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Anand Agricultural University

Annual Report - 2010-11



Anand Agricultural University



7th

ANNUAL REPORT
2010-2011



डॉ. अरविन्द कुमार
उप महानिदेशक (शिक्षा)

Dr. Arvind Kumar
Deputy Director General (Education)

भारतीय कृषि अनुसंधान परिषद

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Date : 13 August, 2010

The Vice Chancellor

Anand Agricultural University
Anand 388110, Gujarat

Upon the recommendations of the ICAR Peer Review Team and Education Division, and on meeting the minimum accreditation criteria, the Accreditation Board has granted accreditation to the Anand Agricultural University, Anand and its following colleges for five years i.e. upto 12.07.2015

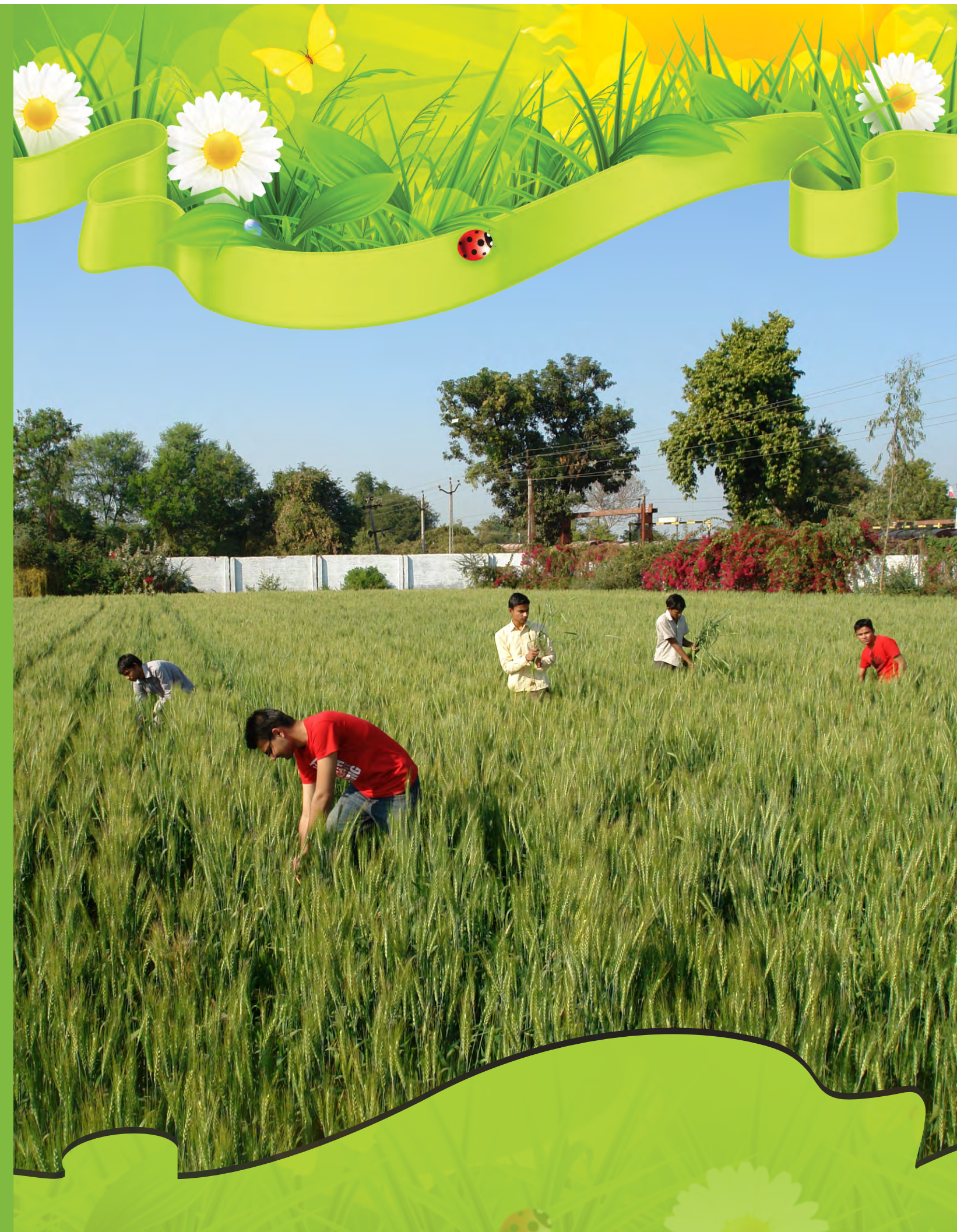
- B.A. College of Agriculture, Anand
- College of Veterinary Science & Animal Husbandry, Anand
- SMC College of Dairy Science, Anand

The accreditation pertains to specific programmes and is subject to the conditions as enclosed. A Certificate of Accreditation as awarded by the Accreditation Board will follow.

(Arvind Kumar)

Vice Chairman

Accreditation Board





Anand Agricultural University

7th ANNUAL REPORT

01-04-2010 to 31-03-2011

Published in pursuance of Section 49 of the
Gujarat Agricultural University Act., 2004

Published by
Registrar
Anand Agricultural University
Anand - 388110, Gujarat, INDIA

Our Symbol



This is our Emblem;

One Square, One Leaf
with "AAU" firmly embedded

The Square with lighter and darker shades of green
Stands for Lusciousness, Fertility and Abundance of this land.
This is our Mother Land
With all the three elements abounding

Among the entire world, there is only one thing
That Could photosynthesize solar rays
into biomass i.e., the LEAF.
Hence, the LEAF stands as our symbol
Which could transform sun rays i.e. energy into matter

Thus leaf as a symbol of our commitment;
Our Dream
to make our Country
abundant in agriculture

Leaf is our tribute to
Our Mother Land
Our pledge to make Country prosperous

Our Motto is :

कृणवन्तो राष्ट्रं कृषिसंपन्नम्

Means

We, the Scientists, Students and
all the employees of AAU unitedly
stand to make the solemn pledge
that we enrich and glorify
the grandeur of our Country
and make it agriculturally prosperous



Foreword



It is my proud privilege to present annual report of the Anand Agricultural University, Anand for the year 2010-11, highlighting the achievements made in the area of teaching, research and extension education. The university is mandated to address the basic and applied issues related to agriculture production and livestock wealth in addition to human resource development and overall improvement in the socio-economic status of farmers. The university has been able to provide a perfect scientific and technological support to farmers through its different faculties, research stations/substations/centres and Krishi Vigyan Kendras located in different parts of the Gujarat State.

The Seventh Annual Report of the Anand Agricultural University is presented in pursuance to Section 49 of the Gujarat Agricultural Universities Act 2004. The University has reached the 7th year of its existence. Having laid a strong foundation of the University by the Iron man Sardar Vallabhbhai Patel with a great dream of prosperity of farmers' way back in 1937, we also cherished his dream of making Gujarat and India agriculturally prosperous. The Institute had a glorious past which we imbibed while striding through the path treaded by Sardar Patel and his team of devoted scientists, teachers and workers.

The report gives the details of the activities carried out by the University to achieve the cherished goals of the University. The programmes of the University continued with enthusiasm and dedication.

"Krushi Mahotsav 2010 was launched from the university to motivate the farmers of Middle Gujarat for adopting modern scientific methods of farming. The Seventh convocation of the AAU, Anand was conducted on 8.2.2011 successfully.

As a Nodal Officer of the agricultural universities of Gujarat State, constant guidance in the matter of academic and administration resulted into progress of all four SAUs with innovative approaches.

The Gujarat State has made impression in the field of agriculture at the national level by notching productivity award for the last four consecutive years. This is because of the unconditional patronage and guidance received from the Chancellor of AAU, Her Excellency, the Governor of Gujarat State, Dr. Shrimati Kamla and Hon'ble Chief Minister of Gujarat State, Shri Narendra Modi. The Encouragement from Shri Deelip Sanghani, the Agriculture Minister, Gujarat State during the year is also acknowledged. I express my sincere gratitude to ICAR and State Government and other funding agencies for their support in sponsoring education and research programmes at the university. Last but not least, I would like to congratulate my entire team of scientists, academicians, administrators and subordinates for carrying out the various activities of the university and bringing out the results in a comprehensive manner as reflected in this report.

A. M. Shekh
Vice Chancellor
Anand Agricultural University

Our Song

હો સંસ્કૃતિ કૃષિ વત્સલમ્, કલ્યાણ કીર્ત્તે મંગલમ્
કૃષ્ણવન્તો રાષ્ટ્રં કૃષિસંપન્નમ્ કૃષ્ણવન્તો રાષ્ટ્રં કૃષિસંપન્નમ્
કૃષ્ણવન્તો રાષ્ટ્રં કૃષિસંપન્નમ્

સરદાર ગાથા ગુર્જરી, ચાંદ અમુલ ચરોતરી,
ક્ષીર સંસ્કૃતિ મહીસાગરી, આતિથ્ય આદર સે ભરી,
કૃષ્ણવન્તો રાષ્ટ્રં કૃષિસંપન્નમ્

ડાકોર શ્રીઠાકોર કા, કાયાવરોહણ કલિકા,
વડતાલ ભાલ ગુલાલ, સૂન કરતાલ ધૂન નારાયણી,
કૃષ્ણવન્તો રાષ્ટ્રં કૃષિસંપન્નમ્

સંતરામ બોડાણા શ્રીમદ્, હરિ મારગી જોબન ભગત,
દિલ કે દિયે જલતે કિયે, ગુંજી ગીરા રવિશંકરી,
કૃષ્ણવન્તો રાષ્ટ્રં કૃષિસંપન્નમ્

સરદાર રાસ અડાસમેં, બાપુ ચલે થે સાથ મેં,
વિધાનગર આણંદ મેં, વિજ્ઞાન જ્ઞાન ગંગોતરી,
કૃષ્ણવન્તો રાષ્ટ્રં કૃષિસંપન્નમ્

- ડૉ. બાલકૃષ્ણ જોષી



Executive Summary

Vision & Mission

Anand Agricultural University (AAU) was established with a vision and mission of Agriculturally Prosperous Gujarat and India to incorporate impart education in Agriculture and allied sciences in Gujarat. Farming community is being provided support in all the three facets viz. education, research and extension activities in agriculture and allied fields through AAU.

Principal Executive

The university continued to excel under the able leadership of Vice-Chancellor Prof. M. C. Varshneya, a renowned Agro-Meteorologist during the initial phase of the year.

Vice-Chancellor, Dr. A. M. Shekh, a renowned Agro-Meteorologist has taken the University to a new height during the year under report. As the succeeding Vice-Chancellor of the Anand Agricultural University, Dr. Shekh followed the authorities like Academic Council, Faculties, Board of Studies of different groups of subjects, Research Council, Extension Council constituted. He also completed the chore of drafting Statutes of the University, obtained the approval of the Board of Management and passed it to the Government for authorization. He has successfully completed the mission for academic matters as Nodal officer of Education of all the four agricultural Universities of Gujarat

Education


Seventh Annual Convocation was held in the august presence of H.E., Governor of Gujarat and the Chancellor of the University, Dr. Shrimati Kamla, the Guest of Honour Shri Dileepbhai Sanghani Hon'ble Minister of Agriculture Gujarat State, the Chief Guest Shri Pravin K. Laheri, Former Chief Secretary, Govt. of Gujarat. 442 graduate and Post-graduate candidates received the degrees at the Convocation.

Research

Research has been the major potency of AAU with the brawny prop up from 83 regular state plan, 47 non-plan and 17 ICAR co-ordinated research projects to which 67 new private agency/GOG and GOI's schemes were added during the year. As a result of strapping and committed research 41 technologies were recommended to the farmers subsequently published/ presented in the form of 606 research papers.

Extension Education

The Directorate of extension education; plans, coordinates, organizes and guides the extension education programmes to guarantee proficient shift of the cutting edge technologies in all quarters of agriculture. This is facilitated through organization of on and off campus training programmes, farm advisory services, plant diagnostic clinics, front line demonstrations, seminars, krishi-mela, khedut-din, etc. The state departmental machinery is also skilled by the university personnel at pre-seasonal trainings, bi-monthly workshops as well as special training organized regularly. Training is essential to increase the efficiency of the farmers, farm women and farm youths. On-campus as well as off-campus training programs were organized based on the needs and interests of the stakeholders. 253 on-campus and 245 off-campus training programs were organized through the front line Transfer of Technology (TOT) Centers. FLDs aim to exhibit the production potentialities of newly released and pre-released production technologies at the farmers' fields. KVKs and other TOT centres organized 706 FLDs on





various crops during kharif, rabi and summer seasons. As a measure towards enlightenment of farming community "Swarnim Krushi Mahotsav-2010" a doorstep extension modus operandi of the State Government Visionary programme was launched from 16th May to 14th June 2010 through out the Gujarat State.

Student's Welfare

All the constituent colleges of the University have the Students Representative Council (SRC) formed as per University rules, so that the students can represent their problems through their representatives. SRC organizes and monitors various extracurricular activities of the students. The Students' Representative Councils of all the colleges organized various extracurricular activities like planning forum, sports, debate and elocution, college magazine, cultural programmes, NSS, NCC, etc.

Apart from this, Alumni Associations in all the three colleges were active and organized one day seminars for strengthening the professional brotherhood and create an atmosphere of oneness.

Hon'ble the Chancellor & Her Excellency the Governor of Gujarat Dr. Shrimati Kamla inaugurated HOSTEL FOR INTERNATIONAL STUDENTS AND EXTENSION TRAINEES. The hostel is fighting fit equipped with all necessary amenities of towering standards.

Anand Agricultural University bagged championships at Table Tennis (Men), Badminton (Women) during Gujarat state Inter Agricultural University Tournament organized at Navsari Agricultural University on 28th and 29th September, 2010.

University participated at various events of twelfth All India Agricultural Universities Games & Sports Meet 2010-11 organized by Kerala Agricultural University Thrissur and won Silver Medal in Table-Tennis & Disc throw.

National Service Scheme is functioning at all the colleges of Anand Agricultural University. 500 volunteers were registered for regular activity and 250 for special camp during the year under report.

Estate Management

The year has been very frantic on the construction front. New constructions like Bio-Pesticides laboratory, Smart class room at Dairy Science college, Boy's and Girl's hostel for the new colleges, Bio control laboratory and hostel for International Students were accomplished during the year under report. Bhoomipujan for IABMI college building was also carried out.

Information Technology


Services like Internet, Intranet, E- Library, CAB Database, J-Gate, Science Direct Personalizing Research, Annual Reviews, Springer Link and Consortium for e-Resources in Agriculture services were provided to more than 5000 beneficiaries including the university staff, Undergraduate, Post-graduate students and the officials from various departments of the State have taken benefit of ITC network services. Also different short-term training courses like Soil health card system, Website updating, Database management etc. were conducted for the officers of the Agricultural Universities and State Government at ITC, Anand. In the history of SAU's of Gujarat, Anand Agricultural University has initiated an online convocation application system.





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OUR PLEDGE

We, the scientist, students
and the employees of
Anand Agriculture University
Unitedly stand to make
the solemn pledge
That
we enrich the glorify,
The grandeur of our country
And
make it agriculturally prosperous;
And
will devote ourselves
with heart and soul to Realize
the objectives
of our institution





CHAPTER-1

VISION & MISSION

Anand Agricultural University has metamorphosed from *Krishi-go-Vidya Bhavan* established way back, in the forties, by the Iron Man of India, Shri Sardar Vallabhbhai Patel not as merely an educational institution, but as a mission; a cause, primarily conceived to revitalize agriculture, following Mahatma Gandhiji's call for village regeneration.

Anand Agricultural University (AAU) was carved out from the erstwhile Gujarat Agricultural University, to establish and incorporate teaching and imparting education in Agriculture and Allied Sciences in the State of Gujarat, by the Government of Gujarat, through enactment of Gujarat Act No. 5 of 2004. The Act was passed by the Gujarat Legislative Assembly and was assented by H.E. the Governor of Gujarat on 4th March, 2004. Farming community is being provided support in all the three facets viz. education, research and extension activities in agriculture and its allied fields through AAU.

The Vision and Mission of Anand

Agricultural University (AAU) are as under:

Vision

Agriculturally Prosperous Gujarat and India

Mission

The mission of the Anand Agricultural University is to provide teaching, research and extension education services related to Agriculture, Dairy, Veterinary and Allied Sciences including newer sciences like Agricultural Information Technology, Agricultural Engineering Technology, Food Processing Technology, Agricultural Business Management, etc.; and thereby develop excellent human resource and innovative technologies to serve the farming community with the motto of making Gujarat and India agriculturally prosperous.

Goals and Objectives

- ♦ Make provision to impart education and thereby develop quality human resource.

Chapter 1 : Vision & Mission

- ♦ Furthering the advancement of learning through research;
- ♦ Passing the knowledge gained through research to the stake holders – the farmers, through extension education
- ♦ Promoting partnership and linkages with national and international institutions.
- ♦ Budding cutting edge technologies for national and international arena/markets.

Teaching

- ♦ To impart education in agriculture and allied sciences at undergraduate and post graduate level leading to Bachelor's, Master's and Doctorate degree in various colleges of Agriculture, Dairy, Veterinary, Agril. Engineering, Agril. Information Technology, Food Processing Technology & Bio-Energy, International Agri Business Management and leading to diploma in various Polytechniques in Agriculture, Horticulture, Food Science and Home Economics, Agril. Engineering, etc.;
- ♦ To provide integrated agricultural education at different levels to increase efficiency and effectiveness of skill of students;
- ♦ To upgrade the technical competence of teachers by redesigning course curriculum

as suggested by ICAR/ Dean's Committee and coordinating the teaching with research in the field of agriculture;

- ♦ To organize vocational courses to educate rural youth in various disciplines of agriculture and allied sciences with intension to develop self-employment;
- ♦ To provide consultancy and advisory services to the industry, government and non-government sectors;
- ♦ To architect agribusiness professionals for Agricultural, Agri. food firms, rural and allied sectors;
- ♦ To encourage entrepreneurial spirit and develop qualified entrepreneurs for rural development;
- ♦ To cater to the needs of enterprises and cooperatives in agribusiness at national and international level

Research

- ♦ Aimed at evolving new varieties and breeds and developing technologies for increasing agricultural and animal productivity with a view to improve socio-economic status of farmers of Gujarat and India;
- ♦ Develop package of practices for cultivation



Chapter 1 : Vision & Mission

of various crops and cropping systems of middle Gujarat;

- ♦ Develop integrated farming system, Integrated Pests and Disease Management Systems, Organic farming and Biological control;
- ♦ Develop cutting edge technologies in the field of Nanotechnology pertaining to agriculture, Animal husbandry and Food sciences;
- ♦ Develop technologies in the field of Milk production, Food processing and Bio-energy;
- ♦ Develop specific indigenous and cross breeds suitable to agro-climate of Middle Gujarat

Extension

- ♦ Impart training to the officers and extension workers of line department of Government of Gujarat and India, field functionaries, staff of the University, NGOs, farmers, entrepreneurs etc;
- ♦ Conduct short and long duration vocational training for farmers, farm women, farm youth, entrepreneurs and tribals;
- ♦ Assess, refine and demonstrate latest

agricultural technologies of University through front line demonstrations for their wider adoption;

- ♦ Transmit agricultural technologies to the farmers and rural masses of Gujarat through mass media, information technologies and video conferencing.

History

Anand Agricultural University (AAU) has entered into seventh year of its being. Established by the Gujarat Act No. 5 of 2004, passed by the Gujarat Legislature and assented by Her Excellency, Governor of Gujarat on 4th, March 2004, AAU has been incorporated as a teaching and affiliating University for imparting education in agriculture and allied sciences. AAU has a long cherished history. Sardar Vallabhbhai Patel, an Iron man of India and Dr. K. M. Munshi, who played a significant role in affable and unobtrusive manner both as member of the Drafting Committee and as an active member of the Constituent Assembly of Indian Constitution established *Krush-Go-Vidhya Bhavan* or Institute of Agriculture and animal genetics, Anand in 1938 to revitalize agriculture, train the farmers and their sons and daughters in modern practices of agriculture and animal husbandry so that they can raise their head and live in prosperity.

Chapter 1 : Vision & Mission

Institute of Agriculture was popularly known as 'Khetiwadi' which later in June, 1972 became a part of the Gujarat Agricultural University. Institute of Agriculture, Anand had two Colleges viz., B. A. College of Agriculture established in 1947 and Sheth M. C. College of Dairy Science established in 1960, which were then affiliated to Sardar Patel University, Vallabh Vidhyanagar. Later, in 1972 they became integral part of Gujarat Agricultural University along with the Government College of Veterinary Science and Animal Husbandry which was established in 1964 at Anand.

The activities of Anand zone of erstwhile Gujarat Agricultural University have now been transferred to newly established Anand Agricultural University with effect from May 1, 2004 with three Colleges viz., B. A. College of Agriculture, Sheth M. C. College of Dairy Science and College of Veterinary Science & Animal Husbandry, 27 Research Stations, one Extension Education Institute, 16 Extension Education Centres like Krushi Vigyan Kendra, Sardar Smruti Kendra, Tribal Training Centre, Tribal Research-cum-Training Centre, Poultry Training Centre, Bakery Training Centre, Livestock Training Centre, Home Science School, Mali Training Centre.

Today, all existing diploma schools

are transformed into polytechnics with new syllabus and rules. Passed out students will get employment as middle level technician on farm, industry and agriculture related enterprises and admission to a degree college. More colleges are established i.e. International Agri. Business Management Institute, Agril. Information Technology, Agril. Engineering & Technology and Food Processing Technology & Bio-Energy, etc.

Power and Functions of the University

Under Section 6 of the GAU Act, 2004, the University is empowered to exercise the following powers :

- (1) Provide education & instruction in agriculture & allied sciences and in such other branches of learning as the University may deem fit;
- (2) Make provision for research in agriculture and allied branches of learning;
- (3) Make provision for dissemination of the findings of research and technical information through extension education programmes;
- (4) Make such provision which would enable affiliated colleges and recognised



Chapter 1 : Vision & Mission

- institutions to undertake specialisation in different fields of studies;
- (5) Institute degrees, diploma and other academic distinctions;
- (6) Lay down courses of study and instruction for various examinations;
- (7) Hold examinations and confer degrees, diploma and other academic distinctions and confer certificates to persons who -
- (a) have pursued approved courses of study at the University or at a college unless exempted there from, in the manner prescribed and have passed the examinations prescribed by the University or
- (b) have carried on research under conditions prescribed;
- (8) Withdraw or cancel any degree, diploma or certificate conferred or granted by the University in such manner as may be prescribed;
- (9) Confer Honorary degree and other distinctions in the manner prescribed;
- (10) Provide lectures, instructions and training to persons who are not enrolled students of the University and grant such certificates to them as may be prescribed;
- (11) Co-operate with any other University or authority in such manner and for such purpose as the University may determine;
- (12) Establish and maintain colleges for imparting education in agriculture and allied sciences,
- (13) Establish and maintain classrooms laboratories, libraries, English language laboratory, research stations, institutions and museums with latest technology for teaching, research and extension education;
- (14) Create such teaching, administrative and other posts as the University may deem necessary from time to time and make appointments thereto;
- (15) Institute and award fellowships, scholarships and prizes in accordance with the Statutes;
- (16) Associate or admit educational institutions imparting education in agriculture and allied sciences with, or to the privilege of the University by way of affiliation or recognition;
- (17) Withdraw or modify, either in whole or part, affiliation or recognition of educational institutions;

Chapter 1 : Vision & Mission

- (18) Inspect colleges and recognised institutions and take necessary measures to ensure that proper standards of instruction, teaching and training are maintained in them and that adequate library and laboratory provisions are made therein;
- (19) Lay down and regulate the salary scales, allowances and other service conditions of the members of teaching, other academic and non-teaching staff of the University;
- (20) Lay down and regulate the salary scales, allowances and other conditions of service of the members of the teaching, other academic and non-teaching staff in the affiliated colleges and recognised institutions;
- (21) To
 - a) Control and co-ordinate the activities of, and to give financial aid to, affiliated colleges and recognised institutions; and
 - b) Regulate fees to be paid by the students in affiliated colleges and recognised institutions;
- (22) Institute and maintain residential accommodation for students and staff of the University;
- (23) Fix demand and receive or recover such fees and other charges as may be prescribed;
- (24) Supervise, regulate and control the residence, conduct and discipline of the students of the University, make arrangements for promoting their health and general welfare;
- (25) Conduct, co-ordinate, supervise, regulate and control post-graduate teaching and research work at the University departments and affiliated colleges and recognised institutions;
- (26) Co-ordinate, supervise, regulate and control conduct of undergraduate teaching and instruction in the affiliated colleges and undertake the same in University colleges;
- (27) Make special provision for agricultural education, research and extension in relation to arid areas and areas prone to scarcity in the University area;
- (28) Perform all such other acts and things whether incidental to the powers aforesaid or not, as may be requisite in order to further the objectives of the University.

CHAPTER-2

FUNCTIONING OF AUTHORITIES

*Decision making is a Science,
Implementation is an Art*



Authorization

Authority to govern the affairs of Anand Agricultural University flows from the GAU Act, 2004.

AAU is a body corporate established under GAU Act, 2004 (Gujarat Act No. 5 of 2004) and comprises of Chancellor, Vice-Chancellor, Board of Management, Academic Council and Officers of the University. It has a territorial jurisdiction of six districts of Gujarat namely Ahmedabad, Anand, Dahod, Kheda, Panchmahal and Vadodara.

Functioning of the Authority

During the year under report following authorities, as provided in Section 17 of the Act, were functional.

- Board of Management
- Academic Council
- Faculties
- Board of Studies of different groups of subjects of different faculties.

The Organizational Chart and decision making

channel are given in Chart- 1 and 2 respectively.

Board of Management

The Board of Management considers and decides matters of general policies relating to progress and development of the University. The list of the Hon'ble members of the Board of Management is given at Appendix -1.

During the year under report, three meetings were held under the Chairmanship of Prof. M. C. Varshenya, Vice Chancellor (From: 01-04-2010 to 30-06-2010) and Dr. A. M. Shekh, I/c. Vice Chancellor (From: 01-07-2010 to 31-03-2011). Dr. A. J. Pandya, Registrar acted as the Member Secretary of the Board (Upto: 17-06-2010) then Dr. P. R. Vaishnav, Registrar (From: 18-06-2010) acted as the Member Secretary of the Board. Following decisions were taken at the said meetings.

22nd Meeting of Board of Management held on 07-08-2010

- (1) Confirmation of the Minutes of 21st Meeting

Chapter 2 : Functioning of Authorities

- of Board of Management held on 19-01-2010.
- (2) Report of the Action Taken on the Minutes of 21st Meeting of the Board of Management held on 19-01-2010.
- (3) તા.૧૯.૧.૨૦૧૦ના રોજ મળેલ નિયામક મંડળની ૨૧મી બેઠકની કાર્ય નોંધ પર પગલાં લેવા બાબત (મુદ્દા નં.૨૧.૧એ)
- (4) માન.મુખ્યમંત્રીશ્રીના દસ મુદ્દાના કાર્યક્રમ 'વનબંધુ કલ્યાણ યોજના' અંતર્ગત કૃષિ ઈજનેરી કોલેજની પ્રવેશ પદ્ધતિમાં સુધારો કરવા બાબત.
- (5) બોર્ડ/નિગમ/ગ્રાન્ટ ઈન એઈડ સંસ્થાઓ/યુનિવર્સિટીઓના કર્મચારીઓની છટ્ટા પગાર પંચ અન્વયે પગાર-બાંધણીની ઓનલાઈન ચકાસણી અને મળવાપાત્ર પગાર તફાવતના પહેલા હપ્તાની ૨૦% રકમની ચુકવણી બાબત.
- (6) જાહેરાત ક્રમાંક : ૪/૨૦૦૮ના અનુસંધાનમાં ડાયરેક્ટર ઓફ ઈન્ફોર્મેશન ટેકનોલોજીની નિમણૂક અંગે પસંદગી સમિતિની ભલામણ મંજૂર કરવા બાબત.
- (7) વાર્ષિક વિકાસ કાર્યક્રમ : ૨૦૧૦-૨૦૧૧.
- (8) આણંદ કૃષિ યુનિવર્સિટીમાં વિવિધ ફેકલ્ટીના આચાર્યશ્રીઓ, સંશોધન નિયામકશ્રી અને ડીન પી.જી.સ્ટડીઝ, વિસ્તરણ શિક્ષણ નિયામકશ્રી વગેરે જગ્યાઓના ભરતી નિયમોમાં અનુભવની લાયકાતમાં સુધારો કરવા અંગે.
- (9) આણંદ કૃષિ યુનિવર્સિટી, આણંદના ૨૦૦૬-૨૦૦૭ અને ૨૦૦૭-૨૦૦૮ના વર્ષના ઓડીટ અહેવાલ અને તેના ઉપર લેવાયેલ પગલાંની નોંધ.
- (10) સને ૨૦૧૦-૧૧ની અંદાજપત્રીય જોગવાઈ (આયોજન બહાર) મુખ્ય સદર ૨૪૧૫ — કૃષિ વિષયક સંશોધન અને શિક્ષણ.
- (11) રમતગમત, સાંસ્કૃતિક પ્રવૃત્તિઓ, સાહસિક પ્રવૃત્તિઓના વિનિયમો મંજૂર કરવા અંગે.
- (12) આણંદ કૃષિ યુનિવર્સિટી વિદ્યાર્થી હોસ્ટેલના નિયમો મંજૂર કરવા અંગે.
- (13) સ્નાતક કક્ષાએ બાબુભાઈ જશભાઈ પટેલ ષષ્ટિપૂર્તિ સ્મૃતિ સુવર્ણચંદ્રક એનાયત કરવાના વિનિયમો મંજૂર કરવા અંગે.
- (14) Annual Report of Anand Agricultural University for the year 2008-09.
- (15) Submission of revised item No.7.6 under Cyberary regulations.
- (16) યુનિવર્સિટી નિયામક મંડળની મંજૂરીની અપેક્ષાએ અપાયેલ વહીવટી મંજૂરીને કાર્યોત્તર મંજૂરી આપવા બાબત.
- (17) Implementation of Common Academic Regulations (ICAR) for Post-graduate (Master and Doctoral) studies as per ICAR recommendation in the University.
- (18) કૃષિ વિજ્ઞાન કેન્દ્ર, આણંદ કૃષિ યુનિવર્સિટી, દેવાતજ ખાતે 'એસ્ટાબ્લીશમેન્ટ ઓફ ડેમોસ્ટ્રેશન-કમ-ટ્રેઈનીંગ સેન્ટર ફોર ઈનલેન્ડ ફીશકલ્ચર' શરૂ કરવા બાબત.
- (19) Introduction of P. G. Programmes viz. M.Sc. (Agricultural Journalism), M.Sc. (Agricultural Marketing) and M.Sc. (Agricultural Insurance) in regular face to face mode.

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(20) Approval of Regulations for M.Sc. (Agricultural Journalism), M.Sc. (Agricultural Marketing) and M.Sc. (Agricultural Insurance) through Distance Mode.

23rd Meeting of Board of Management held on 29-01-2011

- (1) Confirmation of the Minutes of 22nd Meeting of Board of Management held on 07-08-2010.
- (2) Report of the Action Taken on the Minutes of 22nd Meeting of the Board of Management held on 07-08-2010.
- (3) Test fee for Thalassemia માં એક્સસ્ટ્રા જાળવવા બાબત.
- (4) સ્નાતક કક્ષા તથા અનુસ્નાતક કક્ષાના અભ્યાસક્રમોમાં પ્રવેશ મેળવતા વિદ્યાર્થીઓને ફી ની રકમ પરત કરવા બાબત
- (5) પોલીટેકનીક ડિપ્લોમાં અભ્યાસક્રમોમાં પ્રવેશ રદ કરાવતાં વિદ્યાર્થીઓને ફી ની રકમ પરત કરવા બાબત.
- (6) આણંદ કૃષિ યુનિવર્સિટી હસ્ટકની તમામ વિદ્યાશાખાની કોલેજોની લેડીઝ હોસ્ટેલ માટે હોસ્ટેલ વોર્ડનની જગ્યાઓ મંજૂર કરવા બાબત.
- (7) આણંદ કૃષિ યુનિવર્સિટી વિદ્યાર્થી શિસ્તના નિયમો મંજૂર કરવા અંગે.
- (8) વિદ્યાર્થીઓ માટે વિદ્યાર્થી પ્રતિનિધિ મંડળના નિયમ અને બંધારણના વિનિયમો મંજૂર કરવા બાબત.
- (9) સ્નાતક કક્ષાએ વેટરનરી વિદ્યાશાખાના વિદ્યાર્થીને “IXth ISVPT-Anand Medal in Veterinary Pharmacology & Toxicology” નો ચંદ્રક એનાયત કરવા તથા તેના વિનિયમો મંજૂર કરવા બાબત.
- (10) ડૉ. બી.પી.પંડ્યા રોકડ ઇનામ "સ્નાતક કક્ષાએ વેટરનરી વિદ્યાશાખાના વિદ્યાર્થીને એનીમલ ન્યુટ્રીશીયન વિષયમાં એનાયત કરવા અને તેના વિનિયમો મંજૂર કરવા બાબત.
- (11) કન્સ્ટ્રક્શન ઓફ ક્વાર્ટર્સ ફોર એ.એ.યુ. એટ વસો.
- (12) કન્સ્ટ્રક્શન ઓફ ફર્સ્ટ એન્ડ સેકન્ડ ફ્લોર ફોર હોસ્ટેલ ઓફ વેટરનરી સાયન્સ કોલેજ એટ એ.એ.યુ., આણંદ
- (13) કન્સ્ટ્રક્શન ઓફ સેકન્ડ એન્ડ થર્ડ ફ્લોર ફોર હોસ્ટેલ ઓફ એગ્રીકલ્ચર ઇન્ફોર્મેશન ટેકનોલોજી કોલેજ એટ એ.એ.યુ., આણંદ
- (14) કન્સ્ટ્રક્શન ઓફ સ્પોર્ટ્સ કોમ્પ્લેક્સ ફોર એગ્રીકલ્ચર પોલીટેકનીક એટ એ.એ.યુ., વસો.
- (15) કન્સ્ટ્રક્શન ઓફ ફાર્મ રોડ એટ એ.એ.યુ., સણસોલી, વસો, રામના મુવાડા, મીનાવાડા, જબુગામ.
- (16) અનુસૂચિત જાતિ તથા અનુસૂચિત જનજાતિ ઉમેદવારોને મદદનીશ પ્રાધ્યાપકની જગ્યા માટેના ભરતી નિયમોમાં પ્રથમ ડીગ્રીમાં છૂટછાટ આપવા અંગે.
- (17) નેટમાં આપેલ છૂટછાટ રદ કરવા બાબત.
- (18) ફુડ પ્રોસેસીંગ ટેકનોલોજી એન્ડ બાયો એનર્જી ફેકલ્ટી તથા એગ્રી. બીઝનેસ મેનેજમેન્ટ ફેકલ્ટીમાં સહપ્રાધ્યાપક તથા પ્રાધ્યાપક સંવર્ગમાં પીએચ.ડી.ની લાયકાતમાં આપેલ છૂટછાટ રદ કરવા અંગે.
- (19) Reservation for admission from

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- Diploma to Degree course (D-to-D)
- (20) Restructuring of no. of regular seats for MBA-IAB degree admission.
- (21) Modification in existing B.Tech(D.T.) Rules & Regulations.
- (22) Revision in remuneration for visiting lecturer (U.G. and P.G. programme), Moderation of Question Paper and Answer Book evaluation for B. Tech. (D.T.) course.
- (23) Five year integrated B. Tech. (D.T.) programme leading to Post Graduate Diploma in Dairy Management.
- (24) આણંદ કૃષિ યુનિવર્સિટી, આણંદના ૨૦૦૮-૨૦૦૯ વર્ષના ઓડિટ અહેવાલ અને તેના ઉપર લેવાયેલ પગલાંની નોંધ.
- (25) "કન્સ્ટ્રક્શન ઓફ ઓફિસ-કમ-લેબોરેટરી બિલ્ડીંગ એટ એ.એ.યુ. જબુગામ (બજેટ સદર ૧૦૯૮૩-૬બી)"
- (26) Approval of the Governing Body of Business Planning and Development Unit, AAU, Anand.
- (27) Approval of the Advisory Committee of Business Planning and Development Unit, AAU, Anand.
- (28) Implementation of Research Schemes/ Projects sanctioned under State Plan during year 2010-11.
- (29) Implementation of Research Schemes/ Projects sanctioned under under RKVY.
- (30) Implementation of Research Schemes/Projects sanctioned and financed by GOG/GOI/ICAR and Other Agencies.
- (31) Approval for the implementation of projects funded under NAIP.
- (32) Approval for the implementation of the AICRP on Castor.
- (33) Modification of mandate of Sugarcane Research Project, Thasra.
- (34) Shifting of Research Schemes along with staff from N.C. Farm, Chharodi to newly acquired farms.
- (35) Liberty of Pesticide Residues Laboratories for NABL accreditation.
- (36) Closing of H.F. Project activities and approval of redeployment/ re-mandating of the schemes of H.F. Project.
- (37) કૃષિ યુનિવર્સિટીના નિવૃત્ત કર્મચારીઓને નિવૃત્તિના લાભો મંજૂર કરવા અંગેના સ્ટેચ્યુટ બાબત.

24th Meeting of Board of Management held on 17-03-2011

- (1) Confirmation of the Minutes of 23rd Meeting of Board of Management held

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on 29-01-2011.

- (2) Report of the Action Taken on the Minutes of 23rd Meeting of the Board of Management held on 29-01-2011.
- (3) Confirmation of the 10th Circulation Meeting of the Board of Management.
- (4) Participation of AAU, Anand as consortium partner in Mega Food Park Project.
- (5) પોલીટેકનીકના વિદ્યાર્થીઓને સ્ટાઈપન્ડ આપવા બાબત.
- (6) તા.૨૬/૧૧/૨૦૧૦ના રોજની જાહેરાત ક્રમાંક: ૧/૨૦૧૦ ના અનુસંધાનમાં શિક્ષક સંવર્ગમાં નિમણૂક અંગે પસંદગી સમિતિની ભલામણો મંજૂર કરવા બાબત.
- (7) કન્સ્ટ્રક્શન ઓફ એકઝામીનેશન હોલ એટ એ.એ.યુ., આણંદ.
- (8) આણંદ એગ્રીકલ્ચર, વેટરનરી કોલેજ તથા યુનિવર્સિટી કેમ્પસના મિલ્કતોનો આણંદ નગરપાલિકાનો ટેક્સ ભરવા બાબત.
- (9) ખેડૂત તાલીમ કેન્દ્રના મકાન બાંધકામ માટે જમીન ફાળવવા અંગે.

Academic Council

Academic Council has been established at the University under Section 21 of GAU Act. Academic Council is responsible for maintenance of standard of teaching and examination in the University. It controls and regulates the quality of teaching, education and examination in the university.

During the year under report, Prof. M. C. Varshenya, Vice Chancellor (From: 01-

04-2010 to 30-06-2010) and Dr. A. M. Shekh, I/c. Vice Chancellor (From: 01-07-2010 to 31-03-2011) were the Chairman while Dr. A. J. Pandya, Registrar (Upto: 17-06-2010) then Dr. P. R. Vaishnav, Registrar (From: 18-06-2010) acted as Member Secretary of the Academic Council. The list of members of the Academic Council is given in Appendix -2.

During the year under report, five meetings of Academic Council were held to consider various issues pertaining to improvement of education, course curricula, course credits and recruitment rules for teachers and such other items. Besides making recommendations to the Board of Management as mentioned above, the Academic Council also took following important decisions.

22nd Meeting of Academic Council held on 10-05-2010

- (1) Confirmation of the Minutes of 21st Meeting of Academic Council held on 19-01-2010.
- (2) Report of the Action Taken on the Minutes of 21st Meeting of the Academic Council held on 19-01-2010.
- (3) કૃષિ પોલિટેકનીકનાં વિદ્યાર્થીઓને B.Sc. (Agri.) ડિગ્રીનાં અભ્યાસમાં પ્રવેશ મળવા બાબત.
- (4) Reservation for admission from

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Diploma to Degree Course (D-to-D).

- (5) કૃષિ પોલિટેકનીકનાં વિદ્યાર્થીઓનો મૂલ્યાંકન રીપોર્ટ મંજૂર કરવા બાબત.
- (6) કૃષિ ઈજનેરી પોલિટેકનીકનાં વિદ્યાર્થીઓનો મૂલ્યાંકન રીપોર્ટ મંજૂર કરવા બાબત.
- (7) પોલિટેકનીક ઈન ફૂડ સાયન્સ એન્ડ હોમ ઈકોનોમિક્સના વિદ્યાર્થીઓનો મૂલ્યાંકન રીપોર્ટ મંજૂર કરવા બાબત.
- (8) કોલેજ ઓફ ફૂડ પ્રોસેસીંગ ટેકનોલોજી એન્ડ બાયો-એનર્જીના વિદ્યાર્થીઓનો મૂલ્યાંકન રીપોર્ટ મંજૂર કરવા બાબત.
- (9) જુદાજુદા ડીપ્લોમા ઈન પોલિટેકનીક અભ્યાસક્રમમાં પ્રવેશ મેળવેલ વિદ્યાર્થીઓ માટે પ્રોવીઝનલ સર્ટીફિકેટ, ડીપ્લોમા સર્ટીફિકેટ તેમજ ટ્રાન્સક્રીપ્ટસના નમૂના મંજૂર કરવા બાબત.
- (10) પોલિટેકનીકમાં નોન કેડીટનો 0+1 નો NSS/ PHYSICAL EDUCATION અભ્યાસક્રમ દાખલ કરવા બાબત.
- (11) કૃષિ પોલિટેકનીક, વસો ખાતે વિદ્યાર્થીઓનો પ્રવેશ તેમજ શૈક્ષણિક કાર્ય માટે.
- (12) Regulations for B.Tech. (AIT) course being offered at Faculty of Agricultural Information Technology.
- (13) Approval of course syllabus for B.Tech. (AIT) (1st and 2nd year) under-graduate programme in the Faculty of Agricultural Information Technology.
- (14) Approval of various drafts for testimonials and Fee Structure of B.Tech. (AIT), under graduate programme in the Faculty of Agricultural Information Technology.
- (15) Approval of fee structure for B.Tech. (FPT) degree course under the Faculty of Food Processing Technology and Bio-Energy.
- (16) રમતગમત, સાંસ્કૃતિક પ્રવૃત્તિઓ, સાહસિક પ્રવૃત્તિઓના વિનિયમો મંજૂર કરવા અંગે.
- (17) આણંદ કૃષિ યુનિવર્સિટી વિદ્યાર્થી હોસ્ટેલના નિયમો મંજૂર કરવા અંગે.
- (18) સ્નાતક કક્ષાએ બાબુભાઈ જશભાઈ પટેલ ષષ્ટિપૂર્તિ સ્મૃતિ સુવર્ણચંદ્રક એનાયત કરવાના વિનિયમો મંજૂર કરવા અંગે.
- (19) એમેન્ડમેન્ટ ઈન રીક્રુટમેન્ટ રૂલ્સ ઓફ એમ.બી.એ. ફેકલ્ટી.
- (20) Approval of the revised/corrected credits for B.Tech. (FPT) degree course under the Faculty of Food Processing Technology and Bio-Energy.
- (21) Approval of the revised regulations for B.Tech. (FPT) degree course under the Faculty of Food Processing Technology and Bio-Energy.
- (22) Preparation of merit lists for seeking admission to B.Tech. (D.T.) course at Faculty of Dairy Science, Anand.
- (23) Approval of the proforma of provisional

Chapter 2 : Functioning of Authorities

degree certificate, transcript and the degree certificate for B.Tech. (FPT) degree course under the Faculty of Food Processing Technology and Bio-Energy.

- (24) Implementation of Common Academic Regulations (ICAR) Post Graduate Regulations for Post Graduate (Master and Doctoral) studies as per ICAR recommendations in the University.
- (25) Implementation of Post Graduate Curricula & Syllabi for Post Graduate (Master and Doctoral) studies as per ICAR recommendations in the University.
- (26) Introduction of P.G. Programme viz. M.Sc. (Agricultural Journalism), M.Sc. (Agricultural Marketing) and M.Sc. (Agricultural Insurance) in regular face to face mode.”
- (27) Approval of Regulations for M.Sc. (Agricultural Journalism), M.Sc. (Agricultural Marketing) and M.Sc. (Agricultural Insurance) through Distance Mode.”

23rd Meeting of Academic Council held on 06-10-2010

- (1) Confirmation of the Minutes of 22nd

Meeting of Academic Council held on 10-05-2010.

- (2) Report of the Action Taken on the Minutes of 22nd Meeting of the Academic Council held on 10-05-2010.
- (3) આણંદ કૃષિ યુનિવર્સિટી, આણંદ હસ્તકની તમામ વિદ્યાશાખાની કોલેજોની લેડીઝ હોસ્ટેલ માટે હોસ્ટેલ વોર્ડનની જગ્યાઓ મંજૂર કરવા બાબત.
- (4) આણંદ કૃષિ યુનિવર્સિટી વિદ્યાર્થી શિસ્તના નિયમો મંજૂર કરવા અંગે.
- (5) વિદ્યાર્થીઓ માટે વિદ્યાર્થી પ્રતિનિધિ મંડળના નિયમ અને બંધારણના વિનિયમો મંજૂર કરવા બાબત.
- (6) સ્નાતક કક્ષા તથા અનુસ્નાતક કક્ષાના અભ્યાસક્રમોમાં પ્રવેશ મેળવતા વિદ્યાર્થીઓને ફીની રકમ પરત કરવા બાબત.
- (7) પોલીટેકનીક ડિપ્લોમા અભ્યાસક્રમોમાં પ્રવેશ રદ કરાવતાં વિદ્યાર્થીઓને ફી ની રકમ પરત કરવા બાબત.
- (8) સ્નાતક કક્ષાના અભ્યાસક્રમોમાં ૧૦ % સીટોનો વધારો કરવા બાબત.
- (9) કૃષિ અને સંલગ્ન વિજ્ઞાન કોલેજમાં લઘુત્તમ શૈક્ષણિક લાયકાત (કેટેગરી વાઈઝ) સુધારવા બાબત.
- (10) પોલીટેકનીક ડિપ્લોમા અભ્યાસક્રમોમાં ૧૦

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સીટોનો વધારો કરવા બાબત.

- (11) સ્નાતક કક્ષાના વેટરનરી વિદ્યાશાખાના વિદ્યાર્થીને “IXth ISVPT-Anand Medal in Veterinary Pharmacology & Toxicology” નું દાન સ્વીકારવા બાબત.
- (12) Restructure in no. of regular seats for MBA-IAB degree admission.
- (13) Test fee for Thalassemia માં એકસુત્રતા જાળવવા બાબત.
- (14) ગુજરાતની કૃષિ યુનિવર્સિટીઓમાં અભ્યાસક્રમોનો પોલીટેકનીક/સ્નાતક/અનુસ્નાતક કક્ષાનાં વર્ષ ૨૦૧૦-૧૧ની કેન્દ્રિય પ્રવેશની કામગીરી આણંદ કૃષિ યુનિવર્સિટીનો અહેવાલ.
- (15) Approval of performa of certificates and testimonials for M.B.A. (IAB) Degree course of International Agribusiness Management Institute.

24th Meeting of Academic Council held on 30-12-2010

- (1) Confirmation of the Minutes of 23rd Meeting of Academic Council held on 06-10-2010.
- (2) Report of the Action Taken on the Minutes of 23rd Meeting of the Academic Council held on 06-10-2010.

- (3) અનુસૂચિત જાતિ તથા અનુસૂચિત જનજાતિના ઉમેદવારોને મદદનીશ પ્રાધ્યાપકની જગ્યા માટેના ભરતી નિયમોમાં પ્રથમ ડીગ્રીમાં છૂટછાટ આપવા અંગે.
- (4) નેટ (NET)માં આપેલ છૂટછાટ રદ કરવા અંગે.
- (5) ફુડ પ્રોસેસીંગ ટેકનોલોજી એન્ડ બાયો એનર્જી ફેકલ્ટી તથા એગ્રી. બીઝનેસ મેનેજમેન્ટ ફેકલ્ટીમાં સહપ્રાધ્યાપક તથા પ્રાધ્યાપક સંવર્ગમાં પીએચ.ડી. ની લાયકાતમાં આપેલ છૂટછાટ રદ કરવા અંગે.
- (6) Modification in existing B.Tech. (D.T.) Rules & Regulations.
- (7) Revision in remuneration for visiting lecturer (U.G. and P.G. programme), Moderation of Question Paper and Answer Book evaluation for B.Tech. (D.T.) course.
- (8) ડૉ. બી.પી.પંડ્યા રોકડ ઈનામ "સ્નાતક કક્ષાએ વેટરનરી વિદ્યાશાખાના વિદ્યાર્થીને એનીમલ ન્યુટ્રીશીયન વિષયમાં એનાયત કરવા અને તેના વિનિયમો મંજૂર કરવા બાબત.
- (9) પ્રમાણપત્ર અભ્યાસક્રમોના કોર્ષના નામને "આકર્ષક નામાભિધાન" આપવા બાબત.
- (10) પોલીટેકનિકના વિદ્યાર્થીઓને સ્ટાઈપન્ડ આપવા બાબતે.
- (11) Five years integrated B.Tech. (D.T.)

Chapter 2 : Functioning of Authorities

programme leading to Post-graduate Diploma in Dairy Management.

25th Meeting of Academic Council held on 03-02-2011

- (1) Approval of list of eligible candidates for award of degrees at the 7th Annual Convocation.
- (2) આણંદ કૃષિ યુનિવર્સિટીના અનુસ્નાતક કક્ષાના વિદ્યાર્થીઓને સને ૨૦૦૮-૨૦૧૦ના વર્ષ માટે "કુલાધિપતિ સુવર્ણચંદ્રક" મંજૂર કરવા બાબત.
- (3) આણંદ કૃષિ યુનિવર્સિટીના સ્નાતક કક્ષાના વિદ્યાર્થીઓને સને ૨૦૦૮-૨૦૧૦ના વર્ષ માટે "કુલપતિ સુવર્ણચંદ્રક" મંજૂર કરવા બાબત.
- (4) દાતાશ્રીઓના દાનના વ્યાજમાંથી સુવર્ણચંદ્રકો, ચંદ્રકો અને રોકડ ઈનામ મંજૂર કરવા બાબત.

26th Meeting of Academic Council held on 14-03-2011

- (1) Confirmation of the Minutes of 24th Meeting of Academic Council held on 30-12-2010.
- (2) Report of the Action Taken on the Minutes of 24th Meeting of the Academic Council held on 30-12-2010.
- (3) Confirmation of the Minutes of 25th Meeting of Academic Council held on 03-02-2011.
- (4) Report of the Action Taken on the Minutes

of 25th Meeting of the Academic Council held on 03-02-2011.

- (5) ગોલ્ડ મેડલ/મેડલ પ્રસ્થાપિત/એનાયત કરવાના દાનની રકમનું ધોરણ નક્કી કરવા બાબત.
- (6) તા.૨૬/૧૧/૨૦૧૦ના રોજની જાહેરાત ક્રમાંક: ૧/૨૦૧૦ના અનુસંધાનમાં શિક્ષક સંવર્ગમાં નિમણૂક અંગે પસંદગી સમિતિની ભલામણો મંજૂર કરવા બાબત.

Faculties

Faculties provided in the Section 23 of the Act are the authorities within the University. The following faculties in the University are constituted:

- Faculty of Post Graduate Studies
- Faculty of Agriculture
- Faculty of Dairy Science
- Faculty of Veterinary Science & Animal Husbandry
- Faculty of Food Processing Technology & Bio energy
- Faculty of Agricultural Engineering
- Faculty of Agricultural Information Technology

The constitution of faculty is given in Appendix-4

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Faculties consider all administrative and academic matters pertaining to respective faculties and make recommendations to the Academic Council. The faculty either initiates the matters on its own or receives recommendations of the board of studies of group of subjects of the respective faculty.

Board of Studies

As provided in Section 24 of the GAU Act 2004, Anand Agricultural University has constituted the Board of Studies for different group of subjects.

Sr. No.	Name of Board of Studies
Faculty of Agriculture	
1	Board of Studies of the subject of Crop Production
2	Board of Studies of the subject of Plant Science
3	Board of Studies of the subject of Plant Protection
4	Board of Studies of the Basic and Social Science subjects
Faculty of Dairy Science	
1	Board of Studies of the subject of Dairy Technology
2	Board of Studies of Basic subjects of Dairy Science Faculty
3	Board of Studies of Dairy Business Management
Faculty of Veterinary	
1	Board of Studies of the Basic Subjects of Veterinary Faculty
2	Board of Studies of the Pre-clinical subjects of Veterinary Faculty
3	Board of Studies of the Clinical subjects of Veterinary Faculty.
4	Board of Studies of the subjects of Animal Production
Food of Processing Technology and Bio-Energy	
1	Board of Studies of subjects of Post Harvest Engineering and Technology.
2	Board of Studies of subjects of Food Science, Nutrition, Food Processing and Business Management.
3	Board of Studies of subjects of Agricultural, Horticultural, Livestock and Aqua-cultural Produce Processing and Food Engineering, Agricultural Engineering & Technology.
4	Board of Studies of subjects of Bio-Energy.

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Agricultural Information Technology	
1	Board of Studies of subjects of Agricultural Information Technology.
Faculty of International Agri-Business Management	
1	Board of Studies of subject of Agri-Business Economic & Finance.
2	Board of Studies of subject of Marketing Management & Production Management.
3	Board of Studies of subject of HRD & Personnel Management.
4	Board of Studies of subject of Communication IT & Project Management.
Faculty of Agril. Engineering and Technology	
1	Board of Studies of subject of Soil & Water Conservation Engineering
2	Board of Studies of subject of Farm Machinery & Power
3	Board of Studies of subject of Agril. Process & Engineering
4	Board of Studies of subject of Renewable Energy
Faculty of Post-Graduate Studies	
1	Board of Studies of Faculty of Post Graduate Studies.

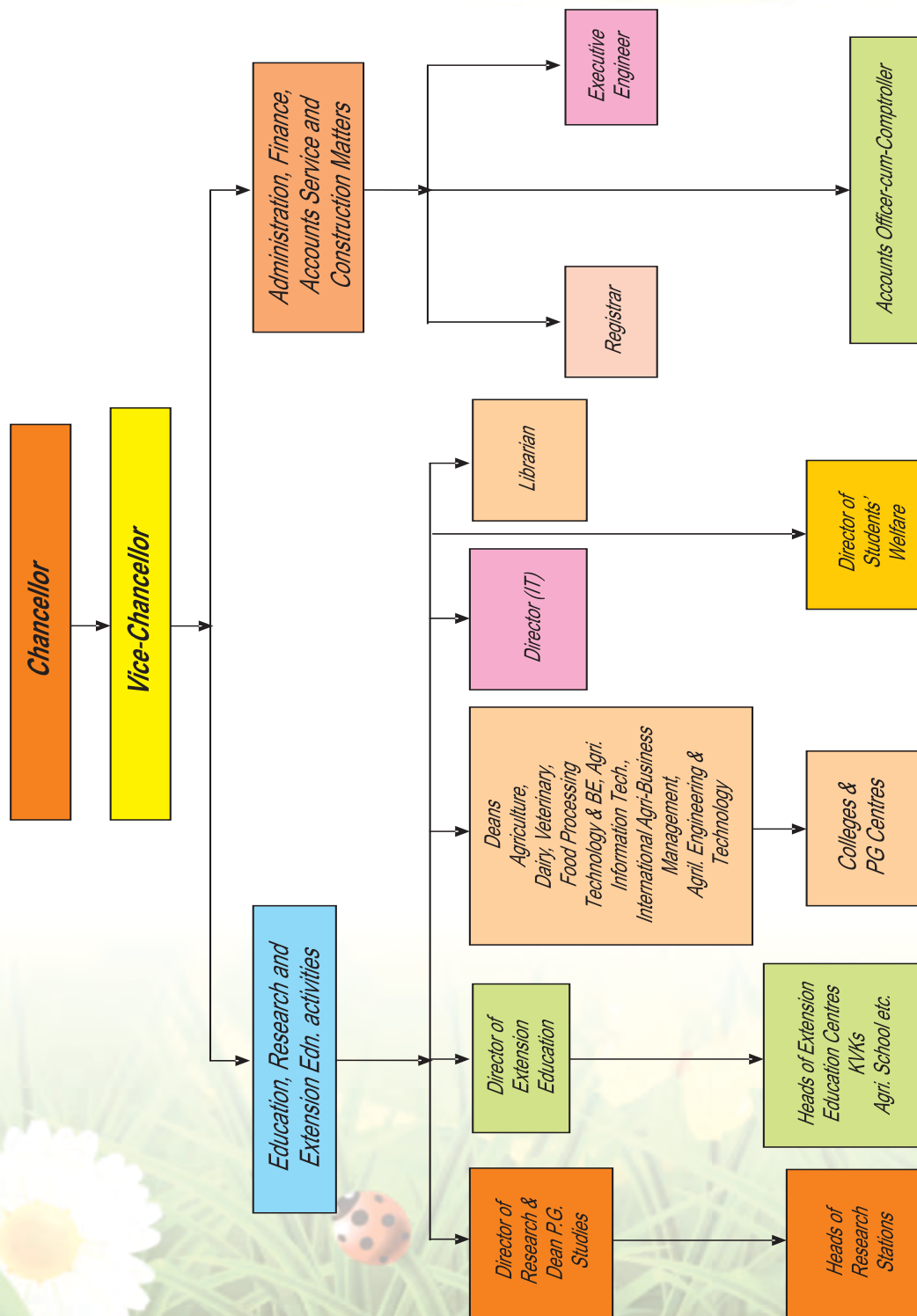
The Board of Studies of all faculties specially considered the following five items:

- 1 Scrutiny of application for recognition of teachers as Ph.D. guide.
- 2 List of experts in the subjects dealt with by that Board of Studies.
- 3 List of examiners from the field of subjects
- 4 Research Problems to be given to the students for M.Sc. /Ph.D. thesis
- 5 Evaluation of examination results of all semesters and their analysis.

The Constitution of Board of studies is given in Appendix-5.

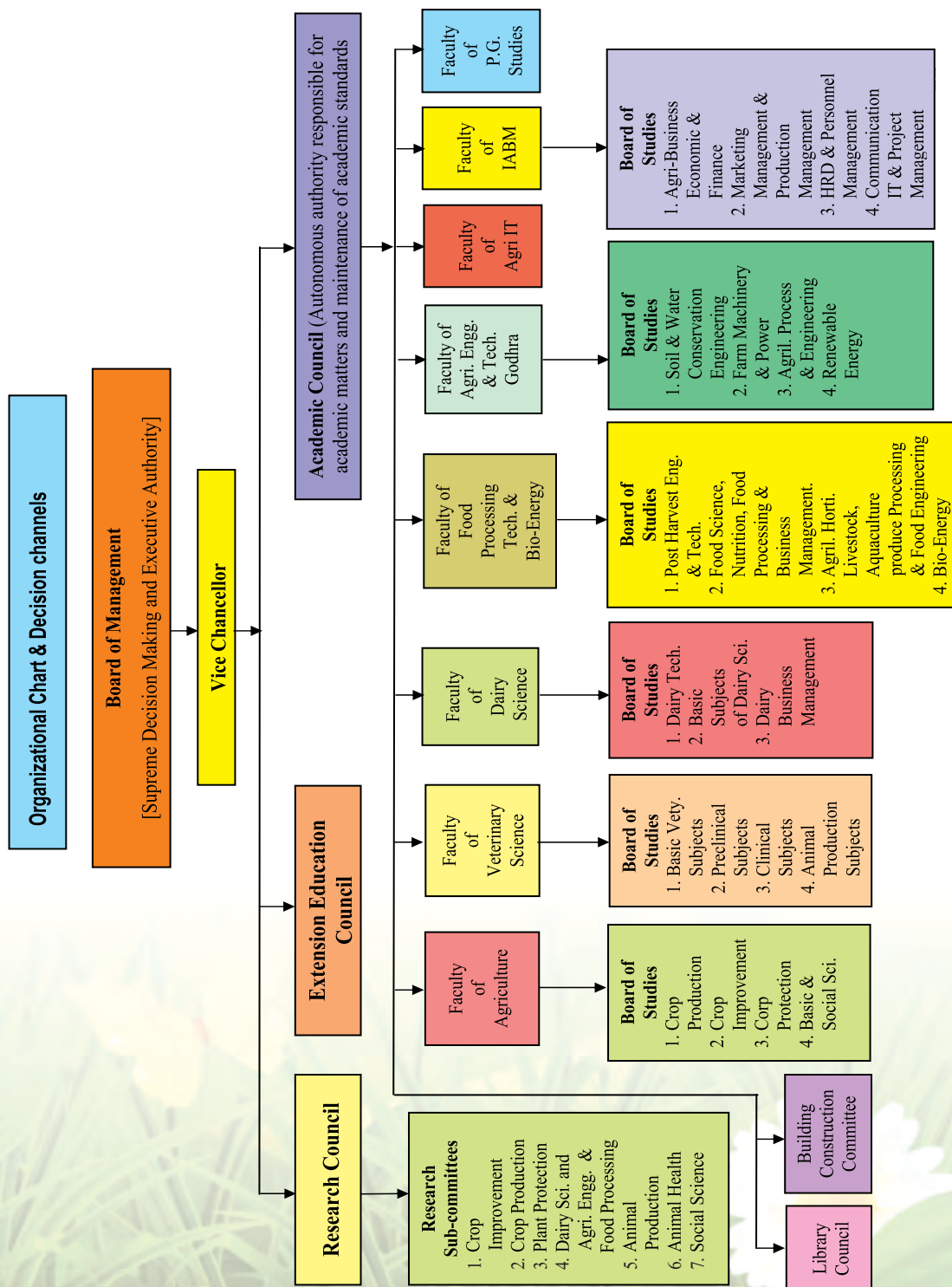
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Chart-1
ORGANIZATIONAL SET-UP



Chapter 2 : Functioning of Authorities

Chart-2





B. A. College of Agriculture, Anand



CHAPTER-3

THE VICE CHANCELLOR – RIPPLES IN THE OCEAN

The Vice-Chancellor is the principal executive and academic officer of the University. He is ex-officio Chairman of the Board of Management and Academic Council. The Vice-Chancellor visualizes the direction of growth and development, exercises general control over the affairs of the University and is responsible for the maintenance of the discipline in the university. Vice-Chancellor gives effects to the order to the Board of Management regarding appointment, dismissal, suspension of the officers, teachers and employees of the University.

Dr. A. M. Shekh, a renowned Agro Meteorologist took over as the second Vice-Chancellor on 15-04-2011 and continued to be Vice-Chancellor of the University during the year under report. Dr. A. M. Shekh has taken the University to a new height.

As the second Vice-Chancellor of the Anand Agricultural University, Dr. A.M. Shekh followed the authorities like Academic Council, Faculties, Board of Studies of different groups of subjects, Research Council, Extension Council constituted

by the first Vice Chancellor, Prof. M.C. Varshneya and made them effectively functional. He also completed the task of drafting Statutes of the University and with the approval of the Board of Management sent it to the Government for the approval.

The Government of Gujarat has assigned him special responsibilities as Nodal Officer of all the four agricultural Universities of Gujarat of administrative and academic matters concerning the state agricultural universities. The Major contributions of Dr. A.M. Shekh as Vice Chancellor are as follows:

- Organized 6th Krushi Mahotsav of one month duration in all six districts of Middle Gujarat and about more than one lakh farmers were guided through events. Further, Mega event of Hon. Chief Minister was organized at Godhra during 20-22, May 2011 in which about 75000 farmers were benefited through exhibition organized.
- Horse show events were organized at

Chapter 3 : The Vice Chancellor - Ripples in the Ocean

Veterinary College, AAU, Anand.

- Provided dynamic leadership to AAU Scientific Community having 7 colleges with different faculties, 5 polytechnics, 27 research stations, 16 extension centres including three KVKs under University and three KVKs with NGO's.
- During the year under report 24 teachers and 28 supporting/technical staff were appointed through systematic recruitment procedure.
- Signed five MoUs for collaborative research with foreign Universities

The leadership role played by Dr. A.M. Shekh has made excellent impact. The efforts have resulted in –

- Gujarat Farmers are now aware about health of their soil resultant effect is balanced use of inputs.
- Teaching and Agricultural Education has been given impetus in the State as evident from large numbers of applications received for admission in all faculties and higher percentage of cut off marks compared to GAU regime.
- The Research and Extension activities of university are streamlined.
- Streamlined admission and examination, reducing delay.

National and State level Representation of the Vice Chancellor

Dr. A.M. Shekh has been nominated / appointed on the various State Level and National Level Committees by the competent authorities, which are given below:

- Member- Gujarat State Biotechnology Mission, Gandhinagar
- Invitee Member – Gujarat Agro Industries Corporation, Ahmedabad

ACTIVITIES OF NODAL OFFICER

Administrative Matters

Dr. A.M. Shekh as a Nodal Officer of the four agricultural Universities of Gujarat has vigorously pursued various pending problems of the staff and solved problems related to pay commission, transfer, promotion etc.

As the Nodal Officer, he has been providing constant guidance in the matter of academic and personnel/management and has solved many problems with innovative approaches.

Academic and Examination Matters

As the Nodal Officer for Academic and Examination matters Dr. A. M. Shekh successfully organized tedious and tiresome exercise of central admission at UG and PG level for four SAUs of Gujarat. As Nodal Officer,

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he convened meetings of Registrars and Deans of four SAUs and conducted examinations and paper evaluation exercise for centralized

admissions. The details of the students admitted in four SAUs during 2010-11 are given below:

STUDENTS ADMITTED DURING 2010-11

Degree	No. of students admitted in SAUs			
	Anand	Junagadh	Navsari	Sardar Krushi Nagar
Under Graduate				
B.Sc. (Agri)	114	93	88	84
B.V.Sc. & A.H.	81	30	42	38
B.Tech (DT)	60	-	-	-
B.Tech (AET)	34	55	-	-
B.Tech (AIT)	34	-	-	-
B.Tech.(FPT)	35	-	-	-
Post Graduate				
M.V.Sc.	84	07	22	57
Ph.D (Veterinary)	08	00	01	05
M.Sc.(Agri.)/M.Sc.	100	73	57	83
Ph.D (Agri.)	29	12	24	22
M.Sc.(D.T.)/M.Tech(Dairy)	13	-	-	-
Ph.D. (Dairy)	02	-	-	-
M.Tech (FPT)	07	-	-	-
Ph.D (FPT)	01	-	-	-
IABM	19	-	-	-
M.Sc.(Horti)	11	-	-	-
PG Diploma	03	-	-	-

POLYTECHNIC LEVEL (2010-11)

Diploma	No. of students admitted in SAUs			
	ANAND	JUNAGADH	NAVSARI	SARDAR KRUSHINAGAR
Diploma in Agri, Anand	35	35	35	35
Diploma in Agri, Vaso	35	35	35	35
Diploma in Horti	35	35	35	35
Diploma in Agri.Engg	35	35	35	35
Diploma in Nutri & Diet.	35	35	35	35

Chapter 3 : The Vice Chancellor - Ripples in the Ocean

University Administration

Dr. A.M. Shekh has provided direction and pace to the university through participative management and committee approaches. During the year under report, 12 meetings of different authorities, important committees and councils have been organized under his Chairmanship, wherein he actively participated/guided and motivated the personnel of the university and setup new standards in all spheres of activities and programmes. Due to his efforts the academic sessions are regularized. Sixth annual convocation was organized.

Under the dynamic leadership of Dr. A. M. Shekh as Vice-Chancellor 69 new research projects to the tune of ₹ 1242. 89 lakh have been sanctioned during the year under report by various agencies like Government of India, Government of Gujarat, Overseas and other agencies.

Seminars and Meetings

During the year under report Dr. A.M. Shekh attended various seminars and meetings and presented papers. The details are as under:

- Attended Vice Chancellor's meeting held at New Delhi on 3-4 October, 2010.
- Attended Gujarat State Biotechnology Mission (GSBTM) Technical Advisory

meeting on 7th October, 2010 at Gandhinagar.

- Attended Restructuring meeting of EEI's at Secretary A&C, Government of India on 9th October, 2010 at New Delhi.
- Attended 21st ICAR Regional Committee meeting on 20-22 October, 2010 at Bikaner.
- Attended IAUA Vice Chancellor's convention and National Symposium on Tribal Area Development during 6-8 December, 2010 at Bhubaneshwar.
- Attended 5th National Conference of KVK held at MPUA&T, Udaipur on 22nd December, 2010.
- Attended Vice Chancellor's conference on 20-22 February, 2011 at New Delhi.
- Attended two days National Conference on Food Security and to deliver a presentation on Climate change held on 25-26 February, 2011 at Ahmedabad Management Association Hall, Ahmedabad.
- Attended Technical Advisory Committee meeting of GSBTM on 9th March, 2011 at Gandhinagar.
- Attended Swarnim Seminar on Water for Inclusive Growth held on 22nd March, 2011 at Pandit Deendayal Petroleum University, Gandhinagar.



CHAPTER-4

HUMAN RESOURCE (HR) ACTIVITIES

Nature makes man we make gentleman

Human Resource Development at Anand Agricultural University (AAU) enjoys top priority. The changing global scenario demands traditional research be sharpened based on market driven economy. Therefore, AAU scientists are encouraged to update their knowledge and improve their skills. Need of the day is the search for newer technologies with cutting edge research so that new generation young farmers and women are imparted instructions regarding it.

HR Crisis

Agricultural Universities are mainly working on three aspects i.e. teaching, research and extension. Teaching imparts knowledge, research provides wisdom, which ultimately leads to strengthening of extension activities in agriculture sector. Manpower at University is broadly divided into two parts i.e. technical and non-technical. Technical manpower includes staff involved in teaching and research. They are positioned as Professor, Associate Professor, Assistant Professor, Research Scientist, Associate

Research Scientist, Assistant Research Scientist, etc. Non-Technical personnel are concerned with administrative and allied activities.

Anand Agricultural University was formed from erstwhile Gujarat Agricultural University during May 2004, with total sanctioned staff of 1979 with three colleges for Under Graduate & Post Graduate programme and 4 Diploma schools for imparting agricultural and allied science education. 1685 posts were filled out of 1979 posts, leaving 294 posts vacant. 765 personals out of total staff were engaged in purely technical activities including teaching, research and extension activities at the University. Technical personnel included the staff at the main campus as well as 16 research stations, who carried different activities like crop improvement, crop protection, live stock management & improvement practices etc. at their domain of work. Our researches have not only revealed excellence in agriculture but also other allied sectors like dairy science, veterinary, engineering etc.



Chapter 4 : Human Resource (Hr) Activities

Presently, Anand Agricultural University has total 2268 sanctioned posts, out of which 1423 are filled and remaining 845 posts are vacant. Increase in numbers of post are due to the newly introduced faculties like Agricultural Information Technology, Food Processing Technology & Bio-Energy, Agricultural Engineering, P.G. courses of M.B.A. (International Agri-Business) and M.Tech. in Food Processing Technology.

Traditional Diploma courses have been transformed into Polytechnic Diploma courses in subjects like Agriculture, Horticulture, Food science & Nutrition and Agricultural Engineering. New research stations are also on the track after being established as a sole university. During 2010-11 only 435 personnel were engaged in the teaching, research and extension activities, which mean a shortfall of 203 personnel as against the sanctioned post. There is a strong challenge to overcome the huge shortage of 203 employees as university is growing with full pace.

This challenge can be overcome up to some extent by optimal utilization of human resource at all levels within the university. Clear understanding of vision and mission of the university as well as awareness of the core purpose of its existence can boost it further support from Government by sanction of

additional manpower and infrastructure. All these factors combined will help change the attitude of the employees towards their work and impart better understanding of significance of their involvement and commitment in the overall growth of university, state and country as a whole.

The stumbling blockade of vacant technical/non-technical posts has been resolved up to certain extent by obtaining sanction from the Government to fill up the posts on year to year quota basis. Pending promotions of staff members were executed. Direct recruitment of various posts were also carried out. Optimal productivity utilization of human resource can only be possible if we believe in the statement – “Right person at right place & right time”. This can only be possible through regular training and mechanism of timely update of productivity of employees in the university.

It is believed that productivity of employees will increase if they show zest and fervor to work which will only come if they do what they know and like. Traditional ways of working should be transformed into technology oriented working. Technology will not only offer accuracy and productivity but also boost promptness to work. Decentralization of power & authority is equally important to increase the output in a qualitative way. Empowerment

Chapter 4 : Human Resource (Hr) Activities

provides the inherent quality of decision making & increases confidence. Introduction of new technology like computer with ERP software will make work faster, reliable & store data for a longer time.

AAU organizes various programmes and activities to expand wings of knowledge of its scientists and the staff.

During the year under report following programmes / trainings / workshops / seminars are organized or were attended by the

University scientists.

Conference

- ❖ Zonal Conference (West Zone) on “Current status of Molecular Plant Pathology and Plant Disease Management” on 13th December, 2010 organized by Department of Plant Pathology, B. A. College of Agriculture, A.A.U., Anand and “Indian Phytopathological Society” New Delhi.

Training/Winter School

Sr. No.	Date	Training Title	Organized by
1	7 April 2010	PPV & FR	Regional Research Station, Anand
2	26- 30 April 2010	Technology of novel functional probiotic and symbiotic dairy products	SMC College of Dairy Science, Anand
3	26- 29 April 2010	“ Soil Analysis” for the staff of Soil Testing Laboratory of Samir Tech Chem Pvt.Ltd., Vadodara under Soil Health Card Programme	Dept. of Agril. Chemistry, BACA, Anand
4	13 -20 Sept. 2010	Hi-tech nursery management for Horticultural crops	Dept. of Horticulture, BACA, Anand
5	14-15 Sept. 2010	Plant protection in horticultural crops for progressive farmers of Vadodara district under National Horticulture Mission project	Biocontrol Research Laboratory, Anand
6	15 -24 Sept. 2010	Refresher Training for state Veterinarians on “Gynecological Aspects including Sonography & AI Techniques under “ASCAD”	College of Vety, Sci. and AH, Anand
7	23 Sept. 2010	One Day Training Programme of Technical staff of APMCs	Dept. of Agril. Economics, BACA, Anand
8	28-29 Sept. 2010	Plant protection in horticultural crops for progressive farmers of Anand district under National Horticulture Mission project	Bio-control Research Laboratory, Anand
9	12-13 Oct. 2010	Quality Seed Production in Paddy	Regional Research Station, Anand
10	15 Oct. 2010	One Day Training Programme of Progressive farmers of Boriavi village	Dept. of Agril. Economics, BACA, Anand

Chapter 4 : Human Resource (Hr) Activities

Sr. No.	Date	Training Title	Organized by
11	15 Nov. to 5 Dec. 2010	Value added Probiotic, prebiotic and symbiotic foods	SMC College of Dairy Science, Anand
12	22 Nov. to 12 Dec. 2010	Winter school on Detection, molecular characterization, implications and management of plant pathogens	Dept. of Plant Pathology, BACA, Anand
13	18 Dec. 2010	Mahila Talim "Shakbhaji Pakoni Tajagnta" collaboration with SEWA, Ahmedabad	Main Vegetable Research Station, Anand
14	21-22 Dec. 2010	Quality Seed Production in Pulses	Regional Research Station, Anand
15	27-28 Dec. 2010	Plant protection in horticultural crops for progressive farmers of Kheda district under National Horticulture Mission project	Biocontrol Research Laboratory, Anand
16	4 Jan. 2011	One Day Training Programme of Technical staff of KVKs	Dept. of Agril. Economics, BACA, Anand
17	25 Jan. 2011	Quality Seed Production in Forage Crops	Regional Research Station, Anand
18	29 Jan. 2011	One Day Training Programme of Progressive farmers of Middle Gujarat interested in Export of Agri. produce	Dept. of Agril. Economics, BACA, Anand
19	21 Feb. to 2 March 2011	Ascard training on Public Private Partnership	Dept. of LPM, College of Vety, Sci. and AH, Anand
20	24-25 Feb. 2011	Quality Seed Production in Wheat	Regional Research Station, Anand
21	24-25 Feb. 2011	Diseases caused by Nematodes and their management	State Agriculture Management and Extension Training Institute, Gandhinagar & Dept. of Nematology, BACA, Anand
22	16 March - 2011	Quality Seed Production in Forage Crops (Sabar Dairy)	Regional Research Station, Anand
23	23-24 March-2011	Shakbhaji Masala Pakoni Talim Sponsored by National Horticulture Mission	Main Vegetable Research Station, Anand

Workshop

- ❖ Dept. of Vety. Microbiology, Veterinary College, Anand conducted 7th Annual Scientist Meet on AINP-HS during 24-25 May, 2010.
- ❖ Under integrated Agromet Advisory

Service, Agromet Service Cell, IMD, New Delhi organized 5-days workshop at Department of Agricultural Meteorology, Anand Agricultural university Anand for Technical Officers of 8 AMFU centres (Anand, Arnej, Junagarh, Targhadia, Navsari, Maktampur,



Chapter 4 : Human Resource (Hr) Activities

Dantiwada and Bhachau) on “Use of crop simulation model to develop application tools for decision making in agro-advisory” from 19-24 July, 2010 with aim of the dynamic crop model based approach in farm decision-making can be incorporated for developing information on real-time weather dependent agro-meteorological advisories disseminated to farmers.

- ❖ The Annual Workshop of ICAR Network Project on Climate Change entitled “Impact, Adaptation and Vulnerability of Indian Agriculture to Climate Change” was held at AAU, Anand during 21-23 September, 2010.
- ❖ A State level workshop on “Importance of Specialty Fertilizers in Increasing production of Horticultural Crops in Gujarat State” was organized by Anand Chapter of Indian Society of Soil Science, Anand Agricultural University, Anand & Gujarat Bagayat Vikas Parishad, Anand during 4-5 March, 2011.

Group Meeting

- A 45th Annual Rice Group Meetings was organized at Anand Agricultural University, Anand during 4-6th April, 2010, on the occasion of Golden Jubilee

year of the Gujarat State. Four hundred scientists working on rice research from rice growing states of all over the country as well as IRRI, Philippine attended the meeting. On 3 April, 2010 there was a pre-workshop group meeting of individual disciplines.

- Regional Research Station, Anand has organized Annual Research Workers’ Group Meeting of AICRP on Castor from 13-15 May, 2010.
- DBT Task Force Meeting was organized during March, 2011.

Others

- Farmers awareness programme on climate change organized by department of Agril. Meteorology, BACA, Anand at Navali on 11 May, 2010 and at KVK Mangal Bharati on 25 Feb., 2011 under Swarnim Gujarat programme.
- The parthenium awareness week was celebrated by Weed Control Project during August, 2010 with great success and grandeur in collaboration with Directorate of Weed Science Research, ICAR, Jabalpur.
- Major Horse Show 2010-11 was organized on 2-4 Jan., 2011.
- The farmer’s awareness programme

Chapter 4 : Human Resource (Hr) Activities

was organized by Department of Agril. Meteorology under Agro advisory Service project on 15 March, 2011 at Jhankhla village of Anand district. 125 farmers (112 men and 13 women) participated

in the programme and the topic covered weather forecast and agro advisory service and Effect of weather element in crop production.

Managerial Training From 01/04/2010 to 31/03/2011

Sr. No.	Name of Training	Place	Duration period	Total participants
1	Application of Remote sensing & GIS in Water Resources management	Dehradun	3/5/2010 to 25/6/2010	01
2	12 th Training Programme for Enabling administrative personal of S & T Department of Government of India	New Delhi	19/7/2010 to 6/8/2010	01
3	Administrative & Establishment Rules	New Delhi	19/8/2010 to 21/8/2010	06
4	Training Programme on Entrepreneurship promote on of land Based skills	Hyderabad	13/8/2010 to 18/8/2010	02
5	Training Programme on Human Development (GOI)	SPIPA, Ahmedabad	27/1/2011 to 29/1/2011	01
6	Crop Micrometeorology	Pune	2/2/2011 to 22/2/ 2011	02

Human Resource

The staff position as on 31-03-2011 in the Anand Agricultural University is given as under:

Chapter 4 : Human Resource (Hr) Activities

Staff Position as on 31-03-2011

Sr. No.	Cadres		Sanctioned post	Filled up Posts	Vacant posts
1	University Officers				
	A	Vice-Chancellor	1	0	1
	B	Director of Research	1	0	1
	C	Registrar	1	0	1
	D	Director of Extension Education	1	1	0
	E	Account Officer-cum- Comptroller	1	1	0
	F	Director (I.T.)	1	0	1
	G	Director, Students' Welfare	1	0	1
	H	University Librarian	0	0	0
	Total		7	2	5
2	Teaching / Research / Extension:				
	A	Principal	7	4	3
	B	Associate Director of Research	2	2	0
	C	Asso. Director of Extension Education	1	0	1
	D	Professor & equivalent	74	43	31
	E	Associate Professor & equivalent	198	120	78
	F	Asstt. Professor & equivalent	347	260	87
	G	Asstt. Librarian	1	1	0
	H	Physical Instructor	2	1	1
	I	Farm Manager	4	2	2
	J	Asstt. Farm Manager	2	2	0
	Total		638	435	203
3	Administration - Class-I				
	A	Assistant Registrar	2	1	1
	B	Adm-cum-Accounts Officer	1	0	1
	C	Legal Officer	0	0	0
	Total		3	1	2

Chapter 4 : Human Resource (Hr) Activities

Sr. No.	Cadres		Sanctioned post	Filled up Posts	Vacant posts
4	Non Technical Class-I				
	A	A Executive Engineer	1	1	0
	B	B Deputy Engineer	2	1	1
	V	C Medical Officer	1	0	1
	Total		4	2	2
5	Administration - Class-II				
	A	Accounts Officer (Cash)	1	1	0
	B	Accounts Officer (P.F/ Cash)	1	1	0
	C	Assistant Adm. Officer	7	6	1
	D	Audit Officer	1	0	1
	Total		10	8	2
6	Adm- Class -III				
	A	Office Supdt	28	13	15
	B	Head Clerk	22	11	11
	C	Senior Clerk	105	76	29
	D	Junior Clerk	156	110	46
	Total		311	210	101
7	Technical Class -III				
	A	A Agril Officer / S.R.A. (Agri) & equivalent	128	30	98
	B	B Programme Assistant	9	2	7
	C	C Veterinary Officer & equivalent	15	2	13
	D	D S.R.A. (Agri. Engg)	12	6	6
	E	E S.R.A. (Dairy)/ Dairy Supervisor	17	1	16
	F	F Agril Supervisor & equivalent	54	12	42
	G	G Agril Asstt. & equivalent	177	155	22
	Total		412	208	204
8	Non Technical – Class- III				
	A	Steno Grade – I	3	0	3
	B	Steno Grade – II	15	11	4
	C	Steno Grade –III	11	2	9
	D	Lab Technician & equivalent	86	46	40
	E	Driver	57	39	18
	F	Tractor Driver	21	13	8
	G	Stockman / Live Stock Assistant	12	4	8
	Total		205	115	90

Chapter 4 : Human Resource (Hr) Activities

Sr. No.	Cadres	Sanctioned post	Filled up Posts	Vacant posts
9	Isolated Cadres (Details given below)	80	47	33
	Total	80	47	33
10	Class – IV Cadres (Regular)	336	197	139
	Total	336	197	139
11	Posts Created as per Supreme Court directives.			
	Class – III (Jr. Clerk / Agril Asstt./Driver/ Tractor Driver)	15	13	2
	Class - IV	247	185	62
	Total	262	198	64
	Grand Total	2268	1423	845
Details of Isolated Cadres (as mentioned at Sr.No.9 above):				
1	Blacksmith	2	2	0
2	Carpenter	2	2	0
3	Compounder	2	2	0
4	Junior Mechanic-cum-wiremen	1	1	0
5	Mechanic/Sr. Mechanic / Jr. Mechanic	5	4	1
6	Boiler Attendant	3	1	2
7	Compressor Attendant	2	2	0
8	Sanitary Inspector	1	0	1
9	Fitter	2	1	1
10	Bakery Operator	1	1	0
11	Plumber	1	1	0
12	Hatchery Supervisor /Chick Sexer	1	1	0
13	X- ray Technician	2	1	1
14	Qualified midwife	1	0	1
15	Project Operator	2	1	1
16	Electrician	1	0	1
17	Junior Instructor (Bakery)	1	0	1
18	Craft Teacher	2	0	2
19	Balwadi Teacher	1	1	0
20	Shaving Teacher	1	1	0
21	Teaching Assistant	3	1	2

Chapter 4 : Human Resource (Hr) Activities

Sr. No.	Cadres	Sanctioned post	Filled up Posts	Vacant posts
22	Hostel Warden	1	0	1
23	Tracer/Draftsman Tracer	2	2	0
24	Junior Instructor	2	2	0
25	Junior Instructress	1	1	0
26	Assistant Instructor	1	1	0
27	Mechanic-cum-Draftsman	1	1	0
28	Craftsman (Welder, Fitter, Turner, Electrician)	4	4	1
29	Junior Res.Asstt. (Dairy)	1	1	0
30	Draftsman	1	0	1
31	Senior Wireman	1	1	0
32	Junior Wireman	2	1	1
33	Wireman (Electrical)	2	0	2
34	Librarian	1	0	1
35	Artist/ Photographer	1	1	0
36	Artist	1	0	1
37	Statistical Assistant	1	1	0
38	Computer Operator	2	1	1
39	Data Entry cum Disk Librarian	1	1	0
40	Library Assistant	1	1	0
41	Programmer	4	2	2
42	Data Processor	1	0	1
43	Senior Technician	2	1	1
44	Instructor (Baking /Science)	3	0	3
45	Senior Lab Technician (Electronics)	1	0	1
46	Junior Engineer (Civil/Electric)	4	3	1
47	Proof reader	1	0	1
Total		80	47	33

New Appointments

During the year under report, following posts were filled up by direct recruitment/by promotion under various cadres.

Chapter 4 : Human Resource (Hr) Activities

Table 4.1 Appointments during the year (01.04.2010 to 31.03.2011)

Sr. No.	Cadre	Direct Recruitment/ Promotion	Total
1	Executive Engineer	Promotion	01
2	Account Officer(Cash) (Class-II)		01
3	Office Superintendent		09
4	Head Clerk		09
5	Senior Clerk		14
6	Professor and its equivalent	Direct Recruitment	03
7	Asso. Prof. and its equivalent		11
8	Asstt. Prof. and its equivalent		10
9	Senior Res. Assistant (Agri Eng.)		01
10	Agricultural Assistant		03
11	Draft man (Electrician)		01
12	Draft man (Tracer)		01
13	Livestock Inspector		01
14	X- Ray Technician		01
15	Programmer		01
16	Craft Teacher		01
17	Assistant Administrative Officer (Class-II)		02
18	Junior Clerk		16

Retirement

During the year under report, number of persons in Teaching & Non-teaching staffs retired from the University services is given in Table 4.2.

Chapter 4 : Human Resource (Hr) Activities

Table 4.2 Number of persons retired by superannuation/Voluntarily during the year (01.04.2010 to 31.03.2011)

Sr. No.	Cadre	Number of person retired on			
		Retired	Voluntarily	Resignation	Death
1	Professor	4	-	-	-
2	Asso. Professor	9	-	-	-
3	Asstt. Professor	7	-	-	-
4	Agri. Officer	-	-	1	-
5	Agri. Officer	1	-	-	-
6	Agri. Supervisor	3	-	-	-
7	Agri. Assistant	6	-	-	-
8	Agri. Assistant	-	2	-	-
9	Office Superintendent	3	-	-	-
10	Head Clerk	3	-	-	-
11	Senior Clerk	6	-	-	-
12	Junior Clerk	3	-	-	-
13	Junior Clerk	-	-	2	-
14	Junior Clerk	-	1	-	-
15	Junior Clerk	-	-	-	1
16	Lab.Technician	-	-	2	-
17	Lab.Technician	2	-	-	-
18	Lab.Technician	-	1	-	-
19	Driver	2	-	-	-
20	Boiler Attendant	1	-	-	-
21	Steno Grade-1	1	-	-	-
22	Class-4	17	-	-	-
23	Class-4	-	-	-	4

CHAPTER-5

EDUCATION

(1) Admission Procedure (Graduation and Diploma course)

AAU is mainly a residential University and follows Semester system of education. Courses of B.Sc.(Hons.) Agriculture, B. Tech. (Dairy Technology), B. Tech. (Agricultural Engineering), B.Tech. (Agricultural Information Technology), B. Tech. (Food Processing Technology) study are of four years duration, divided into eight semesters, while B.V.Sc. & A.H. course is of five years duration, divided into ten semesters. The medium

of instruction is English. The Universities impart resident instruction for the graduate programmes at their constituent colleges with the eligibility and admission requirements as given in Table 5.1. Under the Semester system of education, all students are compulsorily required to stay in a University hostel, except otherwise permitted. Through online receipt of applications, a common merit list is prepared on the basis of Academic Regulations. Girl students (except girls of NRI/ payments seats) are exempted from tuition and hostel fees.

Table 5.1 Eligibility criteria for admission in various degree programmes

Name of the graduate programme	Category wise minimum % requirement of marks in theory subjects in Physics, Chemistry and Mathematics / Biology of HSSCE examination			
	Category			
	General	SC	ST	SEBC
B.Sc. (Hons.) Agriculture	45	40	35	40
B.V.Sc. & A.H.	50	40	40	40
	Admissions considered on the merit basis of GUJCET only.			
B.Tech. (Dairy Technology)	45	40	40	40
	Admissions considered on the merit basis of 60 % of PCM theory marks and 40 % of PCM GUJCET marks			

Chapter 5 : Education

Name of the graduate programme	Category wise minimum % requirement of marks in theory subjects in Physics, Chemistry and Mathematics / Biology of HSSCE examination			
	Category			
	General	SC	ST	SEBC
B.Tech. (Agricultural Information Technology)	45	40	40	40
B.Tech. (Food Processing Technology)	45	40	40	40
Admissions considered on the merit basis of GUJCET only.				

Students who have passed Secondary University School Certificate Examination with English as compulsory subject are eligible for admission at three years (six semesters) Diploma programme in various subjects run at the Polytechnics of the

The college wise details i.e., number of seats, actual admitted and passed out students for the academic year 2010-11 are given in Table 5.2

Table 5.2 Students intake, admitted and passed out in different graduation programme for academic year 2010-11

Degree & its duration	Name of the College	Admission Capacity			No of students	
		Gen / SC / ST / OBC	NRI / Payment	ICAR / VCI	Admitted	Passed
B.Sc. Hons. (Agri.) 4 years (8 semesters)	B. A. College of Agriculture, Anand	88	20	12	114	75
B.V.Sc. & A.H. 5 years (10 semesters)	College of Vety. Sci. & A. H., Anand.	65	15	08	76	63
B.Tech. (Dairy Tech.) 4 Years (8 Semesters)	Sheth M. C. College of Dairy Science, Anand.	46	15	06	60	48
B.Tech. (AET) 4 years (8 Semesters)	College of Agril. Engineering & Technology, Godhra	33	-	05	33	-
B.Tech. (AIT) 4 years (8 semesters)	College of Agricultural Information Technology, Anand.	33	-	05	34	-
B.Tech. (FPT) 4 years (8 semesters)	Food Processing Technology & Bio-Energy, Anand.	33	-	05	26	-

Chapter 5 : Education

The detail of number of seats and actual admitted & passed out students different polytechnics for the academic year 2010-11 are given in Table 5.3

Table 5.3 Students intake, admitted and passed out in different diploma programme for academic year 2010-11

Name of the Diploma Programme	Name of the polytechnic College	Admission capacity	No of students	
		Gen / SC / ST / OBC	Admitted	Passed
Diploma in Agriculture 3 years	Polytechnic College of Agriculture, Anand	35	35	-
	Polytechnic College of Agriculture, Vaso	35	35	-
Diploma in Agricultural Engineering 3 years	Polytechnic College of Agricultural Engineering, Dahod	35	35	-
Diploma in Food Science & Home Economics. 3 years	Polytechnic College of Food Science & Home Economics, Anand	35	35	-
Diploma in Horticulture. 3 years	Polytechnic College of Horticulture, Vadodara	35	35	-

Admission Procedure (Post Graduate course)

A candidate aspiring to take admission in PG studies should have a graduate degree of the related field with an OGPA of not less than 6.00/10.00. A basic science graduate should have 60% in aggregate as well as in the field in which he/she seeks admission.

Entrance test and personal interview are conducted and admission is given as per the intake capacity.

For admission in International Agri. Business Management Institute, graduates of agriculture and its allied science are eligible. Selection is made on the basis of merit in entrance test, group discussion and interview.

Two academic years (four semesters) are required for the course work, research and thesis preparation and examination leading to the Master's Degree. A minimum period of three academic years (six semesters) is required for the Ph.D. degree .

Chapter 5 : Education

Intake Capacity

Intake capacity for Post Graduate programmes in a particular discipline fixed on the basis of the concerned department's

infrastructure and the experts / recognized teachers available. On the basis of the decision taken by the Academic Council, the intake capacity has been fixed and shown in Table 5.4.

Table 5.4 Intake capacity in different faculty for the year 2010-11

Agricultural Faculty

Sr. No.	Subject	M. Sc. (Agri.)		Ph. D.	Total
		Open / ST / SC / SEBC	ICAR		
1	Agronomy	17	04	03	24
2	Ag. Chem. & Soil Sci.	08	03	03	14
3	Biochemistry	07	02	02	11
4	Pl. Breeding & Genetics	17	04	10	31
5	Agril. Entomology	17	03	10	30
6	Ag. Statistics	04	03	06	13
7	Plant Pathology	11	04	06	21
8	Agril. Economics	03	01	-	04
9	Extension Education	15	03	10	28
10	Plant Physiology & Ecology	02	03	02	07
11	Agril. Meteorology	06	04	04	14
12	Nematology	04	03	02	09
13	Agril. Microbiology	14	01	04	19
14	Plant Biotechnology	07	-	05	12
15	Seed Technology	05	02	-	07
TOTAL		137	40	67	244

Horticulture Faculty

Sr. No.	Subject	M. Sc. (Horti.)		Ph. D.	Total
		Open / ST / SC / SEBC	ICAR		
1	Fruit Science	10	01	03	14
TOTAL		10	01	03	14

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Veterinary Science Faculty

Sr. No.	Subject	M. V. Sc.		Ph. D.	Total
		Open / ST / SC / SEBC	ICAR		
1	Anatomy	07	02	01	10
2	Veterinary Pathology	05	01	02	08
3	Parasitology	05	01	-	06
4	Veterinary Microbiology	04	-	01	05
5	Animal Physiology and Biochemistry	02	02	01	05
6	Livestock Production & Management	03	-	01	04
7	Animal Genetics and Breeding	05	02	02	09
8	Veterinary Surgery	09	02	01	12
9	Veterinary Pharmacology	02	-	01	03
10	Veterinary Obstetrics and Gynaecology	06	02	01	09
11	Veterinary Medicine	09	-	03	12
12	Animal Nutrition	07	02	02	11
13	Veterinary Public Health	02	01	03	06
14	Poultry Science	06	01	01	08
15	Animal Biotechnology	07	02	-	09
TOTAL		79	18	20	117

Dairy Faculty

Sr. No.	Subject	M. Sc. / M.Tech.		Ph. D.	Total
		Open / ST / SC / SEBC	ICAR		
1	Dairy Technology	06	01	03	10
2	Dairy Engineering	05	01	02	08
3	Dairy Microbiology	01	01	01	03
4	Dairy Chemistry	06	01	01	08
TOTAL		18	04	07	29

Food Processing Technology Faculty

Sr. No.	Subject	M.Tech.(FPT)		Ph. D.	Total
		Open / ST / SC / SEBC	ICAR		
1	Food Processing Technology	05	01	03	09
TOTAL		05	01	03	09

Chapter 5 : Education

Agribusiness Management Faculty

Sr. No.	Subject	MBA		Ph. D.	Total
		Open / ST/ SC/ SEBC	ICAR		
1	International Agribusiness	15	04	-	19
TOTAL		15	04	-	19

The student of MBA (International Agribusiness) may be deputed abroad for project work, however travel cost will be borne by the candidates.

Sr. No.	Subject	Anand	
		Master	Doctorate
Horticulture & Forestry			
1	Fruit Science	10	3
	Total	8+2*	2+1*

Sr. No.	Subject	Anand	
		Master	Doctorate
PG Diploma			
1	Agricultural Information Technology (Part Time)	15	00
2	Dairy & Food Quality Assurance	20	00
	Total	35	

Note : 15% seats are reserved for ICAR/GOI candidates

Post-Graduate study centre

There is no separate building or department for the PG programme. The faculties meant for the UG studies teaches in their respective subjects.

(2) Nodal Officer

As the Nodal Officer for Academic and Examination, Dr. A. M. Shekh successfully organized tedious and tiresome exercise of central admission at UG and PG level for four SAUs of Gujarat. As Nodal Officer, he convened

meeting of Registrars and Deans of four SAUs and arranged for smooth conduct of examinations and paper evaluation.

(3) Centralized Admission Process

Under Section 25 (7) (g) of the GAU Act, 2004 the Council of State Agricultural Universities is assigned the function to supervise and coordinate the central admission to various degree courses at the University. However, since the Council does not have adequate staff, function of the central admission for all SAUs

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of Gujarat are performed by the Nodal Officer & Vice Chancellor, Anand Agricultural University.

Admission and Output

The advertisement was published in leading daily news papers for the admission. The application were processed through computer

OMR system and merit list was prepared and declared on internet to call candidates for personnel interview / counseling. During the year under report, details of applications received and students admitted in four SAUs are given in Table 5.5.

Table 5.5 Student Admitted in Four SAUs (2010-11)

Degree	Actual admission given			
	Anand	Junagadh	Navsari	Sardar Krushi Nagar
Under Graduate				
B.Sc. (Agri)	114	93	88	84
B.V.Sc. & A.H.	81	30	42	38
B.Tech (DT)	60	-	-	-
B.Tech (AET)	34	55	-	-
B.Tech (AIT)	34	-	-	-
B.Tech.(FPT)	35	-	-	-
Post Graduate				
M.V.Sc.	84	07	22	57
Ph.D (Veterinary)	08	00	01	05
M.Sc.(Agri.)/M.Sc.	100	73	57	83
Ph.D (Agri.)	29	12	24	22
M.Sc.(D.T.)/M.Tech(Dairy)	13	-	-	-
Ph.D. (Dairy)	02	-	-	-
M.Tech (FPT)	07	-	-	-
Ph.D	01	-	-	-
IABM	19	-	-	-
M.Sc.(Horti)	11	-	-	-
PG Diploma	03	-	-	-

Output (Graduate and Post Graduate) of AAU

Students passed in different faculties at Graduate, Masters and Doctorate during the year under report is given in Table 5.6

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Table 5.6 The number of students out with different level of success during the academic year 2010-11

Degree	First class with Distinction	First class	Second Class	Pass Class	Total
Graduate					
B.Sc.(Agri.)	19	09	29	18	75
B.V.Sc. & A.H.	90	31	22	-	63
B.Tech.(DT)	9	15	24	-	48
Post Graduate					
M.Sc.(Agri.)	03	46	31		80
M.Sc.	-	05	03		08
M.V.Sc.	09	39	-		48
M.Sc.(Dairying)	-	-	-	-	-
M.Tech. (DT)	01	12	03	-	16
M.Tech. (FPT)	-	05	02	-	07
Ph.D.	-	-	-	-	30
Agriculture					02
Veterinary					-
FPT					-
IABM	01	04	12		17

Convocation

Seventh Annual Convocation

February 08, 2011 was the historic day for Anand Agricultural University as Seventh Annual Convocation was held in the presence of H.E., Governor of Gujarat and the Chancellor of the University, Dr. Shrimati Kamla, the Guest of Honour Shri Dileepbhai Sanghani Hon'ble Minister of Agriculture Gujarat State, the Chief Guest Shri Pravin K.Laheri, IAS (Retd.), Former Chief Secretary, Govt. of Gujarat.

Shri Modha Kaushalkumar a student of Faculty of Agriculture and Shri Fefar Dhaval Tribhuwanbhai student of Faculty of Veterinary Science were awarded Chancellor's Gold Medal

for Ph.D and Master's degree respectively. Also Shri. Vikram Bairwa, a student of Faculty of Agriculture and Kum. Jyotika, a student of Faculty of Veterinary Science and Shri Parekh Gaurav Bhadrash, a student of Faculty of Dairy Science were awarded Vice-Chancellor's Gold Medal. The list of Gold Medal with name of Faculty and students shown in Appendix-A in detail.

H.E. Governor of Gujarat and Chancellor of AAU, Anand Dr. Shrimati Kamla conferred the Degrees on the graduates and Post-graduates in person and in absentia. Total 442 graduate and Post-graduate candidates received the degrees at the Convocation.