

# AAU

## NEWS LETTER

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### *From the Desk of Vice Chancellor.....*

India is celebrating its 75<sup>th</sup> year of independence as *Azadi ka Amrut Mahotsav*. The commemoration is focused towards the people of India, their culture and achievements. Different thematic events are being planned and executed in the *Azadi ka Amrut Mahotsav* with a view to an intensive, country wide participation of the citizens.


Bansilal Amrutlal College of Agriculture (BACA) of AAU came into existence in 1947 with the efforts of Sardar Vallabhbhai Patel, Shri Kanaivalal Munshi along with a generous donation of rupees five lacs by Sheth Amrutlal Hargovinddas in the memory of his deceased son, Bansilal. The Golden Jubilee year of the college was celebrated during 1997-98 with 50 different events. As the college has entered in its 75<sup>th</sup> year of existence, i.e. the Platinum Jubilee Year, a bouquet of 75 events have been planned under the aegis of BACA *Amrut Mahotsav*. This celebration of BACA, *Amrut Mahotsav* is not just chronologically coinciding but it is also thematically aligned with the glorious celebration of *Azadi ka Amrut Mahotsav*. BACA, a premier educational brand in Agricultural education in the Western India, has produced more than 10000 undergraduates and postgraduates with a strong alumni network. These alumni are respectfully positioned at numerous government and corporate organizations along with a visible flare of entrepreneurship.

It is a pleasure to witness different thematic symposia, webinars, seminars, competitions and lecturer during the year, focused on advances and developments in agriculture ultimately benefitting the agriculture students and farmer community in general. In a short period of 4 months, BACA has successfully organized more than 25 events. Fit-India Freedom Run, Webinar series on Entrepreneurship, Bio-control, Bio-fertilizers, Agri-commodities, Animal Rearing, Lecture series on Women Safety, Biotechnology, Remote sensing, National Level symposium on Agronomy, Celebration of World Soil-day, National Unity-day, Quiz contest, Blood donation camp, Poem recitation competition etc. are to name a few. Students and faculty members interacted with nationally and internationally renowned resource persons, from academics, research institutes and industry, in most of these events.

BACA *Amrut Mahotsav* is an opportunity not just only to celebrate the legacy but also to rededicate academic educators of this great Institute and of the University.

My best wishes to all



  
(K. B. Kathiria)

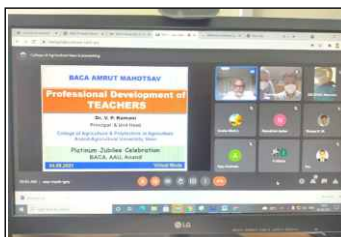


## ORGANIZATION OF VARIOUS EVENTS DURING THE CELEBRATION OF 'AMRUT MAHOTSAV' OF BACA

- ♦ The grand inauguration ceremony for the year long celebration was held on 11 August 2021 at the auditorium of B. A. College of Agriculture. Dr. K. B. Kathiria, Hon. Vice Chancellor, AAU presided over the function and Dr. Bimal Patel, Vice Chancellor, Raksha Shakti University, Gandhinagar remained present as the Chief Guest. In the august presence of Shree Amitbhai Sheth a member of the donor's family; former Vice Chancellor, Dr. A. M. Shekh; former Principal and Dean, Dr. N. M. Patel; Director of Research, Dr. M. K. Jhala; Director of Extension Education, Dr. H. B. Patel; Principal and Dean, Dr. Y. M. Shukla, unveiled the logo of Platinum Jubilee of B.A.C.A. Special good wishes were received from Shree Vijaybhai Rupani, the Hon. Chief Minister of Gujarat, Shree R.C. Faldu, the Agri. Minister of Gujarat, Shree Manish Bhirdwaj, Chief Secretary of Govt. of Gujarat, reverend Mahant swami, and reverend Swami Sachchidanandji. The entire event was successfully managed by Dr. R.G. Parmar, Dr. Nikhil Joshi, Prof. Rucha Dave and Dr. Miral Suthar.
- ♦ An expert talk was organized under the activities planned for 'Amrut Mahotsav' of the college on 'Startup Programme Sensitization' for the final-year and post graduate students of BACA on 1<sup>st</sup> September 2021, at BACA-Auditorium. Karan Sargara, an expert from Gandhinagar on Startup Programme and Eco System was invited to interact with the students. The students of the final year of B.Sc. (Agri.) got an opportunity to explore new possibilities in the Startup Programme initiated by the Govt. of India. Dr. Y. M. Shukla, Principal and Dean, motivated the students to prepare start up programme in agriculture sector. The session was organized by Dr. J. B. Patel, Head, Dr. Vinaykumar H.M., Assistant Professor, Dept. of Agri. Extension & Communication.
- ♦ As an initiative for '*Azadi Ka Amrut Mahotsav*', the unit of National Service Scheme, BACA organized '*Fit India Freedom Run 2.0*' on 2<sup>nd</sup> September 2021. Hon. Vice Chancellor of Anand Agricultural University, Dr. K. B. Kathiria, flagged off the run and encouraged the students and appealed them to create awareness in light of Covid-19 pandemic. Around 100 students participated in the event. After the run, students visited Sardar Memorial, Karamsad to get acquainted with the life story of Sardar Patel. The event was organized by Dr. Nikhil Joshi, Programme Officer, N.S.S. with the help of the Students' Representative Council of the college. Director of Extension Education Dr. H. B. Patel; Registrar, Dr. G. R. Patel; Principal and Dean, Dr. Y. M. Shukla; Director of Students' Welfare, Dr. D. H. Patel and Chairman, Students' Representative Council, Dr. D. J. Parmar motivated the students to remain fit by doing regular physical exercise and yoga.



- ♦ Teachers' Day was celebrated at BACA on 4<sup>th</sup> September 2021 in the memory of the former President of India, Dr. Sarvapalli Radhakrishnan. Selected students from 3<sup>rd</sup> and 5<sup>th</sup> semesters conducted teaching activities for all the day. Dr. V. P. Ramani, Principal, College of Agriculture, Vaso delivered a lecture on 'Professional Development of Teachers' on this day. The event was organized by Dr. J. K. Parmar, Academic In-charge, and Dr. Xitij Shukla, Assistant Professor, under the guidance of Dr. Y. M. Shukla, Principal and Dean, BACA.



- ♦ Under the activities planned for *Amrut Mahotsav* of BACA, an expert talk on Women's Safety was held on 4<sup>th</sup> September 2021, for all the girl students and women staff members of the University. Mr. Nitin Trivedi, Managing Trustee, Parmarth Seva Trust, Ahmedabad delivered a talk regarding the issues related to women's safety.



- ♦ On a very special occasion of the 125<sup>th</sup> Birth Anniversary of *Rashtriya Shayar Zaverchand Meghani*, a competition of Poetry Recitation was held at BACA on 4<sup>th</sup> September 2021. Students participated with great enthusiasm and recited the poems written or edited by Shree Zaverchand Meghani. Dr. Y. M. Shukla, Principal and Dean, addressed the students on this occasion and





motivated them to have a strong attachment with the folk literature and traditions. He shared a few incidences of Meghani's life story reciting some memorable couplets from his poetry.

◆ 13<sup>th</sup> Late Dr. Diwaker R. Patel Memorial Lecture (webinar) was organized by Alumni Association of B. A. College of Agriculture on 9



September 2021. Dr. S. K. Bhatnagar, Professor and Former Dean, College of Bio-technology, Meerut, delivered an online session on 'Bio-technology: An Emergence of Potential Era'. Dr. K. B. Kathiria, Hon. Vice Chancellor, AAU, Dr. M. K. Jhala, Director of Research; Dr. H. B. Patel, Director of Extension Education; Dr. Y. M. Shukla, Principal and Dean; Dr. K. C. Patel, Secretary, Alumni Association; and Dr. R. G. Parmar, Secretary, Platinum Jubilee, B.A.C.A. remained present in the event.







- ♦ A motivational talk to focus on entrepreneurship development among students was organized 24<sup>th</sup> September 2021 for the final year students of B.Sc.(Agri.) (Anand, Jabugam, Vaso). Shree Bhupen Dube, Global Chief Executive, Advanta Seeds and alumni of BACA delivered an online talk followed by healthy discussion with the students. The event was handled by Dr. J. B. Patel, Prof. & Head and Dr. Vinaykumar, Assistant Professor, Department of Extension Education Communication, BACA, AAU, Anand.
- ♦ As a part of the celebration of 'Azadi ka Amrut Mahotsav@75 years of Independence and Celebration of Platinum Jubilee Year of BACA, a webinar was held on Organic Fertilizers and Bio-controllers under National Agricultural Development Scheme on 31<sup>st</sup> August 2021. Dr. K. B. Kathiria, Vice Chancellor, AAU; Dr. M. K. Jhala, Director of Research; Dr. H. B. Patel, Director of Extension Education; Dr. Y. M. Shukla, Principal and Dean remained present in the event. Different Publications on the theme of the event were released by Hon. Vice Chancellor during this event. This webinar was organized by Dr. R. V. Vyas, Professor and Head, Department of Microbiology and Dr. R. G. Parmar along with a team of the scientists of AAU.



## NON THERMAL PROCESSING OF FOOD PRODUCTS

College of Food Processing Technology & Bio-Energy, AAU, Anand successfully organized an online Faculty Development program sponsored by AICTE Training and Learning (ATAL) during 29<sup>th</sup> June 2021 to 03<sup>rd</sup> June 2021. The program was organized under the guidance of Hon. Vice Chancellor, Dr. K B Kathiria; Director of Research Dr. M. K. Jhala; Principal and Dean, College of FPT&BE Dr. R. F. Sutar; and other university officers. Dr. H. Pandey, acted as coordinator for the program. The online FDP was organised with technical support from the Directorate Information Technology. There were in total 173 registrations received for this online program from different institutions and organisations across India. Most of the participants were faculties from institutions of National Importance such as, IICPT, Thanjavur; DRDO-DFRL; IARI, New Delhi, BHU, Varanasi; DOGOR, Pune; CIT, Kokrajhar; Tezpur University, Assam; HBTU, Kanpur and BU, Jhansi. Participants from various state agricultural university like PAU, Ludhiana; KAU, Kerala; ANGRU, YSR Horticultural University; SKUAST, Kashmir; JAU, Junagadh; NAU, Navsari; SDAU, Dantiwada and Kamdhenu University, Gandhinagar.

Various eminent speakers from different renowned institutions delivered their lectures in this FDP. Dr. H. N. Mishra, Professor from IIT Kharagpur delivered his speech on Innovative Extrusion Process to Produce Designer Health Foods. Dr. S. N. Jha, ADG Process Engineering, ICAR, New Delhi elaborated the role of NIR Technology in Food Processing. Dr. C Anandramkrishnan, Director, IIFT discussed various Innovation in Food Processing Technologies. Dr. P. S. Rao, Professor, IIT Kharagpur delivered his talk on High Pressure Processing Intervention in Food Processing. Dr. A. K. Sharma, from College of FPTBE, AAU, Anand elaborated the Irradiation in Food Processing. Dr. Nachiket Kotwaliwale, Director ICAR-CIPHET, Ludhiana discussed the application on Image Processing in Food Industry. Dr. N. K. Rastogi, Head Food Engineering, CFTRI, Mysore







## COMBINED AGRESO

The 17<sup>th</sup> Combined AGRESO of SAUs and Kamdhenu University was held during 27<sup>th</sup> April - 15<sup>th</sup> July 2021 through Video Conferencing. Total nine crop varieties have been released by AAU, Anand namely (1) Brinjal variety, Gujarat Round Brinjal 8 (GRB 8: *Anand Raj*), (2) Chilli variety, Gujarat Anand Vegetable Chilli 141 (GAVC 141: *Anand Tej*), (3) Tomato variety, Gujarat Anand Tomato 8 (GAT 8: *Anand Roma*) (4) Okra variety, Gujarat Anand Okra 8 (GAO 8: *Anand Komal*), (5) Rice variety, Gujarat Rice 21 (GR 21: *Vatrak*), (6) Rice variety, Gujarat Anand Rice 22 (GAR 22: *Swagat*), (7) Urdbean variety, Gujarat Anand Urdbean 4 (GAU 4: *Shyamal*), (8) Mungbean variety, Gujarat Anand Mungbean 8 (GAM 8: *Hara Moti*) and (9) endorsed variety of Chrysanthemum : *Ratlam Selection*



GRB 8: *Anand Raj*



GAT 8: *Anand Roma*



GAVC 141: *Anand Tej*



GAO 8: *Anand Komal*



GR 21: *Vatrak*



GAR 22: *Swagat*



GAU 4: *Shyamal*



GAM 8: *Hara Moti*



Chrysanthemum variety:  
*Ratlam Selection*

## TRAINING ON SCIENTIFIC CULTIVATION OF TOBACCO

Bidi Tobacco Research Station, Anand Agricultural University, Anand organized a training on Scientific Cultivation of Tobacco for the Technical Staff of Nisol Manufacturing Company Ltd., Dharmaj on 15<sup>th</sup> September 2021. The training programme was inaugurated by the Hon. Vice Chancellor, Dr K. B. Kathiria, Director of Research, Dr. M. K. Jhala, Director of Extension Education, Dr. H. B. Patel along with Unit Head, Dr. J. N. Patel and Managing Director of Nisol Company Ltd. Shri Ashish Patel. Hon. Vice Chancellor, Dr. K. B. Kathiria appreciated the effort carried out by the centre and also

highlighted Public Private Partnership (PPP) by the University. Director of Research and Dean PG studies, Dr. M. K. Jhala encouraged scientists and emphasised that this type of collaboration may also help filed research PG students. Director of Extension Education, Dr. H. B. Patel pointed out that Bidi Tobacco is a major crop of Middle Gujarat and this type of training will definitely be helpful in scientific cultivation of tobacco by the farmers. Sri Ashish Patel narrated that scientific training leads to sustainable and quality production of tobacco.

The participants were trained by different scientists of Bidi Tobacco Research Station viz, Dr. J. N. Patel, Dr. K. M. Gediya, Dr. Y. M. Rojasara, Shri D. R. Delvadiya and Shri N. A. Bhatt. The trainees were trained on technical aspects of preparing nursery and field for healthy growth of tobacco. They were also given exposure on identification and management of different diseases and pests attacking tobacco crop for viable IPM/IDM strategies. In the last phase of training, the visit to Agricultural Museum and different field experiments was organized. The participants also practically prepared *Bourdex* Mixture.



## TRAINING PROGRAMME ON AGRICULTURAL EXPORTS FROM INDIA: PROSPECTS AND PROCEDURE FOR STUDENTS

As a part of celebration of *Azadi ka Amrut Mahotsav@75* years of Independence and Celebration of Platinum Jubilee Year of B. A. College of Agriculture, a one day training programme for 7<sup>th</sup> semester B.Sc. (Hons.) Agri. students,



was organized on the topic, “Agricultural Exports from India: Prospects and Procedure” by Department of Agricultural Economics and WTO Cell, B. A. College of Agriculture, Anand Agricultural University, Anand on 5<sup>th</sup> September 2021.

The globalization of the world's economies is a driving factor for local industry and the primary sector to its next transformation. In order to become more competitive, there is a need to improve the efficiency, productivity, quality, technological enhancement of agricultural products. To know more about this globalization and export, this training programme was organized.

Five lectures were organized viz. a talk on status and growth of agricultural export from India and how to export: procedure & formalities, export of organic products and role of APEDA in promoting agri-exports, emerging trends in marketing and trade of agricultural commodities and exporter from Vadodara shared his personal and practical experiences on export of agricultural commodities.

#### LECTURE SERIES ON PARADIGM SHIFT IN 4<sup>th</sup> & 5<sup>th</sup> GENERATION AGRICULTURE

College of Agricultural Engineering and Technology, Godhra & Centre for Agricultural Market Intelligence (NAHEP-CAAST), AAU, Anand jointly organized online lecture series on “Paradigm shift in 4<sup>th</sup> & 5<sup>th</sup> Generation Agriculture” on 15 September 2021 on the occasion of National



Engineers' Day. About 437 participants registered for this event. Two expert lectures were organized on different aspects of renewable or green energy initiatives with cost effective approaches, challenges, opportunities for the development of rural India. Moreover, the technological interventions required and the growth of technology in Agricultural applications were discussed. Guest speakers with their rich experience and knowledge presented complex data and technologies to adopt with an ease for the participants to understand. Emerging trends, challenges to be addressed in integrating the technologies, research scopes, cost effective approaches and many challenges that are yet to be addressed were focused in their talks.

#### CERTIFICATE COURSE ON INSECTICIDES MANAGEMENT FOR INSECTICIDES DEALERS/ DISTRIBUTORS

- ♦ Insecticide is one of the important agri-inputs in agriculture. The Insecticides is mostly marketed by dealers, distributors and retailers. Most of the farmers are dependent on insecticides dealers/ retailers for information related to insecticides and pest management. However, majority of the insecticides dealers do not have formal education in agriculture. It is essential therefore to impart technical knowledge on pesticides, pest management and advisory based on scientific recommendations.

In this context, Institute of Distance Education Anand (IDEA), Anand Agricultural University, Anand successfully completed two batches of 12 Day “Certificate Course on Insecticide Management for Insecticides dealers/ distributors” to equip them to acquire professional competency on pesticides & pest management and advisory services at SSK, AAU, Anand from June 2021 to September 2021 as per the guidelines given by the National Institute of Plant Health Management (NIPHM), Hyderabad. During the courses, total 76 Insecticide dealers/ distributors from various talukas of Ahmedabad district participated and lectures on various topics as well as practical sessions were conducted to acquire self experience through distinguished faculty of Anand Agricultural University, Anand. Training manuals and practical kit were also distributed among to the trainees.



- ♦ Krushi Vigyan Kendra, AAU, Devataj organized 12-Day Certificate Course on Insecticides Management for Insecticides Dealers/ Distributors at Aniket Farmers' Hostel, AAU, Anand. During inaugural programme, welcome speech was given by Dr. A.C. Vaidya, Senior Scientist & Head, KVK Anand. Dr. H.B. Patel, Director of Extension Education, AAU, Anand emphasized that there should be proper guidance to input dealers for optimum use of Insecticides. He also stated that such type of training will improve the





economic status of the farmers. Total 80 Insecticides dealers/distributors participated in this training programme. Total 20 lectures and 10 practicals were organized during this training programme on various topics viz study on management of weeds, insects and diseases of crops, Pesticide classification based on mode of action, entry, types of formulation and usage recommendations, symptoms of pesticides poisoning, first aid and their specific antidotes, responsibilities of dealers/ distributors and manufacturers, etc. Technical information and lectures were delivered by distinguished faculties of Anand Agricultural University, Anand and staff of KVK, Anand. This resource information was also given in the form of manuals and kits.

### KVK, AAU, DEVATAJ CELEBRATED ICAR FOUNDATION DAY

KVK, AAU, Devataj celebrated ICAR Foundation Day on 18<sup>th</sup> July 2021 through online mode (Google Meet) on the theme 'Rainwater Harvesting'. Dr. A. C. Vaidya, Senior Scientist and Head, KVK, AAU, Devataj discussed about the activities and role of ICAR in development of the agriculture and allied sector. Shri Arvindbhai Kunapara, Assistant Professor, Land and Water Conservation Department from Agricultural Engineering and Technology College, AAU, Godhra discussed about rainwater harvesting. He further provided guidance on the methods of collecting runoff water as well as the methods of collecting and storing water in the field.

### ORGANIZATION OF TRAINING PROGRAMMES

KVK, AAU, Devataj organized a training programme on Kitchen Garden on 3<sup>rd</sup> August 2021 in collaboration with



Lions Club, Anand at Lions Club Hall, Anand. The President of Lions Club, Anand, Shri Deepakkumar Shah, Mrs. Rekhaben, Secretary, Lions Club, Anand and Dr. A. C. Vaidya, Senior

Scientist and Head and Dr. Shrikant B. Katole, Scientist, Animal Science, KVK, AAU, Devataj remained present.

Welcome speech was given by Dr. A.C. Vaidya, Senior Scientist and Head, KVK, AAU, Devataj. President of Lions Club, Anand, Mr. Deepakkumar Shah briefed about the various activities of the Lions Club. Dr. R.R. Acharya, Research Scientist & Head, Main Vegetable Research Station, AAU, Anand discussed in detail about the packages and practices of various vegetable crops in kitchen garden. He also discussed about the location of kitchen garden, seasonal vegetables, use of organic manures and vermi-compost, terrace gardening, hydroponics, details about fruits, flowers and medicinal plants in kitchen garden.

### TRAINING ON VALUE ADDITION IN FISH

KVK, Devataj organized a training programme on Value Addition in Freshwater Fish on 22<sup>nd</sup>-23<sup>rd</sup> September 2021. Total 30 farm women from Khambhat village of Khambhat taluka participated in this training programme. Mr. J. H. Bhatt, Scientist (Fisheries) discussed about importance of fishes on human health, identification of fresh fish, fish preservation & processing techniques and value addition. Different value added products like Prawn Pickle, Fish *Ganthiya*, Fish Fulvadi, Fish Cutlet, Fish *Samosa* were prepared and demonstrated among the participants. Senior Scientist and Head, Dr. A. C. Vaidya insisted all participants to develop entrepreneurship in value addition of fish.



### TRAINING PROGRAMMES JALSHAKTI ABHIYAN AND SWACHHATA CAMPAIGN

KVK, AAU, Devataj organized 8 online training programmes benefitting 280 farmers and farmwomen. Apart from regular training programmes KVK, AAU, Devataj organized a couple of programmes every week on 'Jalshakti Abhiyan' and 'Swachhata Campaign'. The main objective of this programme was to create the awareness among the farmers and other stakeholders on water conservation and cleanliness in their nearby areas.

### TRAINING PROGRAMME ON POSHAN VATIKA MAHAABHIYAN AND PLANTATION PROGRAMME

A training Programme on *Poshan Vatika Mahaabhiyan and Plantation Programme* was organized by Agricultural Research Station, AAU, Sansoli in collaboration with ATMA Project, Kheda and KVK, Dethali on 17<sup>th</sup> September 2021. Total 96 farm women remained present. Training programme was inaugurated by lighting the lamps by guests





Dr. P. K. Sharma, Senior Scientist, KVK, Dethali and Mr. Pathik Dave, Project Director, ATMA, Kheda. During the training programme, lectures on different aspects viz., *Poshan Sanvedi Krushi*, *Sargavo-Ghaschara No Paryay* and Integrated Pest Management in Kitchen garden crops were delivered by K. D. Tankodara (Subject Matter Specialist, KVK, Dethali), Dr. Kaushal Prajapati (Subject Matter Specialist, KVK, Dethali) and Dr. M. B. Zala, (Assistant Research Scientist, ARS, AAU, Sansoli), respectively. After completion of training, kitchen garden kit distribution and plantation programme were organized.

Three farmers' training programmes on crop management practices during *Kharif* season were organized on 11<sup>th</sup> August 2021, 13<sup>rd</sup> August 2021 and 16<sup>th</sup> August 2021. Total 160 farmers remained present. Dr. M. B. Zala delivered lecture on crop protection measures in various crops. Dr. B. N. Thakker (Assistant Extension Educationist, ARS, AAU, Sansoli) delivered lecture on soil sample collection, analysis and benefits of soil testing report and economic farm management tactics.



## VACCINATION CAMP

Anand Agricultural University in collaboration with Urban Health Center, Ganesh Chokdi, Anand organized Vaccination Camp during April to September at Health Center, AAU, Anand. University employees, farm labours, pensioners and students have taken first and second dose of Covishield and Covaxin Vaccine. Total 1400 persons have benefitted through this camp.



## RECOGNITION

Dr. Nareshkumar M. Gohel, Associate Professor, Department of Plant Pathology, B. A. College of Agriculture, Anand Agricultural University, Anand has been selected as a member of the American Phytopathological Society (APS) for two years of complimentary membership w.e.f. 1<sup>st</sup> July 2021. This program is managed collaboratively by APS Foundation and the APS Office of International Programs.

## VISIT OF HON. VICE CHANCELLOR AT ARS, SANSOLI



Hon. Vice Chancellor, AAU, Anand, Dr. K. B. Kathiria; Director of Research and Dean PG Studies, AAU, Anand, Dr. M. K. Jhala; Associate Director of Research, AAU, Anand, Dr. S. N. Shah and Research Scientist and Nodal Officer (Seed), RRS, AAU, Anand Dr. A. S. Bhanvadiya visited Agricultural Research Station, Sansoli on 22<sup>nd</sup> September 2021. Plantation Programme was organized in the august presence of Hon. Vice Chancellor and other dignitaries.



## CELEBRATION OF 75<sup>th</sup> INDEPENDENCE DAY



Anand Agricultural University celebrated 75<sup>th</sup> Independence day on 15<sup>th</sup> August 2021 at University Bhavan. University officers, Deans, staff and students remained present in this celebration. Dr. K. B. Kathiria, Hon'ble Vice Chancellor hoisted the flag and delivered a speech. He commemorated the freedom fighters of our country and paid homage to them. He praised the services of Covid Warriors, who have rendered their services in the Corona Pandemic. He also urged the university officers, staff and students for further enhancement in the field of education, research and extension. Captain P.A. Gohil served as Parade Commandant and Dr. M.A. Makwana served as the announcer on the occasion. A tree plantation programme was held in the premises of the University Bhavan. The entire programme was organized by Dr. Dinesh H. Patel, Director, Students' Welfare, AAU, Anand

### SUVARNAPRASHAN CAMP

Anand Agricultural University in collaboration with S.G. Patel Ayurveda Hospital, New Vallabh Vidyanagar organized *Suvarnaprashan* Camp for up to 15 years old children of all university officers, staffs, pensioners, farm labours during July to September at Health Center, AAU, Anand. *Suvarnaprashan* contains Gold and other various ingredients which are known to boost immunity as well as enhance memory of the children. It also increases digestion and lifespan. 1500 children were given *Suvarnaprashan* during the camp.



### TRAINING PROGRAMMES ORGANIZED BY EEI-ANAND

The EEI, Anand conducted 26 online training programmes during July 2021 to September 2021 in which 926 participants participated. In 2 Off-Campus training programmes conducted, 70 participants Participated. Moreover, 1 Skill training programme was conducted in which 20 Participants participated. Total 1016 Participants attended training programmes during July 2021 to September 2021.

### SKILL DEVELOPMENT TRAINING

Dr. K. B. Kathiria, Hon'ble Vice Chancellor, AAU, Anand & Gujarat Organic Agricultural University, Gandhinagar inspired 20 trained rural youth known as 'Dairy Farmer / Entrepreneur' on 18<sup>th</sup> September 2021 during valedictory session of Skill development training.



### INFORMATION TECHNOLOGY CENTER

#### Online exam

Online Objective Examination System developed and managed by the IT center is used by different departments/colleges of the AAU. Online entrances exams for different programme, internal and semester end examinations of different colleges were conducted in this system.

#### Entrance test

In the month of July and August, following entrance online exams were conducted at the Computer Lab of IT Center:

- ◆ D to D Agriculture entrance exam
- ◆ D to D Horticulture entrance exam
- ◆ D to D Basic Science entrance exam
- ◆ D to D A group online exam
- ◆ D to D B. Tech - Agriculture /Engineering online exam
- ◆ D to D B. Tech - FPT online exam



- ♦ Online competitive exam for RA and SRF for EEI, AAU, Anand
- ♦ PG online common admission entrance exam

### Online Admission

Online B-group admission help center officer training was arranged at IT computer lab.

### SAC MEETING OF KVK, AAU, DEVATAJ ORGANIZED VIRTUALLY

Thirtieth Scientific Advisory Committee meeting of KVK,



AAU, Devataj (Anand) was organized online through Google meet on 9<sup>th</sup> August 2021. Hon. Vice Chancellor, Dr. K. B. Kathiria presided over the meeting. Director of Extension Education,

AAU, Anand, Dr. H. B. Patel; Director of Research & Dean PG Studies, AAU, Anand, Dr. M.K. Jhala; Scientist, ICAR-CSWTRI, Vasad, Dr. Gaurav Singh; Professor & Head, Department of Gynecology & Obstetrics, Veterinary College, AAU, Anand, Dr. J.A. Patel, Prof. & Head, Soil Science Department, BACA, AAU, Anand, Dr. N.J. Jadav; Project Director, ATMA, Anand, Mr. P.B. Parmar; District Agriculture Officer, Anand, Dr. Chintan Patel and Representative of Deputy Director of Animal Husbandry, Anand remained present as members for the meeting. Mr. Dipenbhai Shah, Agri- Entrepreneur of the Anand District and Progressive Farm Woman Mrs. Shilaben K. Patel also remained present in this meeting.

Dr. A. C. Vaidya, Senior Scientist and Head of KVK welcomed all the members. He presented the agenda and action taken report of 29<sup>th</sup> SAC meeting. He also presented extension activities from January-2020 to December-2020 along with activities up to July 2021 with Action plan of 2021 of KVK that was discussed thoroughly among the members and finalized. All the Scientists of KVK also presented their discipline wise activities. Dr. K.B. Kathiria, Hon. Vice Chancellor, AAU, Anand suggested to propagate technologies developed by AAU to more number of farmers. He also expressed his satisfaction about activities of KVK Devataj and gave guidance for betterment of farming community through KVK activities. Dr. H.B. Patel, Director of Extension Education, AAU, Anand suggested to give more emphasis on timely completion of mandated activities of KVK. Director of Research & Dean PG Studies, AAU, Anand, Dr. M.K. Jhala also gave suggestions for further improvement of the KVK's functioning for farmers' benefit. He also suggested for uploading success stories of farmers on KVK website in consultation with DEE Office.

### CAMPAIGN ON TREE PLANTATION

#### COLLEGE OF AIT, AAU, ANAND

Strategically planting trees around home can have tremendous benefits on the environment. Not only they help restore life quality in our society, but also contribute to the environment and help fight against Climate Change. Tree plantation additionally urges vegetation to develop. Birds make their homes on the trees, subsequently adding to the beauty of nature. Birds additionally scatter seeds and pollen on the ground, resulting in the development of different plants. Tree plantation expands the bio-diversity of a specific region.

Nationwide campaign was organized by ICAR, New Delhi on Tree Plantation and Awareness on the eve of ICAR's 93<sup>rd</sup> Foundation Day, the 16<sup>th</sup> July 2021 - '*Har Med Par Ped*' as a part of Celebration of India@75 - '*Azadi ka Amrut Mahotsav*'. The College of Agricultural Information Technology, AAU, Anand celebrated with online campaign on tree plantation and awareness. Students actively participated in this campaign from their homes with caution in pandemic Covid19 and planted trees and spread awareness in the society.



#### KVK, AAU, DEVATAJ

KVK AAU Devataj organized tree plantation programmes on 16 July 2021 in collaboration with Lions Club, Anand. The President of Lions Club, Anand, Shri Deepakkumar Shah, Shri Dilipkumar S. Shah, Ex. President, Lions Club, Anand as well as Shri G.N. Bhavsar, Teacher (Rtd.), D.N. High School, Anand and Dr. A.C. Vaidya, Senior Scientist and Head, KVK, AAU, Devataj remained present. Total 100 trees were planted such as *Borsalli*, *Neem*, *Shasindur*, *Paras Piplo*, *Jambu*, *Nariyali*, *Saragvo*, *Kajalia*, *Pettoforam*, *Bamboo*, *Setudo*, *Saadad*, *Karanj* and *Kothi*.





### CAET, AAU, GODHRA

Trees offer many environmental as well as economic and social benefits. National Service Scheme unit of the College of Agricultural Engineering and Technology, AAU, Godhra celebrated online campaign on plantation and awareness with the theme, 'Har Med Par Ped' as part of 'Celebration of India @ 75 - Azadi ka Amrut Mahotsav' on 10-11<sup>th</sup> July 2021 with first and second year students of B.Tech (Agril. Engg.). Upon realizing the importance of plantation/trees in this COVID pandemic condition, each student actively participated in this campaign from their home and they planted tree/plants in their home and nearby area and also spread awareness about tree plantation in the society. Whole programme was framed and circulated by Er. Kamlesh Jethva, NSS Programme Officer under the guidance of Dr. R. Subbaiah, Dean, CAET, Godhra.



### COLLEGE OF FPT&BE, AAU, ANAND

The College of Food Processing Technology & Bio Energy, AAU, Anand organized tree plantation programme as per ICAR, theme 'Har Med Par Ped' on July 16<sup>th</sup> 2021 after the ICAR virtual event under the National Service Scheme to mark the ICAR's Foundation Day. All the teachers, staff and P.G. students of this college participated in the tree plantation programme.



### IABMI, AAU, ANAND

The benefits of planting trees are well known that ranges from having a beautiful environment to preventing the global climate change. Trees are the primary source of food



and they contribute significantly to the environment in many useful aspects. International Agribusiness Management Institute, AAU, Anand celebrated online campaign on Tree plantation and awareness with the theme, 'Har Med Par Ped' as part of 'Celebration of India's 75 years of Independence - Azadi ka Amrit Mahotsav' and ICAR 93<sup>rd</sup> Foundation day on 16 July 2021 with the students of ABM, faculty members and staff members of NAHEP-CAAST. They planted different plants in their homes and nearby area and also spread awareness about tree plantation in the society.

### BACA, AAU, ANAND

Tree Plantation Campaign was held at B. A. College of Agriculture, Anand Agricultural University, Anand on 16 July 2021. This campaign was a part of the celebration of 75<sup>th</sup> year of Independence of India. As per the theme of 'Har Med Par Ped' suggested by ICAR, this campaign was held at B. A. College of Agriculture, Anand Agricultural University, Anand in the august presence of Hon. Vice Chancellor of AAU, Dr. K. B. Kathiria; Dr. M. K. Jhala, Director of Research; Dr. H. B. Patel, Director of Extension Education, Dr. D. R. Kathiria, Director of Information Technology, Dr. D. H. Patel, Director of Students' Welfare and Dr. Y. M. Shukla, Principal and Dean (Agri.), B. A. College of Agriculture. This event was organized by the National Service Scheme unit in collaboration with Student Representative Council and Dept. of Horticulture of B. A. College of Agriculture. Staff and students of BACA participated with a great spirit of enthusiasm following the required COVID protocol. Dr. K. B. Kathiria, Hon. V.C., AAU addressed the gathering on this occasion by sharing his views on awareness for climate change all over the globe and Dr. Y. M. Shukla, Principal & Dean, B.A.C.A. shared his views on requirement of such nationwide tree plantation campaigns. The event was looked after by Dr. M. J. Patel, Head, Dept. of Horticulture, Dr. S. J. Patel, Ex-Chairman, Student Representative Council and Dr. N. D. Joshi, Program Officer, National Service Scheme, B. A. College of Agriculture.





"Just living is not enough; one must have sunshine, freedom, and a little flower." - Hans Christian Andersen.

Nature is God's most beautiful creation. It felicitates the growth, development and nourishment of all its creatures. As the world advances and pollutes the environment, the only possible way to make men realize the basics and to make him reunite with nature is to bring awareness on the planting of trees. The benefits of planting trees is multifarious that ranges from having a beautiful environment to preventing the global climate change. The NSS Unit of Polytechnic in Agricultural Engineering, AAU, Dahod celebrated online campaign on plantation and awareness with the theme, 'Har Med Par Ped' as part of 'Azadi ka Amrit Mahotsav' on 17<sup>th</sup> July 2021 with 3<sup>rd</sup> and 5<sup>th</sup> semester students and NSS volunteers. Inspite of COVID-19 Pandemic condition, students, Staff of PAE, Staff of KVK actively participated in this campaign. Students planted tree/plants in their home and nearby area and also spread awareness about tree plantation in the society. Whole programme was framed and circulated by Prof. Sachin S.Chinchorkar, NSS Programme Officer under the guidance of Dr. M.M.Trivedi, Principal,PAE, AAU, Dahod.



### VISIT OF BIO-FERTILIZER UNIT

Farm Women of Gujarat Heavy Chemicals Ltd. (GHCL) foundation, Dist Sutrapada visited Biofertilizer Department on 14<sup>th</sup> September 2021 and were explained about importance of Biofertilizers - good soil bacteria to improve and sustain fertility for organic farming .



### STUDENT CORNER

#### CELEBRATION OF TEACHERS' DAY

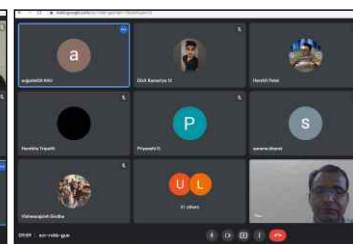
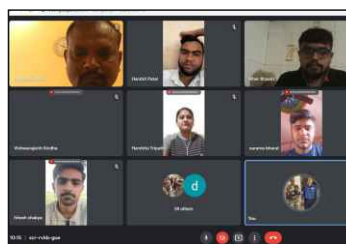
The Teacher's Day is celebrated on the birth anniversary of Dr. Sarvepalli Radhakrishnan, the second President and the first Vice-President of India. It is a very auspicious event for which students wait eagerly throughout the year. Teachers' Day is dedicated to the teachers of the nation. Teachers' Day is like an opportunity for students to show their gratitude towards their teachers.



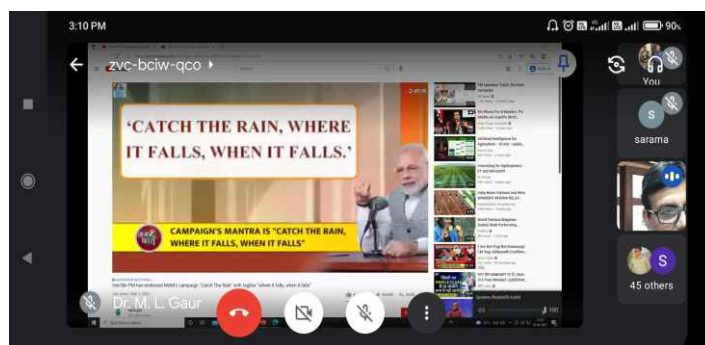
The College of Agricultural Information Technology, AAU, Anand celebrated Teachers' Day on 6 September 2021. Students actively participated in this program with caution due to Covid19. At the end of the day, poster drawing competition on "75 years of Indian Independence" was organized on this special occasion.

### DEBATE COMPETITION

A debate Competition was organized by SMC polytechnic in Agriculture, AAU, Anand online. Students participated actively and chose subjects related to Modern agriculture. Total 12 students took part in competition and remaining students worked as judge. Harshita Tripathi of Second Semester ranked first, Shreya Desai of Second Semester ranked second and Darshna Padhiyar of Fourth Semester ranked Third in this Debate Competition. Dr. V. J. Patel, Principal of SMC Polytechnic in Agriculture, AAU, Anand gave guidance to the students and Dr. J. I. Nanavati, Programme officer, NSS conducted this event.



### CATCH THE RAIN





As a part of commemoration of events for celebration of *AZADI KA AMRUT MAHOTSAV*, Sheth M. C. Polytechnic in Agriculture, AAU, Anand organized a special lecture on “Catch the Rain”. The lecture was delivered by the specialist of the subject, Dr. M. L. Gaur, Professor, Department of Agricultural Engineering, B.A. College of Agriculture, Anand. He gave detailed information on “CATCH THE RAIN, WHERE IT FALLS, WHEN IT FALLS”. Students understood the importance of conservation of Rain Water. This programme was arranged under NSS activities.

### FIT INDIA FREEDOM RUN

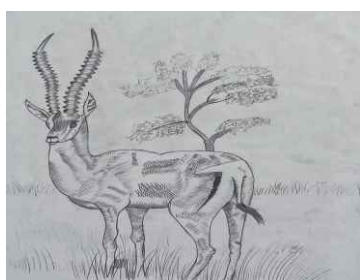
FIT INDIA FREEDOM RUN event was arranged by Sheth M. C. Polytechnic in Agriculture, AAU, Anand under NSS activities. Ceremony of Fit India Run 2.0 was organized by Hon. Union Minister of Youth Affairs & Sports, Shri Anurag Thakur and Hon'ble Mos, Youth Affairs & Sports Shri Nisith Pramanik. It was telecasted live for students. Students also participated in the Fit India Freedom Run.



### NSS DAY CELEBRATION

Sheth M. C. Polytechnic in Agriculture, AAU, Anand celebrated NSS Day on 24<sup>th</sup> September 2021 by arranging photography and painting competition. In photography and painting competition, students participated actively by displaying 130 photographs and 20 paintings, respectively. Students, crowd sourced marks to the best three entries of each event. Among them, three students were selected for best photography and paintings award.

Rank	Event Name	
	Photography Competition	Painting Competition
1	Sorathiya Devabhai (5 <sup>th</sup> sem.)	Thipathi Harshita (3 <sup>rd</sup> sem.)
2	Gadhesariya Nirmitt (5 <sup>th</sup> sem.)	Rathwa Harsh (3 <sup>rd</sup> sem.)
3	Sobhana (5 <sup>th</sup> Sem.)	Vekariya Akshar (3 <sup>rd</sup> Sem.)



### CELEBRATION OF ENGINEERS DAY-2021 AT CAET, GODHRA



The College of Agricultural Engineering and Technology, Godhra celebrated “Engineers' Day, 2021” to pay tribute to the great Indian Engineer, *Bharat Ratna* Sir Mokshagundam Visvesvaraya on 15<sup>th</sup> September 2021. To celebrate the day more passionately, an elocution competition was conducted for the students through offline and online mode. The function was organized at Exam Hall of the college maintaining Covid-19 Protocol. The program started with lighting up the lamp by Principal (I/c) and all other Head of the Departments with SRC Chairman. Dr. R. C. Salunkhe welcomed all who were present in the program through online and offline mode. Dr. R. Subbaiah, Principal and Dean, joined the function online and blessed the students by his inspiring words. Total 11 (9 offline and 2 online) students took part in the competition and expressed their views on the topic “Role of Agricultural Engineers to Make India Aatmanirbhar”. In his speech, Dr. Pankaj Gupta highlighted the enormous contribution of Sir Visvesvaraya in the development of Nation. He also explained that the role of an Engineer is to make the life of people more comfortable whereas the role of Agricultural Engineer is to make the life of farmer more comfortable. Mr. Anup Soni (Third Year) got First position, Miss. Sakshi Chandra (Third Year) got Second position and Miss. Shyla Khan (Second Year) got Third position in the competition. Dr. Hardik Sharma, Co-Chairman, SRC presented the vote of thanks.

### SEMINAR ON WEB PORTAL

Hon'ble Chief Minister of Gujarat launched 'Anubandham' (<https://anubandham.gujarat.gov.in>) web portal and mobile app for benefits of youth of the state. Therefore, offline and online seminar for information of 'Anubandham' web portal and registration on this web portal as job seeker for under graduate and post graduate students following stringent guidelines of COVID-19 laid by government was organised jointly by the Training and Placement Cell, College of Agricultural Engineering and Technology, Anand





Agricultural University, Godhra and Employment Exchange Office, Godhra, Panchmahals district on 15<sup>th</sup> September 2021.

At the commencement of seminar Dr. Pankaj Gupta, Principal (I/c) and Dean briefed about 'Anubandham' web portal. After that, speaker of seminar Mr. Rakeshbhai Sevak, Career Counsellor, Employment Exchange Office, Godhra, Panchmahals gave detailed information on how one can grab job registering as job seeker. He also responded efficiently the queries of the students. At the end of the programme, vote of thanks was proposed by Dr. M. K.Tiwari, In-charge Training and Placement Cell and Head of the Department, Irrigation and Drainage Engineering, College of Agricultural Engineering and Technology, Anand Agricultural University, Godhra. Er. S B. Suryavansi facilitated the training programme. Total 74 students participated in this seminar through online and offline mode.

## ANNUAL TRAINING CAMP BY NCC, BACA, AAU, ANAND



58 NCC cadets of B.A.College of Agriculture attended Combined Annual Training Camp (CATC-I) at Thamna organized by 4 Guj Bn NCC Vallabh vidhyanagar from 5 to 11 September 2021. There were total 5 Associate NCC officers from V.V.Nagar Group. This camp was arranged to make leader capable (1) to perform the functions effectively associated with their present and expected future roles, (2) to use their capabilities as individuals and exploit their own inner potentials for their own and/or organizational development process, (3) to develop superior-subordinate relationships, team work and collaboration among sub-units which contribute to the professional well being, motivation and pride of employees and (4) to use mechanisms like performance appraisal, counseling, coaching and guidance for better organizational performance.

During the camp, various sports activities like Volleyball, *Kabaddi*, cross country and cultural programme were also organized to bring out the students' talent.

- ◆ Captain P.A.Gohil Associate NCC officer was awarded best ANO during the camp
- ◆ 35 Cadets passed 'C' certificate examination. It is a matter of pride that 17 cadet got A Grade. Result of NCC 'C' certificate examination, 2021 was 100 percent.
- ◆ 22 Cadets passed 'B' certificate examination. It is a matter of pride that 15 cadets got A Grade and 07 cadets got B Grade Result of NCC 'B' certificate examination, 2021 was 100 percent.
- ◆ BACA cadets secured first place in volley ball competition.

## PUBLICATION OF KRUSHIGOVIDHYA MAGAZINE



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 9,500 subscribers of this multicolored farm magazine as on September 2021.



## RETIREMENTS

### July 2021

- 1 Dr. Y. C. Zala, Principal, IABMI, Anand (Retired)
- 2 Dr. V. K. Gondalia, Associate Professor, BACA, Anand (Retired)
- 3 Dr. H. P. Patel, Pulse Research Station, AAU, Vadodara (Retired)
- 4 Shri R. D. Bhatt, Sr. Clerk, Office of the Comptroller, Anand (Retired)
- 5 Smt. Sushilaben A. Patel, Laboratory Technician, ICAR Unit, Anand (Retired)
- 6 Shri B. R. Panchasara, Programme Assistant, KVK, Arnej (Resignation)

### August 2021

- 7 Dr. A. C. Patel, Director, EEI, Anand (Voluntarily Retired)
- 8 Dr. B. D. Patel, Professor (P), BACA, Anand (Retired)
- 9 Shri Yusufkhan Usman Khanjada, Agri. Assistant, BACA, Anand (Voluntarily Retired)
- 10 Shri R. B. Valand, Agri. Assistant, BACA, Anand (Retired)
- 11 Smt. Sonal N. Gohel, Jr. Clerk, Office of the Comptroller, Anand (Resignation)
- 12 Shri Gopalbhai D. Vasava, Jr. Clerk, Polytechnic in Agril. Engg, Dahod (Retired)
- 13 Shri Kantibhai J. Vasava, Pump Operator, Office of the Executive Engineer, Anand (Retired)

### September 2021

- 14 Shri Dilipbhai Chaturbhai Nayi, Agri. Assistant, BACA, Anand (Voluntarily Retired)
- 15 Shri Ramanlal K. Patel, Agri. Assistant, BTRS, Anand (Retired)

*"A winner is a dreamer who never give up"*

*- Nelson Mandela*



From :  
The Editor  
AAU Newsletter

Directorate of Extension Education, University Bhavan, Anand Agricultural University, Anand-388 110, Gujarat

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To,