



AAU

NEWSLETTER

Volume : 16
No. : 2
July - Sept. : 2019

Publication of Anand Agricultural University

PATRON

Dr. R. V. Vyas
Vice Chancellor

EDITORIAL BOARD

Dr. R. V. Vyas
Chairman

Dr. Arun Patel
Vice Chairman

Members

Dr. M. V. Patel
Dr. R. F. Sutar
Dr. M. N. Brahmhatt

Editor

Dr. H. B. Patel

Co-Editors

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

Asst. Editor

Sh. P. C. Patel
Dr. Nikhil Joshi

Quarterly Newsletter

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

For Office Use Only


Message

Agriculture plays an important role in India's economy in which about 60% of our country's population depends on agriculture. In the present scenario, there are many challenges in crop production such as low efficiency of fertilizers, declining proportion of organic matter, lack of more than one nutrient, scarcity of land and farm labour etc. Despite of all these challenges, the use of precision farming techniques which include bio and new technology, i.e. nanotechnology were very essential in modern agriculture to provide food to the growing population of the country.



Given the importance to modern science in agriculture, scientists believe that in future no field will be left without the contribution of nanotechnology. Experts and researchers are hopeful of achieving the most promising transformation and wonderful results from its use in agriculture. Due to the limited availability of natural resources such as land and water, the demand for nutritious food is increasing day by day. Scientists are trying to develop necessary methods to produce novel fertilizers that are able to meet the plant nutrient requirements through slowly releasing nutrient fertilizers using the principles of modern nanotechnology. Farming can be economical as the requirement of these nano fertilizer quantities is less than the chemical fertilizer produce by conventional methods and applied either directly in the soil or by spraying. Nano-products can be extremely useful in controlling unnecessary adverse effects on soil, water and microorganisms with increase in agriculture productivity and reducing cost of cultivation.

With an aim to become a leader in the nanotechnology education, research and development of novel nanoformulations, various research programmes are currently undergoing at the Department of Nanotechnology of Anand Agricultural University. In our country, efforts should be made to increase the use of nanotechnologies in agriculture for research, because in the coming days, there are many issues such as population growth, low amount of mineral elements, day-to-day growing resistance against pesticides, herbicides etc. which can be answered only through utilization of new farming methodologies, tools and technologies and nanotechnology holds answer to each of the above questions.


(R. V. Vyas)

ZREAC MEETING



The office of Directorate of Extension Education organized 29th Rabi pre-seasonal Zonal Agricultural Research-cum-Extension Advisory Committee (ZREAC) meeting on 26.09.2019 in Yagyavalkya Hall, AAU, Anand. The meeting was organized under the chairmanship of Dr. R. V. Vyas, Hon. Vice Chancellor, AAU, Anand. Officers working in the agriculture, horticulture, animal husbandry and fisheries department in all nine districts which falls under the jurisdiction of AAU were present in this meeting. University Officers, Scientist, Head of Departments and KVK Scientists also participated in the meeting. The Hon. Vice Chancellor in his opening remarks stressed on use of low cost and non-chemical inputs in agriculture. He also stressed on the need to reduce the use of chemicals in agriculture and allied sectors. Further, he briefed the house on experiments formulated by the State Agricultural Universities on natural farming. During the meeting, discussion on various feedbacks and problems faced by the farmers was also done.

FIRST CONVENTION OF AEAAG

First convention of Agricultural Engineering Alumni Association Godhra was held on 3 August 2019. Er. Suraj Savalia, Chairman & Managing Director, Patson Food (India) Pvt. Ltd., Navsari, Gujarat was the Guest of Honour for the inaugural session. Dr. Navneet Kumar, President, AEAAG



welcomed all the delegates. Dr. R. Subbaiah delivered a talk on the importance of alumni association and expressed his wishes for the association. Er. Savalia emphasized the progress made by food processing industries and process of motivation for the students. Er. K. R. Jethva, Secretary, presented vote of thanks. Alumni logo, website (<http://aeaag.in>) and souvenir were also launched during inaugural session. The students of first and second batches were also facilitated. A session for interaction between the alumni members was organized. First General Body meeting was organized to discuss overview, progress report, audited report and election of the new executive council body. A cultural programme was also organized by the students of College of Agricultural Engineering and Technology, Godhra. More than 300 participants attended in the event.

ONE DAY WORKSHOP ON ENERGY CONSERVATION AWARENESS

One day workshop on “ENERGY CONSERVATION AWARENESS” was organized jointly by College of Agricultural Engineering & Technology, Anand Agricultural University, Godhra and Gujarat Energy Development Agency, Gandhinagar on 19 September 2019. Total 175 participants including under graduate and post graduate students from various colleges participated in the workshop. The aim of the workshop was to train the students to utilize their skills for increasing Energy Efficiency and Productivity. Theory and practical sessions were incorporated in this workshop which covered all important topics starting from the Global Energy & Environment Scenario, Efficient Utilization of Energy in Industries, Energy Efficient Practices & Technologies, Renewable Energy Technologies Types and Importance”.



EXPERT LECTURE ON A PRE-REQUISITE FOR HUMAN RESOURCE DEVELOPMENT & INSTITUTION BUILDING

The Institute Industry Interaction Cell (IIIC) of the College of Agricultural Engineering and Technology Godhra organized an



expert lecture and interactive session with Dr. T. J. Purakayastha, Principal Scientist, Indian Agricultural Research Institute, New Delhi on 31 August 2019 at CAET Auditorium, CAET, Anand Agricultural University, Godhra. Total 405 participants including under graduate and post graduate students from various colleges participated in the event.

TRAINING PROGRAMME ON "FOOD NUTRITION, QUALITY AND FOOD SAFETY"

One day training programme on "Food Nutrition, Quality and Safety" was organized by Processing and Food Engineering Department in Collaboration with National Service Scheme (NSS) unit of CAET, Godhra on 7 August 2019 at College of Agricultural Engineering and Technology, AAU, Godhra. First year and second year students of B. Tech. (Agril. Engg.) actively participated in the training programme. On this occasion, Dr. R. Subbaiah, Dean CAET, Godhra, Dr. Navneet Kumar (HOD, PFE Department), Er. K. R. Jethva (NSS Programme Officer), Dr. Neeraj Seth (Assistant Professor, PFE Department), Er. Y. C. Yoganandi (SRA, PFE Department) and all HODs of different departments remained present in the inaugural session. The training was started with lightening of lamp by dignitaries on the dais and Heads of the departments followed by floral welcome of the guest. Welcome speech was given by Dr. Navneet Kumar followed by outline of programme by Er. K. R. Jethva. After that Dr. Subbaiah delivered a lecture on 'Nutrition and Dietary Habits'. Lectures on 'Eating disorder and importance of balanced diet', 'Functional foods', 'Food safety standards', 'Food adulteration' and 'Fast foods and packed foods' were delivered by Dr. S. K. Singh, Dr. Navneet Kumar, Dr. N. Seth, Er. K. R. Jethva and Er. Y. C. Yoganandi respectively. An awareness rally was also organized in the afternoon by first year and second year students of CAET, Godhra.



GLOBAL MICRONUTRIENT SUMMIT-2019

Dr. K. C. Patel and Dr. Dileep Kumar from Micronutrient Research Scheme, ICAR Unit-9 and Dr. V. P. Ramani, Directorate of Research, AAU, Anand attended two days Global Micronutrient Summit-2019 held at Leela Palace Hotel, New Delhi during 5-6 September 2019. The summit was jointly organized by International Zinc Association (IZA), Fertilizer Association of India (FAI) and All India Coordinated Project on



Micro and Secondary nutrients and Pollutant Elements in Soil and Plant (AICRP-MSNPE), Indian Council of Agricultural Research (ICAR), New Delhi.

TRAINING ON DISASTER RISK MANAGEMENT FOR LIVESTOCK

Training of Trainers on "Disaster Risk Management for Livestock" was arranged during 16 to 18 September 2019 at Gujarat Institute of Disaster Management, Gandhinagar with collaboration of Directorate of Animal Husbandry, Gandhinagar and Veterinary Emergency Response Unit, (VERU), AAU, Anand. Dr. J. H. Chaudhary, Assistant Professor, VPH Dept., Anand and Dr. M. A. Sheikh, Assistant Professor, Animal Nutrition Research Station, Veterinary College, AAU, Anand participated in the programme. Dr. R. S. Joshi, Co-ordinator, VERU and Dr. S. K. Raval, Professor and Head, Dept. of Veterinary Medicine worked as resource persons in the programme. Participants from the entire state attended the programme and gave useful inputs as well as they were trained for various aspects to reduce the risk for the animals in disasters.



LIVE WEBCASTING PROGRAMME OF THE LAUNCH OF NADCP & NAIP

Krushi Vigyan Kendra, AAU, Anand (Devataj) organized on live webcast of the launching of National Animal Disease Control Programme (FMD & Brucellosis) and National Artificial Insemination Programme and



“Swachhata Hi Seva” programme by Hon. Prime Minister Shri Narendra Modi from Mathura, Uttar Pradesh. The programme was organized in collaboration with Department of Animal Husbandry & Dairying, Government of Gujarat, Anand on 11 September 2019. This programme was organized in the presence of Hon. MLA (Khambat) Mr. Mayurbhai Kanaiyalal Raval and Dr. Arun Patel, Director of Extension Education, AAU, Anand, Sarpanchs, Chairmen and Secretaries of Dairy Cooperatives of different villages. Dr. G. G. Patel, Senior Scientist & Head, KVK, Anand welcomed all. More than 200 farmers participated in the programme. This programme was organized by Scientists of KVK Anand and Dr. Pankaj Gaikwad, Veterinary Officer, Sojitra and team. Simultaneously an animal vaccination and camp and cattle camp were also organized by the Department of Animal Husbandry, District Panchayat Anand at Devataj. Total 1740 vaccinations and 11 artificial inseminations were done.

MONITORING OF SEED PRODUCTION UNDER ICAR SEED PROJECT AND AICRP (NSP)

Western Zone – II Monitoring team of three scientists led by Dr. Basave Gowda, Convener & Special Officer (Seeds), UAS, Raichur visited Regional Research Station, Anand the lead centre of ICAR Seed Project on 16 October 2019. During visit the team appreciated well maintained seed production and processing infrastructure and its utilization. The team also visited the seed production plots of Regional Research Station, AAU, Anand and was satisfied with the progress of the centre. The team also appreciated large scale breeder seed production of Anand Agricultural University, Anand.



DISTINGUISHED VISITORS



- ♦ Dr. B. R. Shah, Hon. Vice Chancellor, Gujarat Organic Agriculture University, Organic University, visited AAU, Anand on 11 July 2019. He had an interaction meeting with Dr. N. C. Patel, Hon. Vice Chancellor, AAU, Anand; Dr. K. B. Kathiria, Director of Research; Dr. A. A. Patel, Director of

Extension Education; Deans, Faculties of Dairy Science and FPT & BE; Director of IT, Registrar, Associate Director of Research and Associate Director of Extension Education.

- ♦ A delegation of SAARC comprising of 35 members led by Dr. Rudra B., Policy Advocacy along with two officials (Shri Hrishikesh Kumar and Shri Denzil Dias) from NDDDB, Anand visited AAU, Anand on 24 July 2019. During the Interactive Meeting held at Yagyavalkya hall, University Bhavan, AAU, Anand, Dr. N.C. Patel welcomed all the delegates. He emphasized that the research outcome carried out by the Scientists of AAU, Anand is extended up to the farmers, even through online Apps, facilitated strong extension activities. He also invited them to collaborate with AAU, Anand for education and research programmes.
- ♦ The interaction meet was followed by the visit of the delegates to Sardar Patel Agricultural Educational Museum, Biofertilizer Unit and Vidya Dairy, Anand.



- ♦ Gujarat Administrative Service (Depy. Collector Trainee Officers) batch visited at AAU Agriculture Museum on 03 July 2019.



- ♦ A team from GNFC comprising of Mr. Manish Billore, Additional General Manager, Mr. M. I. Patel, and Mr. D. J. Adhvaryu Sr. Marketing Manager, GNFC, Bharuch visited Biofertilizer Plant on 25 September 2019.
- ♦ A group of farmers from Panchmahals district through Sadguru foundation and Foundation of Ecological Society



visited Biofertilizer project on 26 September 2019. They were acquainted with importance of Azolla as biofertilizer for rice and feed supplement for poultry and animals.

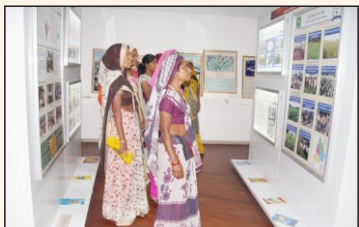
ACTIVITIES OF SARDAR SMRUTI KENDRA

- ♦ Farm women visited Sardar Smruti Kendra, Anand and interacted with Director of Extension Education, AAU on 11 July 2019



- ♦ Women farmers of ATMA, Vijapur, Gujarat during their inter state tour at Sardar Smruti Kendra, AAU, Anand.

- ♦ A farmers group of women Farmers, ATMA, Jamnagar visited Sardar Smruti Kendra, DoEE, AAU, Anand on 10 August 2019



- ♦ Women farmers of ATMA, JAMNAGAR visited Sardar Patel Agricultural Educational Museum AAU on 9 August 2019

- ♦ Foreign Delegation visit Sardar Patel Agricultural Educational Museum, AAU on 23 August 19



- ♦ Odissa farmers (Technology Mission on Cotton) visited at Sardar Smruti Kendra on 9 September 2019.

NUTRITION MONTH CELEBRATED BY S.M.C. POLYTECHNIC IN AGRICULTURE

Nutrition Month was celebrated during September 2019 by Sheth M. C. Polytechnic in Agriculture, AAU, Anand. One day seminar on "Nutrition Requirement of Adolescent Age Students" was organized on 11 September 2019 at Sheth M. C. Polytechnic in Agriculture, Anand. Dr. Minaxiben Prajapati, Assistant Professor from Polytechnic in Food Science & Home Economics delivered a lecture on Nutrition requirement of adolescent age students. She explained about adolescent age and nutrition requirement during this age. She also explained about carbohydrates, fats, vitamins, minerals and calories requirement of adolescent age students and source of these nutrition from various foods. She also gave advice about type and quantity of food to be taken in breakfast, lunch and dinner.



CELEBRATION OF NATIONAL NUTRITION WEEK AT POLYTECHNIC IN FOOD SCIENCE AND HOME ECONOMICS

Celebration of National Nutrition Week from 1-7 September 2019 was organized at Polytechnic in Food Science and Home Economics, AAU, Anand. As a part of this celebration different competitions like nutritious recipe competition, poster making on *Beti bachao* and No Addiction themes, skit writing on nutrition and health and nutrition quiz competition were organized for students.



SCIENTIFIC TALK BY ALBERT LI AT COLLEGE OF VETERINARY SCIENCE AND ANIMAL HUSBANDRY



Faculty club of College of Veterinary Science and Animal Husbandry organized a scientific talk of a foreign scientist Dr. Albert Li. He is one of the pioneer scientists who successfully cryopreserved human hepatocytes and enterocytes and currently acting as President, CEO and co-founder of In Vitro ADMET Laboratories, USA. He delivered a talk on "Novel Hepatocyte and Enterocyte Technologies for Drug Development" on 16 September 2019 at Seminar Hall, Kapila Teaching Complex, Veterinary College, AAU, Anand. Dr. M. N. Brahmbhatt, Principal & Dean of the college warmly welcomed the guest, faculty and students. Dr. Deepak Barot, President & CEO, PBR Private Ltd., Gandhinagar also remained present and briefly introduced the subject and the guest. All the teachers and post-graduate students participated and interacted with Dr. Albert, Dr. S. K. Bhavsar, Professor and Head, Veterinary Pharmacology and Toxicology conducted the programme and proposed vote of thanks.

SWACHCHTA PAKHWADA-2019

'Swachchhta Pakhwada-2019' was celebrated during 1 August 2019 to 15 August 2019 by Sheth M. C. Polytechnic in Agriculture, AAU, Anand. Different activities were organized during this period by Dr. J. I. Nanavati, NSS Programme officer with the help of all the staff members of the S.M.C. polytechnic. One day seminar on 'Swachchhta Abhiyan' was organized on 1 August 2019 at Sheth M.C. Polytechnic in Agriculture, Anand. Dr. H. B. Shakya, Ex. NSS Programme Officer and Assistant Professor delivered a speech on personal public cleanliness, physical cleanliness and soul cleanliness. He also advised not to use plastic in daily life, which is the major cause of environment deterioration. Dr. J. I. Nanavati, NSS Programme officer also guided students for the support to this Swachchhta events for the benefit of the nation. 'Swachchhta Shapath' was taken by all the students and staff

members on 1 August 2019. Cleaning programme was also organized to clean surrounding areas of college campus, garden, laboratory, class rooms and boys hostel on 3 August 2019. The NSS volunteers removed unwanted vegetation from the surrounding areas of college, hostel and road sides.



CELEBRATION OF NATIONAL DE-WORMING DAY AT POLYTECHNIC IN FOOD SCIENCE AND HOME ECONOMICS

Polytechnic in Food Science and Home Economics, AAU, Anand celebrated National De-worming day on 8 August 2019 as a part of NSS activity. The De-worming tablets were distributed to 38 students below 19 years age. They were also oriented towards the importance of De-worming for health.



TEACHERS DAY CELEBRATION AT POLYTECHNIC IN FOOD SCIENCE AND HOME ECONOMICS

Teacher's day was celebrated on 5 September 2019 at Polytechnic in Food Science and Home Economics, AAU, Anand. Head of the Polytechnic college explained the importance of Teachers day.



CELEBRATION OF INTERNATIONAL YOUTH DAY AT KVK, DEVATAJ

International Youth Day was celebrated at KVK, AAU, Devataj on 12 August 2019. Mr. Chetansinh Rathod, PSI, Sojitra was the chief guest of the program. Dr. G. G. Patel, Senior Scientist & Head, KVK, AAU Devataj welcomed all the farmers. Mr. Chetansinh Rathod, PSI, Sojitra discussed various societal problems and remedies their. Dr. S. B. Katole,



Scientist (Animal Science) also discussed the role of youth in nation building as India is the youngest country of the world and youth plays a crucial role in development of the nation.

RAKSHABANDHAN CELEBRATION

- ◆ *Rakshabandhan* was celebrated on 13 August 2019 at polytechnic in Food Science and Home Economics college in collaboration with Brahmakumari, Anand centre. The students were acquainted with the history and importance of Rakshabandhan.



- ◆ The programme on 'Religious Importance of *Rakshabandhan*' was organized at Sheth M. C. Polytechnic in Agriculture, AAU, Anand on 9 August 2019. The programme was started with welcome address by Mr. P. S. Panchal, Asst. Prof. & SRC Chairman of the Polytechnic. *Brahmakumari* Chetanaben gave spiritual guidance and blessings to polytechnic students. She also explained traditions and rituals of *rakshabandhan viz.*, importance of *Tilak*, Sweet and *Rakhi* with their spiritual as well as religious importance in the programme. Dr. Barevadiya from *Brahmakumari* explained about positive attitude and gave ways to purify our souls for inner peace through meditation. At the end of programme, *Brahmakumari* Volunteers tied rakhi and gave blessings to all students including staff of the polytechnic. Dr. V. J. Patel, Principal of S.M.C. polytechnic gave concluding remarks on this religious occasion.



- ◆ *Rakshabandhan* traditionally celebrates the sacred bond of trust between brother and sister. As a token of this bond the girl-students and the family of staff-members of College of Agriculture, AAU, Vaso collected and sent *Rakhis* to our brave soldiers of Dras Sector, Kargil, with a noble intention that these *Rakhis* will be remembered as symbol of our

trust and love for our Jawans, whose shielding hands are giving us a better life and sound sleep within the boundaries of our nation. The whole Vaso family wishes that this piece of thread or silk will serve as an amulet and preservative against misfortune and as a mark of respect towards our true unsung heroes of the nation.



CELEBRATION OF PARTHENIUM AWARENESS WEEK

KVK, AAU, Devataj celebrated "Parthenium Awareness Week" during 16-22 August 2019. Under this programme a Parthenium awareness programme was organized



at adopted village Simarda under *Mera Gaon Mera Gaurav* (MGMG) programme on 20 August 2019. In this programme total 50 farmers participated. Shri D. D. Chaudhary from Weed Control Unit, AAU, Anand discussed control measures of Parthenium, disadvantages of Parthenium etc. Literature was also distributed to the farmers on Parthenium awareness. Dr. G. G. Patel, Senior Scientist & Head, KVK, AAU, Devataj also discussed various harmful effects of Parthenium in animals and humans. Another programme was also organized at KVK, Devataj on 21 August 2019 in which video films on Parthenium were shown to the farmers for the awareness.

PARTHENIUM AWARENESS PROGRAMME

The Parthenium Awareness Programme was organized on 9 August 2019 at Sheth M. C. Polytechnic in Agriculture in collaboration with AICRP on Weed Management, AAU, Anand. Sh. D. D. Chaudhary gave brief information about the parthenium, its origin, history, spread, life cycle, adverse effects on human, animals and in agriculture. Dr. B. D. Patel, Agronomist & PI informed students about weeds, their importance and various methods to overcome weed menace by interacting with students. Dr. V. J. Patel has mentioned various ways to eradicate this noxious weed and future needs regarding the awareness of parthenium. He urged the students to create awareness about parthenium in their villages,

hospitals, schools and gram panchayats to combat the weeds. The relevant booklets and folders were also distributed among the students. Whole programme was anchored by Mr. P. S. Panchal, Assistant Professor & SRC Chairman of the S.M.C. polytechnic.



GOAT HEALTH CAMP

To study the prevalence of gastro intestinal parasitism in goats, door to door visit programme of goats owners of village Chikhodhra, Anand district was organized on 11 September 2019 by the Department of Veterinary Medicine. Total 60 goats were dewormed and 30 goats were treated for different diseases. Total 60 samples of faeces, blood and serum were collected to study haematobiochemical parameters. Epidemiological information was collected and guidance for prevention and control of various diseases was provided to the goat owners. Dr. G. C. Mandli, Professor, Department of Medicine had organized this camp and Dr. D. B. Sadhu, Astt.

Prof. and all PG students of Medicine discipline actively participated in this health camp. Dr. S. K. Raval, Head, Dept. of Medicine motivated and supported the programme.



FIT INDIA MOVEMENT

Fit India Movement was celebrated on 29 August 2019 at Sheth M.C. Polytechnic in Agriculture, AAU, Anand. All participants have eagerly watched the live programme of Fit India Movement broadcasted live on tv from Indira Gandhi Indoor Stadium, New Delhi. Honorable Pime Minister Shri Narendra Modi narrated the importance of fitness in life and



appreciated the oath for fitness. He told that "Fit India" is a movement to take the nation forward on the path of fitness and wellness and it provides a unique and exciting opportunity to work towards healthier India.

VIGYAN GURJARI - EK PARICHAY PROGRAMME

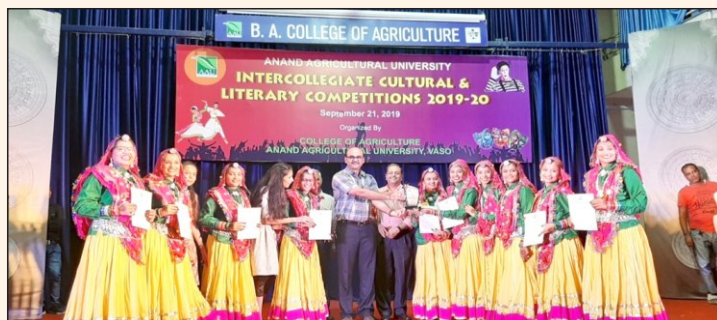
On 22 August 2019 a Programme "Vigyan Gurjari – Ek Parichay" was organized at Vaso Campus of Anand Agricultural University. Dr. Vidhyadhar B.



Vaidya, President of Vigyan Gurjari of Gujarat delivered an introductory speech of Vigyan Gurjari with nice deliberation of each and every activity using visuals. Total 144 Students and 9 faculty members of both the colleges of vaso campus namely College of Agriculture and Polytechnic in Agriculture of Anand Agriculture University participated. Total 6 faculties became Life members of Vigyan Gurjari of Vaso Chapter. Many Students also shown their interest to become a part of such movement.

INTERCOLLEGIATE CULTURAL AND LITERARY COMPETITION

Intercollegiate Cultural and Literary Events: 2019-20 was organized by College of Agriculture, AAU, Vaso on 21 September 2019. Different cultural events namely one-act play, mime, mono acting and folk dance competition, while in literary events two types of competitions namely extempore and debate were organized among the participants of all colleges of AAU. In the beginning of the programme, Mr. Sahdev Luhar, SRC Chairman of the college of Agriculture welcomed Dr. D. H. Patel, Directorate of Student Welfare, dignitaries and judges with flowers. Dr. D. H. Patel, Director of Students' Welfare encouraged the participants with his valuable words. All the participants were participated enthusiastically in all the events. At the end of the events Dr. D. H. Patel, Director of Students' Welfare, Dr. M. V. Patel, Dean (Agri.) and Dr. Y. M. Shukla, Principal, College of Agriculture, Vaso distributed prizes and certificates to the winners. The programme ended with vote of thanks by Mr. Sahdev Luhar.



AARYAPUTRI SAWADHAN PROGRAMME AT POLYTECHNIC IN FOOD SCIENCE AND HOME ECONOMICS

Polytechnic in Food Science and Home Economics, AAU, Anand organised a lecture on *Aaryaputri Sawadhan* Programme on 23 September 2019. Invited speaker Shri. Satyam Rao gave very effective and useful tips to the girls for life and how to tackle the challenges in future.



RATRI BEFORE NAVRATRI CELEBRATION AT POLYTECHNIC IN FOOD SCIENCE AND HOME ECONOMICS

Polytechnic in Food Science and Home Economics, AAU, Anand celebrated Pre Navratri on 23 September 2019. Prizes were distributed to students for best performance and dressup group.



FAREWELL OF 52nd BATCH OF B.V.Sc. & ANIMAL HUSBANDRY

A farewell to 52nd Batch of B.V.Sc. & A.H. class was organized on 18 July 2019 at Kapila Seminar Hall of College of Veterinary Science & A.H., Anand Agricultural University, Anand. Dr. M. N. Brahmhatt, Principal & Dean, College of Veterinary Science & A.H., Anand briefly summarized the Teaching, Research & Extension achievements. President of the function Dr. N. C. Patel, Hon. Vice Chancellor of AAU, advised the graduates to come out from the traditional system of employment and to start their own veterinary clinics. He also advised to do needful for the upliftment of livestock owners in lab to land programme. Dr. K. B. Kathiria, Director of Research & Dean P.G. studies, AAU, Anand focused on the role of research in progress & development of livestock sectors. Two outgoing students Miss Bhakti Chavda and Mr. Yash Joshi expressed their views regarding College study period. The Chief Guest, Dr. A. V. Patel, General Manager, Sabarmati Ashram Gaushala and Alumni of the College provided guidance regarding responsibility of Veterinary Doctors for Animal Health and Production by using advanced research technology. He also administered oath and shared his experiences and scope of Veterinary Doctors in Private Sectors. Best Internee's award was given to Ku. Neha Sharma.



Placement Officer Dr. P. V. Patel successfully completed the task of 100 percent placements. U. G. T. C. Chairman, Dr. N. D. Hirani proposed vote of thanks.

RAWE PROGRAMME

The village and KVK attachment is one of the most important segments of RAWE programme under Student READY (Rural Entrepreneurship Awareness Development Yojna) to develop perfect perception among students about real challenges of village life. A one day orientation was organized for the professors and students of seventh semester on 9 September 2019. The programme was started by Dr. N. B. Chauhan, Convener, Student READY programme and Professor & Head, Department of Agril. Extension and Communication, BACA, AAU, Anand. In his opening remarks he explained the significance of village and KVK phase under RAWE programme in the context of acquiring real field experience of rural area. He also narrated the overview and arrangement made for village and KVK phase and explained everyday activities to be undertaken by the students. The information collected from farmers and best RAWE students related details were given by Dr. J. B. Patel., Associate Professor, Dept. of Agril Ext. & Communication. In all 134 students and professors attended the programme.

TRAINING ON INTEGRATED PEST MANAGEMENT

- Under the scheme "Integrated Pest Management" supported by State Government, 7 IPM trainings were conducted during July to September, 2019 at Department of Entomology, BACA, AAU, Anand. In these training programmes, total 238 farmers participated from various districts of Gujarat.



- ♦ Training programme on Integrated Pest Management of pink bollworm, Integrated pest management in kharif crops and scientific cultivation of cotton were organised at Narmada Irrigation Research Project, AAU, Khandha during the period from July to September 2019. Total 96 farmers were acquainted with the improve technologies in agriculture.



TRAINING PROGRAMME ON QUALITY SEED PRODUCTION

Department of Seed Science and Technology organized three farmer's training programme on "Quality seed production in different field and horticultural crops of Gujarat" during July to September -2019. A total of 91 farmers from Navsari, Dahod, Tapi and Panchmahal districts participated in the training. Several scientists from different department such as Seed Science and Technology, Genetics and Plant Breeding, Plant Pathology, Entomology, Horticulture etc., delivered lecture on seed production practices in different field and horticulture crop. Field visit of RRS, Main Vegetable Research Station, Tissue Culture Laboratory and Horticulture Farm was also arranged. The entire training programme participants was coordinated by Dr. Kalyanrao Patil, Head of Department and Mr. Anil Ravat, Assistant Professor, Department of Seed Science and Technology, B. A. College of Agriculture, AAU, Anand



FARMER'S TRAINING PROGRAMME

- ♦ A training programme was conducted by MRRS, AAU, Nawagam and Project Director, ATMA, Dist-Kheda at Nawagam during 17-21 September 2019. Total 500 farmers of 25 different villages of 5 Talukas viz., Kheda, Nadiad, Vaso, Mahemdabad and Matar of Kheda district participated in training on 'Cultivation of irrigated Paddy' for Farmers Group of ATMA Project, Thasara, Kheda district.



Each day 100 farmers of five villages of above each taluka participated in training programme. Dr. M. B. Paramar, I/c Research Scientist (Rice) welcomed all the trainees and highlighted the importance of the centre and its activities. Dr. D. B. Prajapati, Asso. Research Scientist delivered a lecture on latest varieties of Rice and value addition and Prof. D. G. Kacha delivered a lecture on production technologies, raising of nursery and SRI cultivation system of rice. Dr. R. K. Gangwar delivered lecture on diseases of Rice and their management. Shree S. S. Thorat delivered lecture on pests of rice and their management. The programme was ended with concluding remarks and vote of thanks by Project Director, ATMA, Kheda.

- ♦ A farmers training and tree plantation programme was organized at Agricultural Research Station, AAU, Dhandhuka under SSNNL project on 20 July 2019. 100 farmers participated in this training programme. In the beginning of the programme Unit head & Assistant Research scientist, Mr. R. N. Choudhary delivered a lecture on soil health card, soil testing and importance of micronutrient in crop production in Bhal region. Mr. K. J. Suthar, Assistant Research Scientist, ARS, AAU, Dhandhuka delivered a lecture on scientific cotton crop cultivation & importance of limited irrigation under Bhal conditions. Scientist of ARS, AAU, Arnej, Mr. H. B. Patel also briefed about the important Kharif crops which are grown in Bhal region. Prof. R.B. Maraviya, Executive Director (Agril.) SSNNL, Gandhinagar and Chief Guest of the programme delivered a lecture on how to use the canal water in different crops in Bhal situation and also briefed about SSNNL project.



WOMEN EMPOWERMENT PROGRAMME



The training programme was organized by Farm Technology Training Centre, Nenpur in collaboration with ATMA, Anand on 7 August 2019. Total 114 farm women of Borsad and Umareth taluka of Anand district participated in the training.

During the training programme, lectures on different aspects viz. Importance of extension education in development of rural women, role of women in modern agriculture and problems and perspectives related aspects were covered during the programmes. For their motivation, inspirational videos on Animal husbandry, a business and success stories of dairy womens were also shown. Dr. J. K. Patel, Associate Research Scientist, Dr.M.B.Zala, Assistant Research Scientist, Dr.Bharatbhai Thakker, Assistant Extension Educationist and Dr. Tarak Patel, Research Associate delivered various talks related to women empowerment.

ORIENTATION PROGRAMME FOR FIRST SEMESTER STUDENTS

Orientation Programme for new admitted students was organized at Sheth M.C. Polytechnic in Agriculture, AAU, Anand on 9 September 2019. The programme was started with welcome address by Dr. J. I. Nanavati, Asst. Prof of Sheth M. C. Polytechnic in Agriculture, AAU, Anand. Newly admitted students and their parents were acquainted with hostel rules & regulations, discipline and academic rules by Mr. P. S. Panchal (Asst. Prof.), Smt. S. J. Savdhariya (Agri. Officer) and Dr. H. B. Shakya, (Asst. Prof.) of this polytechnic. Second and third year students expressed their views in relation to study, sports, practical exposure and extra-curricular activities carried out by this polytechnic college in the past years. The fresher students also shared their experience regarding study, hostel environment and the university. Finally, Dr. V. J. Patel, Principal of this polytechnic delivered presidential address to the students as well as parents and congratulated them for taking admission in this polytechnic. He also provided detailed information about the various polytechnic courses held, introduction of staff members and activities carried out by the college. At the end, Smt. J. M. Vasava (Agri. Officer) extended vote of thanks.



KHEDUT SHIBIR

Paddy Research Station, A.A.U., Dabhoi conducted a *Khedut Shibir* under Sardar Sarovar Project on 18 September 2019 at Dheberpura. Total 150 farmers of nearby villages of Bodeli taluka participated in the Khedut Shibir. Dr. V. P. Ramani, Associate Director of Research, AAU, Anand, Dr. H. P. Patel, Unit Head and Dr. K. P. Patel, Assistant Research Scientist, Pulse Research Station, Vadodara remained present. Shri. R. L. Chotaliya, Unit Head, Paddy Research Station,



Dabhoi anchored the programme. The invited guests gave their speech concerned to newly improved technologies, followed by training programme and tree Plantation at Dheberpura village. In this event Associate Director of Research, Research Scientists, Unit officer, all staff members and all farmers of Dheberpura remained present to grace this event. About 100 plants were planted roadside and surrounding the Mahdev temple at Dheberpura village. The programme ended with concluding remarks by Shri R. L. Chotaliya, Unit Head and Shri A. R. Patel, SRF, Paddy Research Station, Dabhoi.

EXPOSURE VISIT OF FARMERS

The farm visit programme at Khandha farm was organized by ATMA project agency on 20 September 2019 in which total 50 women farmers visited the Khandha farm and information was provided to the women farmers about various activities of Khandha farm.



EDUCATIONAL TOUR

Educational tour programme at Indroda Nature Park, Gandhinagar for 9th semester B.V.Sc & A.H. students of Veterinary College, AAU, Anand was organized on 13 September 2019 as a part of their undergraduate course curriculum. All the students visited zoo section, veterinary hospital, dinosaur and fossil sections and got very good practical exposure about zoo, animal health care and management, restraining, examination of animals etc. Dr. G. C. Mandali, Professor, Department of Veterinary Medicine organized the programme Dr. Aniket Patel, Veterinary Officer, Indroda Park contributed a lot for the whole day interaction for the said programme.



CELEBRATION OF MAHILA KRISHI DIVAS

KVK, AAU, Devataj Celebrated “Mahila Krishi Divas” on 6 August 2019 in which more than 100 farm women including VLW's of Sojitra taluka participated. Dr. G.G. Patel, Senior Scientist & Head, KVK, AAU Devataj welcomed all the farm women and discussed the role of women in agriculture. Progressive farm women from village Gada. Mrs. Ilaben Patel narrated her success story in animal husbandry. Visit to the KVK museum, nursery and medicinal and aromatic plants units was also organized.



ORGANIZATION OF TREE PLANTATION AND KISAN GOSHTHI

Krushi Vigyan Kendra, AAU, Anand organized “Vruhad Vruksharopan Programme” and Kishan Goshthi on 17 September 2019. Dr. H. C. Patel, Principal, Horticulture College, AAU,



Anand was the Chief Guest of the programme. Dr. P.M. Patel, Asso. Prof. Dept. of Agronomy, Dr. R. S. Sitapara, Asst. Prof., Dept. of Horticulture, Shri. N. D. Patel, Dept. of Mathematics, BACA, AAU, Anand also remained present. Dr. G. G. Patel, Senior Scientist & Head, KVK, AAU Devataj welcomed all dignitaries. Dr. H. C. Patel discussed the role of tree in day to day life and how trees control the air pollution insisting on plantation and conservation of trees. Students from BACA, AAU, Anand also participated in the programme under RAW. Five fruit trees were distributed to all the farmers. Tree plantation was carried out in KVK campus.

OUR PRIDE



Dr. Neha Sharma, under graduate student of College of Veterinary Science and Animal Husbandry, Anand got 22nd rank in the prestigious exam AIEEA-PG-2019 for

admission in MVSc. She got admission in the esteemed institute Indian Veterinary Research Institute (IVRI) in the subject of Veterinary Radiology and Surgery.

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 16,700 subscribers registered for this multicolored farm magazine upto September 2019.

RETIREMENTS

July 2019

- 1 Dr. Chimanlal Pragjibhai Desai, Director, IDEA, AAU, Anand
- 2 Shri Gunvantlal Trikamlal Shirmali, Head Clerk, Office of the Registrar, AAU, Anand
- 3 Shri Rajeshkumar Shantilal Darji, Head Clerk, Office of the Comptroller, AAU, Anand
- 4 Shri Ratanbhai Seenabhai Bumbadiya, SRA, ICAR Unit, AAU, Anand (Voluntarily Retired)

August 2019

- 5 Dr. K. B. Kathiria, Director of Research & Dean, PG Studies, AAU, Anand
- 6 Dr. Ankur Prabhubhai Patel, Assistant Professor, BACA, AAU, Anand (Resignation)
- 7 Shri Govind Y Damle, Head Clerk, College of FPT & BE, AAU, Anand
- 8 Shri R. C. Marvadi, Senior Clerk, Directorate of Extension Education, AAU, Anand
- 9 Shri Kuldipsinh Narendrasinh Rana, Programme Assistant, KVK, AAU, Arnej (Resignation)
- 10 Shri Dipakgiri Ganpatgiri Goswami, Statistical Assistant, Dairy Science College, AAU, Anand
- 11 Shri Bhimsingbhai Mangaliyabhai Hathila, Peon, Hill Millet Research Station, AAU, Dahod

September 2019

- 12 Shri Ashwinkumar C. Dave, Head Clerk, AAU, EEL, Anand
- 13 Shri Iswarbhai Sabhabhai Chavda, Peon, Office of the Comptroller, AAU, Anand

*The pessimist sees difficulty in every opportunity.
The optimist sees opportunity in every difficulty - Windson Churchi*

Book-Post

To



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