Leading as Second in ‘Green Revolution’ – Gujarat has achieved staggering Agricultural Growth table and has carved a niche in the field of Agricultural Development in India. As per the ET Bureau, Gujarat recorded the highest decadal agricultural growth rate during the period 2000-2010, that is, pulverising the 4% target as set by the Central Government for the farm sector. Gujarat Agro vision 2010 envisages improving the quality of life of the rural population, including those who are resource poor, by widening their employment opportunities and increasing their income. 63% of the population of Gujarat lives in rural areas and depends for its livelihood on agriculture and the rural non-farm sector that is interlinked with agriculture. The Government is sensitive to the role of Agriculture in Economic development with a vision.

The government envisages Agriculture promotion through focused agricultural research, and application of biotechnology, information technology and eco technology. Complimenting Hon’ble Chief Minister Shri Narendra Modi saheb’s vision, as a major leap towards realization of this goal, the four agricultural Universities of Gujarat will expand their wings by starting a dozen more colleges across the state.

It gives me great pleasure to assert that Anand Agricultural University is about to start three new colleges that would include a horticulture college and two agricultural colleges.

Every year there is a demand of approximately 35000 agriculture graduates across the country, while the actual number of supplication ceases at 20000, resulting in a huge deficit of skilled manpower.

We are extremely grateful to the state government for according us the permission to start the new colleges to meet the futuristic demand for agriculture graduates.
The BACA Alumni Association, Anand Agricultural University, Anand organized its 5th Convention at Auditorium hall, BACA, AAU, Anand on 22-1-2012. On this occasion, Shri Amitbhai Sheth, Member of Donor’s family was the Guest of Honour and Dr. Bimal Patel, Director, Gujarat National Law University, Gandhinagar delivered guest lecture. Dr. A. M. Shekh, the Hon'ble Vice-Chancellor, AAU, Anand presided over the function.

Later, the BACA Alumni Association, AAU, Anand organized guest lecture on “Floriculture status of the US” on 25-01-2012 at Auditorium hall, BACA, AAU, Anand. The lecture was delivered by Dr. Amul Purohit, Alumni (1972) and President, Liquid Capital of Northern California, CA, USA. The function was graced by Dr. A. M. Shekh, Hon'ble Vice-Chancellor, AAU, Anand. The UG / PG students and faculty members remained present in the programme.

The 17th Biennial Group Meeting of AICRP on Nematodes was jointly organized by Anand Agricultural University (AAU) and Indian Council of Agricultural Research (ICAR) from 19th to 21st January, 2012 at AAU, Anand. The meeting was inaugurated on 20-1-2012. Dr. Y. Spiegel, State Nematologist, Volcani Centre, Best Dagan, Israel was the Chief Guest while Dr. A. M. Sheikh, Hon. Vice Chancellor, AAU presided over the function in the august presence of Dr. R. K. Jain, Project Coordinator and Dr. K. B. Kathiria, Director of Research & Dean Faculty of PG studies, AAU, Anand.

Taking into account his extensive experience in agricultural research & administration, Dr. K. P. Patel has been selected & appointed as Principal & Dean, B.A. College of Agriculture, AAU, Anand, w.e.f. 27-2-2012. AAU extends hearty congratulations to him.

Considering his wide experience & administrative ability, Dr. G. B. Valand has been selected & appointed as Principal & Dean, International Agri-business Management Institute, AAU, Anand, w.e.f. 27-2-2012. AAU extends hearty congratulations to him.

Looking to his wide academic & administrative experience, Dr. A. M. Thaker, has been selected & appointed as Principal & Dean, Veterinary college, AAU, Anand, w.e.f. 27-2-2012. AAU extends hearty congratulations to him.

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21st Scientific Advisory Committee meeting of Krushi Vigyan Kendra, AAU, Devataj was held on 8-2-2012 at KVK, Devataj (Sojitra). Dr. A. M. Shekh, the Chairman of SAC & Hon. Vice Chancellor, AAU, Anand and Chief Guest of the meeting, Dr. P. P. Patel, Director Extension Education, A.A.U., Anand, the staff, KVK, Devataj, the members of the SAC, Dr. R. H. Patel, Associate Director of Research, A.A.U., Anand and other line department's officers were present in the meeting.

Quinquennial Review Team of AINP on Medicinal and Aromatics Plants visited M. & A. Plants Farm, Herbal Garden and Analytical Laboratory on 1-3-2012, under the Chairmanship of Dr. Pushpangadan, DG & Sr. Vice President, RBEF.

Farmers' Seminar on Aromatic Plants was organized on 9-10/2/2012. 100-farmers attended the seminar. The seminar was inaugurated by Dr. A. M. Shekh, Honorable Vice Chancellor, Anand Agricultural University, Anand. The Chief Guest was Dr. S. Maiti, Director, Directorate of Medicinal and Aromatic Plants Research, Boriavi, Dist.-Anand.
The Department of Agricultural Economics, BACA, AAU organized following five one-day training programmes, during 2011-12 under the stewardship of Dr. Y.C. Zala, Professor and Head. In the WTO cell activities, agriculture as well as veterinary faculty members contributed with their expertise.

### ONE-DAY TRAINING PROGRAMMES UNDER WTO CELL

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Date</th>
<th>Title of Training Programme</th>
<th>Type of Participants</th>
<th>No. of Participants</th>
<th>Coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>25/11/2011</td>
<td>Agricultural Production in Context to WTO Agreements</td>
<td>Progressive Farmers</td>
<td>51</td>
<td>Dr. K. S. Jadav</td>
</tr>
<tr>
<td>2</td>
<td>28/11/2011</td>
<td>Milk Production in Context to WTO Agreements</td>
<td>Female Milk Producers</td>
<td>50</td>
<td>Dr. M. M. Trivedi &amp; V.K. Gondalia</td>
</tr>
<tr>
<td>3</td>
<td>17/1/2012</td>
<td>Milk Production in Context to WTO Agreements</td>
<td>Male Milk Producers</td>
<td>50</td>
<td>Dr. M. M. Trivedi/ A. S. Shaikh</td>
</tr>
<tr>
<td>4</td>
<td>7/2/2012</td>
<td>Poultry Business in Context to WTO Agreements</td>
<td>Poultry Entrepreneurs</td>
<td>65</td>
<td>Dr. R. K. Mishra &amp; V.K. Gondalia</td>
</tr>
<tr>
<td>5</td>
<td>26/3/2012</td>
<td>Buffalo Milk Production in Context to WTO Agreements</td>
<td>Female Milk Producers</td>
<td>60</td>
<td>Dr. M. M. Trivedi</td>
</tr>
</tbody>
</table>
EXTENSION ACTIVITIES AT KVKS OF AAU

Following Extension Activities were organized at Krishi Vigyan Kendras of AAU for the benefit of Farming Community.

<table>
<thead>
<tr>
<th>Extension Activities</th>
<th>KVK, Devataj</th>
<th>KVK, Dahod</th>
<th>KVK, Arnej</th>
</tr>
</thead>
<tbody>
<tr>
<td>Training Programme</td>
<td>21</td>
<td>27</td>
<td>32</td>
</tr>
<tr>
<td>Farmers’ Day / Khedut Shibir</td>
<td>10</td>
<td>07</td>
<td>03</td>
</tr>
<tr>
<td>Group Discussion</td>
<td>-</td>
<td>05</td>
<td>03</td>
</tr>
<tr>
<td>Demonstration</td>
<td>02</td>
<td>01</td>
<td>06</td>
</tr>
<tr>
<td>Escorting Visitors</td>
<td>25</td>
<td>06</td>
<td>32</td>
</tr>
<tr>
<td>Film Show</td>
<td>14</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Guidance through Telephone/Letters</td>
<td>60</td>
<td>68</td>
<td>525</td>
</tr>
<tr>
<td>Field Visit/ Diagnosis Services</td>
<td>36</td>
<td>19</td>
<td>05</td>
</tr>
</tbody>
</table>

The Directorate of Extension Education, AAU, Anand organized Training Programme on "Advanced Extension Strategy on ICT for value added Agriculture" for KVK staff under the HRD and overseeing activities from 21-2-2012 to 22-2-2012 in which 34 participants remained present.

ASCAD TRAINING

Department of Surgery & Radiology, Veterinary College, Anand organized ASCAD Training on “Surgery aspects including Surgical Techniques and X-ray Techniques” from 06/11-2-2012 February, 2012. Dr. P. V. Parikh, Professor (Surgery) was Course Director.

TRAININGS BY EEI

19 training programmes were organized by Extension Education Institute, AAU, Anand, during Jan.-Mar. 2012. Eight Khedut shibirs were conducted under SWPA. In all, 27 training programmes were conducted and 938 participants were trained during January to March, 2012.

POULTRY FARMING TRAINING

Department of Poultry Science, College of Veterinary Science and Animal Husbandry has successfully organized training programme for Govt. Officers from State Animal Husbandry Dept. on "Advances in Poultry Breeding, Health and Management" under Assistance to State for Control of Animal Diseases (ASCAD) programme during 23/28-1- 2012.

TRAINING PROGRAMME FOR KVK STAFF

A six month "Gardener Training" course was jointly organized by Department of Horticulture, B. A. College of Agriculture, Anand and NHM, Gandhinagar. Under this scheme, 18 candidates across the state participated in the training.

TRAINING ON FOOD PROCESSING MANAGEMENT

A three day training programme on "Food Processing Management" was organized at College of Food Processing Technology and Bio-Energy, Anand during 16/18-2- 2012. 14 trainees attended the course.

TRAINING ON DIRECT TRAINER SKILL

Department of Personnel and Training (DoPT), Government of India, New Delhi organized a 5-day training program on Direct Trainer Skill at Department of Agricultural Meteorology, B.A. College of Agriculture ,AAU, Anand during 27 February to 2 March 2012. There were sixteen participants from AAU, JAU, NAU & SDAU. Shri G.K.Pandey, Director GS/SD, Defense Services, New Delhi, Dr.B.S. Subrahmanya, Dy.Dir.Sericulture, Bangalore and Shri R.A.Singh, IMD, New Delhi were the faculty for the training programme.

EXTENSION ACTIVITIES AT KVKS OF AAU
Anand Agricultural University participated in following Eight Agricultural Fairs/Agricultural Exhibitions by arranging Exhibition stalls of different technologies evolved by AAU for the benefit of farming community of Gujarat and neighboring states. All the activities related to participation in all Eight Agril. Fairs/Agril. Exhibitions were coordinated by Directorate of Extension Education, AAU, Anand.

The exhibition committee selected the KVK for the first prize and Dr. P. C. Patel Programme Coordinator received trophy from Dr. A. M. Shekh, Hon. Vice Chancellor and Shri Jashvantsinh Solanki, President, Jilla Panchayat and Dr. P. P. Patel, DEE, AAU, Anand visited the live demonstration of fish and Prawn organised by KVK Devataj at Sadbhavna Mela at Akshar Farm, Anand.

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Agril. Fair/ Agril. Exhibition</th>
<th>Date</th>
<th>Place</th>
<th>Organizer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Western Zone Regional Agricultural Fair</td>
<td>20-22/1/2012</td>
<td>Regional Rice Research Station, NAU, Vyara</td>
<td>Navsari Agricultural University, Navsari</td>
</tr>
<tr>
<td>2</td>
<td>Agri Horti Exhibition-2012</td>
<td>21-23/1/2012</td>
<td>Mahatma Mandir, International Complex, Gandhinagar</td>
<td>Agro House, Gandhinagar</td>
</tr>
<tr>
<td>3</td>
<td>Agricultural Exhibition</td>
<td>31/1 to 1/2/2012</td>
<td>Akshar Farm, Vidyanagar, Anand</td>
<td>Govt. of Gujarat (Under Saddbhavna Mission)</td>
</tr>
<tr>
<td>4</td>
<td>Krushi Mela Sidsar</td>
<td>8-13/2/2012</td>
<td>Sidsar, Dist. Jamnagar</td>
<td>Trust-Shree Umiya Mataji, Sidsar</td>
</tr>
<tr>
<td>5</td>
<td>Agricultural Fair</td>
<td>27/2/2012</td>
<td>Seed Farm, Dabhan Road, Nadiad</td>
<td>ATMA, Kheda</td>
</tr>
<tr>
<td>6</td>
<td>Agricultural Fair</td>
<td>27/2/2012</td>
<td>Veterinary College ground, AAU, Anand</td>
<td>ATMA, Anand</td>
</tr>
<tr>
<td>7</td>
<td>Agricultural Fair</td>
<td>13/3/2012</td>
<td>APMC, Bavda</td>
<td>ATMA, Ahmedabad</td>
</tr>
<tr>
<td>8</td>
<td>Agricultural Fair</td>
<td>14-15/3/2012</td>
<td>Krushi Vigyan Kendra, Magalbharti</td>
<td>Jointly organized by ATMA, Vadodara and KVK, Magalbharti</td>
</tr>
</tbody>
</table>

COTTON DAY

Under the project National Information System for Integrated Pest Management (NISPM), Department of Entomology, BACA welcomed the dignitaries while Dr. K. B. Kathiriya, Director of Research inaugurated the function and Dr. G. C. Jadeja, Principal and Dean, B.A. College of Agriculture highlighted the research activities carried out in Anand Agril. University. The master ceremony was performed by Prof T. M. Bhorpada, Associate Research Scientist (Entomology), who also proposed the vote of thanks.

KHEDUT DIN / KHEDUT SHIBIRS

♦ Under the project National Information System Pest Management (NISPM) (B cotton) financed by NCIPM (ICAR), New Delhi, two Farmers’ Trainings (Khedut Shibirs) were arranged at Handod (Ta. Karjan) and Dhavat (Ta. Karjan).
♦ “Khedut Shibir” was organized on farmer’s field on 29/2/2012 at Pilol of Thasra taluka.
♦ A “Khedut Din” was organised on 12/03/2012 at Agricultural Research Station for irrigated crops, AAU, Thasra under Sardar Sarovar Narmada Nigam Ltd. project. About 650 farmers participated in this programme. Dr. A. M. Shekh, Hon’ble Vice Chancellor, AAU., Dr. K. B. Kathiriya, Director of Research and Dean Faculty of PG studies, Dr. P. P. Patel Director of Extension Education, AAU., Dr. M. M. Pathak, Asso. Director of Research (ADR) remained present in this program.
Anand Agricultural University celebrated Republic day with zeal and enthusiasm. Dr. A.M. Shekh, Hon. Vice Chancellor of AAU unfurled the Flag "Tiranga". He stressed that our democracy is strong and all rights and duties have been well defined in our constitution as prepared by Dr. Babasaheb Ambedkar and as amended from time to time. He advised all to observe their duties sincerely and faithfully so that our nation becomes strong.

**NSS ACTIVITIES**

A seven day special camp under National Service Scheme (NSS) was organized at village Kasor (Taluka & Dist. Anand) during 15/03/2012 to 21/03/2012 by Veterinary Science, Dairy Science and Food Processing Technology colleges of Anand Agricultural University, Anand. Total 100 students from these colleges participated in this Camp.

Several special activities were done during the camp viz Gram-rally, different kinds of shramyagans, surveillance, pashu-nidan-sarvar yagna, pashupalan and pashuarogya gramsabha, writing of slogans, preparation of milk products like Gulabjamun and Paneer, Jivan-mulya adharit shikshan, Organic Farming and Vermi Compose, Cultural activities for awareness – blood donation, vyasan mukti, illiteracy, etc.

The programme officers of the colleges Dr. G.C. Mandal (Vety. College), Dr. J.P. Prajapati (Dairy Science) and Prof. Harsh Sharma (Food processing Technology) worked together to make the seven days special camp of NSS a memorable week.

**ONLINE RECRUITMENT PROCESS**

Information Technology Center, Anand Agricultural University has successfully implemented the online recruitment process for class – III cadre. It is a first of its kind move in a state agricultural university. This project was implemented on 07-02-2012 for the post of Junior Clerk, Supervisor Instructor, Boiler Attendant and Hostel Assistant Warden.

Fish Culture Day cum Exhibition was organized on 5-1-2012 at Krishi Vigyan Kendra, Anand Agricultural University, Devataj. Dr. A.M. Shekh, Hon. Vice Chancellor, AAU, Anand was the Chair Person while Dr. K.B. Kathiriya, Director of Research and Dr P.P. Patel, Director of Extension Education, Anand Agril. University, Anand were the Chief Guests of the function. Dr. C.K. Misra, Sr. Scientist, CIFA, ICAR, Anand and Mr. G.C. Vakani, Assistant Director of Fisheries, Fisheries Department, Anand were Guests of Honour.

Students of the FPT & BE college have participated in Inter-collegiate cultural events like folk dance, group song and drama organized by SMC College of Dairy Science on 7/1/2012. Mitul Patel and Ankit Rathod were selected in folk dance in university team. Saurabh Trivedi and Jyoti Negi were selected as best performers in Drama. Saurabh Trivedi, Tanvi Deshpande, Jyoti Negi, Prachi Umale and Payal Patel were selected in University team.

On 9/1/2012 Gujarat Inter Agricultural University cultural programme was organized. Saurabh Trivedi and Jyoti Negi were selected as best performers.

During 23–25/3/2012, as a part of annual day celebration of college of FPT & BE, Inter college technical and non technical events were organized. The event was named as MRUDUGANDHA – the smell of the soil.

A Seminar on "Modern Emerging Trends in Bakery Industry" was held on 5/3/2012, organized by School of Baking, Anand Agricultural University, Anand, in collaboration with The Society of Indian Bakers, Western Region Chapter, Mumbai. About 250 bakery owners, industrialists, bakery machinery manufacturers, raw material suppliers, traders, scientists, professors and students, participated in the programme. The same was inaugurated by Dr. A. M. Shekh, Honorable Vice Chancellor, Anand Agricultural University. The other Dignitaries on the dais were Dr. D. C. Joshi, Dr. M. M. Patel, Mustafa Sheikh, Prakash Nair, Vishakha Shroff and Dr. K. B. Kamaliya. Dr. P. P. Patel, Director of Extension Education extended all the possible help.
MAHILA PASHUPALAK TALIM

Total six Mahila Pashupalak Talim were conducted during Jan – March 2012, including Amul dairy, Banas Dairy, Panchamrut dairy, Sabar dairy and Gopal dairy. 154 women participated in these programmes.

BAKARAPALAK TALIM KARYAKRAM

A Bakara Palak Talim was conducted on 26-3-2012. Total 20 farmers/Bakara Palak and the staff members participated in the programme. Dr. A.M.Thaker, the Dean/Principal, Veterinary College, Anand addressed the farmers and gave encouragement for the goat rearing as an enterprise. P.I. of the scheme Dr. Ankita Killedar explained how to reduce kid mortality and gave some of the important tips for profitable goat keeping. Dr. A.P.Parmar gave clues regarding feeding, breeding, housing, management and health care of the goats. Literature in vernacular for goat rearing was prepared and distributed. Progressive farmers/ Goat keepers also interacted with the participants. The programme was a joint venture of ‘Conservation and Development of Surti Goats project’ and Godrej Agrovet Company.

SHORT COURSE

Animal Nutrition Research Department, Veterinary College, Anand organized ICAR sponsored Short Course entitled "Recent Advances in Crop Residue Based Total Mixed Rations for Improving Animal Productivity" during 15-2-2012 to 24-2-2012. The short course was inaugurated by Dr. K.B. Kathiriya, Director and Dean PG studies. Dr. A. M. Thaker, Principal & Dean, Veterinary College, Anand was the Chief Guest of the inaugural function, Dr. Subhash Parnerkar, Research Scientist and Head, Animal Nutrition Research Department was the Course Director.

WORKSHOPS

Under the ICAR sponsored Tribal Sub Plan “Benefits of supplementing most limiting nutrients to dairy animals of Vadodara and Panchmahal districts of Gujarat State”, two workshops were organized by Animal Nutrition Research Department, at Guda village, Taluka Chhotaudepur, district Vadodara on 26-3-2012 and at Amthani village, Taluka Kadana, District Panchmahal on 27-3-2012. About 100 livestock owners participated in each workshop.

WORKSHOPS / SEMINARS ATTENDED

♦ Dr. Vyas Pandey, Prof & Head, Dept. of Agril. Meteorology attended FASAL Meeting at BHU, Varanasi on 1-2 March 2012.
♦ Dr. H. R. Patel and Dr. G. G. Patel, AICRPAM, AAU, Anand attended DSSAT training at CRIDA, Hyderabad during 12-17 February 2012.
♦ Dr. H. R. Patel (PI) and Prof. B. I. Karande (Co.PI), NPCC attended NPCC Workshop at NAAS New Delhi during 22-23 March 2012.
♦ Dr. A. D. Patel, Research Scientist (Tobacco) and Dr. H. R. Patel Research Scientist (Nematology) participated and attended 3rd Global Conference on "Plant Pathology for Food Security " at Rajasthan College of Agriculture, MPUAT, Udaipur, Rajasthan during January 10-13, 2012
♦ Dr. A. D. Patel, Research Scientist (Tobacco) and Dr. H. R. Patel Research Scientist (Nematology) attended and participated in Farmers Meet at Bhadran organized by Gujarat Narmadavalley Fertilizer Company, Bharuch and Narmada Khedut Sahay Kendra, Borsad on March 5, 2012
♦ Dr. K. P. Patel, Micronutrient Project, AAU, Anand participated in Stakeholder meeting & XII Five Year Plan Programme Finalization meeting at IISS, Bhopal during January 5-9, 2012.
♦ Dr. V. P. Ramani, Dr. S. B. Patel and Pankaj Kumar Tiwari, Micronutrient Project, AAU, Anand, attended and participated in 26th Biennial Workshop AI&CRP on "Micro- and Secondary Nutrients and Pollutant Elements in Soils and Plants" held at BCKV, Kalyani West-Bengal during February 10-12, 2012.

RESEARCH PROJECTS SANCTIONED

♦ "Molecular understanding of progressive Retinal Atrophy in dogs bred in India", sanctioned in the Dept. of Veterinary Surgery and Radiology.
♦ "Strengthening of entrepreneur programme as per VCI (2008) at College of Veterinary Science & A.H., Anand
♦ "Effect of phyto chemicals on nutrient utilization, health attributes and production of ruminants" in the Dept. of Animal Nutrition.
♦ "Augmenting reproductive efficiency in dairy animals of tribal areas using controlled breeding technologies and ultra sonography" in the Dept. of Animal Reproduction Gynaecology & Obstetrics.
♦ "Genetic diversity and haplotyping of innate immune Genes in Indian Cattle and Buffalo" in the Dept. of Animal Biotechnology.
Good Management means showing average people how to do the work of superior people.

Book-Post

From: The Editor
AAU Newsletter
Directorate of Extension Education
Anand Agricultural University, Anand-388 110

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