Clarion call from the Honorable Prime Minister, Shri Narendra Modi of Doubling farmers’ income by 2022 has arrested focused attention of the policy makers, practitioners and academicians across the country. The state of Gujarat being pioneer in many areas including agriculture seems to achieve this objective of unprecedented income enhancement of farming community quite at ease. In this context, the concerned state departments and SAUs have deliberated the issues, strategies and institutional responsibilities in a state level seminar organized at AAU on 23rd March 2017. Some twelve segments of agriculture and allied activities have been identified for special attention. These are food grains, agricultural marketing, horticulture, livestock and poultry, inland fish farming, bee keeping, mushroom production, dairying, water management, farm mechanization and extension education. The documents have been prepared based on deliberations in the seminar which highlighted the following issues for doubling the farmers’ income in the state by 2022.

- Technologies and innovations developed at SAUs and other agricultural research stations are vital part of the income enhancing strategy. These mainly include precision farming, modern machinery, zero tillage, ridge planter, MIS, tissue culture. These apart selection of varieties as per soil type and climatic change including promotion of SRR are the major issues to be attended for farmers income. Further, Strong extension activities including Krushi Mahotsav have to be on the top of the strategy.

- Effective implementation of modified APMC Act, e-NAM and subsidy components linked with agricultural inputs and MSP in fruits and vegetables could go a long way in increasing the farmers income.

- Effective implementation of government sponsored schemes including Pradhan Mantri Krishi Sinchai Yojana, Soil health card, Paramparagat Krishivikas Yojana and Pradhan Mantri Fasal Bima Yojana need to be focused to realize the higher output and cost reduction leading to higher income of the farmers.

- Farm size does not support the diversification of fruits and vegetables, mainly because of the price risk and un-economic lot of marketing. Small farmers are also at the receiving end in terms of bargaining power for input as well as output. These constraints can be overcome by organizing farmers under some institutional mechanism like farm producers’ organizations. While producers’ organizations need to be strengthened like AMUL Model of cooperatives need to be replicated in the areas of fruits and vegetables to undertake value addition activities, processing of agricultural produce through cluster based approach.
The 13th Annual Convocation of Anand Agricultural University was held on 6 January 2017 at Gymkhana Ground, AAU, Anand. Hon. Governor Shri O.P. Kohli presided over the Convocation. Dr. Trilochan Mohapatra, Secretary (DARE) & Director General, ICAR, New Delhi was the Chief Guest. He delivered the convocation address and inspired the young graduates and post-graduates. Hon. Minister of Agriculture & Energy, GoG, Shri Chimanbhai Sapariya was the Guest of Honour.

Degrees were conferred to 585 students including 399 Graduates and 186 Post-Graduates from various faculties. 88 Medals and cash prizes were awarded to the achievers.

- Er. Kamlesh Jethva, Asst. Prof., Dept. of APE, College of Agricultural Engineering and Technology, AAU, Godhra was awarded as the BEST TEACHER in the Faculty of Agricultural Engineering for the academic year of 2015-16 during the 13th convocation on 6 January 2017.

- Dr. Sreeja V., Asst. Prof., Dairy Micro-biology Dept., SMC College of Dairy Science, received the Best Teacher Award in the Faculty of Dairy Science for the year 2015-16 from Hon. Governor Shri O.P. Kohli during the 13th Annual convocation ceremony held at Anand Agricultural University on 6 January 2017.

- Shri. O.P. Kohli, Hon. Governor Shri O.P. Kohli and Chancellor of Anand Agricultural University inaugurated newly constructed buildings, Sandipani Teaching Complex and Sarojini Girls' Hostel at the College of Veterinary Science and Animal Husbandry on 6 January 2017 in the august presence of Shri. Chimanbhai Sapariya, Hon. Minister of Agriculture and Energy, Gujarat State; Dr. Trilochan Mohapatra, Secretary, Department of Agricultural Research and Education (DARE) and Director General, ICAR, New Delhi and Dr. N. C. Patel, Hon. VC, AAU.

Shri R. B. Modi, Asst. Prof., Dept. of FPT, College of Food Processing Technology & Bio-Energy received the Best Teacher Award in the Faculty of Food Processing Technology & Bio-Energy for the year 2015-16 from Hon. Governor Shri O.P. Kohli during the 13th Annual convocation ceremony held at AAU on 6 January 2017.

The first meeting of the Co-ordination Committee for Doubling the Farmers' Income in Gujarat State by 2022 was held on 23 March 2017 at AAU. The meeting was chaired by
Dr. A. R. Pathak, Hon. VC, JAU, Junagadh. Shri Sanjay Prasad, Principal Secretary (Agriculture), Govt of Gujarat; Dr. N. C. Patel, Hon. VC AAU; Dr. C. J. Dangaria, Hon. VC, NAU; Dr. A. A. Patel, Hon. V.C., SDAU; Dr. S. K. Singh, Director, Agriculture Technology Application Research Institute (ATARI), Jodhpur; Shri S. K. Singh, Under Secretary, Ministry of Food Processing & Industry, GOI; Dr. T. Radhakrishnan, Director, Directorate of Groundnut Research Centre, Junagadh; Dr. K. P. Manivel, Director, Medicinal and Aromatic Plant Research Institute, Boriavi and line department officers.

The Principal Secretary, GoG, in his address informed that GoG has already prepared two documents for doubling the income of the farmers as per the vision of the Hon. Prime Minister of India. He emphasized that it is achievable in the state. He also suggested that the strategies should be based on the technologies already available, including varieties, which suit to the agro-climatic regions of the state. GoG has already made some efforts to get a vision document prepared by IIM Ahmedabad with a detailed case study of Bt cotton for Gujarat State to meet the targets.

Total eight presentations were made during the meeting focusing on farm income potential of Gujarat and Saurashtra and the strategies for doubling Farmers’ Income in the State.

Approaches for addressing the major constraints of drought prone areas and non-availability of quality seeds, lowering of cost of cultivation through crop management practices and mechanization were discussed in detail. Soil and crop productivity need collectively to be addressed with high tech precision farming which surely give the farmers two to three times more harvest.

Possibilities and modalities of establishment of food parks, mega food parks and agro clusters to enhance the returns of the farmers were also discussed. Modalities for minimizing the cost and maximizing agro outputs involving state department of agriculture, NGOs and PPP companies were also discussed to achieve the target of 2022.

ROUND TABLE MEETING AT RASHTRAPATI BHAVAN CULTURE CENTRE, NEW DELHI

The Festival of Innovation (FOIN) is a unique initiative of the Office of the President of India to recognize, respect and reward grassroots innovations and foster a supportive ecosystem. The President of India has exhorted all segments of the Indian society to converge their efforts to make India inclusive, innovative and responsive to the aspirations of common people. The 3rd Festival of Innovation (FOIN) at the President's House, New Delhi was hosted during March 4-10, 2017 with the help of National Innovation Foundation – India (DST). Dr. N. C. Patel, Hon. Vice Chancellor, AAU attended and chaired Roundtable meeting regarding Sustainable Inputs for Agriculture on March 09, 2017 at Rashtrapati Bhavan Cultural Centre, New Delhi.

TALKSHOW WITH COMEDY SHOW ORGANIZED BY E-Tv GUJARATI

'Talk Show With Comedy Show' was organized by E-Tv Gujarati at Anand Agricultural University on 10 February 2017 in the presence of Shri Chimanbhai Sapariya, Hon. Minister of Agriculture and Farmers Welfare, Gujarat State and Dr. N. C. Patel, Hon. VC, AAU and other dignitaries. The main purpose of the show was ‘How to increase the agricultural productivity by the use of new technology and how the different applications launched by the Government can help the farmers to become aware and to avail the benefits of different schemes related to agricultural and allied sectors’. As a part of 'Digital India' live demonstration of agriculture related application like ‘Soil Heath Card’ as well as for ‘i-khedut’ mobile app. were also organized. The panel discussion was also held with subject specialist experts/scientists of the university.

51ST ANNUAL CONVENTION OF ISAE AND NATIONAL SYMPOSIUM AT HISAR

Dr. N.C. Patel, Vice Chancellor, AAU and President of ISAE participated in the 51st Annual Convention of ISAE and National Symposium at College of Agricultural Engineering and Technology, CCS Haryana Agricultural University, Hisar...
A National seminar on 'Dynamism in Dairy Industry & Consumer Demands' & 12th Alumni convention was jointly organised by SMC College of Dairy Science, its Alumni Association and Indian Dairy Association (Gujarat State Chapter) during 4-5 February 2017 at AAU, Anand.

The chief guest of the function, Shri. Dilip Rath, Chairman, NDDB gave an overview of present scenario of dairy sector and remarked that India contributes to 18% of world milk production, at the growth rate of 6.5%. He briefed different initiatives taken by NDDB through various programmes like National Dairy Plan. Dr. N.C. Patel, Hon. VC, AAU while delivering presidential address, endorsed what was expressed by Chiarman NDDB and stressed the need for improving productivity, production of clean milk, ensuring safety and taking care of changing consumer demands for dairy products. He appreciated Vidya dairy model for the training of dairy professionals and urged to promote collaboration between industry and academic institutions. He also pointed out conservation and reutilization of water in the industry. A souvenir containing invited papers, poster and technical articles was also released.

The program was attended by 341 delegates from the country and few NRIs including dairy professionals, planners, academicians and students.

A seminar on 'Current position of International and National Dairy Sector and Factors Affecting Profitability of Milk Production' was organized by IDA (Gujarat Chapter) and SMC College of Dairy Science on 11 March 2017. During the inaugural function, Dr. J. B. Prajapati, Principal & Dean, SMC College of Dairy Science, AAU, Anand and Vice-Chairman of Indian Dairy Association welcomed all the dignitaries and participants. Dr. K. Rathnam, Managing Director, Amul Dairy, Anand and Chairman of Indian Dairy Association in his speech stated that it was the unique programme specially designed for farmers practicing animal husbandry. Shri Ramsinh P. Parmar, Chairman, Kheda District Co-Operative Milk Producers' Union Limited popularly known as Amul Dairy was present as the special guest in this seminar. Total 300 delegates participated in the seminar including farmers, technical officers, veterinary officers, scientists, academicians and entrepreneurs.

Mr. R. S. Sodhi, Managing Director, GCMMF Ltd., Anand was present as Chief Guest of the function. He highlighted certain
facts and figures regarding milk production in India vis-a-vis International market. He urged the government to insert the word ‘Animal husbandry’ along with Agriculture for the exempting income.

Dr. N.C. Patel, VC, AAU, Anand and President of the function in his inspiring speech, emphasized scientific animal feeding practices, mineral mixture and ideal animal husbandry for production of good quality milk. He also invited all the milk producers and farmers to visit AAU for specially designed training programmes related to Animal Husbandry. On this occasion, a film ‘Jagruti’ based on scientific animal husbandry practices directed by Salil Maheta was launched and a show was organized for the farmers.

**Round Table Discussion on Composite Dairy Foods**

Round Table Discussion on Composite Dairy Foods was organized under the aegis of National Academy of Dairy Science (India) by SMC College of Dairy Science, AAU on 21 January 2017. The meeting was chaired by Dr A.K. Srivastava, Director and Hon. Vice Chancellor, National Dairy Research Institute, Karnal and coordinated by Dr J. B. Prajapati. The group discussion was attended by 20 experts representing academia and industry.

**Winter School on Water & Energy Security in the Arena of Climate Change at CAET, Godhra**

Winter School was organized on 'Water and Energy Security in the Arena of Climate Change' during 17 January to 6 February 2017 at College of Agricultural Engineering and Technology, Godhra sponsored by Information Technology Research Academy (ITRA-Water). Total 19 candidates participated from Gujarat and other states. Dr. N. C. Patel, Hon. VC, AAU; Dr. Nagesh Kumar, Professor IISc, Bangalore; Dr. R. Subbaiah, Principal & Dean; Dr. Pankaj Gupta, Head of Dept. (Soil and Water Engineering) inaugurated the Winter School. A number of guest experts from IIT Bombay, IISc Bangalore, National Institute of Technology Warangal, National Institute of Hydrology Roorkee, NABARD, SPRERI, Anand where invited to deliver lectures and decipher the latest technologies in the field of adaption strategies for climate change, Crop growth model, Hydroclimatic extremes, SWAT, SAS, GIS software.

**New Projects Sanctioned**

- Gujarat Energy Development Agency, Gandhinagar has sanctioned research project entitled ‘Estimation of Methane Emission in Cattle and Dietary Interventions for its Mitigation’ for three years with total financial outlay of ₹ 96.95 lakh in Animal Nutrition Research Department, College of Veterinary Science & Animal Husbandry of the University under the PI- Dr. P. R. Pandya and Co PI- Dr. B. R. Devalia & Dr. M. A. Shekh.

- Dept. of Plant Pathology has been sanctioned a new project on ‘Development, validation and technology transfer of microbial consortium of bioagents in sustainable management of biotic and abiotic stresses in crops’ by GSBTM, Gandhinagar; worth of ₹ 22.07 lakhs for two years under PI - Dr. R. N. Pandey and Co PI- Dr. R. G. Parmar.

**MOU Signed**

Ahmedabad Municipal Corporation (AMC) and AAU signed MoU for BIO-NPK technology transfer on 11 January 2017 at Vibrant Gujarat 8th Global summit, Mahatma Mandir, Gandhinagar.
PARTICIPATION OF AAU IN REPUBLIC DAY KRUSHI MELA

On the occasion of Republic Day 2017 celebration at Anand, Bio-NPK product and information was exhibited on AAU tabloid display at Shashtri ground, Vallabh Vidyanagar. A Krushi Mela was organized at Karamsad on 25 January 2017 in which Dept. of Agril Microbiology exhibited biofertilizer as organic farming and educated farmers how to ‘live pollution free life’ by applying biofertilizer to their crops.

ANAND AGRICULTURAL UNIVERSITY CELEBRATED 68TH REPUBLIC DAY

Anand Agricultural University celebrated 68th Republic Day on 26 January 2017 at University Bhavan. All university officers, staffs, students of different faculties and their family members remained present. All NCC cadets, NSS volunteers actively participated in this celebration. Dr. N. C. Patel, Hon. VC hoisted the flag. National Anthem ‘Jan Gan Man’ and National Flag Anthem Zanda Uncha Rahe Hamara’ were sung. Dr. N. C. Patel, Hon. VC gave inspirational speech. At last National Song ‘Vande mataram’ was sung by all. Captain P.A. Gohil acted as a Parade Commandant.

PERSONALITY DEVELOPMENT TRAINING PROGRAMMES AT AAU

- Two days personality development programme ‘Igniting Minds’ was organized during 15-16 February 2017 at CAET Godhra. Dr. R. Swarnkar, Prof. & Head of FMPE department, Miss. Radha, Head & Service content (SMART SERIES), Mr. Chirag Jadav, Chairman SRC, Dr. M.K. Tiwari, Co- Chairman SRC took part in the inaugural function.
- Two days Personality Development Programme of ‘Igniting Minds’ was organized at College of Dairy Science and College of FPT & BE. The programme was inaugurated by Dr. N. C. Patel, Hon. VC, AAU, Anand. Dr. S. H. Akbari, DSW, AAU, Anand also remained present.

LEADERSHIP & ENTREPRENEURSHIP DEVELOPMENT TRAINING PROGRAMME AT BACA, AAU, ANAND

Leadership & Entrepreneurship Development Training Programme was organized by National Council for Climate Change Sustainable Development and Public Leadership (NCCSD) for students of BACA during 6-9 March 2017 at B.A. College of Agriculture, AAU, Anand.

DISTINGUISHED VISITORS

- Mr. Manash Chaudhari, Deputy Advisor NITI (National Institute for Transforming India) Aayog visited Biofertilizer project on 3 January 2017. He appreciated the Liquid Biofertilizer products having commercial importance to enhance agricultural production and productivity.

HAPPENING AT INFORMATION TECHNOLOGY CENTRE

- Online 13th Convocation Programme
  Live webcast of 13th Convocation ceremony was made available on the website of AAU. It was first of its kind webcast in the State Agricultural Universities (SAUs). (http://www.aau.in/live)
- Online Examination System for Anand Agricultural University
  Screening/Online test for the post of Assistant Professor and its equivalent in the various disciplines was successfully conducted by Information Technology Center, AAU on 6 February 2017.
• Prof. P. B. Gai, Hon. VC, Karnataka University Dharwad visited Dept. of Microbiology and Biofertilizer Unit and Laboratory of Excellence on 7 January 2017.

• Dr. D.P. Biradar, Hon. VC, University of Agricultural Sciences, Dharwad visited Sardar Patel Agricultural Educational Museum, AAU, Anand on 9 January 2017.

• Prof. Morten Pejrup, Vice Dean for Research, Faculty of Science and Mr. Erik Bisgaard Madsen, Vice Dean for Business Collaboration from University of Copenhagen, Denmark along with Mr. Sune Kaur-Pedersen, Counsellor, Innovation & Research, Embassy of Denmark, New Delhi visited AAU on 10 January 2017. They visited Sardar Patel Agricultural Educational Museum, Vidya Dairy and College of FPT & BE. They were impressed by the activities of AAU and showed keen interest for collaborative programmes in agricultural research and education. They had an interaction meeting with all the University Officers of AAU which was followed by discussion on various areas on which collaborative educational and research programmes can be taken up jointly. This visit was also in relation to the MoU to be signed between AAU and University of Copenhagen, Denmark during Vibrant Gujarat Global Summit 2017 at Gandhinagar.


• Dr. Amita Jain, FAMU, Florida, USA visited Biofertilizer Plant, AAU, Anand on 17 January 2017.

• I C A R w e s t z o n e monitoring and review team headed by Dr. Kaloo, Ex DDG Horticulture visited Dept. of Microbiology on 23 January 2017.

• Hon. State Minister, Agriculture Shri Vallabhbhai Vaghasiya visited AAU on 2 February 2017. He had an interaction meeting with Hon. VC Dr. N. C. Patel, all the University Officers, Deans, Directors and HoDs of AAU campus. Hon. VC highlighted the salient achievements and activities of AAU. Hon. Minister discussed the challenges faced by the farmers, He also visited Sardar Patel Educational Museum, Biofertilizer Research Project & Tissue Culture Laboratory and was impressed by the facilities and activities of AAU for agricultural education, research and extension.

• Laxman Ram, Dy. Director Agriculture and Project Director ATMA, Jaipur, Rajasthan along with five officers visited Dept. of Microbiology on 14 February 2017 and appreciated Liquid biofertilizer products and their essential role to cater need of present sustainable agricultural scenario.

ONE DAY FARMER TO FARMER TRAINING (F2F) BY AAU; FAMU, USA; NCCSD, ATMA AT AAU, ANAND

A training on ‘Soil and water salinity and their management’ under area ‘Climate smart agriculture for Gujarat state’ was organized at the PG seminar Hall, BACA, Anand on 16 January 2017. The training was inaugurated by Dr. N. C. Patel, Hon. VC, AAU in the august presence of Dr. S. Mbuya and Dr. (Mrs.) Amita Jain of FAMU; Dr. Arun A. Patel, DEE,
Inauguration of One Day Farmer to Farmer Training by Dr. N.C. Patel, Hon. V.C., AAU

AAU; Dr. K. P. Patel, Principal & Dean, Agriculture, AAU and Shri N. M. Patel of NCCSD, Ahmedabad.

Dr. N. C. Patel, Hon. VC narrated his views on effect of Global warming and climate change in agriculture and allied sectors. He urged the farmers and the scientists to take maximum advantage of the training. Dr. Mbuya explained his views about importance of soil and water in agriculture for higher production of crops and the emerging problems of salinity in soil and water and to manage them. The sessions were handled by Dr. R. N. Pandey, Prof. & Head, and Dr. R. G. Parmar, Asso. Res. Sci., Plant Pathology; Dr. S. N. Shah, Asso. Res. Sci., Agronomy; Mrs. Nisha Shah of NCCSD, Ahmedabad. Total 100 farmers deputed by ATMA, Anand, and 25 trainers from AAU, participated in the training.

**24th Kharif ZREAC Meeting**

The 24th Kharif Zonal Research-cum-Extension Advisory Committee's (ZREAC) meeting was held in the Yagnavalkya Hall, University Bhavan, AAU, Anand on 7 February 2017, under chairmanship of Dr. N. C. Patel, Hon. VC of AAU. About 160 members including officers and scientists of AAU, officers of various line departments of Govt. of Gujarat and progressive farmers of central Gujarat, participated in the meeting. The committee discussed about the various problems faced by the farmers and queries raised by the officers of line departments. The scientists of AAU gave solutions for the problems/queries.

**Exposure Visit to Western Regional Agriculture Fair at SKRAU, Bikaner Organized by TFWTC, D’Baria**

An exposure visit was conducted by Tribal farm women training Centre (TFWTC), AAU, Devgadhbaria for 21 progressive farm women of Moti khajuri, Motizari, Dangaria and Unchvan villages of Devgadhbaria taluka of Dahod district to the Western Regional Agriculture Fair held at SKRAU, Bikaner during 18-20 February 2016. During the visit of KVK, Udaipur, Dr. P. Bhatnagar, Research Scientist, KVK, Udaipur delivered a lecture on vegetable production and method of different vegetable cultivation. Farm women were given useful information on cattle feed management while visiting cattle feed plant. Participants had also seen VBVKVK, Udaipur managing the forage production, automatic milking by milking machine and generating of electricity by Biogas through cow dung to managing their dairy unit.

**Training Programme of EEI at Mahatma Phule Krishi Vidyapeeth, Rahuri (MS)**

The Off-Campus Training Programme on 'Leadership Development and Team Building Skills for Extension Functionary' was Jointly Organized by EEI, Anand & Dept. of Extension Education, PGI, MPKV during 01-03 March 2017 at Rahuri (MS). The inaugural function was chaired by Hon. VC, AAU Dr. N. C. Patel. The Hon. VC, SDAU, Dr. Ashok A. Patel as Guest of Honour and Hon. VC, NAU Dr. C. J. Dangaria as Chief Guest of the programme attended the event. The other dignitaries namely Dr. K. D. Kokate (DEE, MPKV, Rahuri), Dr. B. R. Ulmek (Dean Faculty of Agriculture & Director of Instruction, MPKV, Rahuri) and heads of various Dept. of PGI, MPKV, Rahuri remained present in the inaugural programme. All these dignitaries shared their valuable views and encouraged the scientists and participants. The dignitaries visited ATIC and the Museum of Pulse Research Station of MPKV, Rahuri.

**Interstate Training Programmes at SSK, AAU, Anand**

An Interstate Training Programme was organized at Sardar Smruti Kendra, DoEE, AAU, Anand for Farmers Group of ATMA Project, Ujjain (M.P.) during 29 January to 2 February, 2017 at Kota (Rajasthan) during 30 January to 3 February 2017 and Satna (MP) during 6-10 February 2017.
Krishi Mela and Exhibition was organised at ARS, Sansoli on 22 February 2017 under the Crop Diversification Programme (CDP) in collaboration with Agricultural Technology Management Agency (ATMA) and District Agriculture Officer (DAO) - Kheda. Total 1500 farmers enthusiastically participated.

HEIFER RALLY PROGRAMMES BY RBRU, AAU, ANAND

Under the project of 'Surti Buffalo Breeders Association' a Calf rally/Heifer rally was organized on 4 March 2017 at Dudh Mandali, village Bagdu, Ta. Mahudha, Dist. Kheda. Total 53 healthy heifers/female calves of Surti buffalo participated in the programme. The programme was arranged under the chairmanship of Dr. Ankita Killedar, Dept. Head, RBR Unit. Dr. V. P. Belsare, Dr. Chirag Parmar and Dr. A. P. Parmar acted as judges. They selected best three heifers. Their owners were given trophy and certificates. A kit was provided to all the participant owners. Two other programmes were also organized at village Rajodpura and Vaso on 28 February and 3 March 2017 in which 68 and 40 participants participated, respectively.

TRAINING PROGRAMME ON PEST MANAGEMENT BY BACA, AAU, ANAND

A training programme on Pest Management was organized by Dept. of Entomology, BACA, AAU, Anand during 22-23 March 2017 for technical staff of BASF India Ltd., Mumbai. The training programme was inaugurated by Dr. K. B. Kathiria, DR, AAU, Anand. Total 12 technical employees of BASF participated.

TRAINING ON SPICES CROP TECHNOLOGY AT ARS, AAU, ARNEJ

A one day training programme was organized at Agricultural Research Station, AAU, Arnej on 24 January 2017 under the centrally sponsored scheme 'Mission for Intergraded Development of Horticulture (MIDH)' in collaboration with ATMA, Ahmedabad. About 70 cumin and dilsseed growers from different villages of Dholka taluka participated.

TRAINING PROGRAMME ON WAREHOUSING DEVELOPMENT & REGULATION ACT AT KVK, ANAND

KVK, Devajat organized one day training and awareness programme on Warehousing Development and Regulation Act for progressive farmers under the sponsorship of Regional Office of Central Warehousing Corporation, Ahmedabad on 13 January 2017. Total 47 farmers of ten villages actively participated.

TRAINING PROGRAMME AT SSK, AAU, ANAND

- One day training programme was organized at SSK, AAU, Anand for Farmers Group of ATMA Project, Junagadh on 12 January 2017.
- A Three Days training Programme was organized at SSK, AAU, Anand for Group of Farm Women, ATMA Project, Gir Somnath during 21-23 February 2017.
- Two Days Training Programme was organized at SSK, DoEE, AAU, Anand for Farmer's Group of G.S.F.C. Ltd, Vadodara during 3-4 March 2017. Hon. VC, Dr. N. C. Patel addressed trainee Farmer's Group of GSFC Ltd, Vadodara.

ONE DAY TRAINING PROGRAMME AT TRTC, DEVGAHDHBARIA

One Day Training Programme was jointly organized by ICAR – Central Tobacco Research Institute, Rajahmundry and AINP on Tobacco, Bidi Tobacco Research Station, AAU, Anand under Tribal Sub Plan for the benefit and upliftment of the tribal farmers on 9 February 2017 at Tribal Training-cum-Research Station, AAU, Devgadhbaria. Toal 52 farmers from the different villages of Dahod district participated.
One day awareness programmes on Integrated Weed Management under Tribal Sub Plan (TSP) were organized at TFWTC, Devgadh Baria on 10 January 2017 and 03 February 2017. Lectures on different topics of weed management were delivered by AAU scientist. Mechanical method of weed management with hand hoe and use of different nozzles in spraying of herbicide was demonstrated in the training.

Training cum distribution of inputs programme under Tribal sub Plan (TSP) was jointly organised by Biological Control Research Project and AINPVPM: Agricultural Ornithology, AAU, Anand on 20 March 2017 at Tribal Research cum Training Centre, Devgadhbaria. Total 46 tribal farmers participated.

One day training programme on Cropping Practices of Important Cucurbitaceous Crops was organized on 12 January 2017 at Farm Technology Training Centre (FTTC), Nenpur. Total 41 farmers of different villages of Kheda district participated.

One day training programme on Aromatic and Spice Crops Production was organized under the Mission for Integrated Development of Horticulture (MIDH) on 6 February 2017. Total 90 farmers of different villages of Kheda district participated.

Field visit was organized by IDEA, Anand for the input dealers at Saurashtra region during 9 -11 January 2017. The field visit was organized at various research and extension centres of Junagadh Agricultural University, Junagadh and ICAR-Directorate of Groundnut Research, Junagadh. From these centres, input dealers got useful technical information about agriculture and its allied sectors. Visit to Kureshi Baug & Nusery at Ramrechi village of Gir Somnath District was also organized. Input dealers were very happy to see many species of floriculture/ornamental/forestry plants. Mr. Gaffar Kureshi discussed his innovative ideas regarding nursery and how to earn more money from the nursery business. They also met Shri Jethabhai Ahir, a progressive farmer of organic farming at Shantipura village. Lastly, they visited Akshar farm at Sarangpur. Swami Brahmchintanjii briefed about the cropping system, innovative technologies and marketing of products of the farm.

Navsari Agricultural University trainee dealers and distributors of agro commodities visited Dept. of Agril. Microbiology on 27 January 2017 and updated knowledge on liquid biofertilizers and their use for crops.

Dept. of Entomology, BACA, AAU, Anand organized a Farmer’s Day under IPM and Bio-control on 2 February 2017 at Nanikharsholi, Ta. Kadana, Dist. Mahisagar. Total 1080 farmers and farm women from surrounding villages remained present on the occasion. A folder on ‘Chanama popata kori khantar lili iyal ane tenu sanklit vyavasthapan’ was released for the farming community. This programme was also recorded by Doordarshan, Ahmedabad & All India Radio, Vadodara.
IPM TRAININGS AT BACA, AAU, ANAND

Under Integrated Pest Management scheme, three IPM trainings were conducted during January to March 2017 at Dept. of Entomology, BACA, AAU, Anand. Total 103 farmers participated from Rajkot, Mahisagar and Jamnagar districts.

TRAINING ON ORGANIC FARMING UNDER PDDUUKS YOJANA AT KVK, ANAND

Krishi Vigyan Kendra, AAU, Devataj organized five trainings of five days each on Organic Farming under Pandit Deen Dayal Upadhyay Unnat Krishi Shiksha Yojana (PDDUUKSY) sponsored by GoI for Anand district. Total 150 participants of different villages of Anand district actively participated.

ONE DAY FARMERS SHIBIR AT BORIAVI

Under Transfer of technologies programme, one day Farmers shibir on 22 February 2017 at Boriavi, Ta. Shahera Dist. Panchmahals was organized to impart knowledge on latest varieties of maize and its cultivation practices as well as use of low cost liquid Biofertilizers to reduce cost on N & P fertilizers.

CELEBRATION OF YOGA DAY AT AAU, ANAND

The state level Republic day was celebrated in Anand district during 1-25 January 2017. As a part of that celebration, AAU celebrated Yoga Day on 20 January 2017. University Officers, staffs, students, NSS volunteers remained present in this programme. Hon. VC Dr. N.C. Patel specially remained present. Dr. S. H. Akbari, DSW was the Co-ordinator of the programme.

DIGITAL INDIA CAMPAIGN AT VETERINARY COLLEGE, AAU, ANAND

The College of Veterinary Science and Animal Husbandry, AAU, Anand along with State Bank of India, Vallabh Vidyanyanag organized a programme on Digital India Campaign on 2 February 2017 under National Service Scheme. The programme was inaugurated by Dr. C. G. Joshi, I/c. Dean/Principal along with Dr. R. A. Mathakiya, NSS Programme Officer and Dr. H. C. Patel, SBI Officer; faculty members, NSS volunteers and other students of the college. During the programme, various apps of SBI like ‘SBI buddy’ and others for online transactions were demonstrated to about 100 NSS volunteers and other students of the college. The programme made the students aware of online transactions, mobile wallet, pay-tm etc.

CASHLESS TRANSACTION-GUIDELINE PROGRAMME AT VASO

A programme on ‘Cashless Transaction-Guideline' for the students of College of Agriculture and Polytechnic in Agriculture was jointly organized by National Service Scheme, AAU, Vaso and State Bank of India, Regional Business Office Nadiad at College of Agriculture, AAU, Vaso on 9 January 2017. Total 57 students and staff participated and gained knowledge regarding cashless transaction. Shri. Prashant Dani, Manager and Shri. Vimal Barot, Asst. Manager, SBI, Nadiad discussed about precautions to be taken while doing cashless transaction.

MATRUBHASHA DIWAS CELEBRATION AT AAU

• 21st February is declared as Matrubhasha Diwas. Accordingly, an elocution competition on 'Importance of Matrubhasha' was organized at Veterinary College on 21 February 2017. Total 13 students participated in the competition. Dr. A.M.Thaker, Principal & Dean Veterinary College distributed prizes to the winners.
'Gujarati (Matru) Bhashadin' was organized in Collaboration with SRC and students of Sheth M. C. Polytechnic in Agriculture, AAU, Anand on 21 February 2017. Various topics of Gujarati poetry, kruties, chhand, doha and introduction of writers etc. were focused by the students of Agriculture Polytechnic. The students were encouraged and motivated for the mother tongue Gujarati by Dr. J. I. Nanavati, SRC Chairman and Dr. V. J. Patel, Asso. Prof. of the polytechnic in Agriculture.

LECTURE CUM INTERACTIVE SESSION ON PREVENTION OF SEXUAL HARASSMENT HELD AT IABMI, AAU, ANAND

Anti harassment cell of IABMI organized a lecture cum interactive session with Dr. Ankita Killedar, Research Scientist & Head, RBRU and Chairperson, Sexual Harassment Committee of AAU on 'Prevention of sexual Harassment of Working Women at Workplace' on 23 February 2017, at IABMI conference hall. The lecture was attended by faculty, staff and students of IABMI. Dr. Killedar interacted with the audience on University's anti harassment policy. She also discussed about the DO's and DON'Ts at workplace, along with the ways in which the working environment can be made more conducive for both male and female workers. Dr. Y.C. Zala, Principal & Dean, IABMI, and other faculty members also shared their views with the students and staff.

CELEBRATION OF INTERNATIONAL WOMEN'S DAY AT AAU

• Anand Agricultural University celebrated International Women's Day on 8 March 2017. Women's rally was organized from University Bhavan to Veterinary College in the morning. Hon. VC Dr. N.C. Patel remained present to flag off the rally. Dr. S.H. Akbari, DSW and Dr. D.R. Kathiriya, Director, IT also remained present.

• As a part of celebration of International Women's Day, various activities and competitions were organized for the girl students of different faculties and ladies of Khetiwadi Mahila Mandal of AAU at Girls' hostel on 14 March 2017. Age group wise various competitions were held and every woman participant enjoyed the event. President of Mahila Mandal Smt. Indiraben Patel organized the event in collaboration with DSW and Asst. Rectors of Girls' hostel. More than 200 girls participated in Poster Making, Rangoli and Vegetable craft, Mehndi and Best out of Waste competitions organized on 17-18 March 2017 on the theme of 'Women Empowerment'. Prizes were distributed to five girl students.

SANVAD WORKSHOP FOR WOMEN

Anand Agricultural University and Archana Charitable Trust, Anand organized 'Samvad' workshop on 17 February 2017 for the girl students, women employees and women residing at AAU campus. The workshop was on the issue of Government schemes related to women, education, health, employment, career, security and women empowerment. About 400 girl students, lady staff attended the workshop. Dr. S.H. Akbari, DSW, Dr. K.P. Patel, Dean, Faculty of Agriculture and Dr. Ankita Killedar, Chairperson, Women Cell remained present.
STUDENTS FROM USA VISITED AAU

UG and PG students of various disciplines from World Learning Institute, USA visited Anand Agricultural University on 17 March 2017. They were on tour to various countries including Tanzania, India, Italy. Under the theme of ‘Rethinking Food Security’. They visited Educational Museum and Tissue culture Laboratory of AAU, Anand and got inspired by services rendered by Agricultural Universities of India and especially Gujarat for practical benefit of farmers and contributing towards food security.

INTER COLLEGIATE SPORTS TOURNAMENTS AT AAU, ANAND

Inter Collegiate Badminton (W), Table Tennis (W) and Volleyball (W) tournaments were held on 4-5 February 2017 at Gymkhana ground, AAU, Anand. BACA became Champion while College of Dairy Science became Runners up in Badminton. BACA became Champion while College of Agriculture Vaso became Runners up in Table Tennis. College of Horticulture became Champion while College of Dairy Science became Runners up in Volleyball Tournament.

Inter Collegiate Cricket Tournament was held during 3-6 March 2017 at Gymkhana ground, AAU, Anand. BACA became Champion while College of FPT & BE became Runners up.

GUJARAT STATE INTER AGRICULTURAL UNIVERSITY TOURNAMENTS AT SKNAGAR

Gujarat State Inter University Table Tennis (W), Volleyball (W) and Badminton (W) tournaments were organized by SDAU, Sardarkrushinagar during 10-11 February 2017. Anand Agricultural University became Champion in Badminton and Runners-up in Table Tennis and Volleyball.

Gujarat State Inter University Cricket and Chess tournament were also organized by SDAU, Sardarkrushinagar during 8-9 March 2017. AAU became Champion in Cricket and Runners-up in Chess.

SIXTH INTER POLYTECHNICS RAMATOTSAV AT AAU

Sixth Inter Polytechnic Ramatotsav was organized on 13 February 2017 at Gymkhana ground of AAU. On this occasion Hon. VC Dr. N. C. Patel presided over the function and inaugurated sports events. Dr. Arun Patel, DEE, Dr. S.H. Akbari, DSW, Dr. D.C. Joshi, Principal & Dean, FPT & BE, Dr. K.P.Patel, Principal & Dean, BACA remained present. All the five Polytechnics took part in Volley ball, Kho- Kho, Chess & Table Tennis. Sheth M. C. College of Polytechnic won in Volleyball, Kho- Kho and Chess tournaments while Polytechnic in Agriculture, Vaso won in Table Tennis and became runners up in Chess. Polytechnic in Agricultural Engineering, Dahod became Runners up in Volleyball and Table Tennis. In closing ceremony Dr. K.B. Kathiriya, DR and Dr. S.H. Akbari, DSW remained present and encouraged the students.

INTER COLLEGIATE AND POLYTECHNIC ATHLETICS AT AAU

Inter Collegiate and Polytechnic Athletics was held during 15-16 March 2017 at Gymkhana ground, Anand. Dr. N.C. Patel, Hon. VC, Dr. Dhaval Patel, Collector, Anand, Dr. S.H. Akbari, DSW, Deans and University Officers, Staff and students remained present in the inaugural function.
BASIC ROCK CLIMBING CAMP AT MOUNT ABU

Basic Rock Climbing Camp for girl students of AAU was organized during 17-26 January 2017 at Swami Vivekananda Mountaineering Institute, Mount Abu by the DSW, AAU. Total 64 girl students of different colleges of AAU participated.

ALL INDIA INTER AGRICULTURAL UNIVERSITIES YOUTH FESTIVAL 2016-17

Anand Agricultural University participated in 17th Agriunifest-2016-17 held at Rajasthan University of Veterinary and Animal Sciences, Bikaner during 22-25 February 2017. Cultural team of AAU secured first position in Mime and Cultural Procession event. Hon. VC Dr. N.C. Patel and DSW Dr. S.H. Akbari congratulated all the participants.

NSS SPECIAL CAMPS BY AAU

- Seven days NSS special camp of College of Veterinary Science and A. H., Anand was organized by Dr. R. A. Mathakiya, NSS Programme Officer under National Service Scheme during 6-12 March 2017 at Vadod village of Anand district. Total 60 student volunteers participated. The camp was inaugurated by Dr. S. H. Akbari, DSW, AAU.

THALASSEMIA TESTING PROGRAMME FOR VETERINARY STUDENTS AT AAU, ANAND

The Thalassemia testing programme was organized for First year B. V. Sc. & A. H. students on 3 January 2017 under National Service Scheme, Veterinary College, Anand. The programme was inaugurated by Dr. A. M. Thaker Dean/Principal and Dr. R. A. Mathakiya, NSS Programme Officer. During thalassemia testing programme, 67 students of first year B. V. Sc. & A. H. donated blood. This blood donation camp was conducted by Indian Red Cross Society, Ahmedabad.
MICRONUTRIENT RESEARCH AWARD

Dr. V.P.Ramani, Asso. Res. Sci., Micronutrient Research Project has been awarded for the research work on Soil-plant-Animal-Human continuum during 28th National Workshop of AICRP on MSPE at ICAR-Indian Institution of soil, Bhopal on 21 March 2017 during inaugural ceremony. The Award received from Dr. P.N. Takkar, Ex. Director ICAR-IISS, Bhopal in august presence Dr. J. C. Katiyal, Ex-DDG (Education) & Ex-VC CSHAU, Hisar, Dr. A.K.Singh, VC, RSKV, Gwalior, Shri Satish Chander, DG, FAI, New Delhi, and Dr. A.K. Patra, Director ICAR-IISS, Bhopal as well as eminent scientists.

UTTAM STALL PURASKAR TO AAU IN KRISHI UNNATI MELA-2017 AT IARI, NEW DELHI

Anand Agricultural University participated in the Krishi Unnati Mela- 2017 held at Indian Agricultural Research Institute (IARI), New Delhi during 15-17 March, 2017 in order to communicate and demonstrate the agricultural technologies to the end users at national level. Dr. Arun Patel DEE, AAU; Prof. P. C. Patel, Asst. Prof., DEE, AAU, Anand and Prof. M. B. Zala, Asst. Res. Sci., ARS, Sansolli represented the university in the said programme. During Krishi Unnati Mela, latest technologies [new varieties/ hybrids developed in various crops, liquid biofertilizers, mineral mixture, Anubhav Trichoderma, various value added products (aonla candy, flakes, bottle gourd juice, carrot halwa, bottle-gourd halwa and drumstick biscuits etc.) developed by the university were displayed and explained in depth to the visitors. The stall evaluation committee appreciated the technologies displayed by AAU. On the basis of realistic scientific information; novel crop production, agro and food processing based technologies displayed as well as interaction between scientists and visitors, an ‘Uttam Stall Puraskar’ was awarded to AAU in the plenary session of the programme.

BEST EXHIBITION STALL AWARD TO MMRS, GODHRA

The FTC, Godhra organized Agriculture Fair and Exhibition on 22 February 2017. Dr. Detroja, Managing Director, Gujarat State Seed Corporation & Additional Director of Agriculture of Gujarat State, Gandhinagar and Joint Director of Agriculture Vadodara awarded Main Maize Research Station, Godhra as Best Exhibition Stall in the fair.

BEST EXTENSION PROFESSIONAL AWARD

The 8th National Extension Education Congress, 2017 on ‘Nutrition-Sensitive Agriculture: Changing Role of Extension’ was organized at NAARM, Hyderabad during 28-31 January, 2017. The executive committee has conferred its prestigious award to Dr. P. M. Bhatt as Best Extension Professional for his outstanding contribution in the field of Extension Education. Dr. Bhatt received award in presence of Hon. VC, Dr. M. Premjit Singh, Central Agricultural University, Imphal, former VC MPUAT, Dr. R. P. Singh and Director, NAARM, Dr. R. Kalpna Sastri.

BEST POSTER AWARD

- A poster entitled ‘Purification and Characterization of ACE inhibitory bioactive peptides derived from fermented camel milk’ authored by Hati S. Solanky D. and Prajapati J. B. which was conferred Best Poster Award (First Prize) in Animal Husbandry session in the 45th Dairy Industry Conference on ‘Climate change and Dairying’ organized by Indian Dairy Association, Mumbai during 16-18 February 2017.
- Sloanky D, Hati S, Smitha B and Prajapati JB received the Best Poster Award (First Prize) for the research paper on ‘In silico & In vitro analysis of ACE inhibitory Peptides derived from fermented camel milk by proteolytic Lactobacilli’.
- Padgham P, Mann B, Hati S, Kumar A received the best poster award (2nd Prize) for ‘Use of Lactobacillus cultures to enhance the bio-functionality of fermented milk’ presented at National Seminar on Dynamism in Dairy Industry and Consumer Demands on 5-6 February 2017 at AAU, Anand.
Disappointments, challenges and failures were not meant to destroy you. They are meant to strengthen you.  
-Swami Vivekanand

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

To:  

The publication unit, DoEE, AAU, Anand publishes the monthly farm magazine ‘Krushigovidya’ regularly for the benefit of the farming community since May 1948. There are 7700 subscribers registered for this farm magazine upto March 2017. It was decided this farm magazine now in multicolor.

OUR PRIDE

Dr. R. N. Pandey, Prof. & Head, Dept. of Plant Pathology, BACA, Anand has been elected as President of Indian Phytopathological Society, IARI, New Delhi.

RETIREMENTS

January 2017
2. Shri Bhalsinh Chandrasinh Chauhan, Assistant Research Scientist, Deral.
3. Dr. Vimalkumar Rajnikant Bhatt, Professor, BACA, Anand.
4. Dr. Vyash Panday, Professor, BACA, Anand.
5. Shri Poonambhai Maganbhai Chavda, Dairy worker, College of Food Processing Technology & BE, Anand.

February 2017
7. Shri Paredshkumar Rasiklal Shah, Head Clerk, Office of the Comptroller, Anand.
8. Shri Hajabhai Lakhabhai Rabari, Field Recorder, BTRS, Anand.

March 2017

BOOK PUBLISHED FOR FARMING COMMUNITY

The publication unit, DEE, AAU, Anand published three books entitled Processing and Value Addition in Agricultural Crops, Scientific Farming of Oilseed Crops and Bio-fertilizers in gujarati language for the benefit of farming community and put for sale at nominal price to the farmers.

BOOKS PUBLISHED FOR FARMING COMMUNITY

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<tr>
<td>Processing and Value Addition in Agricultural Crops</td>
<td>₹ 70/-</td>
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<tr>
<td>Scientific Farming of Oilseed Crops</td>
<td>₹ 110/-</td>
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