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## Hon'ble Vice Chancellor's Message

### Online Teaching- Learning for Agricultural Education

India has a vast Agriculture Education System which consist more than 35,000 Faculty members and 1.65 lakh students. Advancement of digital technology has played an important role in all sectors of life including teaching-learning process. Over the past few years, numerous efforts have been made to integrate emerging internet technologies into the teaching and learning process in higher education. However, the sudden requirement of online teaching due to COVID-19 has proven as catalyst in urgent need of adopting online teaching in Indian Agricultural Education System. In response to these challenges, Universities have been working on strategic plans to implement online education. It has been observed that Agricultural Universities of India proved to be more responsive towards online learning and continued to teach and evaluate the students.



Online teaching has advantages like convenience and 24x7 access of content, increased depth of understanding and retention of course content, more time to think and reflect before communicating, increased variety and creativity of learning activities, address different learning styles, ability to document and record online interactions; ability to manage grading online and lessen demand on limited campus infrastructure. The success of online teaching rests on the quality of content in most appropriate form.

Most of the faculty members are using virtual classroom platforms like Cisco Webex, Microsoft Team, JioMeet and Google Classroom. However, there are many other platforms like Udemy, RCampus, Learnopia, Peer 2 Peer University, Teachers Pay Teachers, Quizlet, etc. with facilities to design robust classes with various features. Parallel to online teaching, online assessment is also a critical part of eLearning. There are many software tools such as iSpring Suite that allow a quiz maker tool that offers 14 question types. Online evaluation has advantages of centralize and streamline exam administering and assessment, reduce high cost, effort and time taken to evaluate the answer sheets manually, options to add feedback of student's, auto grading features to reduce human errors, mapping students' progress over time, etc. The declaration of immediate result of examination through online evaluation facilitates to improve performance of students.

Junagadh Agricultural University has also completed all the courses online and up to now, conducted more than 460 online exams with more than 18,000 gross students' appearance. However, the Universities have to adopt hybrid educational models having blending of traditional and online teaching and evaluation systems Post-Covid. In the light of the emerging situation, Universities should give priority to create the infrastructure like virtual classroom with digital teaching device and devolvement of e-content of subjects in various forms and faculty training & support for imparting quality online education.

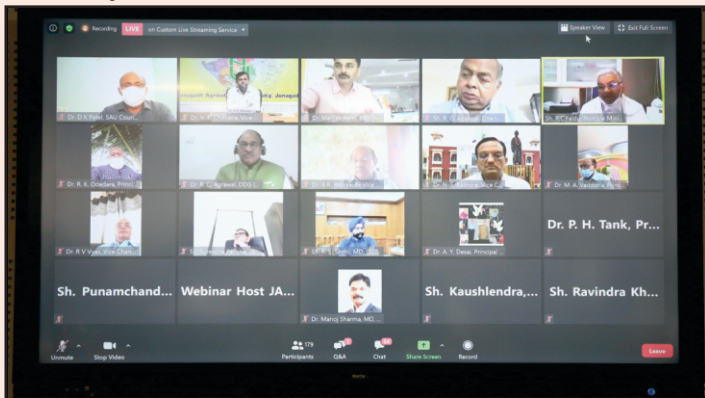
V. P. Chovatia

## Virtual Colloquium under NAHEP-IDP

### Post COVID-19 Agribusiness – Challenges and Opportunities

A National WEBINAR on 'Post COVID-19 Agribusiness – Challenges and Opportunities' was organized at Junagadh Agricultural University, Junagadh under the aegis of NAHEP – IDP during June 13-14, 2020. The inauguration session was graced by Shri Narendra Singh Tomar, Hon'ble Cabinet Minister, Ministry of Agriculture & Farmers Welfare, Rural Development and Panchayati Raj, Government of India; Shri R. C. Faldu, Hon'ble Minister of Agriculture, Rural Development and Transport, Government of Gujarat; Shri Poonamchand Parmar, Additional Chief Secretary, Agriculture, Farmers Welfare & Co-operation Department, Government of Gujarat; Dr. N. S. Rathore, Vice Chancellor of the Maharana Pratap University of Agriculture and Technology, Udaipur; Dr. R. C. Agarwal, Deputy Director General (Agricultural Education), ICAR; Shri R. S. Sodhi, Managing Director of GCMMF (Amul) and many more dignitaries.

In this webinar nearly 2500 participants ranging from Professors engaged in Agricultural Education, Research and Extension, Managing Directors and CEO of different agricultural and allied Industries, officers, Students and Farmers joined and benefited.



In the inaugural function Dr. V. P. Chovatia, Hon'ble Vice Chancellor of JAU and PI-IDP NAHEP welcomed the dignitaries and informed the gathering about the major aims to organize this webinar to overcome the adverse effect of COVID-19 outbreak in agriculture.



Union Agriculture Minister Shri Narendra Singh Tomar addressed the gathering stressed on achieving better farm production with less water as well as limited farm inputs.



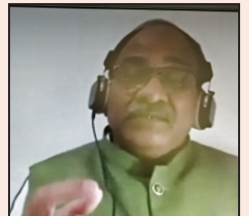
Shri R. C. Faldu, Minister of Agriculture, Rural Development and Transport, Government of Gujarat informed the gathering that the farmers and communities involved in agribusiness are not affected and their progress is stunted and their farming is enriched from time to time release of the various favourable packages.



Shri Poonamchand Parmar, Additional Chief Secretary, Agriculture, Farmers Welfare & Co-operation, Government of Gujarat spoken about the progress made in agriculture so far and the important works to be done in the future post COVID-19 as well as he emphasized on shifting the current agriculture to natural agriculture to come out of the epidemic of COVID-19.



Dr. R. C. Agarwal, Deputy Director General (Agricultural Education) of the Indian Council of Agricultural Research informed the gathering about the future plans of government of India and ICAR regarding Online Agricultural Education, Research and Extension in post COVID-19 era.



The Managing Director of GCMMF (Amul), Shri R. S. Sodhi informed everyone about the future of animal husbandry and dairy industry post COVID-19.

### **Introduction to MatLab software and its application in agriculture**

College of Agricultural Engineering and Technology, JAU, Junagadh organized webinar on May 14, 2020. In the webinar, introduction, operation and programming on MatLab, various mathematical variables, matrix operations, plotting, image data structure and its operation and applications in agriculture were covered. Prof. G. D. Gohil and Dr. K. S. Raviya coordinated the webinar. Total 55 students benefited by the programme.

### **Application of CAD in Agricultural Engineering**

The college also organized a webinar on "Application of CAD in Agricultural Engineering" on May 16, 2020. In the programme importance of CAD in agricultural industries, basic knowledge of AutoCAD and Creo were imparted to 37 UG students. Prof. N. B. Parmar and Dr. R. G. Jakasania coordinated the programme.

### **Advanced Machinery for Tillage Operations**

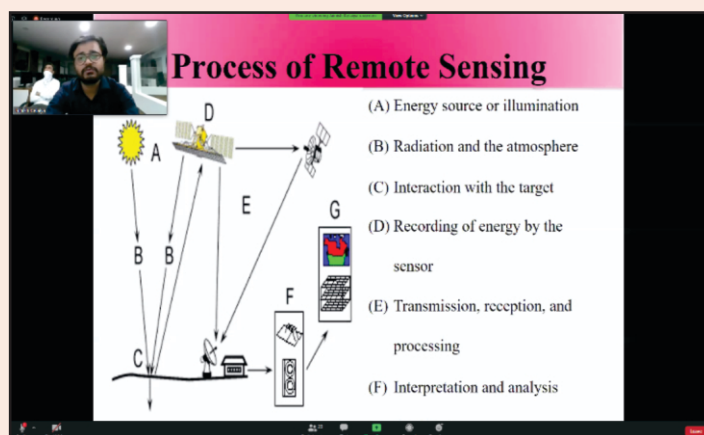
The college also organized webinar on "Advanced technologies in tillage operations, their pros and cons" on May 19, 2020. Details of various primary tillage, secondary tillage, no tillage, mulch tillage and combination tillage implements were provided to 42 UG students by Prof. A. L. Vadher and Dr. Saumya Shukla.

### **Advanced Food Processing Techniques**

The Department of Processing and Food Engineering, CAET, JAU, Junagadh organized a webinar on "Advanced Food Processing Techniques" on May 21, 2020. Mechanism, working principle, instrument used as well as application of advanced techniques in the field of food processing, details of various techniques like; modified atmosphere packaging, controlled atmosphere storage, ozone treatment, freeze drying, High Pressure Processing (HPP), microwave heating, UV radiation processing, food irradiation, Pulsed Electric Field, Ohmic Heating and Ultrasound were covered under webinar. Dr. P. R. Davara and Er. Vina Sindhal coordinated the webinar. Total 53 students participated in this programme.

### **Application of Robotics in Agriculture**

The college also organized webinar on "Application of Robotics in Agriculture" on May 27, 2020. In the programme the applications of advanced technology like: Robotics, drone and automation and sensors application in agriculture were covered. Prof. S. V. Kelaiya and Dr. Viral Joshi coordinated the webinar. Total 81 students benefited by this event.



### **Environment Protection for Improving Animal and Human Health**

Department of Animal Genetics and Breeding (AGB), College of Veterinary Science & A.H., JAU, Junagadh organized a webinar and online paper presentation competition on "Environment Protection for Improving Animal and Human Health" on May 30, 2020 under NAHEP- IDP. The event was aimed to educate undergraduate students and provide them platform to interact with renowned scientists of national repute, faculty members, and postgraduate scholars. Dr. V. P. Chovatia, Hon'ble Vice Chancellor, Director of Research, JAU, Junagadh and PI of IDP presided over the function. He emphasized to conduct more such webinars with active participation of students in his presidential address. Dr. A. R. Ahlawat, Associate Professor & Head and Organizing Secretary of the webinar welcomed all the dignitaries who graced the online platform and shared the schedule of the webinar. Dr. A. K. Sharma, Associate Professor & Head and Convener of IDP, Veterinary College proposed vote of thanks. Overall 250 participants were benefited by this webinar. Padmashri Dr. Kushal Sarma, Professor and Head, Department of Veterinary Surgery & Radiology, College of Veterinary Science, AAU, Guwahati delivered his presentation. Dr. Kushal Sarma delivered his speech on "Environment Protection for Improving Animal and Human Health" and second technical session had a presentation from Dr. P.H. Vataliya, Director of Extension Education, Kamdhenu University, Gandhinagar. Lead paper followed by online paper presentation competition by undergraduate students of the host institute and the best three presentations from each of the technical sessions were selected.

### **Unleashing the start-up culture in agriculture: challenges and way forward**

Webinar on "Unleashing the start-up culture in agriculture: challenges and way forward" was organized by College of Agriculture, JAU, Junagadh on

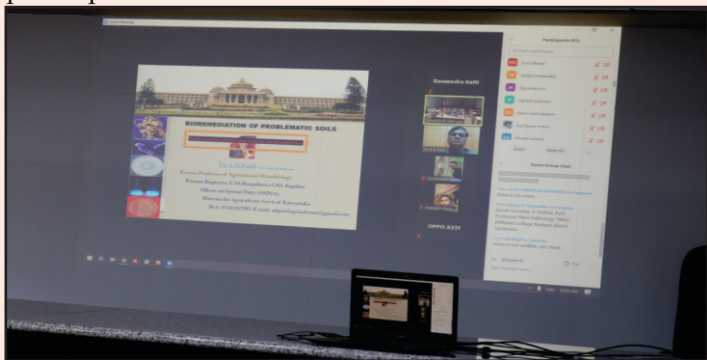
June 4, 2020 under NAHEP-IDP. The event was focused on orienting the young agri-graduates towards the introduction of Start-up culture in agriculture.



Mr. Jatin Katria, Director of start-up in Rajkot, Screening committee member in Start-up India scheme and Advisor of Google business group had delivered expert lecture in the webinar. He acquainted the participants with various innovative idea in agriculture, entrepreneurship and its scope in the country for young graduates. Under this programme 60 undergraduate students had participated.

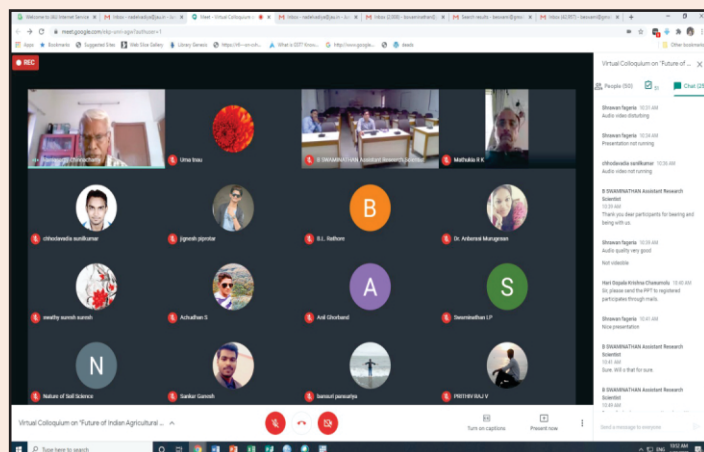
### **Bioremediation of problematic soils**

College of Agriculture, JAU, Junagadh has organized a webinar "Bioremediation of problematic soils" on June 16, 2020 under NAHEP-IDP. Dr. A. B. Patil, Former DE and Registrar, UHS Bagalkot and Officer on Special Duty to Minister for Agriculture, Govt. of Karnataka delivered expert lecture. The main objective of this programme was to acquaint the participants with different biological remediation methods for improving soil health and soil condition. Altogether, 150 undergraduate students of B.Sc (Hons.) Agriculture participated in this webinar.



### **Future of Indian Agricultural Education: Must-have skills and Creative Capacities for Farm Graduates**

Virtual Colloquium on "Future of Indian Agricultural Education: Must-have skills and Creative Capacities for Farm Graduates" was organized by College of Agriculture, JAU, Junagadh on June 28, 2020 under NAHEP-IDP. Prof. C. Ramasamy, Indian Coordinator, Agricultural Innovation Project (USAID), Former Vice Chancellor, TNAU, Coimbatore. Former President, Indian Society of Agricultural Economics, Mumbai. Former Member, State Planning Commission, Govt. of TN State delivered expert lecture in this event. He acquainted the participants on future of Indian agricultural education and different skill set require for Indian agriculture graduates. Altogether, 250 undergraduate students participated in this training programme.



### **Commodity Derivatives Market**

National Webinar on Commodity Derivatives Market was also organized by College of Agriculture, JAU, Junagadh on June 25, 2020 under NAHEP-IDP. The programme was aimed to acclimatize students about the trends in commodity marketing and develop confidence about seeing it as a career building alternative. The webinar covered topics like; Introduction of NICR, commodities, global & domestic, physical market, exchange structures, usefulness for farmers/FPOs; Derivatives & Price risk management; Commodity exchanges. Altogether, 75 undergraduate students participated in this webinar.



### **NAHEP-IDP Review Meeting**

All India Review Meeting of NAHEP-IDP was held during June, 4-5, 2020. Mr. Adward, World Bank Consultant, USA, Dr. R. C. Agarwal, National Director, NAHEP-IDP, Dr. P. Ramasundaram, National Co-ordinator, NAHEP-IDP and renown Jury members of implementing committee reviewed the activities. Dr. V. P. Chovatia, Hon'ble Vice Chancellor, PI-NAHEP-IDP & Director of Research, JAU, Dr. P. M. Chauhan, Registrar, Co-PI-IDP, Dr. P. Mohnot, Nodal Officer, ICAR, Dr. V. R. Malam, DSW, Dr. K. C. Patel, Director IT and IDP Group members remained present in the meeting. All the reviewers praised the activities and progress of JAU under IDP.

### **Annual Kharif Pulses Group Meet**

Annual Pigeonpea Group Meet was organized online as Annual Kharif Pulses (Pigeonpea, Mung bean, Urd bean and arid legumes) Group Meet to formulate new technical programme and discussion on ongoing research programmes during June 2-4, 2020. Dr. M. S. Pithia,

Research Scientist (Chickpea), and Scientists of Pulse Research Station actively participated in online meet.

### Group meeting cum Seminar

An online group meeting-cum-seminar was held on May 20, 2020 at IT Cell to generate JAU portal for uploading the details of students' counseling and placement activities. Prof. D. J. Patel, Asst. Prof. (Computer Engg.) IT Cell explained various features of AIMS.

### Academic Activities at JAU during COVID-19: Coping up with online classes and excelling

During this pandemic period of COVID-19 prevailing in the country, it is indeed a challenge for the teaching fraternity to conduct classes. As inspired by Hon'ble Vice Chancellor Dr. V. P. Chovatia and efforts of Principals/Deans of various Faculties of JAU, all colleges and polytechnics conducted live online classes ever since lockdown using various video conferencing apps. Teachers have adopted themselves well to the current challenges and the students seem to lap up the lessons well. More than 90% attendance was being reported in the virtual classroom. Over the last months, teachers all across the various faculties have engaged the students with technology-aided teaching. Home assignments were being sent over WhatsApp, in the form of PDF's. They tried the best to clear concepts using the PowerPoint presentations, recorded video-audio lectures and doubts were cleared by WhatsApp group. Practice question papers, study material and handouts were being uploaded regularly on the study portal namely, Academic Information Management System (AIMS) developed by JAU.

As per ICAR guidelines, the final external theory and practical exams of final year under-graduates of various faculties have been completed timely in the university. Moreover, various certificates viz., result, mark sheet, provisional passing certificate, etc were given to the passed out students so that they can apply for further studies and to aid to get jobs. The university has also conducted online tests and the responses are being assessed virtually. Till date, more than 450 online exam including 162 exams for polytechnic, 155 for under-graduate level and 147 for post-graduate level midterm and internal exams have been successfully completed. Students from interior area of different district/village of Gujarat, Maharashtra, Rajasthan, Karnataka, Kerala, Assam, Uttar Pradesh, Bihar, Madhya Pradesh and Jammu and Kashmir have attended these examinations right from their home without any absentia. Moreover, for post-graduate students, keeping in view their higher education and jobs related issues their preliminary

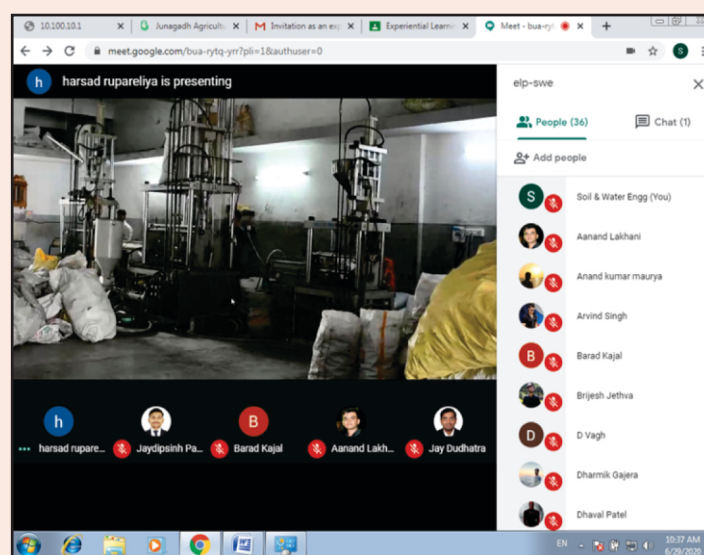
theory examination and viva-voce, seminar, pre-thesis seminar and thesis viva-voce have also been conducted online through using various video conferencing apps in all disciplines of the University.

Hon'ble Vice Chancellor, Dr. V. P. Chovatia has congratulated the concerned Principal of all the colleges and polytechnics along with the faculties. He also applauded the efforts of Dr. P. M. Chauhan, Registrar, Dr. D.T. Fefar, Assistant Registrar (Academic), Dr. K.C. Patel, Director (IT) and their team for their valuable and untiring efforts to excelling the academic activities.

### Online Experiential Learning Programme

#### Design, planning and evaluation of watershed

Department of Soil and Water Conservation Engineering, College of Agricultural Engineering and Technology, JAU, Junagadh has organized 15 days online experiential learning programme on "Design, planning and evaluation of watershed" from June 16-30, 2020. Total 42 students pursuing their B. Tech. (Agril. Engg.) have participated in this training programme. The experts from academic institute, NGOs working on watershed, field functionaries and industries concerned to irrigation water management have been invited to train the students online.



Dr. N. K. Gontia, Principal and Dean, CAET, JAU, Junagadh initiated the programme with his opening remarks and also shared his views on use of Remote Sensing technology in watershed management on June 15, 2020. The valedictory function was organized on June 30, 2020. Dr. V. P. Chovatia, Hon'ble Vice Chancellor, JAU, Junagadh chaired the function. Dr. N. K. Gontia, Principal and Dean, CAET; Dr. P. M. Chauhan, Registrar; Dr. H. D. Rank, Professor & Head, SWCE, CAET; and Dr. K. C. Patel, Director (IT), JAU, Junagadh were remained present and graced the function.

## Online Hands-on Training in Processing and Food Engineering

The Dept. of Processing & Food Engineering, CAET arranged 15 days online hands on training during May 1-15, 2020 of 8<sup>th</sup> Sem., B. Tech. (Agril. Engg.) students containing two-day virtual visit of Agro Processing Industry and practical training on working of processing machineries/equipment like; Spray Dryer (Milk drying), Continuous Microwave Dryer (Coriander leaf drying), Homogenizer (Coconut oil-water emulsion), etc., virtual tour of Mango Canning Plant and Pilot Scale Pulse Processing Plant. During the online valedictory function, Dr. D. C. Joshi, Hon'ble Vice Chancellor, Kota Agricultural University as a Chief Guest and Dr. N. K. Gontia, Principal & Dean and President of the function encouraged the students and appreciated the sincere efforts made by Prof. Bansee Devani, Prof. B. L. Jani and Dr. M. N. Dabhi, Prof. & Head, Dept. of PFE in organizing the training and virtual visits. The students prepared processing videos of TutiFruti from watermelon part, Sapota beverage, potato chips and many more stuffs and submitted online. All this exchange of knowledge/content was done using WhatsApp, Zoom and Google Classroom.

### Establishment of Zebrafish Research Lab

Department of Veterinary Pharmacology and Toxicology, Veterinary College, JAU, Junagadh has established the Newer Zebrafish Research Facility under the guidance of Dr. P.H. Tank, Principal and Dean, Veterinary College, JAU, Junagadh. The zebrafish is a newer emerging animal model in the fields of human and animal Pharmacology and Toxicology. Scientists all over the world are working for establishment and validation of the zebrafish as an alternative animal model for the research in Drug Discovery and Development. There are various advantages of zebrafish over other available laboratory animal models in the field of Drug development. Dr. U. D. Patel, Associate Professor and his team have made their efforts to do the research work in the field of Aquatic toxicology using this novel zebrafish animal model.

### Robotic clay fraction analyzer

Robotic clay fraction analyzer was purchased in the Department of Agricultural Chemistry and Soil Science under ICAR-Institute Development Programme scheme. This instrument is useful for automation of silt as well as clay fractions analysis between 2-5 different fractions of size between 2-63  $\mu\text{m}$  of soil. It is also useful for the measurement of clay fractions according to Robinson and Kohm (ISO 11277) method. Robotic clay fraction analyzer is useful for the analysis of the silt and clay fractions of soil.



### Increase in groundnut yield using subsurface drainage in waterlogged land

The expansion, adoption and awareness of subsurface drainage technology is an effective tool for amelioration of waterlogged irrigated area, which not only help in restoring the productivity of field crops but also enhancing the productivity and directly or indirectly increase farmers' income. A long term field experiment (LTFE) on "Balance nutrient management in groundnut (*kharif*)- wheat (winter) cropping sequence", undertaken at JAU, Junagadh campus since last 30 years, recorded miracle increase in groundnut yield. The soils of study area were calcareous, medium black clayey submerged soil. A subsurface drainage was made using slotter pipes in experimental area of one hector by layering of pipes in 60 x 60 cm channel. The channel was filled with pebbles and sand followed by soil. In monsoon period, percolated water was drained out through slotter pipes connected to a common channel.

The growth and yield of *kharif* groundnut crop observed very good during 2019 in sub surface drainage as compared to 2018 without sub surface drainage. The treatment of 50% NPK + FYM @ 10 t/ha to *kharif* groundnut and 100% NPK to wheat gave significantly the highest (three times) pod yield of 1578 kg/ha during 2019 in subsurface drainage through slotter pipes in experimental area as compared to previous year of 2018 which was observed 587 kg/ha only without provision of subsurface drainage. The mean range of groundnut pod yield of different treatments observed from 711 to 1578 kg/ha during 2019 in sub surface drainage whereas during 2018, it was recorded 338 to 587 kg/ha without provision of subsurface drainage. This technology was found very useful for amelioration of waterlogged saline irrigated lands in Saurashtra region of Gujarat.

### Dignitaries Visit

Smt. Jyotiben Vachhani, eminent social worker & Member, Board of Management, Junagadh Agricultural University, Junagadh, visited the Cattle Breeding Farm, JAU, Junagadh accompanied by Dr.V.P.Chovatia, Hon'ble Vice Chancellor, JAU, Junagadh on May 25,

2020. Scientific staff of Cattle Breeding Farm were also remained present. She appreciated the progress achieved by Cattle Breeding Farm.



### Celebration of Days

#### World Environment Day

College of Agriculture, Khapat (Porbandar) celebrated "World Environment Day" on June 5, 2020 by organizing webinar. Dr. M. B. Tandel, Asst. Prof., ASPEE College of Forestry, NAU, Navsari delivered expert lecture on Importance of Forest in Environment.

KVK, Amreli also celebrated the World Environment Day and planted the trees in surrounding areas of the KVK.

Directorate of Students Welfare also celebrated world environment day by planting saplings along with staff members nearby office.



#### International Yoga Day

Yoga plays a significant role during the world crisis of Covid-19 as yoga boosts our immunity and is known to cure respiratory disorders. Pranayama or breathing exercises increase our oxygen intake by up to five times. Through this rich oxygenation of blood to the brain, heart, lungs, and digestive systems; our organs functioning is vastly improved thus also improving our overall health. As a healing and other alternative form of therapy, yoga helps to relieve stress and keeps the mind calm. This year's International Day of Yoga themed 'Yoga at Home and Yoga with Family'. It was celebrated only on digital platforms in view of the coronavirus pandemic. The College of Veterinary Science and

Animal Husbandry, JAU, Junagadh celebrated 6<sup>th</sup> International Yoga Day as per guidelines provided by Ministry of AYUSH, Government of India on 21<sup>st</sup> June, 2020 with theme of "Yoga @ Home and Yoga with Family". All faculty members and students were performed yoga @ home with their family. The programme was framed and circulated by Dr. R. J. Raval, NSS Programme Officer as per guidelines provided by Ministry of AYUSH and under the guidance of Dr. P.H. Tank, Principal and Dean, COVSC&AH,



Sixteen faculty members and students of College of Agriculture and KVK, Khapat participated in the celebration of yoga day. Staff of KVK, Amreli also celebrated the event. The event was also celebrated by



NSS volunteers and staff of Polytechnic in Agro Processing at home with the family members. Almost all the volunteers of the polytechnic performed the 'Yoga' at home. The programme was initiated by a short lecture by Dr N. K. Dhamsaniya, Principal of the Polytechnic in Agro-Processing to all the participants using online platform (Google Meet). He narrated the benefits of 'Yoga' in the current pandemic of COVID-19 in boosting immunity. He appealed all the participants to make the 'Yoga' a part of their daily life for remaining stress free and physically fit for any kind of challenges in the life.

The programme was performed after displaying a short video clip on exercising the Yoga followed by the practice by all the participants.

## NSS Activity

### State level NSS meeting-cum-workshop

Online State level NSS meeting-cum-workshop was organized on June 11, 2020 for planning NSS activities in COVID-19 situation. Dr. V. R. Malam, Programme Co-ordinator (NSS) & DSW, JAU, Junagadh and NSS Programme Officers of JAU participated in this meeting and interacted with the State NSS officer, Gandhinagar.



### Tree Plantation

The NSS unit of College of Agriculture, JAU, Mota Bhandariya (Amreli) organized a Tree Plantation programme on June 18, 2020. This activity was organized with an aim to aware about greenery and clean environment among staff members and NSS volunteers.



### Online Training to Farmers

Krishi Vigyan Kendra, Jamnagar organized two online training programmes during the quarter in which, 47 farmers benefitted.

The farmers were aware about *kharif* season crop planning and plant protection in summer crop. Major discussion was done on precaution for white grub in groundnut for *kharif* season. Farmers also discussed about dangerous and precautionary measures to control the pink boll worm in cotton.



## JAU FAMILY WISHES HAPPY AND HEALTHY RETIRED LIFE

No.	Name and designation
<b>April 2020</b>	
1.	Shri L. K. Mungra, Agril. Officer
2.	Shri B. B. Vaniya, Agril. Assistant
3.	Smt. P. N. Vyas, Senior Clerk
<b>May 2020</b>	
4.	Dr. H. J. Kapadiya, Associate Professor
5.	Prof. G. G. Markana, Associate Professor(D)
6.	Shri L. J. Jethvani, Deputy Engineer
7.	Shri J. M. Joshi, Mechanic
8.	Shri K. A. Koriya, Civil Overseer
9.	Shri L. K. Fichadiya, Head Clerk
<b>June 2020</b>	
10.	Dr. N. U. Dahima, Associate Professor
11.	Dr. B. V. Radadiya, Assistant Professor
12.	Prof. P. B. Busa, Assistant Professor
13.	Prof. C. M. Naliyadara, Assistant Professor
14.	Shri K. K. Parmar, Agril. Officer
15.	Shri V. V. Padhar, Agril. Supervisor
16.	Shri J. M. Nayka, Agril. Assistant
17.	Shri P. M. Lakhani, Agril. Assistant
18.	Shri M. G. Parmar, Head Clerk
19.	Shri J. B. Sodha, Senior Clerk
20.	Shri M. J. Murabiya, Senior Clerk
21.	Shri S. M. Makvana, Senior Clerk
22.	Shri A. L. Vyas, Junior Clerk
23.	Shri S. B. Dafda, Driver
24.	Shri R.B.Borisagar, Sathi/Khedut
25.	Smt. Prabhaben S. Valodara, Sweeper

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