



KAMDHENU
UNIVERSITY

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कलरव

Kalarav - KU Tweets...
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Blessings

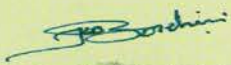


Shri Babubhai Bokhiria

Hon. Minister for Agriculture & Co-Operation, Animal Husbandry, Fisheries & Cow-breeding. Govt. of Gujarat.

I AM very glad and surprised to note that Kamdhenu University is publishing its first news letter. It is a welcome step, reflecting the brisk pace of events in KU. I am sure under the stewardship of Prof. M. C. Varshneya, KU climbs every step with great precision, foresight and pragmatism. This will give a fillip to education in Veterinary Science and Animal Husbandry, Dairy and Fisheries Faculties, which will go a long way in uplifting agrarian economy and lay the foundation for "Second White Revolution". I am sure, KU will write a new chapter in the animal husbandry, health and milk production of Gujarat.

With Best Wishes,


(Babubhai Bokhiria)

Kalarav Team

Dr. D. B. Patil, Editor
Dr. M. N. Brahmbhatt
Dr. P. H. Vataliya
Dr. V. M. Ramani
Sri. V. P. Macwan

A word from Vice Chancellor



Prof M C Varshneya Wishes Warm Greetings for a Happy, Prosperous & Vibrant 2015

KU takes wings

One pleasant morning, I was asked to assume the charge of Vice Chancellor at Kamdhenu University (KU), Gandhinagar. It was a home coming for me to Gujarat after an earlier stint as first Vice Chancellor of AAU, Anand for six years. After joining KU on August, 19, 2014 I realized the gravity of arduous job entrusted to me and new heights to be scaled. There were series of positive vibes, note worthy being Hon. Chief Minister Smt. Anandiben Patel's warmth, affectionate handling and guidance; and Hon. Agriculture Minister Shri. Babubhai Bokhiria's clarity of vision and whole hearted support. This has infused a new vigour in me.

Thus, KU has acquired wings and is exploring new horizons. KU newsletter **Kalarav** i.e. the music of chirping birds is before you to keep abreast the developments. A series of events unfolded culminating in Logo, getting deputed and outsourced staff, office premises in Karmayogi Bhavan, Gandhinagar, process of acquiring land at Bhamsara, formation of Board of Management, Academic Council, a unique Planning Board and finally the adorable event of first convocation on 24th January, 2015.

Here, the untiring efforts of Dr. B.J.Parmar, Dy. Registrar, KU, in keeping KU alive in its cusp and my new team in making it bubbling with enthusiasm is appreciated.

A gigantic task waits ahead, amidst a sane dictum in Aitereya Brahmana. It is said...

चरैवेति चरैवेति

Keep on moving, Keep on seeking the truth.

VISION AND MISSION OF UNIVERSITY

The Kamdhenu University came into existence by the Kamdhenu University Act, 2009 with effect from July 7, 2009. We are engaged in education, research and development leading to advancement of learning in the fields of Veterinary Science and Animal Husbandry, Dairy, Fisheries and Allied sciences in the state of Gujarat.

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

Logo



Our logo covers Water, Earth and Sky, all the three element described as Panchmaha bhuta depicted by symbols of a fish, cow and bird. The milk can denotes Dairy and mechanization of

entire animal sector. The open book at the bottom emanates knowledge. The blue-cross symbolizes Veterinary profession, while K and U - represents Kamdhenu University. 'K' as an arrow is pointing to our goals and test tube as 'U' indicates scientific research. Two majestic Asiatic Lions-the pride of Gujarat, signifies courage.

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 their owners.

Motto

“સર્વભૂતહિતે રતાઃ” : means striving for welfare of all living beings. The KU is working for welfare of all living beings through its multi-faceted academic, research and extension education programmes with focus on animals, milk and fisheries to uplift the standards of life of farmers and people at large.

અમારું ગીત

હો સર્વભૂતહિતે રતાઃ, જીવસૃષ્ટિ સકલ સમાહિતા,	
હો કામધેનુ હી કલ્પદ્રુમ, કલ્યાણ શ્રેય સમર્પિતા.	॥૧॥
સબ ગાય કે ગોપાલ હો, પશુપતિ નહીં પશુવાલ હો,	
પાલન સંવર્ધન હો પ્રેમસે, વૃદ્ધિ બલ આરોગ્યતા.	॥૨॥
દહી, દૂધ, મખ્ખન કી નદી, હો વિશ્વમેં અપની સદી,	
કપિલા સમી ગીર ગાય હે, આંચલભરી અપરાજિતા.	॥૩॥
સાગર ભરા ભંડાર હે, જો રાષ્ટ્ર કા આધાર હે,	
મધુઆર, મોતી, મત્સ્ય સબ, સૌભાગ્ય કી હેસંહિતા.	॥૪॥
સબ કર્મ મેંકૌશલ્ય હો, આલસ્ય કા ના શલ્ય હો,	
ના મનોદીર્ઘલ્ય હો, ઔર જ્ઞાન કી હો સુલભતા.	॥૫॥

— ડૉ. બાલકૃષ્ણ જોષી

College of Dairy Science, Amreli welcomes Hon. Vice Chancellor

A function was organised on August 27, 2014 at Amreli to heartily welcome Prof. M. C. Varshneya, the first Vice Chancellor of Kamdhenu University. Former Agriculture Minister Shri Dilipbhai Sanghani graced the occasion. Function started with lighting of lamp and Saraswati Puja. Prof. Varshneya addressed the staff and students. In his speech he briefed about the current scenario of dairying and animal husbandry in India. Further, he motivated the staff and the students for better learning and also to increase the horizons of knowledge for the development of society.



College of Dairy Science, Amreli welcomes Hon. Vice- Chancellor. Former Agriculture Minister Shri. Dilipbhai Sanghani graced the occasion. Dean,



Dairy Faculty Dr. V. M. Ramani hosted. (Above) First visit of Hon Vice Chancellor to Mansinhbhai Institute of Dairy & Food Technology, Mehsana

Historic Meetings



First Board of Management meeting in progress



First Academic Council meeting in progress

Our Vital Steps

K U to start PG programmes from 2015-16

First meeting of Academic Council (AC) was held on January 1, 2015. AC ratified the provisional approvals accorded to affiliated colleges; finalized the academic programmes of Dairy Technology & AH Polytechnics; decided to conduct common examinations in Dairy & Polytechnic colleges; recommended the list of graduates and diploma holders for award of Degree/diploma in First Convocation of KU and Post graduate programmers to be started in 2015-16 and constitution of Planning Board.

The AC decided to start post

graduate programmes from next academic year, under different faculties in the subjects viz., Animal Genetics and Breeding Livestock Production and Management, Veterinary Gynecology, Dairy Microbiology, Dairy Chemistry and Aquaculture will be started

First meeting of Board

First meeting of Board of Management was held on January 2, 2015. The Board approved - the minutes of Academic Council; recommended the list of graduates & diploma holders for award of

Degree/diploma, and the selection list of Veterinary Officers and Assistant Professors for appointment.

Officers and Principals Meet

Two meetings of University Officers, Principals of constituent and affiliated colleges/ polytechnics of KU were held on Dec 6, 2014 and Jan 3, 2015.

The first Planning Board meeting held on 23.01.2015 at Kamayogi Bhavan, Gandhinagar

Academic Corner

KU at present runs following programmes through its constituent and affiliated Institutes.

Under Graduate Programme B. Tech. (dairy Tech.)

Constituent Institution

- College Of Dairy Science, Amreli. (Intake Capacity - 40 Students)

Affiliated Institution

- Mansinhbhai Institute Of Dairy & Food Technology, Mehsana (Intake Capacity - 30 Students)

Diploma In Animal Husbandry

Constituent Institution

- Polytechnic In Animal Husbandry Himmatnagar, Dist: Sabarkantha (Intake Capacity - 30 Students)

Affiliated Institutions

- Shreeji Polytechnic In Animal Husbandry, Himmatnagar Dist: Sabarkantha
- Polytechnic In Animal Husbandry, Khadasali Dist: Amreli

College of Dairy Science, Amreli



Mansinhbhai Institute of Dairy & Food Technology
Dudhsagar Dairy Campus, Mehsana.

KU constitutes Planning Board

Kamdhenu University issued a notification constituting the Planning Board (PB) of the University. The PB has nine *ex-Officio* members and five nominated members of international repute. PB recommends the Board of Management on all matters related to the development and planning of University and foster national and international collaborations.

Nominated Members

Dr. Nagendra P Shah worked at Victoria University, Melbourne, Australia for 22 years at various capacities including Full Professor. He is currently a Professor of Food Science and Dairy Technology and Discipline Leader at the University of Hong Kong. He has received several prestigious international awards including 1999 American Dairy Science Association Foundation Scholar, 2003 Marschall Rhodia International Dairy Science, 2008 Dairy Industry Association of Australia Loftus Hill, 2009 California Dairy Research Foundation William Haines International Dairy Science, 2011 Australian Institute of Food Science and Technology Keith Farrer of merit and 2004 AIFST fellow, 2013 ADSA Distinguished Service, and 2014 ADSA fellow. He has published 229 research papers, 27 book chapters, and 205 conference abstracts. Additionally, he has edited two books on Dairy Products and Quality Control, and Probiotic and Prebiotic.



Dr. Motilal Madan, Chairman, Livestock group of the Haryana Farmers Commission, is internationally recognized Reproductive Biotechnologist of the country with outstanding academics. He has attained highest professional standing as Vice Chancellor of two Universities (Mathura, UP and Akola, MS), Deputy Director

General, ICAR; FAO/UNDP consultant; Jt. Director, NDRI; Chairman, Animal Biotechnology Taskforce of GOI; Chairman/Member of several National evaluation and policy planning committees. Dr Madan pioneered environmental physiology, embryo transfer technology, *in-vitro* fertilisation and embryo cloning technologies and has been honored with Doctor of Sciences (DSc.) by Universities in India and is only Indian Vet conferred with Honorary DSc in America. He is a Fellow of prestigious Academies with 473 research publications. Dr. Madan is recipient of many prestigious awards.

Dr. Dilip Kumar Chief Technical Adviser of FAO-NAPA in Myanmar and Ex-Director/Vice-Chancellor of Central Institute of Fisheries Education (ICAR) possesses a highly illustrious career. Dr. Kumar worked as Senior Technical Advisor, Chief Technical Advisor and Team Leader, and played pivotal role in fisheries and aquaculture development in several South Asian (SAARC), South East Asian and East African countries.



He was awarded FAO Fellowship for an advanced training in Fish Cell Culture and Virology at the University of Zagreb, Croatia. He was the first to initiate fish cell culture in India. His notable contributions include the development of the silver carp tumor Cell line, development of integrated fish farming systems and low cost aquaculture technology. Dr. Kumar has been bestowed with several Honours and Awards which include the prestigious Edward Souma Award of FAO, Zoological Survey of India Gold Medal, Prof. E.P. Odum Gold Medal, Sir Dorabjee Tata Gold Medal, Indian Society of Environmental Education and Research Gold Medal, and Dewang Mehta Business Excellence award for his contribution in higher education. Dr. Kumar has large number of scientific contributions consisting of research papers in highly acknowledged national and international journals.



Pratap Bhosale has developed a method of Basic Linear unbiased Prediction in sire selection for profitability. Manager - Goetz Dairy Kansas, USA and Kibbutz Ha Magen, Israel. Worked on creation of reference population for genomic testing; worked with Holstein USA and Holstein Canada to get registration for overseas exported animals and embryos. Founder of Provet Genetics India, Ltd., for betterment of Indian crossbreeds cows. He formed Joint Venture with world's largest AI Cooperative Semex to provide Indian dairy farmers the best possible genetics. Skills- Progeny Testing, Dairy Herd Recording System, Pedigree Record Management, Genomics, Reference Population creation and maintenance; Conservative and innovating underwriting skills for agriculture and rural finance. He is a Post Graduate from Pune University and Mast Intl University of Minnesota, St Paul MN USA. Studied in Rural and Agricultural Development (extension service) and Life Underwriting Council Fellow, Maryland, USA

Dr. Baboo M. Nair, Alumni of Dairy Science College, Anand, presently working as Professor Emeritus Dept. of Applied Nutrition & Food Chemistry, Centre for Chemistry and Chemical Engineering, Lund University, Sweden. A Doctorate (Tekn Dr) in Applied Nutrition, Lund University, Sweden, Bachelor of Medicine, (Med. Kand.) Faculty of Medicine, University of Lund, Advanced Course in Dairy Science, Alnarp, Sweden. He was awarded Gold medal for meritorious service from Lund University and fellowship from Sweden-Japan foundation. He developed post graduate courses in Food Science and Bio-technology and is scientific advisor to Lund university. He is chairman of South Asian Network for research on fermented foods and developed collaborative research programmes for technical University of Moldavia.



Research Corner

KU Bags New Project from DBT worth Rs. 46.45 lakh

College of Dairy Science, Amreli, under the Principle Investigator Dr. V. M. Ramani has been sanctioned one new project on "Development of Nano-tag and Thread based micro fluidic system biosensor for detection of Aflatoxin M1 in milk", funded by Dept of Biotechnology, Ministry of Science and Technology, Government of India, New Delhi.

Two on going projects viz., (i) "Development of Probiotics fortified Soy food for Health and Nutritional benefits of Elderly population", funded by Dept of Science and Technology, Ministry of Science and Technology, Government of India, New Delhi and, (ii) Bio-Conjugation of Iron oxide/Gold Nanoparticles for the detection of Aflatoxin M1 in Milk", funded by Gujarat State Biotechnology Mission, Dept of Science and Technology, Government of Gujarat, Gandhinagar are making impressive progress.

Budding Diploma Students of Himmatnagar in Action

Polytechnic at Himmatnagar has adequate facilities for Teaching and Practicals. Students are also exposed to clinical camps for first hand exposure.



Practical Laboratory at Polytechnic, Himmatnagar



Clinical Camp at Himmatnagar

Placements

Cent percent Placement for B.Tech (DT) grads

KU B Tech Grad Gets 6 Lacs Package

All the thirty two students of College of Dairy Science, Amerli, after graduation secured placement in co-operative dairies. The maximum package offered was 6.0 lakhs. Three students were admitted for M Tech (Karnal and Bengaluru).

At Polytechnic in Animal Husbandry, Himmatnagar campus interviews were held by SAG, Bidaj and Flourish PureFoods Pvt Ltd., Ahmedabad for recruitment of Diploma holders on Dec 6, 2014

Crowning moment of Polytechnic Himmatnagar

Six students of the Polytechnic, KU, Himmatnagar were selected in GPSC exam for recruitment of Livestock Inspectors in Govt of Gujarat.

KU to hold First Convocation

The first Convocation of the University will be organized on January 24, 2015. It will be presided over by Hon Governorshri of Gujarat O.P. Kohli and Smt. Anandiben Patel, Hon Chief Minister of Gujarat will deliver the convocation address as Chief Guest. Hon. Minister of Agriculture Shri Babubhai Bokhiria will be the Guest of Honour. In all 57 candidates will be awarded degree/diplomas.

Following three students will receive the Gold Medals in this Convocation.

Medallist of the Faculty of Dairy Science

The Vice Chancellor's Gold Medal will be awarded to Shri Daya J. Manguda, a student of College of Dairy Science, Amreli for being adjudged the best student of the Faculty of Dairy Science at the end of Eighth semester of B.Tech(Dairy Technology) degree examination held in year 2013-14.

Late Shri Jivanlal G. Parmar Gold Plated Silver Medal will be awarded to Miss Vidhi Arvindkumar Bhagat, a student of College of Dairy Science, Amreli for securing highest O.G.P.A. of 8.78/ 10.00 (First Class with Distinction) at the end of Eighth semester of B.Tech (Dairy Technology) degree examination held in the year 2013-14.

Medallist of the Faculty of Veterinary Science and Animal Husbandry

The Vice Chancellor's Gold Medal will be awarded to Shri Yash Mukundbhai Chauhan, a student of Diploma in Veterinary Science and Animal Husbandry of Polytechnic in Animal Husbandry, Himmatnagar for securing highest O.G.P.A of 8.89/10.00 in the final examination held in the year 2013-14.

Student Corner

International Day Against Drug Abuse Celebrated



College of Dairy Science, Amreli along with Prohibition and Excise Dept., Gujarat, celebrated International Day against drug abuse and illicit trafficking on 26th June, 2014. During this, events like Essay writing, Mono acting, Elocution Competition were organised and awarded prizes.

Swachchhata Abhiyan Celebrated



Students of Polytechnic, Himmatnagar taking oath for Swachchhata Abhiyan

A cleanliness drive throughout the campus was undertaken in support of the call given by Hon. Prime Minister Shri. Narendra Modi to the nation.

Talent Spectrum

To realize the all-round development of student, curricula is amalgamated with co-curricular activities at College of Dairy Science, Amreli.



Freshers Welcome



Dance



Drama



Garba



Sports



Mountaineering



Painting



Tree Plantation

KU participates in Vibrant Gujarat Summit 2015

KU participated in Vibrant Gujarat Summit 2015 organised by the Government of Gujarat between Jan 7-13, 2015 at Gandhinagar. A pavilion on the theme of Education was center of attraction for the students where KU had a stall in which activities of University were depicted.



KU stall at Vibrant Gujarat Summit

Vice Chancellor's activity

VC highlights impact of feeding animals with GM crops

Hon.Vice Chancellor Prof. M.C. Varshneya visited College of Dairy Science, Amreli; Polytechnic at Himmatnagar; MIDFT Mehsana; Sandipani Ashram Gaushala of Sri Rameshbhai Ojha , Porbandar and Madhav Goshala, Okha.

He attended ICAR-NAVS Expert Consultation meet along with Dean, Veterinary Faculty, Dr. P. H. Vataliya on "Strategies for Enhancing Milk Productivity of Indigenous Cattle on Oct 20, 2014 at NASC Complex, New Delhi.

He was Guest of Honour at 31st Veterinary Pathology Congress-2014, held at Veterinary College, AAU, Anand from Nov 13-15, 2014.

Also Guest of Honour at a one-day seminar on "Camel Welfare and Productivity Enhancement Through Health Management" on Dec 30, 2014 at Veterinary College, AAU, Anand

Invited as Chief Guest at XI Alumni Convention of SMC College of Dairy Science, AAU, Anand on Jan 9, 2015, he delivered impressive and thought provoking address.

Hon.Vice Chancellor participated in the meet on Genetically Modified (GM) crops at Rambhau Mhalgi Prabodhini, Thane, Maharashtra on Jan 10, 2015. He highlighted about feeding of animals with GM Crops since 1996 and its effect on livestock along with the need of long term safety studies from environment point of view and also the impact of GM animals on human health.

He attended 10th Annual Convocation of NAU, Navsari on Jan 15, 2015 and at JAU, Junagadh on Jan 20, 2015

Faculties activity

Dr. D B Patil, Director of Research and Dean PGS has attended one day seminar on "Camel Welfare and Productivity Enhancement Through Health Management" on Dec 30, 2014 and also state level seminar cum alumni meet on "Canine health and disease management" on 31st Dec, 2014 at Veterinary College, AAU, Anand.

Dr. M. N. Brahmbhatt, Director of Extension Education played a key role in organizing Pashupalan shibir at Bhamsara on Jan 19, 2015. He was instrumental in erection of KU stall at Vibrant Gujarat Summit 2015.

Dr. P.H. Vataliya, Dean, Faculty of Veterinary Science and Animal Husbandry participated in the fifth Dean's committee Meeting on "Higher Agricultural Education in India" at Madras Veterinary College, TANUVAS, Chennai, during Dec 8-9, 2014. The fifth Dean's committee is formed to recommend improvement in Under and Post Graduates Agricultural Education in the country. He also attended 31st Veterinary Pathology Congress-2014, held at Veterinary College, AAU, Anand from Nov 13-15, 2014

Dr. V. M. Ramani, Dean, Faculty of Dairy Science attended "National Seminar on Functional Dairy Foods" on Oct 11, 2014 jointly organized by National Academy of Dairy Science and SMC College of Dairy Science, AAU, Anand, and also participated in "A twin Workshop on effective grant writing, securing and exploring IP rights in Bioscience Sector." on Aug 7-8, 2014 organized by Biotech Industry Research Assistance Council and Gujarat State Biotechnology Mission.

Ankit Deep of College of Dairy Science, Amreli participated in the summer school on "Engineering interventions in processing and value addition of milk and milk products" during Sep 3-23, 2014 organized at National Dairy Research Institute, and was selected as one of the **outstanding participant** as recognized by the course director of the summer school.

Govani Radhika of College of Dairy Science, Amreli participated in the summer school on "Agri-Business and Marketing: Opportunities and Challenges" during Sep 1-21, 2014 organized at Agri business management institute, JAU, Junagadh.

Glittering awards to MIDFT Faculty

Mansinhbhai Institute of Dairy & Food Technology, Mehsana has many feathers in its research cap. Following are a few notable achievements.

Mr. Aswin Warriar bagged "Best oral paper" award during 21-day Summer School on "Engineering Interventions in Processing and Value Addition of Milk and Milk Products" from Sep 3-23, 2014 at NDRI, Karnal, and was also awarded "Best Oral Paper Award" (First) during 9th National Convention of Indian Dairy Engineers Association and National Seminar on Engineering Interventions on Global Competitiveness of Indian Dairy Industry at NDRI, Karnal.

Mrs Akriti Sharma is bestowed with "Best Oral Paper" and "Best Poster" Awards during 'National Conference on Environmental Pollution – Challenges and Remedies' organized by Marudhar Engineering College, Bikaner, and in 'International Conference on Innovations in Food Processing, Value Chain Management and Food Safety' organized by MOFPI and NIFTEM, Sonapat, respectively.

Our Flag



Pashu Palan Shibir at Bhamsara on Jan 19, 2015

P R Patel, Executive Director, MIDFT attended Fifth Dean's Committee meeting of all the Deans of Dairy technology Colleges, along with Dr. D. A. Shukla, Associate Professor, convened on Dec 6, 2014 at NDRI, Karnal to finalize the recommendations received from Deans.

Dr. D. A. Shukla, Associate Professor, participated in the review workshop of NAIP Project on e-course (DT) at NDRI, Karnal on Jan 08, 2014 and also in Faculty Development Programme organized by NAARM, Hyderabad on E-learning during Oct 8-17, 2014.

Dr. Falguni Patra, participated in National Training Programme (Centre of Advanced Faculty Training) on Advances in Technology, Quality and Safety of Functional Dairy Foods (July 8-28, 2014) at NDRI, Karnal.

Dr. Ami Patel, presented paper on 'Characterization of potential probiotic lactic acid bacteria and quantification of their exopolysaccharides' at National seminar on Innovations in Dairy Industry at SMC college of Dairy Science, AAU, Anand, Gujarat in March 2013.

Dr. Deepak Mudgil, participated in ICAR National training on Extraction and Analysis of Nutraceuticals from Fruits, Vegetables and non-Food Crops held at IARI, New Delhi between Nov 22-24, 2012

Recruitments

KU added three Assistants Professors and three Veterinary Officers to its family .

Our Team

- Dr. D. B. Patil, Director of Research & Dean PG studies.
- Dr. M. N. Brahmbhatt, Director of Extension Education
- Dr. P. H. Vataliya, Dean Veterinary and Animal Husbandry Faculty
- Dr. V. M. Ramani, Dean Dairy Faculty
- Shri N.G. Akolkar, Dean Fisheries Faculty
- Shri V. P. Macwan, OSD (I/c Registrar)
- Dr. B.J. Parmar, Dy. Registrar
- Shri K. S. Prabhakaran. PS to Vice Chancellor
- Shri S P Chaya, PRO
- Shri Hiral Bhatt. Accounts Officer
- Other staff members-Vipul Vaghela, Jagdish Mahera, Bhargav Trivedi, Samir Vyas, Vidhi Pambhar, Heena Patel, Bela Vyas assist KU in marching ahead.



First Staff meeting of KU.

Publisher

Dr. M. N. Brahmbhatt, Director of Extension Education
on behalf of Kamdhenu University,
Karmayogi Bhavan, Block - 1, Wing B-1, 4th Floor, Sector 10-A, Gandhinagar 382010.