsana	CDS, Amreli
8	100 M	Female	MIDFT, Mehsana	MIDFT, Mehsana
9	200 M	Male	CDS, Amreli	MIDFT, Mehsana
10	200 M	Female	MIDFT, Mehsana	MIDFT, Mehsana
11	400 M	Male	MIDFT, Mehsana	CDS, Amreli
12	400 M	Female	CDS, Amreli	MIDFT, Mehsana
13	800 M	Male	CDS, Amreli	MIDFT, Mehsana
14	800 M	Female	CDS, Amreli	—
15	LONG JUMP	Male	MIDFT, Mehsana	CDS, Amreli
16	LONG JUMP	Female	MIDFT, Mehsana	MIDFT, Mehsana
17	HIGH JUMP	Male	CDS, Amreli	MIDFT, Mehsana
18	HIGH JUMP	Female	CDS, Amreli	MIDFT, Mehsana
19	KABADDI	Male	MIDFT, Mehsana	CDS, Amreli
20	VOLLEYBALL	Male	CDS, Amreli	MIDFT, Mehsana
21	VOLLEYBALL	Female	MIDFT, Mehsana	—
22	CHESS	Male	CDS, Amreli	MIDFT, Mehsana
23	CHESS	Female	CDS, Amreli	CDS, Amreli

(B) Results of Inter Polytechnics sports competitions (March 3rd - 4th, 2018)

Sr. No.	Event	M/F	Winner Polytechnic	Runners-up Polytechnic
1	BADMINTON	Male	Ridhhi PAH, Himmatnagar	PAH, Himmatnagar
2	BADMINTON	Female	PAH, Himmatnagar	Vrundavan PAH, Jasdan
3	TABLE TENNIS	Male	PAH, Himmatnagar	Keshavam PAH, Chhapi
4	TABLE TENNIS	Female	PAH, Himmatnagar	Vrundavan PAH, Jasdan
5	SHOT PUT	Male	Vrundavan PAH, Jasdan	PAH, Himmatnagar
6	SHOT PUT	Female	PAH, Himmatnagar	Ridhhi PAH, Himmatnagar
7	DISCUSS	Male	PAH, Himmatnagar	Vrundavan PAH, Jasdan
8	DISCUSS	Female	PAH, Himmatnagar	Ridhhi PAH, Himmatnagar
9	100 M	Male	Navsarjan PAH, Vijapur	PAH, Khadasali
10	100 M	Female	PAH, Himmatnagar	PAH, Khadasali
11	200 M	Male	Navsarjan PAH, Vijapur	Keshavam PAH, Chhapi
12	200 M	Female	PAH, Himmatnagar	PAH, Khadasali
13	400 M	Male	Navsarjan PAH, Vijapur	Ridhhi PAH, Himmatnagar
14	400 M	Female	PAH, Himmatnagar	Ridhhi PAH, Himmatnagar
15	800 M	Male	Ridhhi PAH, Himmatnagar	PAH, Khadasali
16	4x100 M	Male	Keshavam PAH, Chhapi	Navsarjan PAH, Vijapur
17	4x100 M	Female	PAH, Himmatnagar	—
18	LONG JUMP	Male	Ridhhi PAH, Himmatnagar	PAH, Khadasali
19	LONG JUMP	Female	PAH, Himmatnagar	PAH, Khadasali
20	HIGH JUMP	Male	Keshavam PAH, Chhapi	Navsarjan PAH, Vijapur
21	HIGH JUMP	Female	PAH, Himmatnagar	—
22	VOLLEYBALL	Male	Ridhhi PAH, Himmatnagar	Vrundavan PAH, Jasdan
23	KABADDI	Male	Navsarjan PAH, Vijapur	Keshavam PAH, Chhapi
24	CHESS	Male	Navsarjan PAH, Vijapur	PAH, Khadasali
25	CHESS	Female	Ridhhi PAH, Himmatnagar	—

Annexure-IX

Awards and Honours received

1. **Dr. D. B. Patil**, Director of Research & Dean PG Studies (KU) and Executive Secretary, Indian Society for Veterinary Surgery (ISVS) bestowed with 'Dr. A. K. Bhargava Memorial Award-2016' for the best Research Article "Surgical management of ocular setariasis in horses", published in the Indian Journal of Veterinary Surgery, Volume 37 Issue 1, (June, 2016) during 41st Annual Congress of Indian Society for Veterinary Surgery (ISVS) and National Symposium on "New Horizons in Cancer Research Pertaining to Effect on Health, Production and Reproduction in Animals" from December 14th-16th 2017, organised by Department of Veterinary Surgery and Radiology, College of Veterinary Science, Sri Venkateswara Veterinary University (SVVU), Tirupati
2. **Shri M. J. Vasavada**, Office Superintendent, KU
Secured first rank in Gandhinagar District in the open essay competition on "What can I do for Cleanliness?" organized by Govt. of India under clean India campaign. He received cash prize and certificate from the DRDA.
3. **Shri Ankit Thesia**, Assistant Professor
stood third in the state level presentation my unit "Adopted Village" held during National Service Scheme Day Celebration hosted by Krantiguru Shyamji Krishna Verma University, Bhuj-Kachchh during 22nd to 24th September 2017.
Mr. Chaudhry Urveshkumar Ravjibhai, (NSS cadet)
A student of MIDFT, Mehsana NSS unit got third Prize in Elocution competition held during NSS day celebration in National Service Scheme Day Celebration hosted by Krantiguru Shyamji Krishna Verma University, Bhuj- Kachchh during 22nd to 24th September, 2017.
Zenith K. Patel, Student of CDS, Amreli on Secured the first Position in poster presentation at 12th National Conference on "Role of National Youth Policy in Reaping the Demographic Dividend through Youth Empowerment: Status & Futuristic Strategies, 2018" during January 12th-13th, 2018 at GB Pant University of Agriculture & Technology, Pantnagar (Uttarakhand).
4 students of MIDFT, Mehsana participated in National Quiz and Judging contest organized by SMC College of Dairy Science, AAU, Anand during 7th-8th Sept., 2017. Mr. Chirag Panchal achieved second position in Judging contest in individual category and & Mr. Chirag Panchal & Mr. Himanshu Prajapati secured **third position** in overall group category.

Annexure-X

Constitution of Planning Board

Sr. No.	Designation	Name	Member
1	Hon'ble Vice-Chancellor	Prof. M.C. Varshneya/ Dr. P. H. Vataliya	Chairman
2	Director of Research & Dean PG Studies	Dr. D. B. Patil	Member
3	Director of Extension Education	Dr. P. H. Vataliya	Member
4	Registrar	Dr. R. R. Shah	Member
5	Dean, Veterinary Faculty	Dr. S. B. Deshpande	Member
6	Dean, Dairy Science Faculty	Dr. V. M. Ramani	Member
7	I/C Dean, Fisheries Faculty	Prof. N. G. Akolkar/ Shri Vivek Shrivastava	Member
8	Director of Student Welfare	Dr. B. N. Patel	Member
9	I/C Comptroller	Smt. Nisha Talsaniya	Member
10	Planning Officer	Dr. Vishal Suthar	Member Secretary
11	Ex-DDG (AS), ICAR, New Delhi & Ex- VC, PDKV, Akola (Mah) and Ex- VC PDU, Mathura	Dr. M. L. Madan	Nominated Members
12	Director, National Dairy Research Institute (NDRI), Karnal	Dr. A. K. Srivastava	
13	Vice Chancellor, DUVASU, Mathura, UP Ex. Director, NRCC, Bikaner, Ex. DDG (Animal Science) ICAR	Dr. K. M. L. Pathak	
14	Ex-Director, CIFE, Mumbai	Dr. Dilip Kumar	
15	Ex. Director, CIFE Mumbai & Ex. Secretary, DARE, Ex-DG, ICAR	Dr. S. Ayyappan	