

AAU

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From the Desk of Vice Chancellor.....

Science influences human development is an undeniable fact. To highlight the importance of science, the 'National Science Day' is celebrated across India on 28th February every year. It is celebrated to honour the contributions of scientists towards the development of the country. It also commemorates the discovery of the Scattering of light popularity known as **Raman Effect** by the prominent physicist **Sir Chandrasekhara Venkata Raman** who was awarded

the Nobel Prize in physics for this discovery in 1930. 'Raman Effect' refers to the phenomenon in spectroscopy which he discovered while working in the laboratory of the Indian Association for the Cultivation of Science, Kolkata. This was the first Nobel Prize for India in the field of physics and it was a remarkable discovery that paved the way for several future scientific advances. The National Council for Science & Technology asked the government of India in 1986 to designate February 28 as the National Science Day. Since 1987, the National Science Day pays tribute to the iconic physicist and calls on the Indian youth to follow in his footsteps. This year 2022, the NSD is being celebrated with the theme of "Integrated Approach in Science & Technology for Sustainable Future".

The theme of the National Science Day for 2022 emphasizes the adoption of an integrated approach in science and technology for sustainable future, which is the need of the era. There can be various approaches to achieve the sustainable future by incorporating the integrative outlook in four ways. One of them can be achieved by integration of all the scientific communities working on theme based approach. Second may be the integration of various disciplines of science including medical sciences for constructive output for the society. Third may be identifying the need of the other disciplines and incorporating multidisciplinary approach and the fourth would be integrating all approaches and making it a practical solution for the sustainable future by encouraging industrial and individual contributions by start-ups. The New Education Policy (NEP) also encourages a comprehensive, multidisciplinary and interdisciplinary approach for reshaping the abilities of the youth of the country.

Being a Vice Chancellor of an agricultural university, I believe that the inclusive attitude in the field of Agriculture would definitely suffice the essential sustainable development through 'Science and Technology' and will positively benefit farmers and the society by and large. I am firm that with the collaborative efforts of scientific community we will accomplish the mission of achieving 'Sustainable Future'.




(K. B. Kathiria)



18th ANNUAL CONVOCATION OF AAU



Dignitaries on the dias

The 18th convocation of Anand Agricultural University (AAU), Anand was successfully held on 2nd February, 2022 in active hybrid-mode. Shri Acharya Devvrat, the Hon. Chancellor of the University and Hon. Governor, Gujarat graced the occasion with his full-time online presence. Keeping in view the Covid-19 situation, all precautionary measures were taken, allowing a limited number of participants in physical mode of this ceremony. Which included all the awards winning scholars, faculty Deans, University officers, Heads of Departments, along with Hon. Vice Chancellors of various universities, AAU Board Members, Members of Academic Council and other invited guests. All other students, parents, and AAU officials/staff joined this 18th convocation via live broadcasting on AAU website.

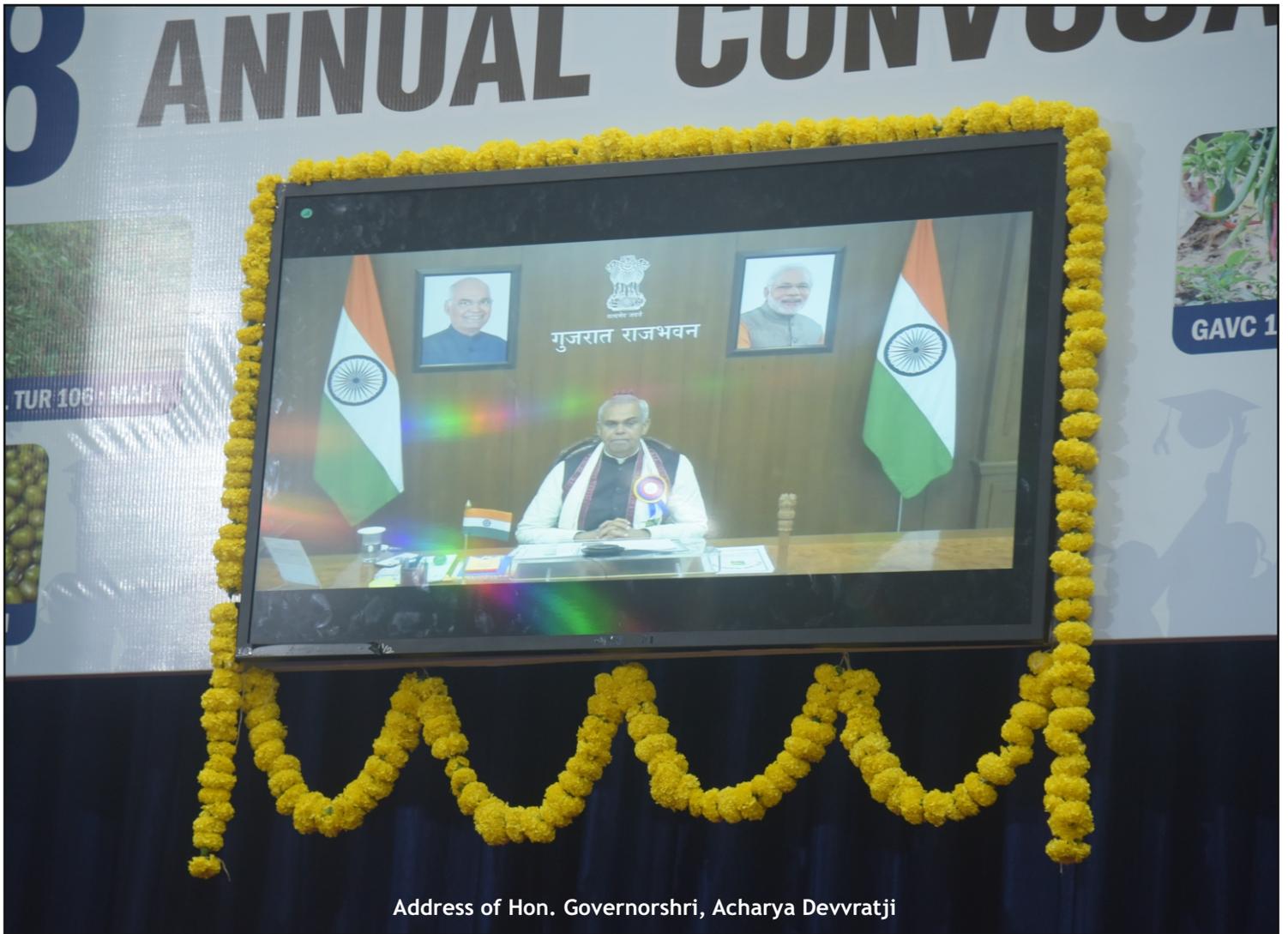
In his welcome address, Dr. K. B. Kathiria, Hon. Vice Chancellor, Anand Agricultural University, conveyed his greetings and best wishes to all the successful scholars for their awards as well as degrees. He profusely welcomed Hon. Governorshri of Gujarat, addressing him a factual and proficient visionary for Indian farming and as a big source of inspiration. After sharing glorious history, he meticulously

mentioned the legacy driven growth of AAU via hectic progressions delivered by its colleges, off-campus and technology transfer stations. He congratulated the faculty, students, and staff of AAU for securing 20th rank at national level.

During the convocation, 549 students were conferred with their UG, PG and Doctoral degrees cutting across 6 faculties of the universities. Out of these, 39 students obtained their PhD degree while 179 achieved their master's degree. The academic achievements of students, teachers,



Gold Medalist Students



Address of Hon. Governorshri, Acharya Devvratji

researchers, and extension experts were recognized in the form of several medals, awards and prizes. Dr. Gautam Patel, Registrar, Anand Agricultural University, formally announced the names of award winners across the faculty as well as the passed-out scholar; who were sequentially awarded with medals on the stage. In all, 27 bright students were bestowed with 58 medals comprising 19 gold medals, 33 gold plated silver medals and 6 cash prizes across various faculties. AAU faculty members namely Dr. R. G. Parmar, Dr. K. V. Patel and Dr. H. P. Patel received the 'Best Teacher Award', 'Best Main Researcher Award' and 'Best Co-Researcher Award', respectively. Further 'Best Extension Award' for the year 2020 & 2021 were conferred to Dr. J. K. Patel and Dr. B. D. Patel, respectively.

Dr. Bimal Patel, Hon. Vice Chancellor, Rashtriya Raksha University, Gandhinagar graced the occasion as the chief guest of the function. He started his speech by sharing his memories and connection with B. A. College of Agriculture way back in 80's when he used to be a student of this prestigious college. He emphasized, that futuristic scholars inevitably need to be better acquainted with smart digital technologies such as Artificial Intelligence, Machine Learning, GIS, Remote Sensing, IT, ICT, IoT, etc. keeping preserved the natural fundamental of agricultural knowledge.

In his convocation speech, Shri Acharya Devvrat, Hon. Governor of Gujarat, felt content with the overall progress and quality deliverables made by AAU in preceding year. He urged the younger generation to turn to natural farming as the soil fertility is reducing due to global warming and chemical and urea fertilizers. He informed that Integrating livestock with natural agriculture is going to transform Indian agriculture to release multiple benefits in terms of added sustained income to farmer. He mentioned that Indian Cow breeds are highly valuable towards natural farming when compared to exotic breeds.

During this convocation, Hon. Governor, virtually unveiled the newly constructed 'Kasturba Girls' Hostel' and released a couple of publications along with the 17th Annual Report of Anand Agricultural University. Dr. Gautam Patel, the Registrar, Anand Agricultural University presented the formal thanks giving address. With conductance of national anthem, the 18th convocation programme was declared over.



CELEBRATION OF 73rd REPUBLIC DAY



Anand Agricultural University celebrated 73rd Republic Day on 26th January, 2022. All University Officers, staff, students of different faculties and family members remained present to grace this yearly celebration. Dr. K. B. Kathiria, Hon. Vice Chancellor hoisted the flag and delivered a speech. Dr. K. B. Kathiria paid tributes to the freedom fighters and discussed the importance of the Republic Day.



Recalling the achievements of the AAU during the previous year Hon. Vice Chancellor said, “The NIRF, ICAR Ranking and ATAL Ranking have all placed us in the list of top institutions, but we definitely need to improve on this and all of us need to put in more sincere efforts in research and academic activities. We should go deeper and wider in our efforts in this direction.” He also urged that all should serve as a catalyst in driving the knowledge-driven society of our nation.

CELEBRATION OF REPUBLIC DAY AT PAE, DAHOD



The 73rd Republic Day was celebrated with gaiety and patriotic fervor at Polytechnic in Agricultural Engineering, Anand Agricultural University, Muvaliya Farm, Dahod during the foggy morning of 26th January, 2022. Dr. M. M. Trivedi, Principal unfurled the National Flag and accepted the salute and guard of honour.

In his speech, he highlighted the importance of the Constitution and its unique features such as Sovereignty, Socialism, Secularism and Democracy enshrined in the preamble of the constitution. He also gave an insight on the various accomplishments achieved by the college and motivated the staff members for bringing more laurels for the college through their achievements.

The Staff Members of Krishi Vigyan Kendra, Agricultural Research Station, Dahod also remained presence on this auspicious day. The programme ended with the message to create a great nation through collective efforts from all individual. Mr. Sachin S. Chinchorkar, NSS Programme Officer tendered vote of thanks. The celebration ended with the distribution of sweets to everyone present in the celebration



WORKSHOP ON “ENTREPRENEURSHIP-AGRI-CLINICS AND AGRI-BUSINESS CENTRES”

A Workshop on 'Entrepreneurship - Agri-Clinics and Agri-Business Centres' was organized by Processing and Food Engineering Department, CAET, AAU, Godhra in collaboration with NABARD, Panchmahal on 25th February, 2022 at College of Agricultural Engineering and Technology, AAU, Godhra.



On this occasion, Dr. R. Subbaiah (Principal & Dean), Dr. Navneet Kumar (Head-PFE), Shri Rajesh R. Bhosle (DDM, NABARD, Panchmahal), Shri J. D. Charel (District Agriculture Officer, Panchmahals), Shri Devidas Deshmukh (BOB-RSETI Director, Godhra), Dr. Neeraj Seth (Asst. Prof.-PFE), Er. Yagnik C. Yoganandi (Senior Res. Asst.-PFE), HODs of different departments, UG (Final Year) and PG students remained present. Dr. R. Subbaiah highlighted the need of entrepreneurship and motivated the students.

Dr. Navneet Kumar delivered a lecture on the Scope of Agro-processing Technologies for entrepreneurship to the students. Shri Rajesh R. Bhosle delivered a lecture on Basic Information regarding Support from GOI & Agri- Clinics and Agri-Business Centres (ACABC) for Entrepreneurship. Dr. Neeraj Seth delivered vote of thanks at the end of workshop.

ORGANIZATION OF TRAINING PROGRAMMES

TRAININGS ON ORGANIC FARMING

Department of Agronomy, B. A. College of Agriculture, AAU, Anand organized two five-days training programme for farmers on Organic two Farming from 3rd to 7th January, 2022 and 14th to 18th February, 2022, in which 32 and 33 farmers participated, respectively. These training programmes were conducted with the objective of imparting theoretical and practical training related to organic farming for the benefit of farmers. Issues such as management, crop protection, field management, weed management, cow based farming, certification system, market system etc. were discussed in depth and participants were acquainted with the organic farms and organic stores around Anand with the noble intention of inspiring participants to engage in organic farming were also carried out.

The feed back of the trained farmers was also taken at the end of the programmes, wherein all the farmers were fully satisfied with the knowledge gained and also committed to commence organic farming on his/her own farm. Dr. V. J. Patel, Professor and Head also highlighted the importance and opportunities of organic farming.

At the end of the training programme and vegetable seeds were distributed to the farmers.



TRAINING ON INTEGRATED PEST MANAGEMENT

Under the plan scheme “Integrated Pest Management” supported by the Government of Gujarat, three IPM trainings were conducted during January to March 2022 by the Department of Entomology, BACA, AAU, Anand. In these training programs, total 113 farmers participated from Dahod, Kheda and Anand district. During the training



programme, farmers were trained on the various aspects of IPM viz., cultural control, mechanical control, biological control, use of botanicals as well as chemical control measures. Farmers also visited different centers viz., Main Forage Research Station, Main Vegetable Research Station, Horticulture farm, Apiary and Agronomy farm at AAU, Anand.

- ◆ A four-day training program on “Integrated Pest Management in Agricultural Crops” was organized by KVK, AAU, Devataj in collaboration with Department of Entomology, BACA, AAU, Anand on 22nd to 25th February, 2022. Total of 40 farmers of Anand district remained present. Professor and Head of Department of Entomology, Dr. D. B. Sisodiya and Assistant Professor, Dr. H. C. Patel, were also remained present. During inaugural programme, Dr. A. C. Vaidya, Senior Scientist & Head, Krishi Vigyan Kendra urged the farmers to adopt non-chemical farming practices to reduce production cost as well as to increase crop quality and earning more income. Dr. D. B. Sisodiya provided information on the planning and various activities of the Department of Entomology. Dr. H. C. Patel gave detailed information regarding the academic, research and extension activities of the university. Dr. R. M. Patel, Scientist (Crop Protection), KVK, Devataj proposed vote of thanks.



TRAINING ON FRESHWATER FISH FARMING



KVK, AAU, Devataj organized a five day training programme on Freshwater Fish Farming from 1st to 5th February, 2022 at Aniket farmers' hostel, AAU, Anand.

Total 23 participants from various districts of Gujarat state actively participated in this programme. Mr. J.H. Bhatt, Scientist (Fisheries) discussed about various technologies of freshwater aquaculture such as breeding and seed production of fishes,

fish seed rearing, feed management, soil and water management, disease management. Resource persons from fisheries departments were also invited for lectures. Practical aspects on feed formulation and preparation of farm made feed were also discussed. A field visit was organized at Government Fish Seed Production Center, Lingda Ta. Umreth. Certificates were distributed to all the participants during valedictory function.

TRAINING ON BAKERY

A one day Bakery Training Program was organized by KVK, AAU, Devataj in collaboration with Bakery School, Polytechnic in Food Sciences and Home Economics, AAU, Anand on 19th March, 2022. This training was actively attended by 48 farm women. At outset Dr. A. C. Vaidya, Senior Scientist & Head, Krishi Vigyan Kendra welcomed the scientist and participants. Shri Hardikbhai A. Vaidya, Bakery Operator, Polytechnic in Food Science and Home Economics, AAU, Anand gave preliminary information on bakery recipes and various courses taught at Bakery school. He also practically demonstrated various bakery items such as *farali* biscuits, *Nankhatai*, chocolate, coconut biscuit etc. This



programme was anchored by Mrs. A.N. Jadav, Program Assistant (Home Science) Krishi Vigyan Kendra, AAU, Devataj.

TRAINING ON CAPACITY BUILDING PROGRAMME



- ◆ KVK, AAU, Devataj organized five training (3 days each) on Capacity Building of Farmers through Training Programmes on Profitable Dairy Farming and Livestock Management sponsored by the Ministry of Fisheries, Animal Husbandry and Dairying, Government of India. More than 200 livestock farmers and farm women actively participated in the programme.
- ◆ Five training programmes on health-care management of goats, feed and fodder management of the milch animals, processing of low quality fodders, value addition in milk and dairy farm mechanization were organized during this period. In this training programme welcome address and introductory remarks were given by Dr. A. C. Vaidya, Senior Scientist and Head. Dr. Shrikant B. Katole (Scientist, Animal Science) discussed theme wise details of topics during all the training. Farmers were also acquainted with nursery and demonstration units of KVK.

OTHER TRAINING PROGRAMMES



- ◆ KVK, AAU, Devataj organized five on-campus and 13 off-campus training programmes benefitting more than 558 farmers and farm women. In total 8 natural farming training programmes, total 241 farmers and farm women actively participated.

CELEBRATION OF VARIOUS DAYS

INTERNATIONAL WOMEN'S DAY



- ◆ On the occasion of International Women's day and Platinum Jubilee year of B A College of Agriculture, Anand Agricultural University, Anand one medical checkup camp for girl students of AAU, Anand was organised by University level Gender Committee on 08th March, 2022 under the guidance of Gender Committee Chairperson Dr. M.S. Kulshrestha. The guest lecture on 'Our Health in Our Hands' by Ms. Jigna R Patel, Chief

Dietician, Shri Krishna Hospital, Karamsad was also organized to create health awareness among the Girl students. Total 450 girl students and 60 faculties were tested for Bone Mineral Density (BMD) & Body Composition Analysis (BCA). Dr. M. K. Jhala, Director of Research, Dr. H. B. Patel, Director of Extension Education, Dr. Y. M. Shukla, Principal and Dean, Dr. G. R. Patel, Registrar and Dr. R. G. Parmar, Organising Secretary of Platinum jubilee remained present to grace the occasion. The programme was anchored by Dr. Arna Das and vote of thanks was proposed by Dr. Sneha Makwana.

- ◆ Krishi Vigyan Kendra, AAU, Devataj and Department of Horticulture, Government of Gujarat jointly organized "International Women's Day" on 8th March, 2022. Total 103 farm women from different villages participated in this programme with enthusiasm. The chief-guest for this programme was Mrs. Parvatiben Parmar, President, Taluka Panchayat, Sojitra and the special guest was Dr. Smitaben Pillai, Deputy Director of Horticulture, Jilla Panchayat, Anand and Dr. Amitaben Parmar, Floriculturist, College of Horticulture, AAU, Anand remained present. In addition, Ms. Jinny Macwan from National Dairy Development Board, Anand and Mr. Kishan Singh Dabhi, Horticulture Officer, Jilla Panchayat, Anand were also present as the keynote speaker. An exhibition was also organized by *Sakhi Mandal*. All the participants were given lemon plant and vegetable seeds for the kitchen garden. At the beginning of the programme, Senior Scientist & Head, Krishi Vigyan Kendra Dr. A. C. Vaidya explained the importance of celebration of Women's Day and discussed the contribution of women in agriculture. All the dignitaries discussed various topics such as urban horticulture, bio-gas plant through animal husbandry as well as use of slurry in the field, how to get benefit of various horticulture schemes as well as how to



apply online, value addition in horticulture crops and commercial horticulture. Mrs. A. N. Jadav, Program Assistant (Home Science) discussed this year's theme of International Women's Day 'Break the Bias' and also gave information about healthy food for women's health. Progressive woman farmer Mrs. Sagunaben Patel, from village Israma provided information on importance of Kitchen Garden. At the end of the program, Dr. S. B. Katole, Scientist (Animal Science) proposed the vote of thanks.

- ◆ A one day workshop on '*Stree ne Lagta Kayda ane Samajik Vicharsarni Tatha Swastha Mahila Swastha Bharat*' was organised on International Women's Day. Approximately 150 students, faculty and ladies of CAET campus participated in the workshop. Mrs. Vaidehi Dani, Advocate & Notary, delivered a lecture on *Stree ne lagta kayda ane Samajik Vicharsarni* and Dr. Manisha Maheta, E.N.T. specialist had delivered a lecture on *Swastha Mahila Swastha Bharat*.



NATIONAL GIRL CHILD DAY

National Girl Child Day was started back in 2008 by the Ministry of Women and Child Development with the aim of highlighting the inequalities faced by girls at many levels in our society. The purpose behind celebrating this day is to create awareness on a number of topics such as rights of a girl child, importance of education, proper nutrition and health.

With an aim of '*Save Girl Child for Better Future*' with this aim, NSS Unit of Polytechnic in Agricultural Engineering, AAU, Dahod and Krishi Vigyan Kendra, AAU, Dahod jointly celebrated National Girl Child day on 24th January, 2022, through Google Meet. The objective of National Girl Child Day is to provide maximum support and facilities to girls of the country in every aspect and to raise awareness about discrimination against girls.

Addressing the students, Dr. R. Radharani, Scientist, KVK, Dahod talked about the purpose of the day and appealed to spread awareness among the people about the inequalities that girls face in India. Dr. H. L. Kacha, Unit Head and



Scientist, KVK, AAU, Dahod concluded the event by emphasizing on the fact that every individual has to come forward to remove the inequalities faced by the girls in the society. Total 50 students, NSS volunteers, staff members participated in this event. Mr. Sachin S. Chinchorkar, NSS Programme Officer extended the vote of thanks. The programme was organized with the support and guidance from Dr. M. M. Trivedi, Principal, PAE, AAU, Dahod.

NATIONAL YOUTH DAY

B. A. COLLEGE OF AGRICULTURE

On the occasion of Swami Vivekananda's 159th birth anniversary, students of B.A. College of Agriculture, AAU, Anand celebrated the 'National Youth Day-2022' on 12th January, 2022. Swami Vivekananda always said that 'youth is the best time, and the way in which you utilise your time will decide the coming years that lie ahead of you'. To share this message, students of B. A. College of Agriculture organized an online elocution competition on the theme "Youth Power in Nation-Building". The Program was executed by Shri Dhaval Savaliya, General Secretary, student of eighth semester and Esha Shah, student of third semester virtually through the Google Meet platform under the guidance of Dr. Vinay Kumar. Dr. Y. M. Shukla, Principal and Dean welcomed all the students and briefed about the contribution of Shri Swami Vivekanand to our great cultured nation. Students namely Radhika Ghetia, Uday Mothiya, Priya Yadav, Het Patel, Tanya Brahmabhatt, Jahnvi Patel, Tejasvini Patel and Omdeep Zala presented their thoughts on Swami Vivekanand. The faculty members and students participants of B. A. College of Agriculture attended the event.

POLYTECHNIC IN AGRICULTURAL ENGINEERING AND KVK, DAHOD

The NSS Unit of Polytechnic in Agricultural Engineering, AAU Muvaliya Farm, Dahod, & Nehru Yuva Kendra, Dahod jointly organized a webinar on "National Youth Day-2022 on 12th January, 2022. In the beginning, Mr. Ajit Jain, Youth Coordinator NYK, Dahod welcomed all the dignitaries viz., Shri Harish Vyas, Swami Vivekanand Centre, Vadodara, Mrs Sandhya, Chief Medical Officer, Zydus Medical College Hospital, Dahod, Shri Satyajit Santosh, District Youth

Officer, Valsad Division, Shri Anupam, District Youth Officer, Daman and Shri B. C. Mannaji.

Shri Harish Vyas, the chief guest of this function highlighted number of salient points regarding the life of Swami Vivekananda and his contribution towards the educational field. He also highlighted one of the great thought of Swami Vivekananda i.e., 'Principles are more important than the Person'.

Mrs Sandhya, Chief Medical Officer, Zydus Medical College Hospital, Dahod spoke about the importance of the principles of Swami Vivekananda to achieve a success in life. Total 100 people participated in this programme.

CELEBRATION OF AGRIFEST 2022 ON NATIONAL SCIENCE DAY



National Science Day is celebrated in India on 28th February every year to mark the discovery of the "Raman effect" by the Great Indian physicist Sir C. V. Raman. On the occasion of "National Science Day", "Azadi Ka Amrut Mahotsav" and B. A. College of Agriculture College's "Platinum Jubilee year", the students and faculties of B. A. College of Agriculture, AAU, Anand celebrated "AGRIFEST 2022" on 28th February 2022 to spread a message about the importance of agriculture science used in the daily life of the people and to encourage as well as to popularize agriculture science and technology among the students and faculty of the college.

B. A. College of Agriculture celebrated the day by organising various competitions, including Quiz, Poster Making, On the Spot Painting, Photography, Rangoli, Chai Pe Charcha, Treasure Hunt, Modemo, Bech Ke Dikha and Business Idea. Total 410 students participated from all the constituent colleges of Anand Agricultural University. The winners of

each event were felicitated with a memento, book and certificate.

Dr. K. B. Kathiria, Hon. Vice Chancellor, Anand Agricultural University, conveyed the best wishes for this event and motivated students to come forward with dynamic thoughts in favour of agriculture development.

In the valedictory ceremony, Dr. Y. M. Shukla, Principal and Dean, B. A. College of Agriculture highlighted the importance of the topic and its social relevance. Dr. D. H. Patel, Director of Students' Welfare also highlighted the importance of the programme and how it contributes to the personality development among the students. In his presidential remarks, Dr. M. K. Jhala, Director of Research & Dean, PG Studies, highlighted the importance of the day and congratulated the BACA team for taking the initiative towards the students' welfare. Dr. D. J. Parmar, Chairman of SRC, took keen interest to make this program a grand success.

The programme ended with a vote of thanks by Shri Dhaval Savaliya, General Secretary of B. A. College of Agriculture.

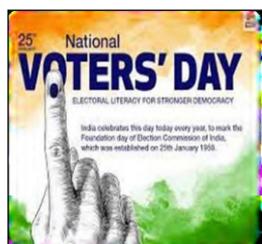
NATIONAL VOTERS' DAY

PAE, DAHOD

National Voters' Day is celebrated to encourage, facilitate and maximize enrolment, especially for the new or first-time voters. The main objective of the day is to educate and encourage young voters to vote during elections.

The SRC & NSS Unit of Polytechnic in Agricultural Engineering, AAU, Dahod with Krishi Vigyan Kendra, AAU, Dahod jointly celebrated "National Voters day " on 25th January 2022. The main objective of the programme was to popularize electoral participation and disseminating information about electoral processes.

Addressing the students, Dr. R. Radharani, Scientist, KVK, Dahod informed that Indian democracy is a shining example for the world. Total 50 students, NSS volunteers, staff members participated in this event. The Voters' Day Pledge is a healthy reminder to the students of an institution to cast their vote positively in every election. The Pledge is an important medium to communicate the essence of a healthy democracy. The students participated in the event with great enthusiasm and in full spirit.



Mr. Sachin S. Chinchorkar, NSS Programme Officer extended vote of thanks. The event was organized with the support and guidance of Dr. M. M. Trivedi, Principal, PAE, AAU, Dahod.

FARMERS' DAY

The farmers' day on "Makaima Sankalit Jivat Vyavasthapan" at Mehlolni Muvadi, Ta. Godhra, Dist. Panchmahal was organised by Department of Agril. Entomology, BACA, AAU Anand on 11th March, 2022 under the plan scheme "Integrated Pest Management and Bio-Control". About 130 maize growers actively participated in this farmer's day celebration chaired by Dr. Y. M. Shukla, Principal and Dean, BACA, AAU, Anand in the august presence of Shri Deepak Rabari, Deputy Director of Agriculture (Ext.), Panchmahal. The event began with lightening of the lamp, prayer, AAU's theme song and welcome address delivered by Dr. D. B. Sisodiya, Professor & Head, Department of Agril. Entomology. Two folders viz., "Bagayati Pakoma Falmakhinu Sankalit Vyavasthapan" and "Bij Mavjat : Ocha Kharche Kit Niyantran" were launched for creating farmer's awareness. Dr. D. B. Sisodiya provided information on the objectives and outline of the scheme and elaborated on management practices of fall armyworm infesting maize. Thereafter, Dr. H. C. Patel, Asst. Prof., Department of Agril. Entomology, Dr. R. G. Parmar, Prof. & Head, Department of Plant Pathology; Dr. R. K. Thumar, Prof. & Head, Department of Nematology, BACA, AAU, Anand; Dr. H. S. Varma, Asst. Res. Sci., MMRS, AAU, Godhra deliberated on plant protection measures for maize cultivation. Experts of various subjects: Dr. A. K. Singh, Head and Dr. Gangadhar, Scientist, CHES - CIAH, ICAR, Vejalpur; Dr. Kanak Lata, Senior Scientist and Head, KVK - ICAR, Vejalpur; Dr. D. C. Patel, Professor & Head, Department of Animal Husbandry, BACA, AAU, Anand also elaborated on different aspects and rendered knowledge for farmer's welfare. The programme preceded with question answer session addressed by dignitaries.

The chief guest, Shri Deepak Rabari, discussed about multiple schemes operated by the government. The programme was successfully hosted by Dr. M. D. Suthar and the vote of thanks was conveyed by Dr. H. C. Patel.



◆ Micronutrient Research Centre, ICAR Unit-9, AAU, Anand organized Farmers meet programmes and distributed inputs to create the awareness among the farmers to use of micro and secondary nutrients for higher yield and good quality crop produce. The programmes were organized under the ICAR Scheduled-Caste Sub-Plan (SCSP) at Anand Agricultural University, Anand on 28th March, 2022. Hon'ble Vice Chancellor, Anand Agricultural University, Anand, Dr. K. B. Kathiria was the Chief Guest of the programme who stressed that the scientists of the University are always available for addressing the farmers' queries. Dr. M. K. Jhala, Director of Research and Dean, PG Studies; Dr. H. B. Patel, Director of Extension Education and Dr. Y. M. Shukla,

Principal and Dean, B. A. College of Agriculture also present on this occasion. Dr. K. C. Patel, Officer In-Charge, Micronutrient Research Centre, welcomed the dignitaries and the farmers and thanked them profusely for gracing the occasion. The farmers were provided the input kits containing manual as well as battery operated Knapsack sprayer, Sulphur fertilizer, Multi-Micronutrient mixture grade-V, Insecticide, Bio-NPK Consortium and Gujarati bulletins published by the Micronutrient Research Centre, AAU, Anand. Total 75 farmers, scientists and PG students participated in this programme. Dr. Dileep Kumar, Assistant Research Scientist, Micronutrient Research Centre extended the vote of thanks.



- ◆ Micronutrient Research Centre, Anand Agricultural University, Anand is implementing Tribal Sub Plan (TSP) programme for upliftment of tribal farmers through awareness among the farmers regarding the use micro and secondary nutrients for higher yield. The Farmers' Meet was organized under the Tribal Sub Plan (TSP) programme at Moti Sadhli Village of Chhota Udepur District on 29th March, 2022. Dr. K. C. Patel, Head, Micronutrient Research Centre gave detailed information to the farmers about uses and importance of the micronutrient as well as secondary nutrients on soil and crops. Dr. Dileep Kumar, Assistant Research Scientist, Shri. Ravi Patel, Research Associate, Shri. Chetan Pandia, Research Associate, Micronutrient Research Centre were also present during the programme. Total 50 farmers and scientists participated in this programme. The farmers were provided the input kits containing manual as well as battery operated Knapsack sprayer, Sulphur fertilizer, Multi-Micronutrient mixture grade-V, Insecticide, Bio-NPK Consortium and Gujarati bulletins published by the Micronutrient Research Centre, AAU, Anand.



ACTIVITIES OF INFORMATION TECHNOLOGY CENTER

Technical support and Infrastructure - Live Streaming

Information Technology Center provides well-furnished and Wi-Fi equipped computer lab for use of university staff (faculty/students) as and when they require. IT center facilitates different departments for conducting online workshop, webinar, training, meeting, and live streaming at the computer lab.

Online exam

In this pandemic of COVID 19, Online Objective Examination System developed and managed by the IT center was used by different departments/colleges of the AAU. Online entrances exams of different programme, internal and semester end examinations of different colleges were conducted in this system.

Entrance/Online test

Competitive AAU exam for SRA was conducted at the Computer Lab of IT Center in the month of February, 2022.

E-Learning

IT center supports and manages the e-learning at AAU through the smart and virtual classroom during the COVID pandemic.

Internet and Network Management

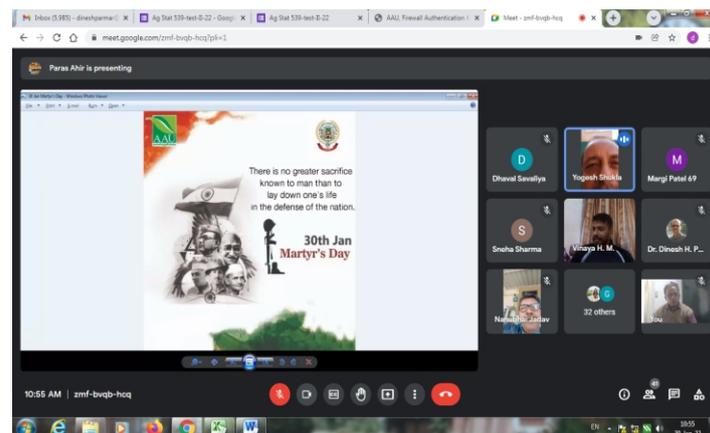
IT center provides and monitors the Internet facility through the LAN and Wi-Fi network at AAU campus and Vaso Campus including different colleges, departments, hostels.

CCTV Cameras

IT center have installed and monitored more than 40 cameras for the surveillance at the AAU.

TRIBUTE TO OUR NATIONAL HEROES ON SHAHEED DIN

To commemorate the devotion, loyalty and dedication extended by our national icons and to have inspiration from their ideals, the students and faculty of B. A. College of Agriculture, AAU, Anand, paid tribute to national heroes on *Shaheed Din* on 30th January 2022 at 11.00 a.m. through virtual mode. Total 160 faculty and students of B. A. College of Agriculture joined the programme.



TRIBUTE TO PULWAMA MARTYRS THROUGH CANDLE MARCH

In the warmhearted memories of *Pulwama* martyrs, a candle march was held by the students of B. A. College of Agriculture, AAU, Anand on 14th February, 2022. Remembering the martyrdom of 40 soldiers of India, on 14th February, 2019, all the students and staff observed mourning. Students from various institutes of Anand Agricultural University joined the rally along with the committee members of Students' Representative Council and Director of Students' Welfare.



ACTIVITIES OF SSK

- ◆ A two-days training programme was jointly organized by Sardar Smruti Kendra and Indian Farmers Fertilizer Cooperative Limited (**IFFCO**) at Sardar Patel Agricultural Educational Museum for middle Gujarat farmers on 7th-8th March 2022.
- ◆ Progressive farmers group of ATMA Burhanpur, Madhya Pradesh visited at Sardar Patel Agricultural Educational Museum, DoEE, AAU, Anand on 11th March, 2022.



- ◆ Interstate Training Programme on 'Modern Agriculture and Animal Husbandry' was organized at SSK during 14th to 18th February, 2022 for the Farmers group of ATMA Dist. Harda, (M.P).



- ◆ Interstate Training Programme on 'Modern Agriculture' was organized during 17th to 18th January, 2022 for the Farmers group of Banswara, district of Rajasthan state.



ORGANIZATION OF HEALTH CARE CAMP

CORONA VACCINATION CAMP

In collaboration with Urban Health Center, Ganesh Chokdi, Anand the Anand Agricultural University organized Covid-19 Vaccination Camp during January to March at Health Center, AAU, Anand. University employees, farm labours, pensioners and students took first and second dose of Covishield and Covaxin Vaccine. **Total 273 persons** benefited from this camp. All the vaccination camps were organized by Dr. Dinesh H. Patel, Director, Students' Welfare under the guidance of Dr. K. B. Kathiria, Hon. Vice Chancellor, AAU, Anand.



SUVARNAPRASHAN CAMP

In the collaboration with S.G. Patel Ayurveda Hospital, New Vallabh Vidyanagar Anand Agricultural University organized *Suvarnaprashan* Camp for 0 to 15 years old children of staffs, pensioners, farm labours during January to March at the Health Center, AAU, Anand. *Suvarnaprashan* contains Gold and other various ingredients which are known for boosting immunity as well as enhance memory of the children. It also increases digestion and lifespan. **305 children** were given *suvarnaprashan* during the camp. All the camps were organized by Dr. Dinesh H. Patel, Director, Students' Welfare under the guidance of Dr. K. B. Kathiria, Hon. Vice Chancellor AAU, Anand..



STUDENTS' CORNER

NSS ACTIVITIES

SMC POLYTECHNIC IN AGRICULTURE

NSS unit of Sheth M. C. Polytechnic in Agriculture, Anand Agricultural University, Anand arranged a special camp at Dharmaj Village. In this camp, 39 students of second year, Dr. J. I. Nanavati, NSS Programme Officer and Smt. Sejalben Savadhariya, Agril. Officer took part. As a part of celebrating *Azadi ka Amrut Mahotav* and under the able guidance of Hon. Vice Chancellor Dr. K. B. Kathiria, this special camp was organized successfully. NSS volunteers performed five *Prakalpa* in this special camp.



B. A. COLLEGE OF AGRICULTURE

As a part of “Azadi Ka Amrut Mahotsava” and “Platinum Jubilee Celebration of BACA, NSS unit BACA organized a seven days special camp at Lambhvel village of Anand



district during 11th-17th March, 2022 in which 69 NSS volunteers participated and carried out various campaigns for social awareness very enthusiastically. Campaigns such as self defense training to the ladies, cleaning at school campus, street plays on various themes like COVID-19 Vaccination, Voters Awareness, Women Empowerment, Fit India, Organic Farming, Say no to Drugs and Superstitious, Climate Crisis Awareness, Exhibitions on Martyrs of India and Malnutrition were successfully carried out during the camp. Moreover, tree plantation, distribution of birds' nest and visit to old age home was also conducted by Dr. Nikhil Joshi, Programme Officer, NSS



POLYTECHNIC IN AGRICULTURAL ENGINEERING

A few minutes of Yoga during the day can be a great way to get rid of stress that accumulates daily, in both, body and the mind. Yoga postures, *pranayama* and meditation are effective technique to release stress. Meditation relaxes and rejuvenates body and mind. With this aim a special session was organized by NSS unit of Polytechnic in Agricultural Engineering, AAU, Dahod under “Azadi Ka Amrit Mahotsav” and FIT INDIA MOVEMENT - Yoga on 04th March, 2022 in which 40 NSS volunteers, teaching and non-teaching staff participated. Yoga instructor Dr. Chirag conducted the yoga session. The session begun by seeking the blessings of the Almighty by chanting the Gayatri Mantra. *Asanas* starting with warming up and stretching were followed by a *Padmasanas*, *Sukhasan*, *Tadasana*, *Bhujang Asana* and ending with *Shavasana*. Exercises for relieving stress, reducing joint pain and enhancing the flexibility of the back were also done for the benefit of the volunteers. Dr. Chirag Patel motivated the staff and conveyed the importance of making yoga an integral part of our daily life by extending

the practice of yoga beyond the mat. The session concluded with an interactive session between the instructor and the teachers in which the queries of the teachers were addressed satisfactorily. In the present times when students



face stress, tension, fear, etc., simple 'asanas' can help in dispelling these. The programmes ended with dedication for the teachers by the messages and have a positive disposition towards the whole event.



ORIENTATION PROGRAMME FOR PG STUDENTS

As a part of "Amrut Mahotsav Par Yuva Sankalp - Shresth Bharat ke Panch Prakalp and to aware the village peoples about COVID vaccination and its importance, an awareness rally and door to door campaign were carried out by NSS Volunteers in Dholakuva Village on 05th March, 2022. Total 53 NSS volunteers of CAET actively participated in this special campaign. They visited the village door to door and made the village people aware about importance of covid vaccination. Dr. Kamlesh Jethva (Programme Officer)

framed, coordinated and implemented the whole programme under the guidance of Principal & Dean, Dr. R. Subbaiah.



POSTER & ESSAY COMPETITION



- ◆ A Poster Competition on 'Importance of Vaccination' was organized confusing statement under the banner of AKAM was organized 21st to 25th February, 2022 at CAET, AAU, Godhra. Approximately 60 students registered in the competitions and 11 participated in it. Students made thematic posters on "Importance of Vaccination". The event made the participants aware about the importance of vaccination and encourage others for vaccination, which may ultimately contribute and make India 100% vaccinated. Dr. Hardik S. Sharma and Ms. Shefali K. Modi Assistant Professors of the BEAS department of CAET, AAU, Godhra carried out the activities.
- ◆ A Slogan competition was organized on *Corona Sankraman Atkavva Tatha Rasikaran Ange* under the banner of AKAM from 14th to 18th February, 2022 at BEAS Dept. of CAET, AAU, Godhra. Approximately 40 students registered in the competitions and 03 participated in it. Students prepared thematic slogans on *Corona Sankraman Atkavva Tatha Rasikaran Ange*. The event made the participants aware about the importance of

vaccination. The same may help them to understand the importance of vaccination and prevention of COVID-19 which may ultimately contribute and make India fully vaccinated and prevent further spread. Dr. Hardik S. Sharma and Ms. Shefali K. Modi Assistant Professors of the BEAS department of CAET, AAU, Godhra carried out the activities.

- ♦ A Poster competition was organized on *Nashabandhi Temaj Kuriwaj Nivaran (Dahej Pratha Temaj Bhrun hatya Nivaran)* under the banner of AKAM on 25th February, 2022 at CAET, AAU, Godhra. Approximately 80 students registered in the competitions. Students have made very thematic posters on *Nashabandhi, Dahej Pratha* and *Bhrun hatya Nivaran*.



- ♦ An Essay competition was organized on *Nashabandhi Temaj Kuriwaj Nivaran (Dahej Pratha Temaj Bhrun hatya Nivaran)* under the banner of AKAM on 19th February,



2022 at CAET, AAU, Godhra. Approximately 80 students registered in the competitions and out of them 11 participated in it.

CHAMPION IN 10TH INTER POLYTECHNIC SPORTS TOURNAMENT

The 10th Inter Polytechnic Sports Tournament was organized by the Polytechnic in Food Science & Home Economics, Anand Agricultural University, Anand on 12th March, 2022. Total 36 Students of Sheth M. C. Polytechnic in Agriculture, Anand Agricultural University, Anand participated in the events viz., Volley-ball, Kho-Kho and Table-Tennis. Sheth M. C. Polytechnic in Agriculture, AAU, Anand became Champion in Kho-Kho (Boys), Table-Tennis (Boys and Girls) and Volley-ball (Girls').



GUJARAT STATE INTER AGRICULTURAL UNIVERSITY SPORTS TOURNAMENT

Gujarat State Inter University Boys Volleyball, Basketball and Table Tennis Tournaments were organized by the Junagadh Agricultural University, Junagadh on 24th March, 2022. Anand Agricultural University became the Champion in Basketball.

Gujarat State Inter University Girls' Volleyball, Badminton and Table Tennis tournaments were organized by the Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar on 24th March, 2022. Anand Agricultural University became the Champion in Badminton.



Gujarat State Inter University Kabaddi, Kho-kho, Cricket and Chess tournaments were organized by Navsari Agricultural University, Navsari during March 28-29, 2022. Anand Agricultural University became the Runners-up in Kabaddi.

INTERCOLLEGIATE CULTURAL AND LITERARY COMPETITIONS-2021-22

Intercollegiate Cultural and Literary competitions for the year 2021-22 were organized on 14th March, 2022 by the College of Horticulture, AAU, Anand. About 175 students from 8 different colleges participated in various cultural events (One-act Play, Mime, Mono acting and Folk Dance) and Literary events (Debate and Extempore). College of Horticulture won the first prize in One-act Play, Mime and Mono-acting competitions, while B. A. College of Agriculture won the first prize in Folk Dance. Whereas, in Literary events, College of Food Processing Technology and Bio-Energy became the winner in Extempore and Debate (Favour), While B. A. College of Agriculture became winner in Debate (Against). All the winner teams/Individuals were selected as the University players for Inter State Agricultural Universities Cultural and Literary Competitions.



VISIT BY STUDENTS OF SHRI SARDAR PATEL INSTITUTE OF DEVELOPMENT



Thirty students and faculty from Shri Sardar Patel Institute of Development had visited Department of Agricultural Entomology, BACA, Anand Agricultural University on 14th March, 2022. Students were eager know about various insects, departmental insect museum, honey processing unit and apiary. From this visit, they got acquainted with

basic information about insects i.e., beneficial and harmful insects, rearing of bees, instruments used in maintenance, procedure to maintain bee-boxes, honey extraction and processing and packaging of honey.

VISIT BY STUDENTS OF MAHARAJA SAYAJIRAO UNIVERSITY



The students and faculty of Department of Zoology from the Maharaja Sayajirao University of Baroda visited Apiary, honey processing unit, and insect museum of Department of Agricultural Entomology on 30th March, 2022. Seventeen students including eight from M. Sc. First year and nine from M. Sc. Second year were accompanied by four faculties were shown departmental insect museum and fall armyworm rearing.

PHONE IN LIVE

Dr. D. B. Sisodiya and Dr. H. C. Patel attended the phone in live programme as an experts on the topic of '**Kheti Pakoma Sankalit Jivat Vyavasthapan**', in Krishi-Darshan programme on Doordharshan, Ahmedabad, 18th March, 2022.

OUR PRIDE

- ♦ Dr. B. D. Patel, Ex. HoD, Agronomy and Agronomist & PI, AICRP-Weed Management, BACA, Anand Agricultural University, Anand was awarded **Best Extension Award 2021** for outstanding Extension work for the year 2021 by the Hon. Vice Chancellor of Anand Agricultural University, Dr. K. B. Kathiria and Hon. Vice Chancellor of Rastriya Raksha University, Dr. Bimal Patel in the occasion of 18th Annual Convocation held on 2nd February, 2022.



- ◆ Dr. J. K. Patel, Director, Extension Education Institute, Anand Agricultural University, Anand was awarded 'Best Extension Award' amongst all scientists/faculties of Anand Agricultural University, Anand for the year 2020 by Dr. K.B. Kathiria, Hon. Vice Chancellor, AAU, Anand and Dr. Bimal Patel, Vice Chancellor of Raksha University and the member of National Advisory Committee, New Delhi for significant contribution in the field of Agricultural Extension during the 18th annual convocation held on 02nd February 2022.



- ◆ Dr. B. S. Divekar, Associate Professor (Animal Science), Extension Education Institute, Anand Agricultural



University, Anand was awarded for Best article award published in Godarshan Guide magazine on the topic 'Doubling the farmers income through animal husbandry' by Shri Devabhai Malam, Hon'ble Minister of State, Animal Husbandry, Gujarat on 22th February, 2022 at Swarnim Sankul-1, Sachivalay, Gandhinagr.

- ◆ Dr. R. G. Parmar was awarded 'Associate Scientist Award' on the occasion of State Level Seminar on Maintenance of the Auality and Safety of Horticultural and Food Crops through Biological Control of Pests and Diseases organized by PPAG held on 30th December 2021 at NAU, Navsari.



GUJARAT STATE INTER UNIVERSITY STAFF TOURNAMENT 2021-22



Total 27 participants of AAU staff team participated in the Gujarat State Inter University Staff Tournament organized by Krantiguru Shyamji Krishna Verma, Kachchh University, Bhuj during January 07th-09th, 2022. They participated in





various games like Cricket, Badminton, Table tennis, Chess and Carrom. AAU reached in Quarter Final in Cricket Tournament and got third position in Chess and Carrom. Dr. K. B. Kathiria, Honorable Vice Chancellor, AAU, Anand congratulated the team 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 9,000 subscribers of this multicolored farm magazine as on December 2021.

RETIREMENTS

January 2022

1 Shri Dilipbhai R. Tadvi, Kayami Karel Rojandamdar Kalam-1, Office of the Comptroller, Anand (Retired)

February 2022

- 2 Dr. Ashwinkumar Sankarbhai Patel, Asstt. Res. Sci., Agri. Research Station, Thasra (Retired)
- 3 Dr. Satishkumar Singh, Asstt. Res. Sci., Main Maize Research Station, Godhara (Sad demise)
- 4 Shri Pradipbhai Ambabhai Patel, Steno-2, IABMI, Anand (Retired)
- 5 Smt. Pratimaben Mahendrabhai Dave, Peon, Main Rice Research Station, Navagam (Retired)
- 6 Shri Rajeshbhai Dahyabhai Solanki, Peon, Executive Engineer, Anand (Retired)

March 2022

Nil

"Man needs his difficulties because they are necessary to enjoy success"

- A.P.J. Abdul Kalam

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