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Hon'ble Vice Chancellor's Message**Cotton: Backbone of Rural Economy and Textile Industry of India**

Cotton is a commercial crop that provides livelihood security to farmer families in several countries. The textile industry provides livelihood to an estimated 40 million persons in India and 150 million across the globe.

Cotton has played a dominant role in the industrial and agricultural economy of the country. India has emerged as the largest producer of cotton in the world and occupies the first position in terms of total area and production.

Nearly 65 per cent of the Cotton crop is cultivated under rainfed conditions in the country. During the last year 2020-21, Gujarat, Maharashtra and

Telangana were the major cotton growing states covering around 68% (88.3 lakh hectare) in area under cotton cultivation and 63% (236 lakh bales) of cotton production and it collectively known as Cotton Basket of India. In addition to export the cotton lint, the cottonseeds are the secondary source of edible oil, which contributes about 4.89% in the edible oil production of the country. The deoiled cake of cotton milling is used in the preparation of animal feed. The cotton stalks are also used in the briquette production for fuel and energy generation. Cotton production is constrained by the high incidence of pests and diseases, weed pressure, salinity and soil degradation, poor fertility and climate aberrations such as drought, floods, and heat waves. Non availability/high cost of labour is also a major constraint of Saurashtra region.

Commercial species of cotton plant are *G. hirsutum* (>90% of world production), *G. barbadense* (3-4%), *G. arboreum* and *G. herbaceum* (together, 2%). Many varieties of cotton have been developed by selective breeding and hybridization of these species. Cotton Research Station (CRS) was established at Junagadh under Dept. of Agriculture in the year 1962 and strengthened time to time by support of ICAR and Govt. of Gujarat. Since launch of Technology Mission on Cotton by Government of India in February 2000 significant achievements have been made by CRS, JAU, Junagadh in increasing yield and production through development of high yielding varieties GJC-101, 102, G.Cot.-38 and recently released G.Cot.Hy-24 BG-II for central zone. This center has given appropriate technologies which are detopping, use of PGRs, HDPS, IPM, IRM and better farm management practices that are drip irrigation, plastic mulch, INM which increased productivity and area under cultivation of Bt. cotton hybrids.

Cotton fiber quality is very important for traders and spinners as well as for cotton scientists who should tend to improve variety/hybrid having good fiber quality features. The most important cotton fiber properties are fiber length, fineness, uniformity, strength maturity, and trace percentage, which can analyze in this laboratory. Keeping importance of cotton quality determination, a Cotton Quality Laboratory is established recently under Cotton Research Station, JAU, Junagadh. The laboratory is a fiber quality parameters analysis laboratory (HVI mode) under RKVY project with outlay of 275 lakh as per international standard. It will be highly useful for screening wide range of cotton germplasm and research trials for fiber quality parameters sown at Cotton Farm, JAU, Junagadh as well as traders and farmers in future.

The fundamental changes that are taking place in the realm of cotton cultivation in the country, are having the potential to take the current productivity level near to the world average in the near future and will serve as a key factor to Indian Agriculture.

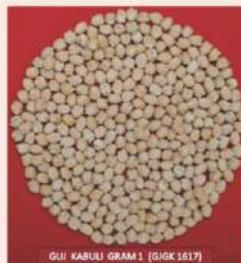
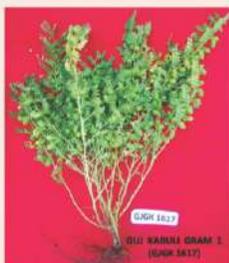


(Narendra Kumar Gontia)

New Variety Released

Gujarat Kabuli Gram 1

The extra-large seeded Kabuli Chickpea variety Gujarat Kabuli Gram 1 developed from the cross ICC 14195-P3 x ICCV 92337. It is suitable for cultivation under timely sown irrigation condition in North West Plain Zone comprising of Gujarat, Punjab, Haryana, Western Uttar Pradesh, north Rajasthan and Jammu and Kashmir. It has attractive beige coloured seed of size 43.5 g/100 seed. It has an average yield of 13-14 q/ha and matures in 143-148 days in NWPZ.



Inauguration of Center of Excellence for Quality Testing of Cotton

Cotton Research Station, Junagadh Agricultural University, Junagadh (Gujarat) working on cotton research activities at state as well as national level. For strengthening of facilities to evaluate the good fiber quality genotypes during the various research investigations, the project entitled "Centre of Excellence for Quality Testing of Cotton under RKVY- RAFTTAR" is approved and sanctioned to Cotton Research Station, JAU, Junagadh with the total outlay of ₹ 270.35 lakhs. A fiber testing machine (HVI mode) as per international standard purchased under this project. The machine is having the capacity to analyze fiber length, fineness, uniformity ratio, micronaire value, trash per cent and colour so breeder scientists can identify and develop a good quality fiber varieties/hybrids and genotypes of cotton crop that will ultimately benefit the cotton growing farmers of Saurashtra region and also indirectly beneficial to the spinners. Production of good quality yarn have more demand at international level, so export will be increased and beneficial to textile industries so more employment could be generated.



Cotton Fiber Quality Parameters Analysis Laboratory was inaugurated by Shri R. C. Faldu, Hon'ble Minister of Agriculture, Rural Development and Transport, Government of Gujarat, Gandhinagar on August 26, 2021. The programme was graced by Dr. V.P. Chovatia, Hon'ble Vice Chancellor, JAU; Shri Dhirubhai Gohel, Hon'ble Mayor, Junagadh Municipal Corporation and University Officers, Principals of various Colleges and Polytechnics, Head of the Research Stations and other Departments. Shri R. C. Faldu gave remarkable speech on this occasion. He appreciated initiation of new era in cotton research programmes by JAU Scientists. He said that cotton is very important crop in Saurashtra region. Currently, our Gujarat ranks first in cotton production in the country. This credit goes to farmers and agricultural scientists of Gujarat state. Shri Dhirubhai Gohel, Mayor, Junagadh Municipal Corporation also appreciated the team work of university scientists which helps in improving university ranking at state and national level. Hon'ble Vice Chancellor Dr. V. P. Chovatia also appreciated efforts of staff of Cotton Research Station and said that this laboratory will be very useful in performing various research activities related to getting good quality cotton fiber.

Inauguration of Seed Storage Godown

Inauguration of Seed Storage Godown constructed under Seed Hub Project at the Sagdivi Farm of Department of Seed Science and Technology, College of Agriculture, JAU, Junagadh done by Shri R. C. Faldu, Hon'ble Minister of Agriculture, Rural Development and Transport, Government of Gujarat, Gandhinagar on August 26, 2021 in presence of Dr. V. P. Chovatia, Hon'ble Vice Chancellor, JAU, Junagadh.



Trainings Under NAHEP-IDP

Advances in Watershed Planning, Development & Management

Department of Soil and Water Conservation Engineering, CAET, JAU, Junagadh organized Five-Days Vocational Training Programme on "Advances in Watershed Planning, Development & Management" Under Institutional Development

Plan – NAHEP during September 20-24, 2021. About 192 students of B. Tech. (Agril. Engg.) attended this training.

The programme was begun with the welcome address given by Dr. H. D. Rank, Professor & Head, Soil and Water Engineering Department. Dr. N. K. Gontia, Principal & Dean, College of Agricultural Engineering & Technology, JAU, Junagadh highlighted the importance of watershed management for the water conservation. He appealed all the participant students to take benefits of all experts from various fields and organizations like SSNNL, private agriculture/water consultant, ACF, KVK, AKRSP, Forest department, SAUs, and ICAR.

In the inaugural function, Prof. R. B. Maraviya, Ex Executive Director (Agri.), SSNNL and the Guest of Honor during the inaugural function. Dr. P. K. Singh, Dean, CTAE, MPAUT, Udaipur and the Chief Guest of the function, addressed the students on the activities under watershed development.

Dr. P. M. Chauhan, Director of Research & Dean PG studies and PI-IDP inaugurated and presided over the inaugural function of the training program. Vote of thanks expressed by Prof. G. D. Gohil, Coordinator-IDP-CAET.



Enhancing Agri. Entrepreneurship and Leadership Skill

The training programme was conducted for students on "Enhancing Agri. Entrepreneurship and Leadership Skill" during September 22-23, 2021, where in 85 UG students of College of Agriculture and College of Agricultural Engineering and Technology, JAU, Junagadh were participated. This training was sponsored by NAHEP-IDP of the university and organized in collaboration with National Council for Climate Change Sustainable Development and Public Leadership (NCCSD), Ahmedabad under *Azadi Ka Amrit Mahotsav*. Experts of different fields shared their thoughts on motivation and confidence for Agril. Entrepreneurship, Importance of leadership in Agri. Entrepreneurship and Scope for Agri. Entrepreneurship in post COVID -19 situation etc.

Celebration of Days

Independence Day

Junagadh Agricultural University enthusiastically celebrated the 75th Independence Day on August 15, 2021 under the chairmanship of Hon'ble Vice Chancellor Dr. V. P. Chovatia with befitting manner. In this celebration, staff and labors had participated by following the Govt. guidelines of Corona Pandemic. Krishi Vigyan Kendra, Khapat (Porbandar)



also celebrated Independence Day. The staff members of KVK, CoA, Cotton Research Station & students of CoA were remained present on this occasion.

World Lion Day

World Lion Day was celebrated on August 10, 2021 at the seminar hall, College of Agricultural Engineering and Technology, JAU, Junagadh with an emphasis to bring awareness for conserving the declining population of lions in our country. Dr. N. K. Gontia, Principal & Dean, CAET, JAU, Junagadh welcomed all the invited guests and introduced them with the activities and milestones achieved by the CAET. Shri D. T. Vasavada (IFS), Chief Conservator of Forests, Wildlife Circle, Junagadh was remained present as Chief Guest. He explained the importance and significance of celebrating the World Lion Day. He also discussed all the aspects of Asiatic lion conservation and management in Gir forest. Shri R. D. Katara, Retired Deputy Conservator of Forests explained the importance of Asiatic lion as the apex predator of their habitat. The function was organized jointly under the NSS unit & Eco Club, CAET. Almost 100 NSS volunteers participated in the World Lion Day celebration.

Teacher's Day

The Teacher's Day was celebrated by the students



of CAET, JAU, Junagadh. On this day, the teaching task were performed by the students of the college.

Dr. N. K. Gontia, Principal and Dean, CAET, Dr. P. M. Chauhan, Director of Research and PG Studies, Dr. V. R. Malam, Director of Students' Welfare and all the HoDs and faculties of CAET appreciated the students.

Students of Post Graduate Institute of Agri-Business Management, JAU, Junagadh celebrated Teacher's day on September 5, 2021. On the day, Principal & Dean Dr. C. D. Lakhani along with all teachers, remain present in the function. The cultural performances like dance, drama, games etc. were arranged by the students.



Engineer's Day

54th Engineer's Day-2021 was celebrated on the theme of "Engineers for Skill Development & Employment in combating COVID" for India and "Engineering for A Healthy Planet for World" by AICRP on Irrigation on Water Management, SWCE, CAET, JAU, Junagadh on September 15, 2021. At the outset, Dr. H D Rank, Chief Scientist, AICRP on Irrigation on Water Management and Professor & Head, SWCE, CAET, JAU, Junagadh welcomed the dignitaries, faculties and UG/PG students. He also delivered lecture on "Engineering the Agriculture for Future India". Dr. N K Gontia, Principal & Dean, CAET, JAU, Junagadh gave details on history of Engineer's Day celebration in India and world. He explained the various themes of Engineer's Day celebration in India since 1968. He also briefed on theme of Engineering Day-2021 in India and world. He praised the great engineering works and achievements made by Mokshagundam Visvesvaraya Sir during his life span of 101 years. He appealed the students to walk on the path of Visvesvaraya Sir. He motivated the students and young faculties to think a big, keep a higher goal and build confidence for engineering every walks of common people of India.



ICAR Foundation Day

ICAR foundation day was celebrated by Krishi Vigyan Kendra, Porbandar on July 16, 2021. A webinar was organized on this occasion. Dr. H. N. Der delivered a lecture on glimpses of ICAR, its structure and working in the field of Agriculture. A tree plantation drive was also carried out by staff of KVK & CoA, Porbandar. Total 53 participants attended the webinar. Total 25 staff members involved in tree plantation drive & 50 trees were planted at KVK campus.



The Directorate of Students' Welfare, JAU, Junagadh also celebrated ICAR Foundation day with tree plantation of different spices.

KVK Pipalia and Morbi, also celebrated ICAR Foundation Day by organizing a farmers shibir at Toraniya village of Dhoraji Taluka and Jivapar village of Morbi, respectively. A total of 59 farmers were participated.

Celebration of Van Mahotsav

The "Van Mahotsav" was celebrated by Polytechnic in Agro Processing, JAU, Junagadh during the first week of July, 2021. On this occasion, a special lecture was arranged on "Forest Conservation and Environment Awareness" using online platform on July 05, 2021. The event was initiated with welcome speech by Dr. N. K. Dhamsaniya, Principal, Polytechnic in Agro-Processing, JAU, Junagadh. He welcomed the speaker of online programme Prof. V. M. Bhatt, Station In-charge, Junagadh Janvani 91.2 FM, JAU and all the staff and participating students. He gave brief introduction of the speaker. He also appealed to all participants for planting at least one saplings to their hometown and take the oath for its rearing for at least five years. Prof. V. M. Bhatt addressed the participants with his inspirational words. He shared the thoughts and information about different type of trees and centuries, composition of trees and importance of forest etc. He also presented nicely the impact of trees on our environment in reducing the air pollution. All the NSS Volunteers actively participated in the programme and got benefit by deliberating on various aspects with the speaker. Many NSS Volunteers had also planted different

trees and their seedlings viz., *Asopalav*, *Neem*, *Rain tree*, etc. to their home town during the celebration of *Van Mahotsav*. Er. P. P. Vora, NSS Programme Officer, Polytechnic in Agro-Processing, JAU, Junagadh expressed the vote of thanks at the end of online webinar.



Celebration of Swachchhata Pakhavada

Polytechnic in Agro-Processing, JAU, Junagadh conducted a cleanliness campaign under *Swachchhta Pakhavadiya Programme* at front side of its new building on August 07, 2021. Dr. N. K. Dhamsaniya, Principal, Polytechnic in Agro-Processing, JAU, Junagadh addressed all the faculty members about maintaining a clean environment surrounding the office. He initiated the programme by participating in cleaning the front side ground. All faculty members enthusiastically joined the campaign and cleaned the ground and all the surrounding area of the building.

Celebration of the 125th Anniversary of Zaverchand Meghani

As grand Celebration of the 125th anniversary of Zaverchand Meghani, Polytechnic in Agro-Processing organized an “Online Quiz Competition” on life and popular novel of National Poet ‘Zaverchand Meghani’. Dr. N. K. Dhamsaniya, Principal, Polytechnic in Agro-Processing, JAU, Junagadh inspired and motivated all NSS Volunteers for participating in Online Quiz competition. Thirty-four NSS Volunteers had enthusiastically participated in the quiz competition on September 03, 2021. The first three winners were awarded with certificate of participation and rank issued by the Principal, Polytechnic in Agro-Processing, JAU, Junagadh. Ms Bhumika Parmar ranked first followed by Ms Nidhi Kodiyatar and Ms Ishwari Karia ranked second and third in the competition, respectively.

Bi-Monthly Workshop

The Bio-Monthly workshop was organized on August 17, 2021 by Directorate of Extension Education, JAU. The new technologies developed by scientists are being transferred regularly to Extension Officers by organizing Bio-Monthly Workshops. The workshop was organized under

guidance of Dr. V. P. Chovatia, Hon’ble Vice Chancellor. In the workshop, Dr. H. M. Gajipara, DEE; Shri S. K. Joshi, JDA, Rajkot; Shri S. M. Kasundra, JDA, Junagadh and Dr. G. R. Gohil, ADEE made valuable remarks for increasing adoption of new technologies by the farmers to get higher returns. The lectures on advancement in agriculture were delivered by the scientists of JAU followed by discussion among Extension Officers of Line Departments on problems of farmers and their solutions.



Input Dealer Training

The certificate distribution programme for the Input Dealers and Fertilizers Dealers was organized by the Directorate of Extension Education on August 26, 2021. The Chief Guest Shri. Dhirubhai Gohel, Mayor of Junagadh was remained present during the programme. He urged input dealers to disseminate the technology developed by the Agricultural University to the farmers. He also appreciated the scientists of JAU for their hard work and represent the university at State and National level by receiving many awards. Dr. H. M. Gajipara, DEE, JAU, Junagadh motivated dealers to work as agricultural advisor for farmers of their area for effective and efficient utilization of pesticides and fertilizers for better returns from farms. He also explained the importance and usefulness of these course directly and indirectly to the farmers.



In this programme Dr. S. G. Savaliya, Principal and Dean, CoA and Shri Arvindbhai Timbadiya, Secretary, AIIDA remained present and 358 dealers were facilitated with certificates.

Farmers Training Programme

Training programme under CoC

The training programme for three days under Centre of Communication (CoC) scheme was organized for 40 farmers of Junagadh and Gondal Taluka during September 13-15, 2021 by Directorate of Extension, JAU. Dr. H. M. Gajipara, DEE, JAU, Junagadh

inaugurated the training programme. He advised the farmers for adoption of Agriculture Mechanization and to use innovative techniques in their farming. He appealed for tree plantation and to adopt Integrated Farming including Dairy farming with Value addition for secured and better returns throughout the year.



Prof. Pinki Sharma, AEE, delivered the lecture on “Kitchen Gardening for balance diet”. In this programme, the lectures on new practices in agriculture, horticulture and dairy farming were delivered by respective scientists.

Training on Parameters for Good Quality of Cotton Lint

One-day training programme on “Parameters for Good Quality of Cotton Lint” under the project of RKVY-RAFTAR was organized by Cotton Research Station, JAU, Junagadh on August 10, 2021. The programme was inaugurated by Hon’ble Vice Chancellor, Dr. V. P. Chovatia; Director of Extension Education, Dr. H. M. Gajipara; Shri Dhirubhai N. Gohel, Mayor, Junagadh Municipal Corporation, Junagadh; Associate Director of Research, JAU, Junagadh Dr. P. Mohnot and Head of Centre Dr. G. K. Kataria were remained present on occasion. Fifty progressive farmers of twenty-five villages were participated. New technologies developed by Cotton Research Station, JAU, Junagadh were displayed by Technology Walk. Lectures were delivered on Parameters for Good Quality of Cotton Lint by Scientists of the University.

Training on Insecticide Resistant Management and Dissemination of Pink bollworm

One-day training programme under NFSM project was organized by Cotton Research Station, JAU, Junagadh on September 29, 2021. The programme was inaugurated with lighting lamp by Dr. H. M. Gajipara, Director of Extension Education, JAU, Junagadh; Mr. R. B. Bhambhaniya ADM, Junagadh; Dr. P. Mohnot, Associate Director of Research, JAU, Junagadh and Dr. G. K. Kataria, Head of Centre were remained present. A total of 50 farmers of five villages of Junagadh district were actively participated in training and input kits were distributed among farmers. Different lectures on management of Pink Bollworm were delivered by the scientists of this centre.

Quality Seed Production in Field Crops

To celebrate the outcomes of the project, and activities and progress made so far under the project entitled “RKVY Seed Replacement Rate Enhancement” running at the Department of Seed Science and Technology, JAU, Junagadh from 2017-18, a one day training programme on “Quality Seed Production in Field Crops” was organized by the department under the aegis of “Azadi Ka Amrut Mahotsav India@75” on August 18, 2021 at the Training Hall, Kisan Vikas Bhavan, Sardar Smruti Kendra, JAU, Junagadh, wherein total of 50 progressive farmers and seed produces of university were participated. The inauguration ceremony was chaired by Dr. V. P. Chovatia, Hon’ble Vice Chancellor and Director of Research, JAU, Junagadh and Smt Jyotiben Vachhani, Member of Board of Management, JAU, Junagadh and *Mukhyamantrishri Mahila Utkarsh Yojana*, Gujarat was present as chief guest in the inauguration function. The seed producing farmers were benefited by the knowledge shared by the experts of respective crops pertaining to quality seed production in important crops of Saurashtra region.



Pest & Disease Management in Groundnut and Cotton crops

One-day online training was organized on July 30, 2021 by SSK, Directorate of Extension Education, JAU, Junagadh. The objective of the programme was to make aware about the “Pest & Disease Management in Groundnut and Cotton crops. Total 371 farmers participated in the programme virtually.

Modern Technology of Agricultural and Animal Husbandry

Sardar Smruti Kendra, Directorate of Extension Education, JAU, Junagadh organized three days training on “Modern Technology of Agricultural and Animal Husbandry”



in collaboration with GSFC-Vadodara for farmers during September 22-24, 2021.

Training was imparted by the scientists of various departments of JAU. Total 46 young farmers were participated in this training.

YouTube live programme

YouTube live programme was jointly organized by Cotton Research Station JAU, Junagadh, Reliance Foundation, AFRO, ATMA and Vardhaman on September 10, 2021. More than 250 farmers of Gujarat were participated in this programme. The information on pink bollworm management, disease management, irrigation management and planning of next month was given by the scientists of the University.

Tree Plantation

Junagadh Agricultural University, Junagadh organized Lecture and Sapling distribution programme on behalf of Campaign on Nutri-garden and Tree Plantation on Celebration of International Millets Year- 2023 on September 17, 2021 at College of Agril. Engg. & Tech., JAU, Junagadh. Shri Narendra Singh Tomar, Hon'ble Minister Agriculture and Farmers Welfare, Govt. of India was virtually present in this programme. During this programme, Shri Rashikbhai Bhatt, Rtd. Professor, Department of Botany, College of Agriculture, JAU, Junagadh delivered lecture on "Role of Plantation on Sustainable Agriculture and Rural Livelihood". Dr. V. K. Chandegara, Assoc. Prof., Department of Food Processing, CAET, Junagadh delivered a lecture on "Nutri Cereals and Their Role on Human Health". Dr. Archanben Trivedi, Durgavahini Coordinator, Saurashtra & Chief Guest of the function informed the Girl students about the Self Defense. On this Occasion, Dr. V. R. Malam, Director of Students' Welfare, JAU, Junagadh; Dr. N. K. Gontia, Principal & Dean, CAET, Junagadh; Mrs. Gitaben Malam, Chairman, Child Welfare Committee, Junagadh District were remained present. Approximately 175 girl students attended the programme.



The NSS unit of College of Agriculture, JAU, Mota Bhandariya (Amreli) organized a Tree Plantation programme on September 17, 2021 under the celebration of *Azadi Ka Amrut Mahotsav* programme by staff members and NSS volunteers. This activity was organized with an aim to bring awareness about importance of trees for healthy environment.

KVK-Jamnagar, Jamnagar Municipal Corporation and Forest Department-Jamnagar jointly organized 72nd *Van Mahotshav* at Krishi Vigyan Kendra, JAU, Jamnagar on August 14, 2021. In this programme Smt Binaben Ashokbhai Kothari, Mayor, Commissioner (JMC) and Officers of Forest Department and KVK were remained present. In this programme, farmers were aware about importance of tree in life, in pandemic condition for livelihood. On occasion of this celebration, 1500 saplings were planted at KVK. Three thousand saplings were distributed to beneficiary farmers. KVK organized campaign to create mass awareness about boundary/bund plantation for more income and good environment to overcome the global warming.



NSS Activities

Awareness programme on COVID-19

"Prevention is Better than Cure", keeping in view this proverb precautionary measures for Covid-19 Pandemic, an awareness programme was organized by NSS unit, College of Agriculture, JAU, Mota Bhandariya on August 7, 2021 at Kalapi Boys hostel, Mota Bhandariya. Masks were distributed in this programme to the students.



Vaccination programme was also conducted and 59 students were vaccinated by second dose of COVID-19 vaccine.

Awareness on Organ Donation

Junagadh Agricultural University, Junagadh and Organ Donation Charitable Trust Jointly organized Organ Donation Awareness Programme on September 17, 2021. On this occasion students of the university were aware about importance of organ donation. The officers from the trust gave this information using audio visuals. Approximately 230 students attended the programme offline as well as online.



Post Graduate Institute of Agri-Business Management, JAU, Junagadh organized an Organ Donation Awareness Programme on October 17, 2021. There was a link shared by office of Directorate of Students' Welfare from which video is shown to staff and students. On that day, Prof. Nisha M. Thaker and Dr. Jagruti D. Bhatt explained the benefits of organ donation activity to the society. Dr. C. D. Lakhani, Principal & Dean, PGI-ABM along staff members and students remained present in the programme.



Polytechnic in Agro-Processing organized "Oath taking ceremony" as a part of "Organ Donation Campaign", on Sept 17, 2021. Er. P. P. Vora, NSS Programme Officer, Polytechnic in Agro-Processing, JAU, Junagadh addressed to all NSS Volunteers about importance of organ donation using online platform. He also encouraged NSS volunteers towards organ donation. Registered NSS volunteers had enthusiastically participated in the "Oath taking Ceremony".

Training for Students

One Days Training on "Role of English Skill with counseling for employment during post COVID-19 situation" was organized at Junagadh Agricultural University, Junagadh on July 29, 2021. Two important topics viz. "Improving Employability Skills in Globally Competitive Era" and "English language: An inevitable skill for Better Employability" were delivered by Dr. Mehul G. Thakkar, Head, SCPC and Dr. Surendra Gohil, Asst. Professor (English), NMCA, NAU, Navsari respectively. A total of 84 UG student of CoA, Mota Bhandariya, Dist: Amreli were participated.

Special Lecture

With the Inspiration of Hon'ble Vice Chancellor, a special lecture was organized on September 15, 2021 at Sardar Patel Sabhagruh, JAU, Junagadh. This session was chaired by Dr. P. M. Chauhan,

Director of Research and Dean P.G. Studies. Dr. Dhirubhai Vala, Professor and Dean, Department of History, Arts and Commerce College, Mendarda delivered lecture on "Movement of Freedom" on *Ganpati Utsav*. He highlighted the role of Bal Gangadhar Tikal and other freedom fighters. Approximately 300 students attended interestingly.



Fit India and Freedom Run

Junagadh Agricultural University organized a special lecture on "Importance of Fitness under Fit India Freedom run 2.0" on September 18, 2021 in collaboration with Nehru Yuva Kendra, Junagadh under ages of NAHEP-IDP followed by taking pledge of Fit India. Dr. P. M. Chauhan, Director of Research & PI-IDP unflared the green flag to begin a rally of jogging/ fast walking. This event organized as a part of Azadi Ka Amrit Mahotsav with Co-operation of NSS. In this programme Dr. V. R. Malam, Director of Students' Welfare, Dr. P Mohnot, ADR & ICAR Nodal Officer, Dr. N. K. Gontia, Principal & Dean, CAET, JAU and Dr. S. G. Savalia, Principal & Dean, College of Agriculture, JAU, Junagadh, Heads of various Departments and staff members joined in this rally. In this programme, 178 students participated enthusiastically.



Interaction of PM with Scientists & Farmers

Hon'ble Prime Minister Shri Narendra Modi interacted virtually with Scientists & Farmers. The programme was live webcasted at KVK, Khapat and Morbi on September 28, 2021. Hon'ble Prime Minister released 35 climate resilience varieties. A lecture cum awareness session was also organized on climate resilience agriculture for farmers by Mr. V. M. Savaliya, Scientist, KVK, Khapat. Total 94

and 202 farmers were remained present at KVK Khapat and Morbi, respectively in this programme.

Yoga Shibir

Junagadh Agricultural University organized a Yoga Shibir for girl students during September 8-13, 2021 and September 15-21, 2021 at Girls Gym, Junagadh in collaboration with Gujarat Yoga Board. In this programme, Mrs. Narmdaben Chauhan, Yoga Teacher, Gujarat Yog a Board demonstrated yoga exercise. A total of 80 girl students attended the programme.

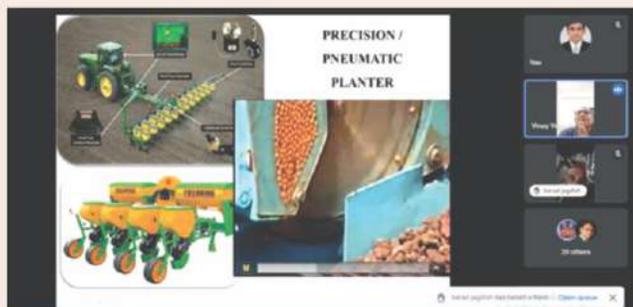


Virtual Webinars organized by RTTC

Centre of Excellence on Soil & Water Management, RTTC, Junagadh organized virtual webinars;

Advanced Agricultural Implements: Its Selection, Use and Maintenance

Prof. V. R. Vagadia, Asst. Prof., Dept. of Farm Engg, JAU, Junagadh delivered a lecture in this webinar on July 2, 2021. He stressed that selection of farm implement should be based on soil type, crop and our requirement. He highlighted the use of many advanced agricultural equipment. He also pointed out that many farm implements are very expensive for small farmers. In such circumstances, if equipment is procured by a NGOs / institution at the village level and allowed to be used by small farmers at concessional rates, the cost of farming can be reduced and farming can become profitable. More than 150 farmers joined live webinar and interacted with the scientists.



Integrated Pest Management of Pink Bollworm in Cotton

Dr. M. F. Acharya, Prof. & Head, Dept. of Entomology, JAU, Junagadh delivered an expert lecture in the webinar organized on July 17, 2021. As pink bollworm is major pest in cotton, its integrated pest management is very essential. Information of its life cycle is very important to control the pink bollworm. The organizations like; ATMA, Development Support Centre, AFPRO

associated to this webinar. More than 85 farmers joined virtually and interacted with the scientists.

Parthenium Awareness Week

KVK, Khapat

Parthenium Awareness Week was celebrated at Krishi Vigyan Kendra, Khapat (Porbandar) from August 16-22, 2021. Activities like; training on parthenium; uprooting of parthenium from campus; chemical control of parthenium etc. were carried out during the week. Total 51 farmers as well as staff members were participated during activities.



KVK, Pipalia

Parthenium Awareness week was celebrated by KVK, Pipalia between August 16-22, 2021. Different activities like; Parthenium uprooting, awareness and rally programs were carried out at KVK instructional farm, and nearby villages to sensitize the people about the adverse effects of Parthenium. A total of 25 participants had actively taken part and benefitted.



KVK, Morbi

Parthenium Awareness week was celebrated by KVK Morbi during August 16-22, 2021. In this programme, more than 930 farmers and farm women actively participated. During this celebration created awareness about harmful effect of Parthenium grass.



Technology week

KVK Khapat

A Technology week was celebrated on groundnut in current year during September 27 to October 01, 2021 with a view to provide an opportunity to show the worth of technologies through seminars and live demonstration and to boost up technology transfer.

During the week, different improved technologies of groundnut right from the land preparation and sowing to harvesting and post-harvest technologies up to marketing were demonstrated live or discussed thoroughly in the seminars. During the week, total 315 farmers participated in seminar and discussion. Dr. G.R. Gohil & Dr. P.J. Gohil from DEE office, JAU, Junagadh also remained present in the inauguration session on 27th September and interacted with participants.

KVK, Pipalia

Technology Week was also celebrated by KVK, Pipalia in collaboration with ATMA, Rajkot from Sept 27 to Oct 01, 2021. During this five days' event, 265 farmers & farm women had



actively participated from Gondal, Upleta, Jetpur, Jamkandorna & Dhoraji blocks. This week was celebrated to create awareness about new technologies, crop varieties, type of fertilizers & other related information in the field of horticulture, plant protection, animal husbandry, home science, women empowerment, etc. Dr. H. M. Gajipara, Director Extension Education, JAU, Junagadh has graced the valedictory function.

KVK, Jamnagar

KVK and ATMA Jamnagar jointly celebrated technology week during September 20-24, 2021 at KVK, Jamnagar. In which total 520 Farmers/farm women from different blocks had participated agricultural literature was given to all participants. This programme was chaired by Dr. H. M. Gajipara, Director of Extension Education, JAU, Junagadh. During this week, day wise different theme were organised for transfer of newer technology to the farmers. Special emphasis was given on pink bollworm management, rotting of groundnut and cotton due to heavy rain. They also encouraged for organic farming as well as reduction of cost of cultivation with improved technologies.



Special emphases was given on value addition, kitchen gardening, women and child care and Nursery Management for more income generation.

Many demonstration and video shows were arranged during this programme.

KVK, Morbi

Krishi Technology week was celebrated from August 23-28, 2021 by KVK, Morbi. Dr. L. L. Jivani, Shri D. A. Saradava, Smt. Hetal H. Padsumbiya and officers from Line Departments and NGOs were present. The information on improved crop cultivation practices of different crops grown in dry farming region, selection of variety for dry farming was given. Practical demonstration on moisture conservation technology, balance use of chemical fertilizer and organic farming, judicious use of insecticide and pesticide for the control of pest and disease, value addition in agricultural produces and women & child health care were conducted. Total of 128 farmers, farm women and extension personal actively participated in technology week.



Celebration of Poshan Maah

September month was celebrated as “*Poshan Maah*” by conducting different activities related to *Poshan Abhiyan* of Govt. of India. Different colleges, polytechnics and KVKs of Junagadh Agricultural University celebrated the *Poshan Maah* during the September 2021. Different activities viz., Quiz competition, Debate and Lecture were organized by colleges and polytechnics. In this celebration, Food Safety Malnutrition, Immunity development, Precautions against COVID-19, Use of nutritional food with Vitamins and minerals, awareness against junk foods/street foods etc., types of topics were covered.



The NSS unit of College of Agriculture, JAU, Mota Bhandariya (Amreli) and KVK, JAU, Amreli jointly celebrated *Poshan Maah* at College of Agriculture, JAU, Mota Bhandariya on September 17, 2021. In this programme, the awareness created on

importance of regional/local foods among the students. Nutritional food was distributed in this programme.

KVK Khapat

A live webcast of speech of Shri Narendra Singh Tomar, Hon'ble Agriculture Minister, Govt. of India was also organized at campus. Awareness about balanced nutrition in health; development of nutritional garden at KVK campus; off campus training of women about nutrition etc. were carried out. A mega event *Poshan Vatika & Vruksharopan Abhiyan* was also carried out on September 17, 2021. Seeds of vegetables were distributed to the farmers in association with IFFCO. About 100 seed packets & 800 seedlings of fruit and forest trees were distributed to farmwomen. Total 223 participants were involved all in activities carried throughout month.

KVK, Pipalia

In context of International Year of Millets 2023, Poshan Vatika Mahaabhiyan and plantation drive was organized by all the KVKs throughout the country on September 17, 2021. In this context 65 farmers, farm women & adolescent girls from different villages nearby KVK, Pipalia had joined the event. Nutri-kits were distributed to the participants which was sponsored by IFFCO and variety of plants for clean & green environment sponsored by Forest Department of Dhoraji.



KVK, Morbi

Poshan Maah celebrated during September, 2021 at KVK, Morbi and different villages of Morbi district. Special event of Poshan Vatika Mahabhiyan & Tree Plantation Campaign was carried out during this month.



Various programs like; distribution of literature on Poshan Abhiyan in local language, different training for farm women, visit to Poshan Vatika, nutritional

guidance by phone, tree plantation at Anganwadi and farmers field, distribution of vegetable seed packets was carried out. Total of 287 farm women, anganwadi workers, officers and staffs have participated in this event.

KVK, Jamnagar

Poshan Vatika Maha Abhiyan & Tree Plantation programme under the Celebration of National Nutrition Month was celebrated by KVK, Jamnagar in collaboration with IFFCO at Katda Village on September 17, 2021. In this Programme, discussion on Nutri cereals, their product and their role in human health and importance of Kitchen gardening was carried out. Around 125 vegetable seed kits were distributed to all farmers and farm women. During the celebration, about 150 tree were planted, 1000 planting materials of different fruit trees were distributed to the farmers and farm women for their nutri garden. In this programme, 33 farm women and 75 farmers participated.



Seminar on pomegranate cultivation

One-day seminar on "Pomegranate cultivation" was organized in collaboration with KRIBHCO at Ranmalpur and neighboring villages on September 8, 2021. Dr. D. K. Varu, Prof. & Head, Dept. of Horticulture, JAU, Junagadh, Dr. Yogesh Pawar, SMS (Horti.), KVK, SDAU, Deesa, Dr. L. L. Jivani, Sr. Sci. & Head, KVK, Morbi, Shri K. M. Vasoya, Area manager, KRIBHCO and Shri D. A. Saradava, SMS (Plant Protection), KVK, Morbi delivered lectures on different "Bahar Treatment" in pomegranate, nutrient management in pomegranate, quality production for export etc. Total of 380 farmers and officers participated in this event.

Announcement

AGRI-GUJARAT EXPO 2021

The Junagadh Agricultural University, Junagadh and Spark Media Inc., Ahmedabad will jointly organizing "AGRI - GUJARAT EXPO 2021" at Junagadh Agricultural University, Junagadh, during November 19-21, 2021. In this 'Mass Communication Event' new technologies of agriculture and allied fields, various products, tools and machineries of private companies as well as information of agricultural education, extension services and schemes of Government will be exhibited. The seminars about modern technologies,

cultural programme and Agrithon will also be organized during the event. This programme will provide a common platform to share and exchange the innovative practices and technologies among the scientists, farmers, farm women, extension officers and other stake holders.

New Technological Demonstration

Fungicide spray in groundnut crop by new technological demonstration with Agro drone was done by Garuda Aerospace Ltd. Chennai on September 16, 2021 at KVK, Morbi. Total of 57 farmers participated in this demonstration.



Pride of the University

Excellence in Research Award

Dr. N. K. Dhamsaniya had developed the 'Technology for production of peanut butter' in the year 2004. The technology has been adopted by the progressive entrepreneurs in the Gujarat which was resulted in getting the remunerative price of groundnut by the groundnut crop growers in the Gujarat and neighbouring states.



The Society for Scientific Development in Agriculture and Technology (SSDAT) conferred him an "Excellence in Research Award" for his outstanding

contribution in the field of Processing and Food Engineering. The award was received during the International Conference on Innovative and Current Advances in Agriculture and Allied Sciences (ICAAAS-2021) during July 19-21, 2021 organized by SSDAT, Meerut (U.P.).

Best Poster Presentation Award

Best Poster Presentation award was jointly received by Dr. N. K. Dhamsaniya, Principal, Polytechnic in Agro Processing, JAU, Junagadh and Dr. N. C. Patel, Former Vice Chancellor of Junagadh Agricultural University for their poster on "Effect of different peanut cultivars on spreadability of peanut butter". The award was conferred by SSDAT, Meerut (U.P.) during the International Conference on Innovative and Current Advances in Agriculture and Allied Sciences (ICAAAS-2021) organized during July 19-21, 2021.

Farewell to Dr. V. P. Chovatia, Hon'ble Vice-Chancellor, JAU, Junagadh

Dr. V. P. Chovatia, Director of Research, JAU, Junagadh completed the In-charge Vice Chancellorship at Junagadh on August 31, 2021. In presence of August Gathering of JAU Pariwar, the farewell was extended to Dr. V. P. Chovatia on September 02, 2021. Dr. Chovatia began his profession carrier



Journey towards excellence for 36 years with various posts. Dr. Chovatia handed over the charge of -Vice Chancellor to Dr. R. M. Chauhan, Hon'ble Vice Chancellor, SDAU. Govt. of Gujarat has given the responsibility officiating vice chancellor of JAU to Prof. (Dr.) Narendra Kumar Gontia and he took over the charge from Dr. R. M. Chauhan from October 5, 2021.

JAU Family Wishes Happy and Healthy Retired Life

No.	Name and Designation
July - 2021	
1.	Dr. K.A. Khunt, Principal & Dean, ABM
2.	Shri K.D. Trivedi, Agriculture Assistant
3.	Shri D.H. Jethva, Head Clerk
4.	Shri H.G. Gardhariya, Peon
5.	Shri V.H. Zala, Farm-labour
August- 2021	
6.	Dr. V. P Chovatia, Director of Research
7.	Dr. R. L. Shiyani, Professor
8.	Dr. B. A. Golakiya, Professor
9.	Dr. J. V. Polara, Professor(P)
10.	Shri P.R. Patel, Agriculture Officer
11.	Shri R.K. Pandya, Junior Clerk
12.	Smt L.A. Baraiya, Farm Labour
September- 2021	
13.	Shri H.S. Bhatt, Agriculture Supervisor
14.	Shri I.M. Kadri, Head Clerk
15.	Shri M.G. Patoliya, Peon

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To,

From:
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