



नेवसरी कृषि विद्यापीठ

NAVSARI AGRICULTURAL UNIVERSITY



SPECTRUM

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From the Vice Chancellor's Desk

Socio-economic and Health Benefits from Bio-fortified and Protective Foods




The whole world is passing through the most challenging hardship ever due to COVID 19 pandemic and all the sectors have faced and are still facing a number of adversities. Nevertheless, our very survival depends on ability to stay awake, remain vigilant and face the challenges of change and rightly the people around all the corners have shown remarkable perseverance/strength and learned a lot about balanced diet. The situation has led to a visible positive behavioural change in the nutritional habits of people around the world. In this quest, The United Nations has declared the year 2021 as International Year of Fruits and Vegetables with the aim of raising awareness about protective foods and sharing good practices on the nutritional and health benefits of fruits and vegetable consumption. The Hon'ble Prime Minister, Shri Narendra Modi Ji also dedicated 17 bio-fortified varieties of 8 crops to the nation on the occasion of 75th Anniversary of the Agriculture and Food Organization (FAO) and accentuated that improved varieties of crops identified by the concerted efforts of agricultural scientists and the hard work of the Indian farmers will change the normal Indian Thali (food plate) into a nutritious one.

The untiring efforts of the University given an impetus to identify bio-fortified varieties in important crops of the region. I think bio-fortification is one of the key nutrition interventions that have ability not only to address micronutrient malnutrition among populations especially the poor, rural and other vulnerable communities of the society but has an unambiguous role to boost immune system- a key component during current situation. The University has taken a lead in sensitizing masses of the region by implementing various trainings on biofortification- health and agricultural benefits, relationship between enrichment and supplementation as well as demonstrations on bio-fortified foods.

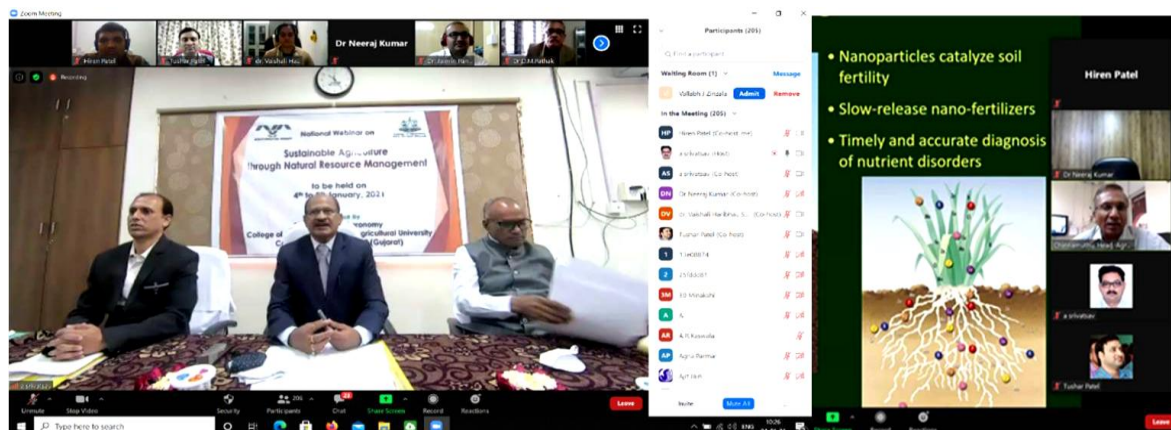
I am pretty sure that agriculture through its everlasting interventions will definitely play its part to come out of the prevailing socio-economic and health crisis.

Jai Hind


(Z. P. Patel)
Vice Chancellor

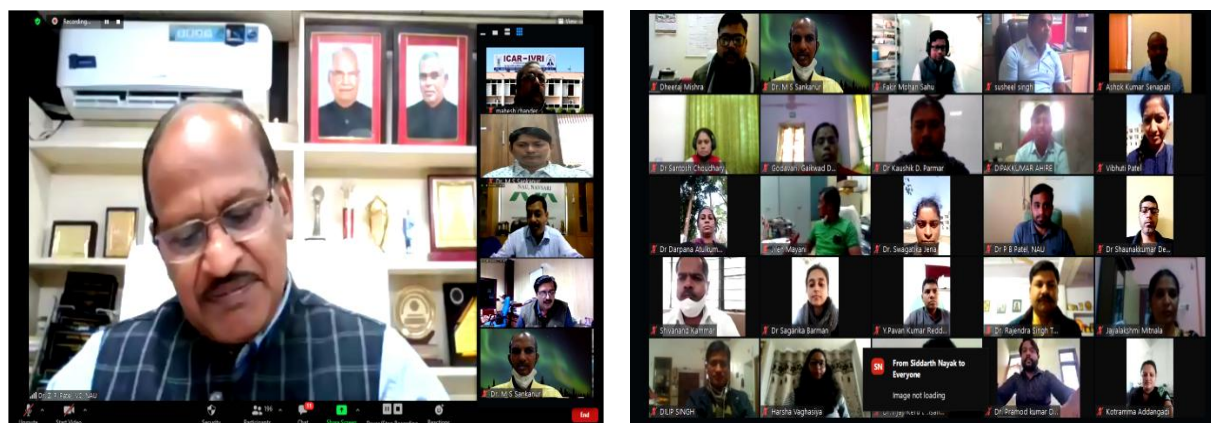
EVENTS ORGANIZED

National Webinar on Sustainable Agriculture through NRM



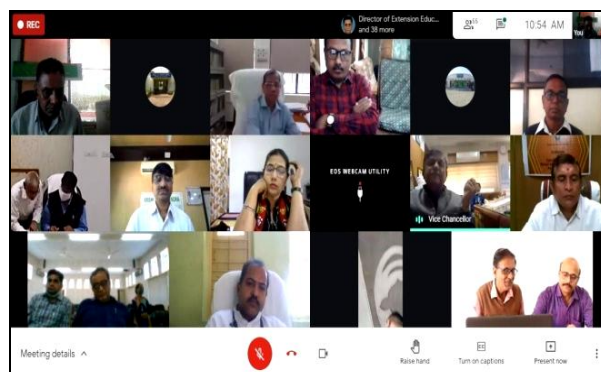
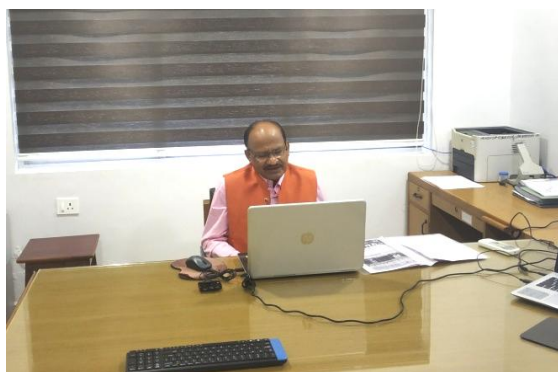
Dr. Z. P. Patel, Hon'ble Vice Chancellor, NAU, Navsari inaugurated National Webinar on "Sustainable Agriculture through Natural Resource Management" in the presence of Dr. Suresh Kumar Chaudhari, Deputy Director General (NRM) as Chief Guest; Dr. S.R. Chaudhary, Director of Research & Dean PGS, NAU and Dr. K.G. Patel, Principal & Dean, CoA, Bharuch. The event organized by the Department of Agronomy, College of Agriculture, Bharuch from January 04 to 08, 2021 witnessed a participation of more than 700 delegates including students and overseas registration.

Twenty One Days National Level Virtual Training



Hon'ble Vice Chancellor presided over the inaugural ceremony of 21 days national level virtual training on "Sustainable Development of Secondary Agriculture: Economical, Food-Nutritional and Livelihood Perspective" organized under NAHEP-CAAST sub-project during January 16 to February 05, 2021. Dr. Mahesh Chander, Joint Director (Extension Education), ICAR-IVRI, Izzatnagar was Chief Guest of the ceremony and Dr. S. R. Chaudhary, DR & Dean PGS, NAU was the Guest of Honour. About 178 faculties from SAUs/CAUs/ICAR and other Institutes across the country participated in the training.

Annual Action Plan Workshop of KVKs of Gujarat



Hon'ble Vice Chancellor presided over the inaugural ceremony of Annual Action Plan Workshop of KVKs of Gujarat organized jointly by ICAR-ATARI, Pune and NAU, Navsari in a virtual mode on February 18, 2021. The event was graced by the presence of Chief Guest, Dr. A. K. Singh, Deputy Director General (Agril. Extension), ICAR, New Delhi; Dr. V. P. Chovatia, Hon'ble Vice Chancellor, JAU, Junagadh; Dr. R. M. Chauhan, Hon'ble Vice Chancellor, SDAU, SK Nagar; Dr. Lakhan Singh, Director, ICAR-ATARI, Pune and DEEs of all the four SAUs of Gujarat.

Workshop cum Training on Application of Remote Sensing & GIS



Inauguration of Workshop cum Training on Application of Remote sensing & GIS in Agriculture and Natural Resource Management by Hon'ble Vice Chancellor at NMCA, NAU, Navsari on March 06, 2021. Training manual was also released by the dignitaries on the occasion and 20 faculties and 50 students of the University participated in this workshop.

Bimonthly Workshops



Bimonthly workshops for the months of January-February and March-April were organized under the presidentialship of Hon'ble Vice Chancellor on January 13, 2021 and March 19, 2021.

Awareness Program on Yoga



Hon'ble Vice Chancellor motivated students to practice yoga on the ceremonial occasion of awareness program on "Significance of Yoga for student's physical, mental and emotional health in COVID-19 era" organized by Directorate of Students' Welfare on March 02, 2021. Dr. R.M. Naik, Director of Students' Welfare and Dr. Diwakar Singh, Nodal officer- Yoga highlighted the importance of yoga in student's life. Total 950 University students and staff members participated in the event.

Campus to Corporate: C₂C Training Programmes



Hon'ble Vice Chancellor appreciated the efforts of the University Placement & Counselling Cell, & Directorate of Students' Welfare, NAU, Navsari for organizing Pre-Placement Preparatory Training Programmes through two successive *Online In-house Full Day Career Management Training Programme* on "Campus to Corporate: C₂C" for 71 UG students of ASPEE Shakilam Biotechnology Institute, Surat on January 19, 2021 and 69 Diploma Horticulture students of both the Horticulture Polytechnics of Navsari and Paria on March 23, 2021 with the objective of grabbing lucrative career opportunities during the situation of COVID 19 pandemic.

Guest Lecture Series under CAAST-NAHEP

S.N.	Guest speaker	Topic
January 28, 2021		
1.	Dr. K.D. Sharma, Professor & Head, Dept. of FST, Dr. YS Parmar, UHF, Nauni	Functional foods: Concepts and future prospects in India
2.	Dr. B.V.C. Mahajan, Director, PHPTC, PAU, Ludhiana	Safe ripening and waxing techniques to maintain quality of horticultural produce
3.	Dr. M. S. Sajeev, Principal Scientist & Head, Division of Crop Utilization, ICAR-CTCRI, Thiruvananthapuram	Processing and value addition of tuber crops
January 29, 2021		
4.	Dr. R.F. Sutar, Professor & Head, College of FPT & BE, AAU, Anand	Recent trends for cryogenic grinding of spices



5.	Dr. I.V. Chakorborty, Professor & Head, Department of PHT, BCKV, Nadia	Radiation technology for post-harvest use
6.	Dr. Anju Kumari, Dean, Department of FST, Dr. YS Parmar UHF, Nauni, Solan	Processing and value addition of pumpkins and bamboos for edible product development
January 30, 2021		
7.	Dr. V.K. Joshi, Rtd. Professor & Head, Department of FST, Dr YS Parmar UHF, Nauni, Solan	Fermented foods of India: Present status and future strategies
8.	Dr. Harinder S. Oberoi, Principal Scientist & Head, Division of PHT & Engg., IIHR-ICAR, Bengaluru	Nutraceuticals foods from fruits and vegetables
9.	Dr. Sanjay Kumar Dwivedi, Director, DRDO, Tejpur	Challenges and prospectus of business developments in processing industries

INAUGURATION OF FACILITIES

Inauguration of Marketing Platform for Organic Producers



A Marketing Platform for organic farm products was inaugurated by Hon'ble Vice Chancellor at NAU main gate on February 17, 2021 in the benign presence of Ms. Prashasti Pareek (IAS), DDO Navsari, Dr. C. K. Timbadia, DEE, NAU, Navsari and organic producers of the area to create awareness and development of organic farming activities in South Gujarat.

UNIVERSITY AWARDS and MOUs



Fruit Research Station, Gandevi was declared as the Best Centre of ICAR-AICRP (Fruits) for the year 2020-21 during 8th Group Discussion Meeting of AICRP on Fruits held in virtual mode from March 03-06, 2021.

Memorandum of Understanding

CAAST-NAU, Navsari has inked a MoU for training and research purposes on February 26, 2021 with a private player of national repute Crafts Melon, Mysuru, Karnataka- a leading manufacturer and supplier of cocktail tables, designer wardrobes, visitor sofa *etc.* Under this MoU, PG students would be trained on various aspects of stylish wooden art forms and decorates.

VISIT OF DIGNITARIES



Hon'ble Vice Chancellor, Dr. Z. P. Patel visited Agricultural Research Station, Mangrol on January 02, 2021 and emphasized on the selection of suitable crops at different locations of the farm.



Hon'ble Vice Chancellor visited Cotton Research Sub-Station, Achhalia on January 02, 2021 and suggested to test the feasibility of tuber crops and pomegranate as well as to plan futuristic research works in this direction.



Hon'ble Vice Chancellor, Dr. Z.P. Patel visited NARP, College of Agriculture, NAU Bharuch campus on January 04, 2021. Dr. K.G. Patel, Principal & Dean stated about various research programmes and farm development activities of the college. Hon'ble Vice Chancellor also visited RCRS and Polytechnic in Agriculture along with Dr. J.G. Patel, Hon'ble member of BoM, NAU, Navsari.



Hon'ble Vice-chancellor visited Department of Plant Protection at ACHF on January 08, 2021 and appreciated the efforts of the department for creating awareness on fruit fly trap among farmers.



Hon'ble Vice Chancellor visited Biofertilizers & Biopesticides Production Unit of the Department of Plant Pathology, NMCA on January 11, 2021 and emphasized to work on different physiological and molecular aspects of diseases.



Hon'ble Vice Chancellor along with Dr. V.R. Naik (ADR) and Dr. R.M. Naik (DSW) visited Fruit Research Station, Gandevi on January 12, 2021 and reviewed the research activities of ICAR-AICRP (Fruits).



Hon'ble Vice Chancellor, Dr. Z. P. Patel and Group Commander of Baroda Gp. Brigadier, D. S. Rawat in a courtesy meet on January 12, 2021 discussing NCC activities of the University. The Commanding Officer of 9 Naval Unit Lieutenant Commander, Vishal Nair and Adm. Officer of 20 Gujarat Battalion Colonel, Nagendra Pillai accompanied the Gp. Cdr. Captain Ghanshyam Savani, Lieutenant (Dr.) Aadil Kazi and Sub Lieutenant (Dr.) Surendrasinh Gohil, the University NCC Officers briefed about the achievements of NCC in various nation building activities and future plans of action.



Hon'ble Vice Chancellor, Dr. Z. P. Patel and ADR, Dr. V. R. Naik visited Coastal Soil Salinity Research Station, Danti, Umbharat on January 15, 2021 and urged to explore the potentialities of coastal agriculture for the benefits of farming community.



Hon'ble Vice Chancellor reviewed the experimental trials, wheat crossing program and seed production plots during his visit to Wheat Research Station, Bardoli on January 27, 2021 and emphasized on strengthening of farm infrastructure and research facilities.



Hon'ble Vice Chancellor, Dr. Z. P. Patel visited Niger Research Station, Vanarasi along with Dr. C. K. Timbadia, DEE, NAU on January 30, 2021 and appreciated the research efforts carried out by the station and shared his visionary guidelines towards the future thrust areas.



Hon'ble Vice chancellor, Dr. Z. P. Patel and Principal & Dean, ACHF, Dr. P. K. Shrivastava visited Organic Farm on February 03, 2021. Hon'ble Vice chancellor appreciated the efforts of team of Organic Farming Cell towards promoting organic farming in the region and suggested eco-friendly practices for efficient management of pests in mango orchards of the farm.



Hon'ble Vice Chancellor along with DEE, NAU visited College of Agricultural Engineering & Technology as well as Polytechnic Agricultural Engineering, Dediapada on March 09, 2021 and emphasized on the improvement of infrastructure and teaching facilities.



Ms. Prashasti Pareek (IAS), DDO Navsari visited KVK, Navsari on January 06, 2021 to review various developmental activities of the centre.



Dr. R. R. Acharya, Research Scientist, MVRS, AAU, Anand visited Vegetable Research Farm, RHRS, NAU, Navsari on January 19, 2021 as a part of monitoring process.



BARC scientists visited Main Sugarcane Research Station, NAU, Navsari on January 20, 2021.



Dr. Lakhan Singh, Director ICAR-ATARI, Pune visited the Mushroom and Green gram demonstration units at KVK, Dediypada on March 09, 2021.



Monitoring of wheat breeder seed production program at WRS, Bardoli by wheat scientists, SDAU, MWRS, Vijapur on February 10, 2021.



The Project Administrator, Sh. Vijay Patel visited Gangama Terrace and Nutritional Kitchen Garden at KVK, Tapi on March 17, 2021.





CELEBRATIONS

Technology Week Celebration

S.N.	Date	Activity	Place	Participants
1.	04.01.2021	Seminar cum Training on Scientific Cultivation of Cereal & Horticulture Crops	Bandhpada, Mahal	74 (39M + 35F)
2.	05.01.2021	Training cum Exhibition	Shavarada Kasad, Dhongiamba	73 (35M + 38F)
3.	06.01.2021	<i>Kishan Gosthies</i>	Motidabdar	81 (68M + 13F)
4.	07.01.2021	Exhibition, Lectures, Method Demonstration, TV & Film Shows, Nursery Management	Gaurya	30 (19M + 11F)
5.	08.01.2021	Exhibition, Lectures on Nursery management, Farmers-Scientists Interaction	Padalkhadi	62 (47M + 15F)



Technology Week Celebration by KVKs of NAU

Hon'ble Vice-chancellor inaugurated staff cricket tournament of Navsari Agricultural University on January 22, 2021 held during January 22-25, 2021. The tournament involved the participation of 20 teams from various centres of the University.



Celebration of National Voters Day



National Voters Day was celebrated on January 25, 2021 at College of Agriculture, Waghai and CAET/PAE Dediapada Campus. The students from both the colleges took pledge virtually to uphold the democratic traditions of our country and the dignity of free, fair and peaceful elections and to vote in every election fearlessly and without being influenced by considerations of religion, race, caste, community, language or any inducement.



Republic Day Celebration



NAU, Navsari celebrated 72th Republic Day on January 26, 2021 at University ground. Hon'ble Vice Chancellor, Dr. Z. P. Patel hoisted the Indian Tricolour at 9.00 am and addressed students and University staff.

Celebration of Gladiolus and Chrysanthemum Day



AICRP on Floriculture, ACHF and KVK, Navsari jointly celebrated Gladiolus and Chrysanthemum Day under the chairmanship of Dr. S.R. Chaudhary, Director of Research, NAU, Navsari and in the presence of Dr. C.K. Timbadia, DEE and Dr. P.K. Shrivastava, Principal & Dean, ACHF, Dr. S.L. Chawla, Project Incharge on January 27, 2021 at Floriculture farm. Two extension folders on gladiolus and chrysanthemum cultivation were also released during the celebration.

Celebration of Martyrs' Day/*Shaheed Diwas*



The College of Agriculture, NAU, Campus Bharuch, NARP and Cotton Regional Research Centre celebrated Martyrs' Day or *Shaheed Diwas* on January 30, 2021.



16th Annual Convocation

The 16th Annual Convocation of Navsari Agricultural University was held on February 09, 2021 during which 690 students (461 graduates, 178 M.Sc. and 51 Ph.D.) of NAU and 1 student from GAU (total 691 students) were awarded the degrees.



The start of procession for 16th Annual Convocation of NAU held on February 09, 2021



Inauguration of 16th Annual Convocation by Hon'ble Chancellor Shri Acharya Devvrat



Felicitatation of Hon'ble Chancellor Shri Acharya Devvrat, President of Annual Covocation by Hon'ble Vice Chancellor, Dr. Z. P. Patel



Release of 'Placement Brochure 2021' by Hon'ble Chancellor Shri Acharya Devvrat, Hon'ble Vice Chancellor, Dr. Z. P. Patel and Dr. H. V. Pandya during 16th Annual Convocation

Awareness Programme on Organic farming



Hon'ble Vice-Chancellor felicitated five farm women from Milk Cooperative Society of Kesali and other three farm women for their achievement in small scale agri-entrepreneurship during *Krishi Shibir* organized by KVK, NAU, Navsari in association with *Kesali Kelavani Mandali* at Kesali village on March 06, 2021.



Celebration of International Women's Day 2021

KVKs of NAU, Navsari celebrated the IWD 2021 on March 08, 2021 under a theme 'Women Leadership in Agriculture: Entrepreneurship, Equity and Empowerment'. Expert talks on gender equality, role of women in organic farming were arranged in addition to several other activities like nutritive recipe competition, nutrition quiz, breast cancer awareness, blood sugar checkup, progressive women felicitation, price and certificates distribution *etc.* More than 634 farm women participated actively in the programme at different places of South Gujarat.



Hon'ble Vice-Chancellor addressing during IWD 2021 at KVK, Navsari on March 08, 2021



Ms. Sarita Gayakwad, Asian Games Gold Medal Champion (2018) inaugurating IWD 2021 at CoA, Waghai on March 08, 2021



Hon'ble Vice Chancellor, Dr. Z. P. Patel presided over the "Cancer Awareness Programme" in the gracious presence of Dr. Harshaben Patel, Principal, J. P. Pardiwala Arts & Commerce College, Killa Pardi and other dignitaries- Dr. Sandhya Chaudhary; Dr. Ruchira Shukla; Dr. Alka Singh; Dr. SonalTripathi; Dr. R. M. Naik; Dr. Ankita Patel, Nirali Cancer Hospital, Navsari as well as staff members of the University. The programme was organized by the University in collaboration with Nirali Cancer Hospital, Navsari to cognizance about cancer on the eve of IWD 2021.

Celebration of World Water Day



KVKs of NAU, Navsari celebrated the 'World Water Day' on March 22, 2021 in the auspicious presence of Hon'ble Vice Chancellor, Dr. Z. P. Patel; Padmashri Shri Mathurbhai Sawani and other dignitaries under the theme 'VALUING the WATER'. Total 253 participants including farmers, farm women and extension officers remained present at different places.

CERTIFICATE COURSES

Certificate Course on INM for Fertilizer Dealers



15 days Certificate Course on Integrated Nutrient Management for 25 fertilizer dealers was organized at NAU, Navsari during February 15 to March 01, 2021

Certificate Course of Baking



The School of Baking, NAU, Navsari successfully completed 66th batch of "Certificate Course of Baking" and trained 15 participants from South Gujarat. An exposure visits to Bread Liner, South Gujarat's largest bakery chain in Surat was also arranged on March 12, 2021

Certificate Course in Nature and Wildlife Photography



Hon'ble Vice Chancellor inaugurated eighth passing out exhibition organized under Certificate Course in Nature and Wildlife Photography during March 20-21, 2021. The Certificate Conferment Ceremony was organized on March 22, 2021. 17 students were awarded the course completion certificate and Mr. Himanshu Mahyavashi was awarded with Gold Medal. Mr. Killol Chaudhari and Mr. Ankur Chaudhari were awarded with silver and bronze medals.

MEETINGS ORGANIZED

XIII Meeting of Agricultural Research Council

The XIII Meeting of Agricultural Research Council, NAU, Navsari was held virtually on January 01, 2021 under the chairmanship of Dr. Z. P. Patel, Hon'ble Vice-Chancellor, NAU, Navsari. Dr. S.R. Chaudhary, Director of Research and Dean PG Studies, NAU, Navsari addressed the Council about the achievements of NAU with respect to research and tabled the agenda of the meeting. The Research Council recommended the Board of Management-NAU to accord *post-facto* approval for 22 MoUs signed by NAU with various institutes/private companies/NGOs.

ATMA Convergence Quarterly Meeting



The Directorate of Extension Education convened the 29th ATMA Convergence quarterly meeting on January 13, 2021 under the chairmanship of Hon'ble Vice-Chancellor of NAU for facilitating an interface between KVKs, PDs (ATMA), DAOs and Scientists of NAU.



Plan Review Meeting

The planning cell of the University evaluated and monitored physical and financial progress of the Development Charges Schemes during third and fourth Review Meeting held on January 05-06, 2021 and March 05-06, 2021, respectively.

An Interactive Meet with BAPS Team on IPDC



Hon'ble Vice Chancellor, Dr. Z. P. Patel chaired the interactive meet on thought provoking discourse "Integrated Personality Development Course (IPDC)" held with three eminent saints BAPS *Swaminarayan Sansthan*— Shri Gyanvijay Swamiji, Shri Purnakam Swamiji and Shri Brahma Chintan Swamiji- BAPS Team *Swaminirayan Sansthan*, Sarangpur on February 17, 2021 to discuss the feasibility of introducing this course for University students. The DR & Dean-PGS, Registrar, DEE, DSW and the Deans & Principals of constituent colleges of the University were also there during the session.

EXTENSION ACTIVITIES

Agricultural Exhibition



Dr. Z.P. Patel, Hon'ble Vice Chancellor along with Dr. C.K. Timbadia, DEE graced the occasion of Vendor Council, Agricultural Exhibition and Farmers–Scientists Interaction organized by KVK, Waghai in collaboration with KRIBHCO on January 30, 2021.

Farmers-Scientists Interaction & National Horticulture Fair 2021



Farmers-Scientists interaction & live virtual telecast of National Horticulture Fair 2021 was organized on February 02, 2021 at Kesali village under ICAR-AICRP (Fruits) in the gracious presence of Dr. C. K. Timbadia, DEE, NAU, Navsari.



Farmers' Trainings on Biofortification



Hon'ble Vice Chancellor inaugurated Farmers' Trainings on biofortification organized by the Department of Agronomy, NMCA, NAU, Navsari on February 05, March 10 & 12, 2021.



Farmers exposure to On-campus demonstrations during training on Biofortification at KVK, Navsari on February 05, 2021.



Farmers-Scientists interaction during training on Biofortification at KVK, Vyara on March 12, 2021.

Agriculture Fair (Krishi Mela)



Hon'ble Vice Chancellor inaugurated the *Krishi Mela* on March 09, 2021 in the benign presence of Dr. Lakhan Singh, Director, ICAR-ATARI, Pune; Shri Motising Vasava, Ex-MLA and Dr. Vinod Kumar, Principal Scientist, ICAR-CPRI, Shimla. The *Krishi Mela* was jointly organized by KVK, NAU, Dediapada and ICAR-CPRI, Shimla for tribal farmers during March 09-10, 2021 under Tribal Sub Plan. Various agricultural activities and commodities were displayed in 40 stalls and more than 800 tribal farmers and farm women of the area get benefitted regarding innovative farm technologies in the *Krishi Mela*.



Farmer Awareness Programme under the *Gramin Krishi Mausam Seva*



Department of Agronomy, College of Agriculture, Bharuch conducted Farmer Awareness Programme under the project *Gramin Krishi Mausam Seva* at Katpor Village on March 18, 2021. Dr. Shailesh Mali, Sugarcane Scientist and Dr. Mahesh Patel, Vegetable Scientist delivered expert talk. Seven publications from Meteorological Cell, Department of Agronomy were also released for farmers and around 150 farmers get benefited.

Vichar Vimarsh: Phoolo ki kheti on DD Kisan

Dr. Alka Singh, Professor and Head, Department of Floriculture & Landscape Architecture, ACHF, presented her views on Flower Cultivation Prospects in Gujarat state, which was telecasted on January 01, 2021 in a program on DD Kisan- *Vichar Vimarsh: Phoolo Ki Kheti*



Sanitizer and Mask distributions by NSS Volunteers



Sensitizing people by NSS volunteers of Polytechnic in Horticulture, NAU, Paria on 20 March 2021 about COVID 19 pandemic by distributing sanitizers and masks

Vocational Training on Honeybee Rearing



KVK, Surat in collaboration with the Department of Horticulture, Surat organized vocational training on honeybee rearing from January 04 to 07, 2021 and followed by an exposure visit to Sahyadri Farm, Soldhara on January 10, 2021.

Training Programmes under AGRO ITI

Glimpses of Trainings under AGRO ITI



Biological control of crop pests during January 06-13, 2021



Bonsai & Flower Arrangement during February 02-05, 2021



Pashupalan during March 08-20, 2021

Vocational training on Nursery Management of Horticultural Crops



KVK, Surat imparted training on Advances in Plug Tray Nursery during January 11-13, 2021



KVK, Surat trained farmers on Value Addition In Agricultural Produce during January 11-13, 2021



PHTC, NAU organized training on ISO 22000:2018 and ISO 9001:2015 during January 12-13, 2021

Training on Bee keeping



Hon'ble Vice-Chancellor inaugurated two training programmes on 'Beekeeping' organized under NAHEP-CAAST sub-project in association with Department of Horticulture, Navsari during January 21-22 and March 17-18, 2021. Two batches of about 60 and 22 farmers were trained on various technical aspects of bee keeping.

Vocational Training on Goat Rearing



KVK, NAU, Dediapada organized 7 vocational training programmes benefiting 169 farmers and farm women on different skills related to goat rearing and entrepreneurship development.

Vocational Trainings by KVK, Dangs



Off campus vocational training on Azolla Cultivation organized on January 02, 2021



On campus vocational training on Scientific Poultry Farming organized during February 15-21, 2021



On campus vocational training on Preparation of *Panchgavya* and *Jeevamrut* organized during March 12-17, 2021

Skill Development Training on Tailoring



Tribal Women Training Centre, KVK, Dediapada organized 2 months training programme on tailoring from February 16 to April 16, 2021 at Nani Singloti. Hon'ble Vice-Chancellor presented certificates to the participants and motivated them to use the acquired skills in commercial way. Total 24 farm women benefited from the training.

Vocational training on Value addition of Fruits and Vegetables



KVK, NAU, Navsari organized vocational training on Value Addition of Fruits and Vegetables at Hansapore during February 18-20, 2021. Total 29 farm women from Abrama and Hansapore villages were given hand-on-training for the preparation of products like tomato ketchup, strawberry jam and squash.

Training under Farmer FIRST Programme



The Directorate of Extension Education, NAU organized training on 'Ensuring Livelihood Security for Small and Marginal Farmers of South Gujarat' under Farmer FIRST Project (FFP) on February 02, 2021. Fruit fly traps were also distributed to the participants in the presence of Dr. C. K. Timbadia, DEE, NAU, Navsari.

Students Training Programme under RAWE



Ten students of Rai University, Ahmedabad were trained by KVK, Surat during March 03-18, 2021 on various scientific aspects of cotton, sorghum, farm machinery and mushroom.



Trainings by Main Sugarcane Research Station, NAU, Navsari under TSP



Sugarcane Varieties & their Production Technology at Kakadva, Dolvan, Tapi on March 16, 2021



Sugarcane Production Technology at Vankal, Mangrol, Surat on March 20, 2021



Sugarcane Seed Production Technology at NAU, Navsari on March 24, 2021

Training Programme on Scientific Beekeeping



KVK, Vyara-Tapi organized 07 days training programme on "Scientific Beekeeping" during March 17-24, 2021 under the National Beekeeping and Honey Mission (NBHM). An exposure visit was also arranged at Waghai, Soladhara, Fanasvada and Surat.

Training on Food Safety and Organic Farming



Hon'ble, Vice-Chancellor inaugurated one day farmers training programme on "Food Safety and Organic Farming" organized on March 16, 2021 under the aegis of NAHEP-CAAST sub-project. Dr. T. R. Ahlawat, PI & Nodal officer, NAHEP- CAAST & ADR (Hort.), Dr. V. R. Naik, ADR (Agri.), Dr. K. G. Patel, Professor & Head, Dept. of Soil Sci. & Agril. Chem., and Dr. Susheel Singh, FQTL were also present on the occasion.

Training on Collection, Storage and Marketing of Mahua Resources

In the presidential address, Hon'ble Vice Chancellor emphasized on Mahua conservation and its utilization for the livelihood of the tribal people in a training programme on "Collection, Storage and Marketing of Mahua Resources" organized under the NAHEP-CAAST sub-project on March 18, 2021.





Farmers Training cum *Shibir* Programme under TSP Project



Agriculture Experimental Station, NAU, Paria organized Farmers training cum *Shibir* under AICRP on Cashew on March 20, 2021 at Karjan village. Dr. C. K. Timbadia, DEE, NAU, Navsari emphasized on soil and water conservation practices in cashew during his presidential speech.

Skill Development Training on Preparation of Wooden Decorates



A Skill Development Training Programme on Preparation of Wooden Decorates was organized on March 20, 2021 at College of Agriculture, Waghai campus a part of Capacity Building activity in the NAHEP-CAAST sub-project. About 48 artisans from Ambapada village of Waghai district got benefited from the training.

Farmers Training Programme on Mango under SCSP Project



Agriculture Experimental Station, NAU, Paria organized a Farmers' training programme under Schedule Cast Sub Plan (SCSP) of AICRP on Fruits-Mango at village Mota-Fonda on March 21, 2020. Total 68 farmers and farm women actively participated in the training.

Farmer Training Programme on Dairy Farm Vayavsthapanma Adhunikaran



Hon'ble Vice Chancellor inaugurated farmers' training programme on *Dairy Farm Vayavsthapanma Adhunikaran* organized under NAHEP-CAAST sub-project during March 22 to 24, 2021. The book entitled *Dairy Farm Vayavsthapanma Adhunikaran* highlighting various aspects of Scientific Dairy Farming was released by the dignitaries. The training programme comprised of 9 lectures and one exposure visit of 42 farmers (40 women & 2 men) to Shree Surat Panjarapole Farm, Bhestan.

Exposure visit to Indus Tissue Technologies at Vanzanna



An exposure visit of UG & PG students of NMCA to Indus Tissue Technologies, Vanzanna, Chikhli was made on February 20, 2021 to foster the spirit of entrepreneurship among students in the field of micropropagation.

Visit to *Gaushalas* of Saurashtra and Kutch regions



Dr. N. B. Patel, Head, LRS, Dr. Durgga Rani V. and 2 SRFs visited *Gaushalas* of Saurashtra and Kutch regions during the period during March 02-06, 2021 to explore the possibilities of production of value added products from the by-products of *Gaushalas*.

Exploration Visits



A short visit was made by Dr. Dileshwar Nayak along with one SRF to SDMC and GIDM at Gandhinagar on March 03, 2021 to explore the possibilities of future training & research as well as exposure to disaster risk reductions opportunities.



A short visit to Waghai, Dangs on March 10, 2021 by the Scientists of CoF, Navsari, Dr. R. P. Gunaga and Dr. M. S. Sankanur, intended to study Kotwalia tribe's bamboo work and identified potential artisans for the training at NAU.



An exposure visit by the Dr. R.S. Chauhan and Dr. H.T. Hegde, the Scientists of CoF, Navsari to Adi Aushadhi Group, a Dediapada based NGO on March 12, 2020 to get acquainted with herbal medicines and herbal edible products of the organization.

Farmers Visit at NAU Campus



Total 960 farmers from the states of Gujarat, Maharashtra and Rajasthan visited NAU Navsari campus to learn about new technologies developed and demonstrated on NAU farms during January to March, 2021.

Agricultural Educatorium (University Educational Museum)

A total of 553 persons including farmers, dignitaries, scientists, students *etc.* visited Agricultural Educatorium, NAU, Navsari and got basic knowledge and information related to agriculture and allied subjects through various display media *viz.*, storytelling boards, kiosks, press button boards, diorama, murals, show cases, models, specimens *etc.*



Adaptive Trials on University Technologies

Total 1116 adaptive trials were conducted on the farmer's fields through five KVKs in South Gujarat on NAU varieties of green gram, sesame, sugarcane, fodder sorghum and turmeric. The trials on ICM in drumstick, INM in cluster bean, INM + IPDM in sesame and green gram, IPM in mango, novel organic liquid fertilizers in smooth gourd and mango, pheromone trap in mango *etc.* were also conducted.





Field Days on Chickpea (GG-5) and Indian Bean



KVK, NAU, Navsari conducted Cluster Front Line Demonstrations on chickpea variety GG-5 sponsored by IARI, New Delhi under NFSM in 200 farmers' fields covering 20 ha. The training on scientific cultivation of chickpea was also conducted. Five Field days at various villages covering more than 300 farmers were organized to popularize the technologies among the farming community.

Tribal Women Training Centre, KVK Dediapada organized a field day on Indian bean technologies demonstrated at farmers' field. The interactive session was also arranged between farmers and scientists to update scientific informations.



FACULTY ACHIEVEMENTS

- ❖ Dr. Mehul G. Thakkar, Associate Professor in HRM and University Placement & Counselling Head has been recognized as "Certified National Level Trainer" by the Mgt. & Entrepreneurship and Professional Skills Council (MEPSC), NSDC, Ministry of Skill Development & Entrepreneurship, GoI on March 12, 2021.
- ❖ Dr. Mehul G. Thakkar, Associate Professor in HRM and University Placement & Counselling Head has been selected as the one and only proud recipient of the most coveted "National Fellowship 2020 by the Indian Society for Training & Development (ISTD), New Delhi on December 02, 2020.
- ❖ Dr. Mehul G. Thakkar, Associate Professor in HRM and University Placement & Counselling Head has been conferred the very prestigious "Achiever Award 2020" at the National Level by the Society for Advancement of Human and Nature (SADHNA), Dr. Y.S. Parmar UHF, Nauni, Solan (HP) on February, 28 2021 in recognition of outstanding contribution to the society especially in the field of farming/agriculture.
- ❖ Mr. Harshadkumar Amrutbhai Prajapati, KVK, NAU, Dangs received Best Horticulturist Award from Agriculture Technology Development Society (ATDS), Ghaziabad, Uttar Pradesh, India during February 26-28, 2021.
- ❖ Dr. Pratik P. Javiya, KVK, NAU, Dangs received Young Agronomist Award 2020 from Agriculture Technology Development Society (ATDS), Ghaziabad, Uttar Pradesh, India during February 26-28, 2021.
- ❖ Dr. Tusharkumar Umedbhai Patel, Assistant Professor (Agronomy), College of Agriculture, NAU, Campus Bharuch was conferred the Best Teacher Award in Higher Agricultural Education 2020 on the prestigious occasion of 16th Annual Convocation of NAU.
- ❖ Dr. D. A. Chauhan, Associate Research Scientist, Nodal Officer & Unit Head, Pulses and Castor Research Station, NAU, Navsari was conferred the Best Researcher Award during 16th



Annual Convocation of NAU in recognition of his outstanding contributions and research achievements in the research field of agricultural and allied sciences.

- ❖ Dr. S. M. Bambhaneeya, Assistant Professor, Department of Soil Science & Agricultural Chemistry, CoA, NAU, Campus Bharuch received the Outstanding Research Paper Award from Novel Research Academy, Puducherry on February 20, 2021 for the paper "Depth function of stored and sequestered carbon under cotton growing soils of South Gujarat in India" published in International Journal of Global Warming.
- ❖ Dr. Devendrakumar Karsanbhai Patel, Agricultural Officer, Department of Agronomy, College of Agriculture, NAU, Makatmpur, Bharuch received Best Ph.D. Thesis Award on the occasion of 4th International Conference on "Current Approaches in Agriculture, Animal Husbandry and Allied Sector for successful entrepreneurship (CAAHASSE-2021)" held during March 13-15, 2021.



Dr. Tusharkumar Umedbhai Patel, Assistant Professor (Agronomy), CoA, Bharuch receiving 'Best Teacher Award' during 16th Annual Convocation of NAU



Dr. D.A. Chauhan, Associate Research Scientist, Pulses and Castor Research Station, NAU, Navsari receiving Best Researcher Award during 16th Annual Convocation of NAU

STUDENTS' ACHIEVEMENTS

- ❖ Ms. Yesha Bharucha of ASBI, Surat received Best Non-Verbal Communication Award in Hindi Section during 14th National Inter-University Debate Competition held from January 14-15, 2021 at G. B. Pant University of Agriculture & Technology, Pantnagar.
- ❖ Mr. Dhaval Nandkishorbhai Naghera, a student of B.Sc. Forestry, College of Forestry, NAU was recorded in India Book of Records on January 25, 2021 for touching the nose with the tongue for the longest duration.
- ❖ Mr. Shah Smit Bhartiben received ASPEE Foundation Gold Plated Silver Medal for best PG student of M.Sc. Horticulture (Vegetable Science) during 16th Annual Convocation held on February 09, 2021.
- ❖ Mr. Ganta Koteswara Rao received ASPEE Foundation Gold Plated Silver Medal (Ph.D.) award during 16th Annual Convocation held on February 09, 2021.
- ❖ Mr. Raghavendra H. R. received Kalpatharu Gold Plated Silver Medal for the best research on banana pseudostem and academic excellence during 16th Annual Convocation held on February 09, 2021.
- ❖ Mr. Panchani Nishad P. awarded with the Vice Chancellor's Gold Medal on the basis of OGPA and performance in extra-curricular activities for B. Tech (Agricultural Engineering) during 16th Annual Convocation held on February 09, 2021.



- ❖ Mr. Dhaduk Mayank Hitendrabhai received Gold Plated Silver Medal for highest OGPA in the subjects of Agril. Economics and Extension Education in B.Sc. (Hons.) Agriculture during 16th Annual Convocation held on February 09, 2021.

SUPERANNUATION/RETIREMENT

S.N.	Name	Designation	Retired on	Retired from	
1.	Dr. M. K Arvadia	Principal	31.03.2021	N. M. College of Agriculture	

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