



# AAU

## NEWSLETTER

Volume : 15

No. : 1

Apr.- Jun. : 2018

Publication of Anand Agricultural University

### PATRON

**Dr. N. C. Patel**  
Vice Chancellor

### EDITORIAL BOARD

**Dr. K. B. Kathiria**  
Chairman

**Dr. Arun Patel**  
Vice Chairman

### Members

**Dr. K. P. Patel**  
**Dr. A. M. Thaker**  
**Dr. D. C. Joshi**  
**Dr. M. N. Brahmbhatt**

### Editor

**Dr. N. V. Soni**

### Co-Editors

**Dr. M. K. Jhala**  
**Dr. D. D. Patel**

### Asst. Editor

**Dr. Nikhil Joshi**

### Quarterly Newsletter

Published by  
The Directorate of Extension Education  
Anand Agricultural University  
Anand - 388 110  
E-mail : [aaunews@aau.in](mailto:aaunews@aau.in)

For Office Use Only

### Message

'Ayurveda'-the knowledge of life sciences bestowed great information on medicinal values of plants. The number of medicinal plants delineated in the *Ayurvedic Samhitas, Sangraha, Granthas* and *Nighantus* has increased gradually. Various medicinal plants are recognized in Indian system of medicine 'Ayurveda' since time immemorial. The recent scientific developments in the 21<sup>st</sup> century have opened up new opportunities and challenges to this ancient system of medicine. As we know, the chief source of drug in *Ayurveda* is pure herbs or processed herbs. Looking to the diversity available in the country as a whole and state in particular, we have tremendous potential in manufacturing drugs based on medicinal plants.



Majority of the medicinal plants for trade are harvested from the wild and the demand for traditional medicinal plants is increasing rapidly. Continuous exploitation of several medicinal plant species from the wild has resulted in their population decline. Hence, an effective strategy is needed for their sustainable utilization and conservation. Cultivation is the most effective way of conservation. Cultivation can also ensure production of standardized raw materials, thereby enhancing the quality of the manufactured products. Hence, to ensure a safe, residue-free and reliable material for use in herbal drug industry, there is an urgent need to adopt strategies for cultivation of medicinal plants that are consistent with principles of good agricultural practices. The plants produce through GAP fetch higher price in the market.

The centre of Medicinal Plants came into existence at Pilvai (Mahesana) during 1972-73 and then shifted to Anand by ICAR in 1975 under erstwhile Gujarat Agricultural University (GAU) and at present it is continue under Anand Agricultural University since 1<sup>st</sup> May 2004.

The Medicinal and Aromatic Plants Research Station came into existence on 1<sup>st</sup> May 2015 at AAU, Anand. The research station is maintaining germplasm of important medicinal and aromatic plants. At present 556 accessions of medicinal & aromatic plants are being maintained systematically at the research station. The medicinal & aromatic plants serve as green library to educate the people and students. The medicinal and aromatic plants nursery provides planting materials i.e. seeds, seedling, cutting and plants for farmers and domestic use. The Medicinal and aromatic plants Research Station is currently engaged in research on *Isabgol*, *Senna*, *Ashwagandha*, *Kalmegh*, *Asalio*, *Kalijiri*, *Safed Musli*, *Safed Shankhavalli*, *Dodi*, *Tulsi* and *Basil*. The varieties viz., Gujarat Anand Senna-1, Gujarat Anand Basil-1, Gujarat Anand Ashwagandha-1 and Gujarat Anand Kuwarpathu-1 have been released recently by the station and are popular amongst farmers. In addition to above, ten recommendations have been made for the farmers for cultivation of medicinal and aromatic plants during last five years.

*N. C. Patel*

( N. C. Patel )  
Vice Chancellor



Shri Parshottam Rupala, Hon. Union Minister of State for Panchayati Raj, Agriculture, Farmers Welfare, Government of India addressing at Inaugural session

A consultation workshop on 'Doubling Farmers' Income by 2022- A Strategic Initiative' was jointly organized during June 1-2, 2018 by Department of Agriculture, Farmers Welfare and Co-operation, Government of Gujarat and Anand Agricultural University to articulate an action plan for doubling the farmers' income by the target year, i.e., 2022.

The programme was inaugurated in the august presence of Shri Parshottam Rupala, Hon'ble Union Minister of State for Panchayati Raj, Agriculture and Farmers Welfare; Shri Jaydrathsinhji Parmar, Hon'ble Minister of State, Agriculture (State Minister), Panchayat, Environment (Independent Charge), Government of Gujarat; Shri Ishvarsinh Patel, Hon'ble Minister of State, Co-operation, Sports, Youth and Cultural activities (Independent Charge), Transport (State Minister), Government of Gujarat; Shri Dilipbhai Patel (MP), Shri Lalsinh Vadodiya (MP), Shri Sanjay Prasad (IAS), Hon'ble Additional Chief Secretary, Dept. of Agriculture, Farmers' Welfare and Co-operation, Government of Gujarat; Dr. N. C. Patel, Hon'ble Vice Chancellor, Anand Agricultural University, Anand; Dr. A. R. Pathak, Hon'ble Vice Chancellor, Junagadh Agricultural University, Junagadh; Dr. P. H. Vataliya, Hon'ble Vice Chancellor, Kamdhenu University, Gandhinagar; Shri Mohammad Sahid (IAS), Secretary (Animal Husbandry), Dept. of Agriculture, Farmers Welfare and Cooperation, Govt. of Gujarat; Shri S. K. Goyel (IAS), Retd. Additional Chief Secretary, Govt. of Maharashtra; Shri Sunil Chawla, Chief General Manager, National Bank for Agriculture and Rural Development, Ahmedabad.

Around 200 officers from the State Departments, 100 Scientists from State Agricultural Universities, 100 Progressive Farmers as well as invited guests and press media participated in the workshop.

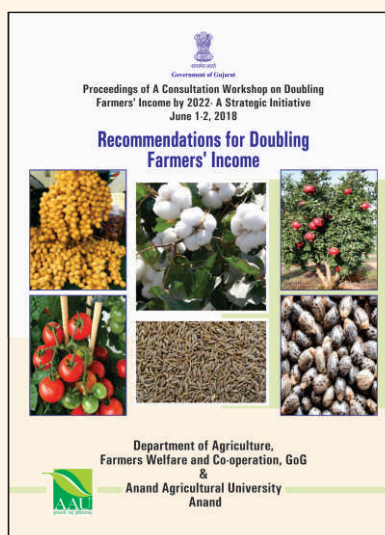


Shri Jaydrathsinhji Parmar, Hon. Minister of State, Agriculture (State Minister), Panchayat, Environment (Independent Charge), Government of Gujarat addressing at Inaugural session

The whole group of progressive farmers, officers of line departments, agricultural scientists and experts was divided into 14 sub-groups, each discussing for a specific theme. Theme area-wise discussions were made to evolve result oriented recommendations duly weighted through the grass root level experience of farmers. The interactive discussions and in-depth deliberations were very fruitful.



Shri R.C. Faldu, Hon. Minister, Agriculture, Rural Development, Fisheries, Animal Husbandry, Transport, Government of Gujarat addressing at Valedictory session



The theme wise recommendations of each group were compiled and presented during the valedictory. Finally, the document entitled 'Proceedings of the Consultation Workshop on Doubling Farmers' Income by 2022 - A Strategic Initiative - Recommendations' was published.



## NATIONAL SEMINAR ON EXTENSION STRATEGIES FOR DOUBLING THE FARMERS' INCOME FOR LIVELIHOOD SECURITY AT AAU, ANAND



Release of souvenir by Dr. N. C. Patel, Hon. VC, AAU; Dr. Ashok Patel, Hon. VC, SDAU and dignitaries

The Society of Extension Education Gujarat organized a National seminar on 'Extension Strategies for Doubling the Farmers' Income for Livelihood Security' in collaboration with Anand Agricultural University at AAU, Anand during 26-27 April 2018

Dr. N.C. Patel, VC, AAU; Dr. Ashok Patel, Vice-Chancellor, SDAU; Dr. P. H. Vataliya, VC, Kamdhenu University and Dr. Arun Patel, DEE, AAU & President, SEEG inaugurated the seminar. Dr. Arun Patel welcomed the dignitaries & delegates and highlighted the work carried out by the society and the role of agricultural extension in doubling the farmers' income. In this seminar seven thematic areas viz., extension system, the agricultural programme for livelihood, the role of ICT, technological practices, human resource management, social and economical dimensions, success and case studies of farmers were chosen. Dr. N.C. Patel, Hon. VC, AAU and Chairman of the National Seminar addressed the delegates highlighting the clarion call of the Hon. Prime Minister, Shri Narendra Modi for Doubling farmers' income by 2022 and also drew the attention on agricultural developments under new era of science and technologies. Dr. Ashok Patel, Hon. VC, SDAU, Dr. P.H. Vataliya, Hon. VC, Kamdhenu University and Dr. K.B. Kathiria, DR, AAU expressed their views on doubling farmers' income. On this occasion, the dignitaries on dais released the National Seminar souvenir. Dr. B.T. Patel Hon. Former DEE, GAU and Board of Management Member of AAU addressed the delegates on agricultural development and stressed on arranging various extension activities for the benefit of farming community. Various awards of the society were given by dignitaries to awardees viz., (1)

Best Extension Professional Awards to Dr. B.T. Patel, Dr. R.B. Patel, Dr. M.C. Soni, Dr. V.V. Mayani and Dr. J.C. Trivedi, (2) Best Extension Scientist Award to Dr. N.B. Jadav, (3) Best Young Extension Scientist Award to Dr. S. R. Salunkhe, (4) Three Best UG Students Awards & one Best PG Student Award to students of SAUs of Gujarat and (5) Best Innovative Farmer Awards to eight progressive farmers of Gujarat state. Dr. N.C. Patel, VC, AAU and dignitaries inaugurated the Poster presentation event at *Tribhuvan Krushikar Chhatralay*, AAU



Hon. VC, Dr. N. C. Patel gave the Best Extension Scientist Award to Dr. N. B. Jadav

Anand. The oral paper presentations were arranged at Conference hall at Extension Education Institute and Sardar Patel Agricultural Education Museum on seven different thematic areas. More than 400 delegates participated in the national seminar and discussed the issues of doubling the farmers' income and livelihood security in the nation by 2022.

## NEW BABY CORN HYBRID RELEASED AT AICRP (MAIZE)



The 61<sup>st</sup> Annual Maize Workshop of AICRP on Maize was organized by ICAR-Indian Institute of Maize Research (IIMR) at Bajaura, Kullu during 7-9 April 2018.

The Scientist team of Main Maize Research Station, AAU, Godhra participated in the workshop. Dr. M. B. Patel presented the work done during Rabi-2016-17 and Kharif-2017. The performance of the centre was very good and special remarks were given by the Director, ICAR- Indian Institute of Maize Research, Ludhiana. The Variety Identification Committee (VIC) meeting was convened under the Chairmanship of Dr. I. S. Solanki, Assistant Director General (Crop Sciences), ICAR, New Delhi on 8 April 2018. It is



a matter of proud that baby corn hybrid GAYMH-1 developed by MMRS, Godhra was found superior over the best check (National check) HM-4. Hence the hybrid GAYMH-1 was identified by the Central Variety Identification Committee and recommended for release and cultivation in Peninsular zone (Maharashtra, Karnataka, Andhra Pradesh, Tamil Nadu) and Central West Zone (Rajasthan, Madhya Pradesh, Chhattisgarh, Gujarat).

## GAR-14: A HIGH YIELD POTENTIAL, AROMATIC SHORT GRAIN RICE VARIETY IDENTIFIED FOR GUJARAT AND MAHARASHTRA



GAR-14 (IET24619) rice variety having yield superiority (4.4 to 6.0 t/ha.) over Shobini, Sugandhan and Krishna Kamod i.e. 31.68, 46.36 and 46.78 percent over the respective checks with desirable quality parameters viz., aromatic short grain, high head rice recovery (64.9%), intermediate amylose content (23.4 %) and medium gel consistency (45 mm), hence identified for western Zone IV (Maharashtra and Gujarat) during 53<sup>rd</sup> Annual Rice Research Group Meeting held on 13-16 April 2018. The proposal of this variety was submitted to central sub-committee on crop standards, notification and release of variety, Government of India for release.

## THE PRESS MEET ON MANGO GOTLI AT AHMEDABAD



The press meet on the topic 'Mango Gotli, a highly nutritious and valuable food, should we eat or continue trashing?' jointly organized by Gujarat Chamber of Commerce & Industry (GCCI) and J. P. Laboratories, USA on 24 April 2018 at GCCI, Ahmedabad. Dr. N. C. Patel, Hon. VC, AAU remained present and emphasized to make people aware of the nutritional values of mango kernel.

## WORKSHOP ON BALANCE USE OF FERTILIZER & INM FOR SUSTAINABLE AGRICULTURE AT AAU, ANAND



Inauguration of Workshop on Balance use of Fertilizer by Dr. N. C. Patel, Hon. VC, AAU, Shri Sanjay Prasad, Hon. ACS, Dept. of Agriculture, GoG and other dignitaries

A workshop on 'Balance Use of Fertilizer and Integrated Nutrient Management for Sustainable Agriculture' was inaugurated on 15 June 2018 at AAU, Anand by Dr. N. C. Patel, Hon. VC, AAU; Shri Sanjay Prasad, Hon. Additional Chief Secretary, Dept. of Agriculture, Farmers' Welfare and Co-operation, Government of Gujarat and other dignitaries. The workshop jointly organized by FAI, Western Region in collaboration with AAU for disseminating the knowledge at farmers' field & sustain the soil health for next generation.

## RECOGNITION TO WORK ON METHANE DEGRADING BACTERIA

Dr. Yogeshvari K. Jhala, Asst. Prof. (Micro.), Dept. of Agricultural Microbiology, B. A. College of Agriculture, AAU, Anand was recognized for Indian Record for innovative research on unique methane degrading bacteria. This record has been registered in India Book of Records-2018 (an official Indian Record Book registered with Government of India with RNI no HARENG/2010/32259). This achievement was recognized by India Book of Records and included in their 2018 edition.





## BIO NPK LIQUID BIOFERTILIZERS TECHNOLOGY LICENSING MoU



An MoU for Bio NPK Liquid Biofertilizers Technology was exchanged in the august presence of Shri Parshottam Rupala, Hon. Union Minister of State for Agriculture & Farmers Welfare, GoI, Shri Jaydrathsinhji Parmar, Hon. Agriculture Minister (State Minister) GoG, Dr. N.C. Patel, VC, AAU and dignitaries

An MoU for Bio NPK Liquid Biofertilizers Technology licensing was signed and exchanged between Anand Agricultural University and M/s Margosa Biogrow India Pvt. Ltd. Vadodara on 01 June 2018 during inaugural function of 'Consultation Workshop on Doubling Farmers' Income by 2022- A Strategic Initiative' jointly organized at AAU Anand, in esteemed presence of Shri Parshottam Rupalaji, Hon. Union Minister of State for Panchayati Raj, Agriculture and Farmers Welfare; Shri Jaydrathsinhji Parmar, Hon. Minister of State, Agriculture (State Minister), Panchayat, Environment (Independent Charge) GoG; Dr. N. C. Patel, Hon. VC, AAU and other dignitaries.



Release of booklet by Shri Parshottam Rupala, Hon. Union Minister of State for Panchayati Raj, Agriculture and Farmers Welfare, Dr. N. C. Patel, Hon. VC, AAU and dignitaries



A booklet entitled Microbial bioremediation- A safeguard to Environment narrating research initiatives and success of Department of Agricultural Microbiology, B. A. College of Agriculture, AAU, Anand on

microorganisms for methane gas bioremediation as well as agro-waste biodegradation was released on the same occasion by Hon. Shri Parshottam Rupalaji.

## STATE ANNUAL GROUP MEETING OF COTTON

State Annual Group Meeting of Cotton was hosted by Regional Research Station, AAU, Anand on 23 May 2018. Dr. K. B. Kathiria, DR, AAU, while welcoming the group suggested to



focus on germplasm exchange and evolving strong monitoring system among all the centres. Dr. H. R. Patel, ADR, AAU, also took part in the meeting. Total 40 participants from Cotton Research Stations of Gujarat State participated in the meeting and discussed about planning of the experiments related to crop improvement, crop production and plant protection in cotton for the ensuing season. A booklet on 'Quality Anubhav Seed of different varieties in various crops produced by Anand Agricultural University' was also released on this occasion.

## THREE PROMISING MAIZE HYBRIDS DEVELOPED BY AAU



Dr. M. B. Patel, Unit Head & Associate Research Scientist, MMRS, Godhra visited Nakhon Sawan Field Crop Research Center (NSFCRC), Takfa, Thailand

to attend Project Annual Review and Planning meeting. He presented CRMA trial results and future action plan of Main Maize Research Station, AAU, Godhra.

From 18 trials, three hybrids were identified as promising which yielded higher at multi locations. These 3 hybrids were identified through All India Co-ordinated Research Project trials. AAU has been given the license from CIMMYT for exclusive right of product development for promising hybrids CAH1511, ZH161032 and VH11130.

## AICRP REVIEW MEETING



Dr. A.J. Dhami, Principal Investigator cum Professor & Head, Dept. of Gynaecology & Obstetrics, Veterinary College, AAU, Anand attended 4<sup>th</sup>

Annual Review Meeting of 'AICRP on Nutritional & Physiological Approaches for Enhancing Reproductive Performance of Animals' at Bharatiya Agro-Industrial Foundation (BAIF), Pune on 26 May 2018 and presented the detailed report of work done by AAU, Anand Centre, which was well appreciated by the entire team of 12 centers and the panel of reviewer from Lead Centre, NIANP, Bangalore and ICAR, New Delhi including DDG Animal Sciences.

### MEETING FOR PLANNING OF ANNUAL SEED/ PLANTING MATERIALS' PRODUCTION PROGRAMME, 2018 -19

A meeting to finalize Seed/ Planting materials' Production Programme, 2018 -19 of Anand Agricultural University was organised under the Chairmanship of Hon.



Director of Research, Dr. K. B. Kathiria on 19 April 2018 at RRS, AAU, Anand. Anticipated need of various types and categories of seeds was briefed by Hon. DR, Dr. K. B. Kathiria and Nodal Officer (Seed), Dr. A. D. Patel briefed about the targets of Seeds/ Planting materials for 2018-19. Total 380 ha. area was planned for seed production of major crops of the central Gujarat, viz. Paddy, Maize, Wheat, Castor, Green gram, Pigeon pea, Soybean, Lucerne, Oat, Gram, *Deshi* Cotton and Tobacco during *Kharif* and *Rabi* seasons of 2018-19. Total 68 participants covering all the 31 Centres/ Dept. of the University producing different Seeds/ Planting materials participated in the meeting.

### 31<sup>ST</sup> MEETING OF MANAGEMENT COMMITTEE OF EXTENSION EDUCATION INSTITUTE AT ANAND

31<sup>ST</sup> Meeting of Management Committee of Extension Education Institute, Anand was held under the Chairmanship of Hon. VC, AAU, Dr. N. C. Patel on 06 June 2018 at EEI, Anand. He expressed his happiness that EEI is working aiming high targets and he also congratulated Dr. Arun Patel, Director, EEI along with his team for higher performance.

At the outset of the meeting, Dr. Arun Patel, Director, EEI, Anand welcomed Dr. N. C. Patel and elaborated different achievements of EEI. He added that EEI has accomplished milestone of 2000 participants under able leadership of the Hon. VC. He also welcomed Dr. Neeraj Suneja, Director, Administration, DAC & FW, GOI, New Delhi and all the members of Management Committee from various line



The 31<sup>st</sup> Meeting of Management Committee of EEI under the Chairmanship of Dr. N. C. Patel, Hon. VC, AAU at Anand

departments and institutions of clientele states of EEI jurisdictions.

Dr. Neeraj Suneja appreciated efforts of EEI, Anand and wished for continuous and successful the organization of training programmes.

### INTRODUCTORY VISIT TO FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY (FAMU), TALLAHASSEE, FL, USA



Anand Agricultural University (AAU), Anand has signed MoU with Florida Agricultural and Mechanical University (FAMU) in January, 2018 for the advancement in research and education through collaborative approaches for mutual benefits. As a part of MoU, a team of three delegates viz Dr. K. B. Kathiria (Director of research & Dean PG Studies), Dr. K. P. Patel (Principal & Dean, Faculty of Agriculture) and Dr. Y. C. Zala (Principal and Dean, Faculty of Agriculture Business Management) visited FAMU during 18th -22nd June, 2018.

Dr. Larry Robinson, President, FAMU appreciated the efforts made by AAU to collaborate with FAMU under MoU. The members of delegation suggested that in first phase, the faculty exchange programmes of short duration may be initiated for the capacity building (HRD) in certain specialized areas viz. Geospatial/remote sensing technologies for NRM, methane emission in paddy fields and its mitigation options through microbiological / biotechnological approaches, heavy metal contaminations indicators and bioremediation / mitigation techniques, use of medicinal plants for





pharmaceuticals, food safety research, drone technology and cyber security, molecular breeding and biotechnological approaches for desired quality

products etc. Short duration student exchange programmes were also thought possible at either of the university. In second phase joint research programmes based on availability of funds for promising areas could be initiated for mutual interest.

## DISTINGUISHED VISITORS



Exhibition visited by Hon Agriculture Minister, Govt. of Gujarat, Shri R. C. Faldu at Joint AGRESCO committee meeting at JAU, Junagadh

AAU's new varieties, technologies and products exhibition was arranged during combined joint AGRESCO meeting of SAUs of Gujarat at Junagadh Agricultural University on 5 April 2018. Hon Agriculture Minister, Govt. of Gujarat, Shri R. C. Faldu visited the exhibition of SAUs on the occasion and took keen interest in AAU's Anubhav Bio NPK liquid biofertilizer product.



- Shri Anil Bhatia, Director, WMT Dept., Govt of India visited Dept. of Agricultural Microbiology and biofertilizer project on 19 April 2018

and remarked as Most useful and informative Biotech Unit and lab set up in AAU.

- Dr. Harsh Kumar Bhanwala, Chairman, NABARD along with a delegation visited Anand Agricultural University, on 25 April 2018. He had an interaction meeting with the Hon. VC, Dr. N.C. Patel; Director of Research, Dr. K.B. Kathiria; the University Officers of AAU; Deans & Unit Heads, ADRs and ADE, which was followed by discussion on various research, education and extension education activities carried out at AAU, Anand. He then visited Sardar Patel Agricultural Educational Museum, Tissue Culture Laboratory and College of FPT & BE. He was impressed by the educational system and allied activities being carried out at AAU, Anand as well as by the available state of art infrastructural facilities.



- Prof. Vasant Gandhi, IIM, Ahmedabad visited Sardar Patel Agricultural Educational Museum on 30 April 2018.



- Shri Mukesh Shah, Joint Secretary, Climate Change Dept., GoG and Swetal Shah, Technical Advisor, Climate Change Dept., Sachivalay, Gandhinagar visited

Sardar Patel Agricultural Educational Museum on 25 May 2018. He then visited Biofertilizer project and appreciated the work done on methylotropic bacteria which reduces methane emission from rice ecosystem.

- Ms. Juthika Patankar (IAS), Principal Secretary to Hon. Governor of Uttar Pradesh and Dr. Rajvir Singh Rathore, O.S.D., Education, Raj Bhavan, Lucknow visited Anand Agricultural University, Anand during 28 and 29 May 2018.

They had an interaction meeting with the Hon. VC, Dr. N. C. Patel, Director of Research, Dr. K. B. Kathiria, the University Officers of AAU, Deans and Unit Heads, ADRs and ADE, which was followed by discussion on various research, education and extension activities carried out at AAU, Anand. Then they visited Biofertilizer unit, Medicinal & Aromatic Plants Research Station, Trichoderma Laboratory, Tissue Culture Laboratory, Horticulture Farm, Regional Research Station Farm and College of FPT & BE. They were impressed by the educational system and allied activities being carried out at AAU, Anand as well as by the available state of art infrastructural facilities.



- Dr. G. S. Tiwari, Director, Extension Education, MPUAT, Udaipur visited Sardar Patel Agricultural Educational Museum on 26 June 2018.

## VISIT TO UNIVERSITY OF QUEENSLAND, AUSTRALIA



Dr. Subrota Hati visited University of Queensland, Australia for conducting the research work on 'Biotransformation and bioavailability

of soy isoflavones in a fermented soy beverage' at School of Agriculture and Food Sciences, The University of Queensland, Australia under the guidance of Dr. Sangeeta Prakash and Prof. Bhesh Bhandari from January, 2018 to June, 2018. The entire expense was borne by the DBT, New Delhi under Indo-Australian Career Boosting Gold Fellowship 2016-17.

## CERTIFICATE DISTRIBUTION-CUM-ORIENTATION PROGRAMME OF DAESI BY IDEA AT AAU, ANAND



Certificate distribution and orientation program of DAESI at AAU, Anand

Certificate Distribution-cum-Orientation Programme for Diploma in Agricultural Extension Services for Input Dealers (DAESI) was organized at Institute of Distance Education, AAU, Anand on 15 June 2018 under the Chairmanship of Dr. N. C. Patel, Hon. VC, AAU. Shri Sanjay Prasad (IAS), Additional Chief Secretary, Dept. of Agriculture, Cooperation & Farmers Welfare, GoG remained present as Chief Guest. Shri B. M. Modi, Director of Agriculture, Gujarat State, Dr. K. B. Kathiria, DR and Dr. Arun Patel, DEE, AAU remained present as the Guests of Honor.

The programme was started with welcome address by Dr. C. P. Desai, Director-IDEA followed by floral welcome of the dignitaries and lighting of lamp by the dignitaries.

Shri Sanjay Prasad opined that SAUs should start the courses on latest research technologies for input dealers that would be helpful to update their knowledge. SAUs should try to provide improved seeds, bio-fertilizers, bio-pesticides etc developed by them to farmers through the input dealers. They should provide personal guidance to the farmers on soil, water, fertilizers etc using soil health card through the input dealers. He advised the input dealers to establish agro service centres in order to bring uncultivated land under cultivation through sowing of various crops.

Dr. N. C. Patel, Hon. VC, AAU along with other dignitaries on the dais awarded Diploma certificates to 50 input dealers. During the presidential address, He stressed that input dealers should establish a good rapport with the farmers and should develop their business with ethical values. He also advised the input dealers that while purchase of agril. inputs from the





Shri Sanjay Prasad, ACS, Dept. of Agriculture Co-operation & Farmers Welfare, GoG  
distributing certificates to input dealers

producers, they should first check their quality and then it should be sold to the farmers.

Shri B. M. Modi, Director of Agriculture, Gujarat State said that input dealers should advise the farmers about the usages of good quality inputs along with farm mechanization in agriculture. Dr. K. B. Kathiria, DR, AAU informed regarding usefulness of the course in future. Dr. Arun Patel, DEE said that most of the farmers get agricultural information from the input dealers at grassroot level. Hence, they have to perform a big role so far as advisory services to the farmers are concerned.

### LIVE TELECAST OF DIALOGUE WITH THE HON'BLE PRIME MINISTER WITH FARMERS WAS ORGANIZED AT KVK, ANAND



Krishi Vigyan Kendra, Devataj organized the programme of live telecast for farmers with Hon'ble Prime Minister of India, Shri Narendra Modi on 20 June 2018. About 104

farmers including women farmers were present from different villages of Anand district to join the live telecast. After this telecast, Dr. Arun Patel, DEE, AAU requested the farmers to adopt recommendations of the University so that farmers' income may get double. He also apprised farmers about the Agriculture magazine 'Krishigovidhya' and Kisan Call Center '1551' activity of AAU.

### CELEBRATION OF KISAN KALYAN MAHOTSAV 2018

- AAU's products exhibition and sale to farmers during Kisan Kalyan Mahotsav 2018 was held at APMC Jetalpur (Dist Ahmedabad) on 2 May 2018.



- Kisan Kalyan Mahotsav-2018 was organised at Vaso campus on 2 May 2018 in the presence of Shri Amitbhai Patel, President of Taluka Panchayat, Smt. Rinaben Patel, District Registrar, Dr. Dola J Chakravarti, Taluka Implementing Officer, Shri. Rajendrabhai Patel, Member of Taluka Panchayat and Smt. Lilaben Patel, Sarpanch, Vaso. Total 585 Farmers and Farm women participated in this event.

### FARMERS TRAINING AT MMRS, AAU, GODHRA



- A one day training programme on 'Research and Demonstration of Bio-fertilizer in Tribal Area of Gujarat' was organized at MMRS, Godhra during 18

June 2018. Total 70 farmers of different talukas of Panchmahal, Dahod and Mahisagar Districts participated.

- Under the ICAR sponsored TSP project, three one day On-Campus trainings were organized at MMRS, Godhra during 16-30 May and 20 June 2018. Dr M. B. Patel, Unit head & Asso. Res. Sci. informed farmers about importance of seeds and recommended varieties of maize; Prof D. M. Rathod, Asstt Res.Sci. (Extn. Edu.) informed farmers about Bio-NPK Consortium, their application and advantage. Under this programme, farmers also purchased the latest GAYMH-1 hybrid maize.



### TRAINING PROGRAMME ON IWM AT AAU, ANAND

Training programmes on 'Integrated Weed Management in Modern Agriculture' were organized by AICRP-Weed Management for the farmers of Gujarat during 17-19 May, 18-



20 June and 28-30 June 2018 at Aniket farmers' hostel, AAU, Anand. Dr. B. D. Patel, Agronomist and Shri D. D. Chaudhari, Jr. Agronomist, AICRP-WM highlighted various methods to manage weeds in the important crops and non-crop area, effect of herbicides on soil, plant and microflora. Spraying of herbicides was also demonstrated during the practical session. Total 116 farmers participated.

### TRAINING PROGRAMMES AT ARS, SANSOLI



Two training programmes on 'Cropping Practices of Kharif Crops' and 'Doubling the farmers' income through Agriculture and Animal Husbandry' were organized at Farm Technology Training

Centre, Nenpur on 26 & 28 June 2018. Total 63 farmers from different villages of Mahemdavad taluka participated.

### IPM TRAINING PROGRAMME



Distribution of literature to trainee by Dr. N.C. Patel, Hon. VC, AAU

Under the scheme 'Integrated Pest Management' supported by State Government, 6 IPM trainings were conducted during April-June 2018 at Dept. of Entomology, BACA, AAU, Anand. Total 200 farmers from Amreli, Navsari, Vadodara, Mehsana and Anand districts of Gujarat participated.

### TRAINING ON AUSHADHIY VANASPATINI KHETI



A training entitled 'Aushadhiy Vanaspatini Kheti' was organized at Medicinal & Aromatic Plants Research Station, AAU, Anand. Twenty four female farmers from remote areas like Dediapada

(District: Narmada) and 36 farmers from Vijapur (District: Mehsana) participated and gained practical knowledge and

know how on cultivation of medicinal plants. The training comprised of 13 lectures along with field trip to farmers growing medicinal plants.

### TRAINING PROGRAMME ON QUALITY SEED PRODUCTION IN SOYBEAN AND PULSES AT DEVGADH BARIA

Under the aegis of ICAR sponsored Seed Project, Regional Research Station, AAU, Anand in collaboration with Tribal Research & Training Centre, AAU, Devgadha Baria organised a



one day training programme on 'Quality Seed Production in Soybean and Pulses' at Devgadha Baria on 5 June 2018. Nodal Officer (Seed) & Research Scientist, RRS, AAU informed the farmers about objectives of the scheme and efforts being made by the University for increasing availability of quality seeds. Dr. G. G. Patel, Head, TRTC, AAU, Devgadha Baria encouraged the farmers for adopting soybean and its new varieties. Dr. Ajay Bhanvadia briefed about soybean and pulse crops production technology, while Prof. J. S. Doshi gave information about soybean and value addition opportunities. Total 35 progressive farmers participated in the programme.

### TRAININGS BY SSK, AAU, ANAND



- Two day training programme was organized at Sardar Smruti Kendra, DoEE, AAU, Anand for Women's Group of ATMA Project, Kachchh during 18-19 June 2018.

- Two day training programme was organized at Sardar Smruti Kendra, DoEE, AAU, Anand for Women's Group of ATMA Project, Ahmedabad during 21-22 June 2018.



### FIELD DAY ORGANIZED AT KVK, ANAND

Krishi Vigyan Kendra, AAU, Devataj, organized field day under National Food Security Mission Project on CFLDs on pulse crop. Under this project, 75 demonstrations for the GAM-5 variety of Mungbean crop were organized during





summer-2018 for introduction of new mungbean variety. KVK organized two field days on 25 & 30 May 2018 at Demol (Ta. Petlad) and Bechari (Ta. Umreth), respectively.

Progressive farmers Shri Hardikbhai Patel, Shri Jagdishbhai Patel and Shri Bhagvatsang Patel inspired others farmers for cultivation of Mungbean for more profit and maintaining the soil health.

### KHEDUT SHIBIR AT DABHOI



Paddy Research Station, AAU, Dabhoi conducted a Khedut Shibir under Sardar Sarovar Project on 14 May 2018 at Vasai. Dr. H. R. Patel, ADR, AAU and Dr. H. P. Patel Unit Head, Pulse Research Station,

Vadodara remained present and gave their valuable suggestions related to the topic of training and about new improved techniques in agriculture. Total 160 farmers of Dabhoi taluka participated.

### ONLINE ADMISSION PROGRAMME FOR UG B GROUP - 2018-19 (<http://www.bgsauca.in>)



For UG, B Group programme, AAU developed a system for common admission to colleges of State Agricultural Universities. Students able to apply for admissions online at colleges managed by Junagadh Agricultural University, Navsari Agricultural University, Sardarkrushinagar Dantiwada Agricultural University apart from AAU. IT center of AAU manages all the activities related to online handling of admission.

### ONLINE JOB APPLICATION (<http://ojas.ssauca.in>)

Anand Agricultural University has developed a system for online applications for different teaching & non-teaching posts using the online job application system. AAU also caters the demand of online job application to other State Agricultural Universities.

### ANNUAL DAY IGNIS 2K 18 AT BACA, AAU, ANAND



Distribution of the prize to student by Dr. N. C. Patel, VC, AAU and dignitaries

B. A. College of Agriculture, AAU, Anand celebrated the Annual Day Function 'IGNIS 2K18' on 16-17 April, 2018. The inaugural function was presided over by Dr. N. C. Patel, Hon. VC of AAU and Mr. Deepak Soliya (Writer & Speaker columnist) graced the occasion as Chief Guest of the function. Dr. K. B. Kathiria (DR), Dr. Arun Patel (DEE) and Dr. S. H. Akbari (DSW), AAU also remained present as Guests of Honor. The programme commenced with lighting of ceremonial lamp by dignitaries. Principal of the College Dr. K. P. Patel welcomed the eminent guests which was followed by presentation of Annual Report by Mr. Tanay Shah, General Secretary. The Chief Guest being alumnus of the college expressed his gratitude to the institution and motivated the students by his thought provoking speech. The guests presented prizes to the students for their outstanding performance in various activities during the year 2017-18. Hon. VC inspired the students and advised them to perform extraordinary task in their career for the cause of agriculture science and farmers. Different cultural events viz;



mime, folk dance, solo dance and duet dance were performed by students of the college during the celebration.



## ANNUAL DAY PRECISION-2018 CELEBRATED AT VASO CAMPUS



Annual day 'Precision-2018' was celebrated jointly by College of Agriculture and Polytechnic in Agriculture, AAU at Vaso on 16-17 April 2018. On this occasion, different events like Fun

game, Treasure hunt, Quiz, Garba, Rangoli competition, Antakshari, Cultural programme, Prize distribution were organized. Hon. VC of AAU, Dr. N. C. Patel; Dr. S. H. Akbari, DSW, AAU; Dr. A. M. Shekh, Former VC of AAU; Dr. K. P. Patel, Principal & Dean, B. A. College of Agriculture and Shree Hasmukhbhai Patel, an engineer of Vaso village remained present and gave their blessings and encouragement to the students and faculties.



Inauguration of Annual Day by Dr. N. C. Patel, Hon. VC, AAU & dignitaries

## ANNUAL DAY: IMPULSE-2018 AT VETERINARY COLLEGE, AAU, ANAND

Two days Annual Celebration: Impulse-2018 was held on 18-19 April 2018 by Students Representative Council of Veterinary faculty at College of Veterinary Science & A.H., AAU, Anand. On this two days celebration, various events like Painting Festival, Poster Making, Mehendi Competition, Hands and Face Painting, Treasure Hunt, Poem Competition, Dumb Cherads, Bollywood Quiz, various One minute play games as well as Cultural programme were arranged. Hon. VC of AAU, Dr. N.C. Patel as President; DR, Dr. K.B. Kathiria and DSW, Dr. S.H. Akbari as Chief Guests and Registrar, AAU, Dr. M.N. Brahmhatt as Guest of Honor graced the function. They awarded various certificates and trophies to the winner students. On this occasion, a book '30 Iconic Vets- Animal



Dr. N. C. Patel, Hon. VC, AAU and dignitaries Inaugurating the Annual Day

Welfare Activists & Environmentalists: their success stories, our learning' written by Dr. Sudipt Laik was released by the dignitaries. The annual day celebration was successfully organized under the guidance and motivation of Principal & Dean, Dr. A.M. Thaker; S.R.C. Chairman Dr. J.B. Nayak and all the SRC Committee members of Veterinary faculty.



## ANNUAL DAY CELEBRATION AT COLLEGE OF AGRICULTURE, JABUGAM



Inauguration of Annual Day at College of Agriculture, Jabugam by Dr. N. C. Patel, VC, AAU

The 2<sup>nd</sup> Annual Day 'UNMESH-2018' was celebrated at College of Agriculture, AAU, Jabugam on 24 April 2018. The celebration started with the inaugural function under the Presidentship of Hon. VC, Dr. N. C. Patel in the presence of





other dignitaries Dr. K. B. Kathiria, DR; Dr. K. P. Patel, Dean, Faculty of Agriculture; Dr. S. H. Akbari, DSW, AAU, Anand. Dr. Sunil R. Patel, Principal welcomed the guests with brief

introductory remarks about the College. General Secretary, Mr. Vikram Shiyal then presented the report of college activities for the year 2017-18. The dignitaries Dr. K. B. Kathiria, Dr. K. P. Patel and Dr. S. H. Akbari graced the occasion with their inspiring speech. Medals, trophies, cash prizes and certificates were then distributed to the meritorious students as well as winners/participant students of various intercollegiate / interuniversity events. Lastly, Hon. VC congratulated the students and staff for their remarkable progress, blessed the students particularly those who were on verge of completion of their graduation for their bright future and guided them to prepare for the national level examinations and be good citizens. After inaugural session, the students with great zeal and enthusiasm presented various cultural events such as Drama, Skit, Dance, Mime etc.

#### ANNUAL DAY : SPROUT'18 AT FPT&BE, AAU, ANAND



Releasing of 'FOOD TECHNICA' college magazine by Dr. N. C. Patel, Hon. VC, AAU; Dr. C. J. Dangaria, Hon. VC, NAU and dignitaries

The 9<sup>th</sup> Annual Day of the College of Food Processing Technology & Bio-Energy was celebrated on 08 May 2018. Dr. C.J.Dangaria, Hon. VC, Navsari Agricultural University and Shri. Bhavesh Chelani, Director, Santhusti Shakes Pvt. Ltd., Vadodara were the chief guests of the evening. Dr. N.C. Patel,

Hon. VC, AAU, presided over the function. Dr. K. B. Kathiria, DR, AAU, and Dr. S.H. Akbari, DSW, AAU were the Guests of Honour. On this occasion, the college magazine 'FOOD TECHNICA' was released.



The prizes for the winners of all the college events were distributed. The cultural night where the students performed songs, dance, drama etc. followed after the formal function.

#### ANNUAL DAY SPARK-2018 AT SHETH M.C. POLYTECHNIC IN AGRICULTURE



The students of Sheth M. C. Polytechnic in Agriculture, AAU, Anand celebrated 7<sup>th</sup> Annual Day 'SPARK-2k18' on 19 May 2018. Cultural activities viz., solo-dance, group

dance, drama-dance, surprise-gift, karate based dance etc. were performed by the students with great energy and enthusiasm in the morning hrs of Annual Day.

The programme was inaugurated by Hon. Director of Research, Dr. K. B. Kathiria, with other dignitaries Dr. K. P. Patel, Principal & Dean (Agriculture); Dr. S. H. Akbari, DSW and Dr. V. J. Patel, Principal of this polytechnic. Dr. V. J. Patel welcomed the dignitaries, invited guests and students and narrated history and activities of diploma school. Dr. K. B. Kathiria blessed the students for their bright future and also provided valuable guidance to last year students. He also inspired the students for acquiring the higher post-graduate degree that will provide better opportunities in future life. Dr. K. P. Patel also blessed the students and expressed happiness to know various cultural, educational, NSS, career oriented, spiritual and awareness activities performed by the students round the year and also congratulated the faculty members of polytechnic. Dr. S. H. Akbari inspired the students to perform better in various co-curricular and extracurricular activities.



## AWARENESS RALLY ON SAVE WATER AT VASO VILLAGE



An awareness rally was organized with motto of **'SAVE WATER'** under Sujalam Sufam Water Conservation Programme at Vaso village by NSS volunteers of College of

Agriculture and Polytechnic in Agriculture, AAU, Vaso on 25 May 2018. NSS volunteers and staff members participated and aware the people about conservation of water with different posters, slogans and door to door campaign in Vaso village. Shri. Kanubhai Patel, Chairman, Co-operative society, Vaso welcomed NSS volunteers and narrated the importance of saving water in our day to day life.

## CELEBRATION OF WORLD ENVIRONMENT DAY



'World Environment Day' was celebrated at Khansol village on 5 June 2018, jointly by KVK, AAU, Devataj and Forest Dept., Sojitra. Dr. G.G. Patel Sr. Scientist & Head, KVK,

Devataj gave information about this year's theme of World Environment Day i.e. 'the impact of the plastic waste on environment'. Mrs. Amitaben Parmar, Scientist, explained the methods of prevention of air, water and soil pollutants and advised to plant more trees. Dr. S.B. Katole, Scientist, discussed the impact of plastic pollutants on animal health and requested to reduce the use of plastic and to promote tree plantation. Dr. R.M. Patel, Scientist, suggested to educate school children regarding harmful effects of plastic. Smt. Viruben Gordia, In-charge Range Forest Officer, Sojitra gave information about various schemes of the forest department. Total 118 farm women participated.

## CELEBRATION OF WORLD VETERINARY DAY 2018

Krushi Vigyan Kendra, AAU, Devataj celebrated 'World Veterinary Day' on 28 April 2018. It was celebrated to highlight and promote different facets of the work performed by veterinary doctors and to



create awareness on their contribution to improve animal health and welfare as well as public health throughout the globe. Invited guest for the programme was Dr. Pankaj Gaikwad, Veterinary Officer (Sojitra). Dr. S.B. Katole, Scientist, welcomed all the livestock farmers and suggested to go for scientific livestock farming for more profit. Dr. Pankaj Gaikwad discussed regarding various common diseases of animals and household remedies for those disease conditions. He also stressed that regular deworming should be carried out to avoid parasitic infestation in animals. Total 40 farmers participated.

## PLEDGE CEREMONY OF ANTI-TERRORISM DAY AT VETERINARY COLLEGE, AAU, ANAND

College of Veterinary Science and Animal Husbandry, AAU, Anand celebrated Anti-Terrorism Day on 21 May 2018 at Kapila conference hall. On this occasion, Dr. A.M. Thaker, Principal & Dean, Veterinary College, Anand delivered a talk on terrorism and its effects on human in our country. He also briefed on to wean away the youth from terrorism and violence by highlighting the suffering of the common people due to terrorism. Anti-terrorism/anti-violence pledge was taken by all the students and staff members at the end of ceremony.



## INTERNATIONAL DAY OF YOGA



Dr. N. C. Patel, VC, AAU addressing the participants on the celebration of International Yoga Day at AAU, Anand





- June 21 is declared by the United Nations as 'International Day of Yoga'. In this context, 4<sup>th</sup> International Day of Yoga was celebrated at AAU on 21 June 2018, Hon. VC, Dr.

N.C. Patel remained present and appealed to practice yoga regularly to maintain good health. In the celebration, the unit/sub-unit officers, employees, students, NSS volunteers and family members of the university participated.

- As a part of celebration of International Day of Yoga, a three day yoga camp was organized during 16-20 June 2017. University Officers, employees, students and the families living in the staff quarters of the university participated. Mrs. Monika Patel, Yoga Teacher, Art of living Centre, Anand provided guidance about benefits of Yoga through *Asana*, *Pranayama* and *Dhyan* during the camp.



### PHYSIOTHERAPY CAMP



Anand Agricultural University and Shri Krishna Hospital, Karamsad jointly organized a Physiotherapy Camp during 04-09 June 2018 at Health Center, Anand. Joint Pain, Neck Pain, Paralysis, Head Injury, Polio, Osteoarthritis, Sciatica, Nerve Injury, Diabetic Neuropathy, Fracture, Sports Injury tests were done and treatments were conducted by the expert doctors and their team. Total 83 patients enrolled in the camp.

### HEALTH CHECK UP CAMP FOR UNIVERSITY LABOURERS

Health Check up for University labours of RRS Farm, Main Forage Research station, Agronomy farm, Medicinal and Aromatic Center etc. of AAU was organized during April- June 2018 at Health Center, Anand. Various tests like R.B.S.,

Hb., B.P. etc. were done to determine health status of the labourers. Around 230 university labourers were checked during the camp.



### BHARAT SHIKSHA RATAN AWARD



Dr Y C Zala, Principal & Dean, International Agribusiness Management Institute, AAU, Anand received prestigious "BHARAT SHIKSHA RATAN AWARD FOR BEST PERSONALITIES" for outstanding achievement in education, research and extension in the field of Agriculture in general and

Agriculture Economics and Agribusiness Management in particulars from Economic Growth Foundation (EGF), Delhi on 7 April 2018. The Award was given on the occasion of a seminar on 'Globalization of Economic Growth & Social Development'.

### INSA VISITING SCIENTIST AWARD: 2018-2019

Dr. Subrota Hati has been selected for INSA Visiting Scientist Award: 2018-2019 by Indian National Science Academy (INSA), New Delhi for conducting the research work on Characterization of Bioactive peptides from fermented soy milk at Food & Nutritional Biotechnology Division, National Agri-Food Biotechnology Institute (NABI), Mohali, Punjab under the mentorship of Dr. Kiran under INSA Visiting Scientist programme.

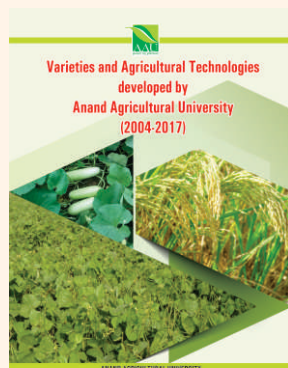
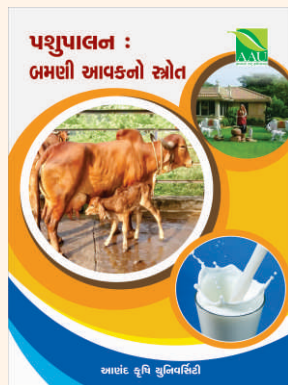
### BEST POSTER AWARDS

The best poster awards were received by AAU Scientists in the National Seminar on Fermented Dairy Foods and their Health Benefits organized by SASNET-Fermented Foods in association with National Academy of Dairy Science India and National Dairy Research Institute organized during 26-27 May 2018 at NDRI, Karnal.

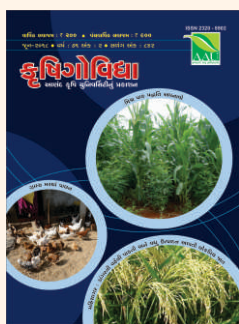
- Mr. Divyang Solanki, Dr. Subrota Hati and Dr. J B. Prajapati received the Second Best Poster Award for the research paper on 'Considering the ACE-inhibitory peptides releasing potential of proteolytic Lactobacilli in Camel milk: a RP-LC/MS based analysis'.

- Ms. Shrushti Makwana, Dr. Subrota Hati, and Dr. J B. Prajapati received the First Best Poster Award for the research paper on 'Impact of Ultra Sonication on the production of  $\beta$ -galactosidase enzyme from Lactic Acid Bacteria and its application for the preparation of lactose hydrolysed milk'.
- Ms. Shilpa S. Nair and Dr. J B. Prajapati got the Second best Poster Award for the research poster titled 'In-Vitro Evaluation of Probiotics on Oral Health'.
- Ms. Rachana R. Desai and Dr. Sreeja V., Dairy Microbiology Dept., were awarded the third Best Poster Award for the research paper on 'Nutritional status and quality of regular probiotic curd and probiotic Greek yoghurt type products made from buffalo milk'

### PUBLICATIONS BY AAU



### PUBLICATION OF FARM MAGAZINE



The Publication Unit, DoEE, AAU, Anand publishes the monthly farm magazine 'Krushigoviddya' regularly for the benefit of the farming community since May 1948. There are 10,600 subscribers registered for this multicolored farm magazine upto June 2018.

### RETIREMENTS

#### April 2018

- 1 Shri Mayurbhai Bhagubhai Patel, Office of the Registrar, Anand
- 2 Shri Gansyambhai Mohanbhai Sharma, Office of the Comptroller, Anand
- 3 Shri Bahadursinh Narsangbhai Padhiyar, Dairy Science College, Anand
- 4 Shri Rameshbhai Rayjibhai Patel, Pulses Research Station, Vadodara

#### May 2018

- 5 Dr. Raghubhai Bhikhabhai Patel, Professor(p), BACA, Anand
- 6 Dr. Jaysingh Chandrasingh Chavda, Research Scientist, BTRS, Anand
- 7 Dr. Arvindbhai D. Patel, Research Scientist (p), Regional Research Station, Anand
- 8 Shri Rameshkumar D. Dabhi, Assistant Professor, Library, Anand
- 9 Dr. Varanasi Venkata Usha Bala, Assistant Professor, Dairy Science College, Anand
- 10 Shri Kesabhai Shankarbhai Parmar, Agril Assistant, BACA, Anand
- 11 Shri Iswarbhai Manabhai Harijan, Tractor Driver, BACA, Anand
- 12 Shri Vijaykumar Dulabhai Parmar, Peon, Veterinary College, Anand Sad demise
- 13 Shri Jesangbhai Nathabhai Parmar, Carpenter, Office of the Executive Engineer, Anand
- 14 Shri Govindbhai Dayabhai Solanki, Kaymi Rojanddar, Veterinary College, Anand
- 15 Shri Chandubhai Dayabhai Padhiyar, Kaymi Rojanddar, BACA, Anand
- 16 Shri Poonambhai Dayabhai Chavda, Kaymi Rojanddar, BACA, Anand
- 17 Shri Kanubhai Babubhai Vaghela, Kaymi Rojanddar, Office of the Ex.Eng.

#### June 2018

- 18 Dr. Kisorkumar Dhirajgar Aparnathi, Professor, Dairy Science College, Anand
- 19 Dr. Kantilal Kalidas Patel, Research Scientist(P), Hill Millet, Dahod
- 20 Dr. Chandubhai Chhaganbhai Patel, Professor(P), BACA, Anand
- 21 Shri Babubhai Motibhai Vaghela, Agril. Assistant, Viramgam
- 22 Shri Natverbhai Anupshing Sodhaparmar, Kaymi Rojanddar, Library, Anand
- 23 Shri Chimanbhai Sukabhai Vasava, Kaymi Rojanddar, Executive Engineer, Anand
- 24 Shri Gopalbhai Jesangbhai Tadv, Khedut/Sathi, BTRS, Anand
- 25 Shri Iswarbhai Jinabhai Thakor, Kaymi Rojanddar, Veterinary College, Anand
- 26 Shri Melabhai Mohanbhai Chavda, Peon, BACA, Anand
- 27 Shri Hasmukhbhai Mohanbhai Parmar, Sr. Clerk, Comptroller Office, Anand

*With trust even silence is understood.*

*Without trust every word is misunderstood.*

*Trust is the soul of relationships.*

Book-Post

To

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