



Vanbandhu College of Veterinary Science and Animal Husbandry

Introduction

The College of Veterinary Science & Animal Husbandry was established on 1st July, 2008 with the funding from the Chief Ministers' Ten Point Programme (Vanbandhu Kalyan Yojana), Government of Gujarat under the flagship of Navsari Agricultural University by Late Vice-Chancellor Dr. R.P.S. Ahlawat. The college was renamed as Vanbandhu college of Veterinary Science and Animal Husbandry in year 2010-11 as the funding is from Vanbandhu Kalyan Yojna. Veterinary College in the South Gujarat region caters the necessity of livestock farmers / owners and pet owners especially of tribal region of South Gujarat.

UG degree program was started in the year, 2008 and course curriculum recommended by Veterinary council of India (1993) was implemented. Post graduate degree program, M.V.Sc. in the subject Veterinary Pathology (2008), Veterinary Surgery, Veterinary Gynecology and Obstetrics (2009), Veterinary Microbiology, Veterinary Extension, Animal Nutrition, Livestock Production and Management and Veterinary Public Health (2010) were started. Moreover, Ph.D. degree program in Veterinary Pathology (2009) and Veterinary Gynecology and Obstetrics, Animal Genetics and Breeding and Livestock Production and Management (2010) were started in the college.

Infrastructural developments like construction of boys' hostel with capacity to accommodate 162 boys (2008), well planned college building to accommodate 14 departments and TVCC building to accommodate 4 clinical departments (2009) were initiated.

Objectives

The principal mandate of the institute is to impart Veterinary and Animal Husbandry education at

under-graduate, postgraduate and doctorate levels.

To carryout research in Veterinary and Animal Sciences as per location specific needs to evolve relevant package of practices.

Effectively Collaborate in the transfer of technology applicable to animal health / production practices and recommendations suitable to the tribal belt of South Gujarat.

To educate students of tribal area in the field of Veterinary Science so as to improve their family livelihood.

Goals of the College

To impart best of the knowledge to the students

To carry out applied as well as basic research

To transfer the technology / latest research with respect to veterinary and animal husbandry practices to grass root level

To become one of the best veterinary college of India

To adapt Vansada Taluka of Navsari District and double the income within 5 years

Education

The college offers following degree programme:

Undergraduate degree Programme: B.V.Sc. & A.H. Five year degree program (as per VCI regulations)

Post Graduate Programme: M.V.Sc.(2 years degree program) in 12 subjects and Ph.D. (3 years degree program) in 9 subjects as per VCI syllabus

Students enrolled during the year 2010-11

Sr. No	Degree Program	No. of students admitted		Total
		Males	Females	
1.	B.V.Sc.& A.H.	37	05	42
2.	M.V.Sc.	16	-	16
3.	Ph.D.	5	1	06
			Total	64



Departments

The college is having in all 18 departments as per requirements of VCI 2008, additionally, it also has department of Animal Biotechnology as mentioned below.

Details of department of college

Basic Subjects

1. Vet. Anatomy & Histology
2. Vet. Physiology & Biochemistry
3. Vet. Animal Hus. Extension

Clinical Subjects

1. Vet. Surgery & Radiology
2. Vet. Gynecology & Obstetrics
3. Vet. Medicine
4. College Clinics - TVCC

Para clinical Subjects

1. Vet. Microbiology
2. Vet. Parasitology
3. Vet. Pathology
4. Vet. Public Health
5. Vet. Pharmacology & Toxicology

Production Subjects

1. Livestock Production and Management
2. Animal Nutrition
3. Animal Genetics & Breeding
4. Livestock Product Technology
5. Instructional Livestock Farm Complex (ILFC)

Additional Department

- Animal Biotechnology

Post graduate degree programme

S.N.	Department	M.V.Sc.	Ph.D.
1.	Vet. Physio. & Biochemistry	Yes	Yes
2.	Vet. Animal Husbandry Extension	Yes	-
3.	Vet. Microbiology	Yes	Yes
4.	Vet. Parasitology	Yes	-
5.	Vet. Pathology	Yes	Yes
6.	Vet. Public Health	Yes	Yes
7.	Vet. Pharmaco. & Toxicology	Yes	Yes
8.	Vet. Surgery & Radiology	Yes	Yes
9.	Vet. Gynecology & Obstetrics	Yes	Yes
10.	Livestock Prod.& Management	Yes	Yes
11.	Animal Nutrition	Yes	-
12.	Animal Genetics & Breeding	Yes	Yes

Faculty Strength

This is the 3rd phase of faculty strengthening and all following staff has been approved by Government of Gujarat.

Sr. No.	Department	Professor	Associate Professor	Assistant Professor
1.	Vet. Anatomy & Histology	-	-	2
2.	Vet. Physiology & Biochemistry	-	-	3
3.	Vet. Animal Husbandry Extension	-	-	1
4.	Vet. Microbiology	-	1	2
5.	Vet. Parasitology	-	-	2
6.	Vet. Pathology	1	-	2
7.	Vet. Public Health	1	-	-
8.	Vet. Pharmacology & Toxicology	-	-	2
9.	Vet. Surgery & Radiology	-	1	3
10.	Vet. Gynecology & Obstetrics	-	-	3 (one working as T.O. to V.C.)
11.	Livestock Production & Management	1	-	3



12.	Animal Nutrition	-	-	3
13.	Animal Genetics & Breeding	1	-	2
14.	Livestock Product Technology	-	-	1
15.	Vet. Medicine	-	-	3 (one working as T.O. to V.C.)
16.	College Clinics - TVCC	-	-	-
17.	Instructional Livestock Farm Complex (ILFC)	1	-	-
18.	Animal Biotechnology	-	-	-
Total		6	2	32

Infrastructural Development



The construction of the college building as well as Boys' Hostel was started in year 2008. The college is in ready shape for use except some electrification work is in progress. Boys' hostel has been built up with 54 rooms to accommodate about

162 boys, a reading room, a TV room with Dish TV facility, internet connectivity with wi-fi, self run mess facility, a play ground etc. The hostel was inaugurated by Shri Mangubhai Patel Hon. Minister, Tribble, Forest and Environment) on 24th Dec., 2010. The hostel has been appropriately named as Eklavya Boys' Hostel.

Construction of Teaching Veterinary Clinical Complex (TVCC) was started on 1st October, 2009 for imparting practical knowledge of clinical activities to UG and PG students, to provide biological samples for diagnosis and research to pre- and para-clinical departments and to provide clinical services to sick animals of surrounding area.

All departments of college are having infrastructural and laboratory facilities as per the requirement of VCI. Moreover, laboratories are well equipped with respective instruments. The list of some of the instruments/ equipments is as follows-

List of instruments :

1.	HPLC	16.	Phase contrast microscope
2.	Gel documentation	17.	Micro pulsar Electroporater
3.	Thermal cyler	18.	Gel Doc XR
4.	Endoscopy	19.	Dry block heater
5.	Ultrasonography – 2 unit	20.	Refrigerated centrifuge
6.	Laparoscope	21.	Dartgun
7.	Theloresectoscope	22.	Cryostat
8.	X- ray machine	23.	Trinocular Microscope
9.	ABG analyzer	24.	Physiograph
10.	ECG machine	25.	R.F.Cautery
11.	Biochemical analyzer	26.	Blood Analyzer
12.	Deep freezer (-175 0 C)	27.	Nano drop Millipore water system
13.	Inverted Microscope	28.	ELISA reader
14.	Automatic tissue processor	29.	CO2 incubator
15.	Laminar air flow	30.	DBAA spectrophotometer



Library Facilities

The students and staff are presently using Central Library Facility available with the University.

Resource	No. of Copy
Books	More than 3600
Thesis	02
CD/DVD	05
Journal	No. of Copy
Indian	09
Foreign	10

Research / Extension Projects :

Two RKVY projects and VCERLC

Two extension projects under Rashtriya Krishi Vikas Yojna entitled "Commissioning Satellite Diagnostic, Treatment and Animal Husbandry Extension Services for Economic Upliftment of Livestock Owners for the Tribal District of Dangs" and "Commissioning Diagnostic & Treatment Services To Strengthen Veterinary Polyclinic And Animal Husbandry Extension Services In The Tribal Area Of Navsari District" are going on under the college. For the first project, in all, 47 clinical camps

were organized giving diagnostic and treatment services were given to 3084 animals and provided knowledge benefit on animal husbandry activities to 5565 farmers / animal owners.

For the second project in Navsari district, 33 clinical camps were organized giving diagnostic and treatment services were given to 2525 animals and provided useful information benefit on animal husbandry activities to 5603 farmers / animal owners.

To cater the need of animal owners of Navsari and Dang district, since 31st Jan., 2011, ambulatory clinic has been started covering 56 villages under four talukas. From 31st Jan., 2011 to 31st March, 2011, total 392 numbers of cases were treated out of which, 11 were surgical, 211 were medicinal and 170 were gynecological in nature. Each village is attended every fortnight for treatment of sick animals free of cost.

Veterinary Clinical Research and Experimental Learning Complex has come into existence since 1st Oct. 2009. During year 2010-11, a total of 2568 sick animals were treated at free of cost and 1012 biological samples were examined for confirmation of diseases.

Department of Agricultural Entomology

Year 2010-11	Sugery	Medicine	Gynecology	Total
Clinical Cases	945	1396	227	2568

Details of sample analyzed during 2010-11

Year 2010-11	Fecal	Blood	Urine	Skin Scrapping	Lymph Smears	Total
Laboratory Examination	739	240	03	25	05	1012

Over and above these, the faculties of clinical departments participate in number of Pashu Arogya Mela organized by Dept. of Animal Husbandry, Govt. of Gujarat, Gandhinagar.

Honours and Awards

Following faculties of the college have been honored with various awards during 2010-11

Sr. No.	Name of the Faculty	Name of the Award and Institute	Date	Place
1.	Dr. H.J. Derashri	Best Paper Award - The Indian Soc. for Study of Animal Reproduction	10/11/2010	G.B. Pant University of Agriculture & Technology, Pantnagar



2.	Dr. N.H. Kelawala	Fellow - National Association of Veterinary Sciences (India)	2010-11	NDRI, Kernal
3.	Dr. V. S. Dabas	ABI Hall of Fame - President, American Biographical Institute, 5126 Bur Oak Circle, PO Box 31226, Raleigh, North Carolina 27622, USA.	2010-11	-
4.	Dr. V. S. Dabas	Ambassador of India - World Forum at University of Cambridge, St. John's College, Cambridge, England	2010-11	-
5.	Dr. V. S. Dabas	Leading Scientists of the World – 2011 - Director General, International Biographical Centre, St Thomas' Place, ELY, CB7 4GG, Cambridge, England	2010-11	-

Seminar / Symposia / Trainings organized

The college has organized following Seminars during year 2010 – 11. Along with, fourteen batches of Paravets and five batches of veterinarians (10 in each batch) have been trained under 10 days ASCAD programme by Dept. of Vet.

Surgery and Radiology, Vet. Gynecology and Obstetrics, Vet. Public Health, Livestock Production and Management, Dept. of Vet. Medicine, Dept. of Microbiology, Vet. Parasitology and Vet. Pathology. Details are given below.

Sr. No.	Topic of the seminar / workshop	Jointly organized by	Date	Place	No. of Participants
1.	Mahila Pashupalan Parisamvad as a part of Krishimahotsav	Govt. of Gujarat	17/05/2010	NAU, Navsari	878 (women)
2.	Strategic Control for prevention of Zoonotic diseases	GLDB	20/11/2010	NAU, Navsari	194

Achievements

An All India Inter-University quiz competition was organized under Rise of Modern Indian Science (ROMIS) on Indian Scientists and Indian Scientific Institutes at New Delhi on 21st Nov., 2010. Three under-graduate students of the college participated in the same. The team of two students from Veterinary college were selected amongst first 15 teams and now they will be participating in second round of quiz which will be telecasted on Doordashan National.

NSS / NCC activities

A seven days NSS camp was organized at Paathri village, Ta. Gandevi during 24th Feb., 2011 to 2nd March, 2011. A total of 28 students from the college participated in the cam and provided various veterinary services to the villagers and organized a blood donation camp. The university officers provided information regarding the farmer oriented activities carried out by the university. Dr. I.H. Kalyani acted as NSS coordinator.

1. Blood donation camp
2. Thalesaemia check up camp
3. Animal health check up
4. Detection of subclinical Mastitis



Publications

Research Paper			Popular Article/Books/leaflets	Practical Manual	Total
International	National	Presented			
4	18	29	69	8	128

Practical Manuals

During financial year 2010-11, total 8 practical manuals for different subjects were prepared for teaching under graduate students. Total budget allocated by ICAR was more than Rs.100000., which was spent for the student amenities.

Sr. No.	Name of Department	Title of the manual	Name of authors
1.	Animal Nutrition	Principles of Animal Nutrition and Feed Technology (ANN-111)	Dr. P.K. Malik, Dr. D.D. Garg, Dr. K.B. Kore, Dr. V.R. Patel
2.		Applied Nutrition-I (ANN-121)	
3.		Applied Nutrition-II (ANN-211)	
4.	Animal Genetics and Breeding	Principles of Animal Genetics and Population Genetics (AGB-121)	Dr. V.B. Kharadi, Dr. B.P. Brahmkshtri, Dr. Mamta Janmeda, Dr. Gaurav
5.	Veterinary Pathology	Systemic Veterinary Pathology (VPT-221)	Pandya Dr. G.S. Rao, Dr. Priti Vihol, Dr. B.J. Trangadiya
6.	Veterinary Anatomy	Veterinary Splanchnology and Applied Anatomy (VAN-221)	Dr. R. Menaka, Dr. Shailendra Chaurasia and Dr. N.H. Kelawala
7.		Laboratory Manual of Osteology, Arthrology and Biomechanics (CVAN-111)	
8.	Veterinary Microbiology	General Veterinary Microbiology (VMC- 211)	Dr. K.K. Sharma, Dr. Dharmesh Patel and Dr. I.H. Kalyani



Publications

International :

1. Dabas, V. S. and Chaudhari, C. F. (2011). Management of Mummified Foetus in a Cow. *IJAVMS*, 5 (3): 365.
2. Dabas, V. S.; Chaudhari, C. F.; Chaudhari, N. F. and Parjapati, K. A. (2011). Ovario-hysterectomy of Gravid Uterus in a Non-descript Bitch. *IJAVMS*, 5 (3): 362.
3. Dabas, V. S.; Suthar, D. N.; Chaudhari, C. F.; Modi, L. C. and Vihol, P. D. (2011). Ascites of Splenic Origin in a Mongrel Female Dog - A Case Report. *Veterinary World*, 4 (8), 376.
4. Suthar, D. N.; Sharma, V. K.; Dabas, V. S. and Bhoi, D. B. (2011). Per-vaginal Handling of *Shistosomus Reflexus* as a Cause of Dystocia in a Goat. *Veterinary World*, 4 (7), 330.

National :

1. Chaudhari, C.F.; Suthar, B.N.; Dabas, V.S.; Sharma, V.K.; Vihol, Priti D. and Brahmaxatri, K.G. (2010). Characteristics of induced estrus in Kankrej heifers. *The Indian Cow*. April-June. 14.
2. Chaudhari, N.F.; Chaudhari, C.F.; Dabas, V.S. and Modi, L.C. (2010). Dicephalus monster in a Kankrej cow: A case report. *The Indian Cow*. April-June. 19.
3. Dabas, V. S. (2011). Surgical Management of Lacerated Wounds in a Foal. *Intas Polivet*, 12 (I), 117.
4. Dabas, V. S. and Chaudhari, C. F. (2010). Ectopic Testis and its Surgical Removal in a Pomeranian Puppy. *Intas Polivet*, 11(I), 82-83.
5. Dabas, V. S. and Chaudhari, C. F. (2010). Surgical Excision of Rectal Polyps in a Mongrel Dog. *Intas Polivet*, 11 (II), 350-351.
6. Dabas, V. S. and Chaudhari, C. F. (2011). Clinical management of cystitis in a stallion. *Indian Vet. J.*, 88, 110.
7. Dabas, V. S. and Sharma, V. K. (2011). New Spiral Sutures Technique to Reconstruct Third Degree Perineal Laceration in Mare. *Indian Vet. J.*, 88, 36-37.

8. Dabas, V. S.; H. J. Derashri and J. A. Gohil (2010). Accidental Ingestion of Gold Necklace and its Extraction from a Surti Buffalo. *Intas Polivet*, 11 (II), 196.
9. Dabas, V. S.; Jhala, S. K. and Suthar, D. N. (2011). Management of Intussusception in a Cow. *Intas Polivet*, 12 (I), 44.
10. G P Sabapara, P M Desai, Rana Ranjeet Singh and V B Kharadi. 2010. Breeding and health care management status of dairy animals in the tribal area of South Gujarat. *Indian Journal of Animal Sciences* 80 (11): 1148-1151.
11. G P Sabapara, P M Desai, V B Kharadi, L H Saiyed and Rana Ranjeet Singh. 2010. Housing and feeding management practices of dairy animals in the tribal area of South Gujarat. *Indian Journal of Animal Sciences* 80 (10): 1022-27.
12. G P Sabapara, S B Deshpande, V B Kharadi and P K Malik. 2010. Housing and feeding managemental practices for goat followed in South Gujarat. *Indian Journal of Animal Sciences* 80(4):385-387.
13. G. P. Sabapara and S. B. Deshpande. 2010. Mortality Pattern in Surti Goats under Field Condition. *Veterinary World* 3(4): 165-166.
14. Jhala, S. K.; Dabas, V. S. and Chaudhari, C. F. (2011). Third Eyelid Flap Technique for the Management of Corneal Ulcer in a Calf. *Intas Polivet*, 12 (I), 50.
15. Rana Ranjeet Singh, G.P. Sabapara, P.M. Desai and V.B. Kharadi 2010. Effects of climate change on livestock farming. *Indian Farming* 60 (2): 30-30-32
16. S B Deshpande, G P Sabapara, P K Malik, D K Sadana, P K Singh, Gurmej Singh and B K Joshi. 2010. Morpho-metric Characteristics of Surti Goats and Socio-economic Status of Surti Goat Keepers. *Indian Journal of Animal Sciences* 80(6):575-577.
17. S. B. Deshpande and G. P. Sabapara. 2010. Involvement of Women in Surti Goat Rearing. *Indian Journal of Animal Research* 44(1): 64-66.

18. S. B. Deshpande, G. P. Sabapara and V. B. Kharadi. 2010. Socio-economic Status of Goat Keepers in South Gujarat Region. Indian journal of Small Ruminants 16(1):92-96.

Extension Activities

In the year 2010-11, 106 extension activities like clinical camps, lectures, exhibition, study tour and diagnostic services have been conducted by different departments of this college, which contributed 14990 beneficiaries. A total of 26 faculty members attended and given talk/seminar on various aspect of animal husbandry.

Educational tours / Field Exposure

1. Visit to Private Poultry Farm
2. Visit to Swarnim Gujarat Horse Show at Anand
3. Visit to Poultry Feed factory, Itola (Vadodara)
4. Visit to Govt. Vaccine Institute, Gandhinagar
5. Participation in Birds' Rescue during Makarsankranti



English Coaching (SCOPE)

During the year 2010-11, SRC activity "English Forum" of Vanbandhu Veterinary College provided platform and encouraged undergraduate students for improvement of English skills through Society for Creation of Opportunity through Proficiency in English (SCOPE). The SCOPE is a mission of Gujarat Government working for advancement of capabilities of youth in English. Achiever Foundation, Navsari is a recognized training centre of SCOPE that took care of 55 students who were trained for more than 90 hours and appeared for online examination. The whole activity was coordinated by Dr. C. V. Savalia from the faculty.

Annual Programme Celebration

Annual day was celebrated on 5th and 6th Feb., 2011 by organizing various cultural events



and competition for UG and PG students of the college. The winners of sports and cultural events were awarded with prizes to encourage more participation in extracurricular activities and improve all round personality of growing veterinarians.

Activities of Veterinary College



Reproductive Problems and their control



Mobile Veterinary Clinic



Annual Day Celebration



Expert delivering lecture during Krishimahotsav 2011



Clinical camp at Village



Inside Mobile Veterinary Clinic



Mahila Pashupalan Parisamvad



ASPEE Institute of Agribusiness Management

Introduction

The ASPEE Institute of Agribusiness Management at Navsari Agricultural University is a response to the changing scenario of Indian Agriculture Sector. The Institute framed out an ambitious program to cater the need of the agro - industries. Session 2007-08 added a unique feather in the Navsari Agricultural University cap with launch of M.B.A. in Agribusiness Management. The Institute is well equipped to provide high standard education with well-qualified full time teachers supported by highly sophisticated infrastructure facilities. Institute of Agribusiness Management, NAU launched M.B.A. (Agribusiness) programme to prepare managers, business leaders and entrepreneurs in food and agribusiness sector to respond to the challenges faced by the sector. The M.B.A. (Agribusiness) is a full-time two year programme specially designed to prepare students for careers in management related to agriculture, food, agri-business, rural and allied sectors of the economy. In 2010-11, Institute has started a new post graduate programme M.Sc.(ICT in Agriculture) to cater to the growing needs of ICT professionals in agriculture.

Vision

To achieve core competence and managerial excellence in agriculture, agribusiness and cooperative sector by bringing out professional techno-managers equipped with modern management skills, values, aptitudes and sensitivity for agricultural and rural development.

Objectives

To develop skills of application of modern management tools and techniques as applied to agribusiness sector.

To encourage entrepreneurial spirit in students as well as farmers and managers of cooperative and corporate sectors to make them effective change agents in the Agri-enterprise sector.

To impart education and training to young men and women for taking up the responsibilities for managing any form of organization and other agro based income generating and development activities.

To offer training programmes for business professionals, policy makers and entrepreneurs for improving decision making skills and administrative competence.

To organize seminars/conferences/workshops at the national and international level to further the cause of Agribusiness.

Degree Programs

ASPEE Institute of Agribusiness Management, NAU offers the following two post graduate programmes

M.B.A. (Agribusiness) programme to prepare managers, business leaders and entrepreneurs in food and agribusiness sector to respond to the challenges faced by the sector. The M.B.A. (Agribusiness) is a full-time post graduate two year programme specially designed to prepare students for careers in management related to agriculture, food, agri-business, rural and allied sectors of the economy.

M.Sc. (Information and Communication Technology in Agriculture) is a full-time two year post graduate programme specially designed to prepare students for careers in Information and communication technology in agriculture, rural and allied sectors of the economy.

Student enrolled :

MBA(ABM)	
Admitted	Pass Out
30	21



Departments

Institute of Agribusiness Management has four separate departments of Agribusiness Marketing Management, Agribusiness Economics and Financial Management, Agribusiness Operations and IT and Human resource Management.

Faculty Strength

Besides 6 (1 Associate professor and 5 Assistant professor) experienced and qualified core faculty for various subjects, lot of emphasis is given also on arranging guest and special lectures from industry professionals and other premium institutes in order to provide students greater and varied exposure .

Core Faculty Position

Sr. No.	Designation	Strength
1.	Professor	-
2.	Associate Professor	01
3.	Assistant Professor	05

Infrastructural Development

The college is presently operating in the central library building. College has adequate infrastructure with class rooms and conference hall well equipped with LCD, Interactive board, Overhead-projector, computer and Plasma TV. Keeping in view the need for orienting the executives-of-tomorrow towards the rapidly changing technological environment, the system of teaching-learning is backed by audio-visual teaching aids designed specially to cater to the specific needs of the MBA students. The construction of new college building is almost over which is ultra modern and has state of the art design and infrastructure facilities. The Institute has its own reading room facility and regularly subscribes various magazines, journals and

business news papers. The Information Technology Centre has been designed to provide state of the art facilities with regard to library access and a sizeable collection of diverse learning resources including: Books; Journals & Magazines; Case Study books; CDs & Online learning resources; Software's and informational Databases The well furnished hostel is available for students with internet facilities.

Research Achievements

The **Centre for Research in Agricultural Marketing** is jointly established by IABM, NAU, Navsari and Government of Gujarat assessing the commercial importance of agriculture in South Gujarat and the significance of marketing intelligence for empowering farmers. Centre for Research in Agriculture Marketing has been established in the Institute of Agribusiness Management, NAU in 2009-10. The centre is working towards developing a decision support system for the farmers and dissemination of the important market information, and aiding in planning and policy making.

A programme of research has been undertaken titled **"Market intelligence for Important Crops in South Gujarat"** in which information on daily, weekly, monthly prices and arrivals of selected agro commodities is collected from major APMC and Co-operative Societies of South Gujarat. Survey is carried out to collect qualitative information on source and destination of the agricultural commodities. Regular feeding of data through Visual Basic in MS Access database is done which can be further used for analysis and generation of reports.

Honors & Awards

Dr. Ruchira Shukla was elected as member on the Executive Committee of Indian Society of Agricultural Marketing ,Nagpur for year 2010-11 in the 24th General Body Meeting of Indian Society of



Agricultural Marketing held at Institute of Agribusiness, Navsari Agricultural University, Navsari on 22nd November 2010.

Student's awards and recognitions

Gautam Jha and Pankaj Soni Students of MBA(ABM) stood First in the Poster competition organized during 24th National Conference on Agricultural Marketing organized at NAU, Navsari during 23-25th November,2010.

Seminar/Symposia/ trainings organized

Seminar on Bioinformatics and Data mining

GSBTM sponsored two days Seminar on "Bioinformatics and Data Mining" was organised from 8th to 9th March 2010 at IABM. This programme aimed at providing information to the college / university/ institute researchers, subject matter specialists and students in Bioinformatics and Data Mining with a view to update them in their field of specialization. Inaugural function of the seminar was presided over by the Hon. Vice-Chancellor of the Navsari Agricultural University Dr. A. R. Pathak. Dr. R. R. Shah, Dean, IABM was the Director of the programme.



Training programme on Commodity Futures Market for Agricultural Universities

A Two day Training programme

"Commodity Futures market for Agricultural Universities" was organised at IABM for PG students of Agribusiness Management, Agricultural Economics and Extension. This Training programme was sponsored by Forward Market Commission and delivered by the faculty members from National Multi Commodity Exchange, Ahmedabad. Mr.Vishal Jaisawal (Vice President, Business development) and Rohan Shah from NMCE, Ahmedabad were the key resource persons. About 70 students participated in this programme.



24th National Conference on Agricultural Marketing at NAU, Navsari

24th National Conference on Agricultural Marketing was organised by Institute of Agribusiness Management, Navsari Agricultural University, Navsari in collaboration with Indian Society of Agricultural Marketing, Nagpur. from 23rd to 25th November, 2010. Around 200 delegates from all over the country participated in the conference. During conference following three themes were discussed-

Theme I: Interlocking of Rural Markets and Credit Flow

Theme II: Redefining the role of Government in the context of improving agri-marketing efficiency

Theme III: Value Chain approaches in Agribusiness and Agricultural products

Conference was inaugurated by Honourable Minister of State, Agriculture and Water Resources, Gujarat State, Shri Kanubhai



Bhalala, Honourable Vice-Chancellor of Kumaon University, Dr. V.P.S. Arora delivered Key note address on this occasion. Parthasarthy memorial lecture on "Agriculture in Rural Urban Continuum" was delivered by Shri Y.K. Alagh, Chancellor Nagaland University and former Minister of Power, Planning, Science and Technology, Government of India.

A total of 62 papers were submitted and 40 papers were presented in the Conference. In the plenary session on 25th November, 2010 major recommendations were presented by the chairman's of the technical sessions. Poster competition for students was also organized on this occasion for PG students on the themes of the conference.

Institute. The eminent experts from different areas were invited on this interactive forum to share their views, experiences, and enlighten the knowledge of MBA (ABM) students particularly focusing on the issues related to major agro based industries including agri-inputs, agri-outputs, forward and backward linkages and agro processing etc. essential for the agricultural growth and development in the country.

There were total 15 lectures on various agrobased Industries. Besides it, various eminent scientists and academicians threw light on the problems and prospects in agricultural industries such as fruit and vegetable processing, sugar industry, farm implements, seed Industry, cereal processing, fishery industry, forest based products, cotton, floriculture, pesticide industry, ICT and agricultural retail industry. The attempt was made to help students explore the new opportunities in agribusiness that shall play a vital role in revolutionizing the country's economy.



Special Lecture Series

The Special Lecture Series on "Problems and Prospects of Agro based industries in India" was organized from 23-25 May, 2011 at the



Signing of MOU between ASPEE Foundation and NAU

The signing ceremony of Memorandum of Understanding between the ASPEE Agricultural Research & Development Foundation and Institute of Agribusiness Management, Navsari Agricultural University was organized on July 28, 2011. Honourable Vice Chancellor, NAU, Dr. A.R Pathak and Shri Sharad bhai Patel M.D. ASPEE Group of Companies signed the MoU in order to co-operate and collaborate in the field of Agribusiness Education. Shri Sharad bhai Patel M.D. ASPEE Group of Companies in his address focused on developing well equipped learning environment. The Honourable Vice Chancellor, NAU, Dr. A.R Pathak in his presidential address stated that NAU is proud to partner with the ASPEE Agricultural Research & Development Foundation in the drive to achieve excellence in Agribusiness Education.



Manual Developed

A Souvenir on Agricultural marketing was released on the occasion of 24th National Conference of Agricultural Marketing covering the various themes of the conference. The souvenir was compiled and edited by Dr. B.K. Dhaduk, Dr. R. K. Parikh, Dr. R.A. Shukla, Dr. A.K. Leua, Prof. R.G. Thakkar. The souvenir consists contributed articles by renowned and eminent academicians and economists from different parts of the country.

Revised Curriculum

The new syllabus recommended by ICAR for MBA (ABM) has been implemented in the college since the first batch of 2010-2011.

Research Projects

Centre for Research in Agriculture Marketing has been established at Institute of Agribusiness Management, NAU to cater to the market information needs of farmers, traders and exporters of this area and will have positive impact upon improving market knowledge of farmers and carry out market research for better price realization, reducing inefficiencies in supply chain and provide guidance for crop planning, variety selection and market selection. Following is the list of ongoing projects and research programmes by different faculty members of the Institute.

Ongoing research programmes

S.N.	Research Programme
1.	Market Intelligence for Important Crops in South Gujarat.
2.	Market Assessment for Mango pulp in South Gujarat
3.	Present status, prospects and problems of small and medium Enterprises in Agricultural Biotechnology of Gujarat state
4.	Role of Infrastructure on Agricultural Growth in Gujarat



Reaching Farmers

Gautam Parmar and Bhavesh Chaudhari ,Assistant professor participated in the Krushi Mahotsav and delivered lectures to farmers on various aspects of Agricultural marketing and information use in agriculture.

Rahul Thakkar and Alpesh Leua delivered a talk on "Commodity and Futures market" for farmers, bankers and Agriculture officers at Navsrai and Surat in a programme organised by NABARD.

Ruchira Shukla delivered talk on "Export Marketing of Agriculture and Food Products" at RAWE orientation programme (2010-11) at NAU.

Bhavesh Chaudhari delivered lecture on

1. "Agriculture Marketing" at village Bartad, taluka- Vanshda Dist- Navsari in the Programme " Awareness programme for Agriculture Development" (Dated on 16/12/2010).
2. " Effective Okra Export to International markets" in the programme on " Export oriented Okra Conference" organized by KVK Vyara at Gadat, Dist-Tapi on 04/12/2011.
3. "Mango marketing" at Sardar Smruti Kendra, NAU , Navsari for ATMA sponsored farmer's training programme at Navsari on 21/12/2010.
4. "Fruits and Vegetable marketing" at the farmers training programme organized by ATMA Valsad dated on "25/01/2011.



Graded okra is ready to export

Students activities

Orientation Programme for 2010-12 Batch of MBA (ABM)

Orientation Programme was organised for the 4th incoming batch of MBA (ABM) students at Institute of Agribusiness Management, Navsari Agricultural University. Dr.R.R.Shah, Dean, IABM welcomed the dignitaries and fresh students. Honorable Vice Chancellor of NAU Dr. A.R. Pathak presided over the function and addressed the students on this occasion and inspired them to become good agribusiness managers in the future. Dr. C.L.Patel ,Dean,NMCA and In-charge Director of research graced the occasion as special guest.





Student Magazine of IABM

Second issue of the student Magazine of IABM **"AgriScape"** was released on the occasion of National Conference of Agricultural Marketing. Magazine contains contributed articles by students and faculty, Interviews of Agri-entrepreneurs, Agribusiness news and various other features. Magazine is edited and compiled by the students and faculty members of the institute.

Teachers Day celebration

Teachers Day was celebrated at Institute as students acted as teachers and took lectures on this day and exhibited their respect towards the teachers. Students also presented small skits on this occasion.

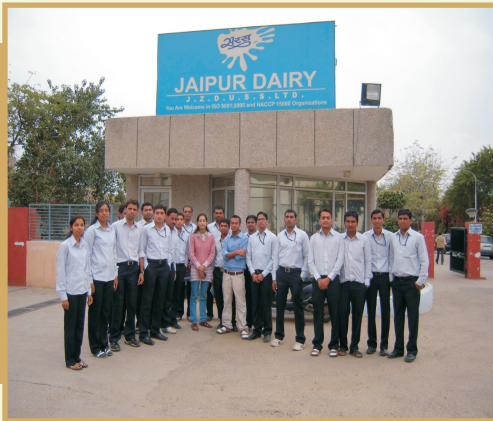
Student Poster Competition

A Student Poster competition was also organised for PG students on the themes of the conference. Gautam Jha and Pankaj Soni of the Institute of Agribusiness Management, Navsari stood first and Sarvit Ahuja from PGIABM, SDAU, Dantiwada stood second in the competition.

Educational Tour Programme

The 2nd semester students visited various agro based industries and reputed institutions like National Institute of Agricultural Marketing, Jaipur, EDI, Gandhinagar, Saras Jaipur Dairy, Jaipur, Heena Processing Units, BAIF Aonla processing Units, Cargo Packaging etc. during educational tours in the month of February, 2011.

Industrial Tour



Students visiting Jaipur Dairy



Students visiting EDI at Gandhinagar



Central Library

Introduction

University library is working in physical and virtual environment to enrich the academic life of the University. The facilities provided in the library are increasingly become more comfortable in technology rich environment, which advances the research and learning. The library supports the University's mission of teaching, research and extension in providing significant information resources, services and tools. Now a day, the academic community is dependent more on online sources hence, web-based online information sources are increasing in the library.

University library is continuously striving to fulfill the need of its vast campus with its resources, incorporating latest information and communication technology in a transition period from an exclusively print environment to a print and digital environment. With the application of technology, the central library is enhancing the delivery of its services to the desktop users. Taking into consideration the changing needs and expectations of the academic community on the campus and off the campus, keeping pace with the time, the University library has started providing web based library service through its web page.

Library Timings

The library functions from 8.00 AM to 8.10 PM on all working days except holidays. During the year under report, the library remained opened for 238 days.

Organization

The library is governed by LAC (Library Advisory Committee). LAC is the apex policy making body, which functions under the chairmanship of the Vice- Chancellor of the University; Deans, Directors, Comptroller, Head of the Departments and selected students are the

members, and University Librarian is the member secretary of LAC by virtue of the post.

Services

In addition, to provide the conventional document support to academic activities during the year, library has provided the following services to its users for consultation of huge literature.

- Books Issue / Return
- Reference and Information Service
- Referral Service
- Documentation Services
- CD-ROM based bibliographical searchers
- Reprographic Services
- Current Awareness Service (CAS)
- Selective Dissemination Information Service (SDI)
- News Clipping Service
- On-line e-journals
- Catalogue cabinet card
- Internet based service
- On-line Database service
- Readers' service for guiding and locating the documents at each floor.
- Users education

Library has created essential infrastructure for providing IT based digital services in networked environment. Library has acquired CD-ROM databases like AGRIS, AGRICOLA, CAB, VAT, J-Gate; IBID. Library has 2900 e-journals provided by CeRA (Consortia for e-Resources in Agriculture) and All India Agricultural Universities E-Thesis under Krishiprabha project of ICAR.

Servicing Units

In order to serve the readers effectively, the University library has organized functional sections, i.e. Acquisition Section, Classification (Technical), Cataloguing (Technical), Periodicals, Reference, Circulation, Binding, Reader Services, Thesis, Stack Room, Back Volume Sections.



Acquisition

This section is responsible for acquiring all the reading material relevant to the requirements of teaching, research and extension programs of the University. Acquisition section in his period has acquired in all 2588 Books (including 724 books of veterinary science) during the period under report.

Periodicals

The section acquires periodicals through subscription, exchange and gifts. The section acquired total 191 (10 foreign periodicals for veterinary science) periodical titles, 171 periodicals titles through subscription and 20 periodical titles on gifts basis. Expenditure on subscription of periodicals amounted to Rs. 26,69,703.00 during year 2010-11. With the financial assistance of ICAR through CeRA, the library is accessing the online journals like Springer link, Informatics, Oxford Journals, Elsevier and Taylor and Francis.

Library Timings

The library functions from 8.00 AM to 8.10 PM on all working days except holidays. During the year under report, the library remained opened for 238 days.

Technical Processing

All the reading material received from Acquisition and Periodical section is technically processed by this section for its use. Urgently required reading material is processed on priority basis. The new titles processed in a month are displayed on periodical desk as "New Arrivals" for the information of readers. This section processed **1146 volumes.**

Reference and Information

This section provides assistance to students, faculty members and other users in In-house databases, OPAC, Online journals, digital books, J-Gate and IBID etc. through web page of the library. The reference desk is equipped with various digital information sources like Indian standards on CD ROM besides conventional reference sources.

Circulation

During the current reporting period, 9309 (i.e. Issued 4916 and Return 4393) books were issued and returned to readers from this section. This section has enrolled 672 academic and administrative staff members and 346 students as members of the library in academic year 2010-11.

Documentation Services

Housed in a spacious, air-condition room. The documentation section renders the following services to the readers :

Bibliographical CD-ROM Database search and Internet Surfing

This section provides CD ROM search facility for the reading bibliographical CD ROM databases like AGRIS, AGRICOLA, CAB-CDs, VAT-CDs. All databases are mapped on central Internet IT server and are accessible on all the terminals of the Library. Browsing facility of these databases is free and printouts of searched literature are provided at a rate of Rs. 2.00 per page. The section provided 15986 references to the users. Internet surfing facility is provided by this section free of cost. Besides this, the section also helped the readers for consulting the online bibliographical services like J-Gate and full text e-journals etc.

Development of Databases

Several databases like Thesis and Reprint Databases using WINSIS software package have been developed as a part of documentation



activities for the benefit of the students. These submission in electronic form in CD/DVD for PG and Ph.D. students has been made mandatory.

News Clipping Service

News items and articles related to University published in any of 13 local, regional or national newspapers received in the library are scanned and indexed; the service is made available to the users.

Inter Library Loan

Under this service, six articles were received from CeRA consortium of ICAR.

Reprography Service

Photocopies of research articles and other reading materials are provided to students and staff members at the rate of Rs. 0.50 per page. Under this service 67356 photocopies have been done during the academic year 2010-2011.

Binding Service

This section looks after the wear and tears of documents and keeps the documents in workable condition. During the year under report 200 books and 230 periodicals were bound. Presently the binding work is being carried out on contractual basis.

User Education

University also conducts a non-credit compulsory course for postgraduate students entitled "Library and Information Services". It is a comprehensive course covering all aspects of library use, scientific literature and its bibliographic control, modern techniques of handling scientific information.

Significant Achievements

1. Improvement of Infrastructure like implementation of wireless technology, CCTV, fire proof server room, up gradation of server, desktops etc.
2. The search facility of bibliographical databases available on CD-Rom like, CAB CDs, VET CDs, AGRIS, AGRICOLA etc. made to the users for their literature search.
3. Online journals access facilities of Springer link, Informatics, Oxford Journals, Elsevier and Taylor and Francis, through CeRA have been provided to the users.
4. Information service from J-Gate and IBID has been provided to users.
5. e-Theses submitted by post graduate students are managed through digital repository. Library has also provided all India Agricultural University Ph.D. theses through KRISHIPRABHA
6. Library is providing information service of Indian standards in full text on electronic mode.
7. Users were trained to use the digital resources for extracting information from bibliographical databases, full text journals and other e-resources.
8. Bibliographic records of library started documents automation for SOUL 2.0 software.
9. Library has most activity, taken over the "Vanche Gujarat Abhiyan" actively as initiated by the Govt. of Gujarat.

Library at a glance

Total Collection : 52791		Total
1. Number of Users consulted		34491
a. Staff	1860	
b. Students	27751	
c. Internet / Computer Lab	4880	



Total Collection : 52791		Total
2. Number of Documents' Collection		52791
a. Books	37244	
b. Bound Volumes of Periodicals	9476	
c. Current Periodicals	191	
d. Theses	1287	
e. Reports	4275	
f. CDs / DVDs	318	
3. Number of Books issued and Returned	4916	9309
a. Issued Books	4393	
b. Returned Books		
4. Number of Documents Classified		4545
5. Number of Documents Catalogued:		
a. New titles		4545
b. Catalogue Cards Prepared		13372
6. Number of documents Procured	2588	3128
a. Books	230	
b. Bound Volumes of Periodicals	86	
c. Theses	197	
e. Reports	27	
f. CDs / DVDs		
7. Number of periodicals procured		191
8. Binding	230	430
a. No. of periodicals bound	200	
b. No. of books bound		
9. Number of library open days		238