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[newsletter@jau.in](mailto:newsletter@jau.in)**From Vice Chancellor's Desk****Opportunities in Agricultural Start-ups**

The farmers are facing a lot of challenges to sustain their livelihood through farming. Malpractices in the unorganized agricultural markets and the absence of organized marketing systems for production are becoming a major concern for Indian farmers. Moreover, they have to deal with poor transportation and storage services and much more. They have limited access to superior technology to get timely information and agricultural solutions which leaves them vulnerable and all by themselves.

Agritech start-ups have the potential to address these challenges from the very beginning, and subsequently change the face of Indian agriculture. They are the knights in shining armour for Indian farmers. The Government of India has been dynamically making policies to improve farmers' lives in India. In fact, the government has promised its citizens to double the incomes of farmers by the end of 2022. The Agritech sector is a fast-growing sector with great potential to benefit Indian agriculture and eventually raise farmers' incomes. Currently, India has 450 Agritech startups and is reported to grow by 25% every year by NASSCOM. A wave of Agritech startups has emerged in the last few years in India. In India Agritech sector has come a long way with 43 startups in 2013 to more than 1000 startups in 2020, driven by rising in rural internet penetration, a rise in post-harvest and supply chain losses, a growing number of investors interest in the sector, etc. They are now able to solve agricultural problems such as the use of outdated equipment, supply chain management, lack of proper infrastructure, and farmers unable to access a wider range of markets with ease.

Recently on 28<sup>th</sup> March 2022, a One day programme on "Aatmanirbhar Bharat: Opportunities in Start-up and MSME" jointly organized by Incubation Centre on Precision Farm Mechanization, Department of Farm Machinery and Power Engineering, College of Agricultural Engineering and Technology and Student Start-up and Innovation Policy (SSIP) Cell, JAU in hybrid mode under NAHEP-IDP to boost entrepreneurship skill development of under graduate level students and encourage them to become Agripreneure. In this program broad spectrum of topics were covered like Indian MSME, opportunities and support, Agripreneurship in Hi-Tech Farming, agricultural startups opportunities and challenges, MIIRAT case study, next generation agricultural technologies for Start-up, Human ventures for upliftment of Indian farming community and intellectual property rights and its awareness etc. Students from various universities participated and benefited through this programme, about 320 students physically remain present at university auditorium and 205 students joined virtually through YouTube live (Link: [https://www.youtube.com/watch?v=5\\_CZm9FyL0Y](https://www.youtube.com/watch?v=5_CZm9FyL0Y)).

The innovation mindset should be inculcated at an early stage of education to enable the students for solutions with a focus on solving real-world challenges in agriculture and unmet need of the nation. Students Start-up ecosystem should grow across the nation when collaboration is ensured among mentors, academia and industry. Thus, a conducive Start-up environment would further encourage students to transform their ideas into prototypes and leading to the creation of successful Start-up. Looking to this, the Govt. of Gujarat has launched the scheme "Student Startup & Innovation Policy (SSIP 2.0) for the year 2022-2027. Junagadh Agricultural University encourages the students for new ideas of research project/ Start-up/ innovations/ entrepreneurial skill development for success of their endeavor.





## Seventeenth Annual Convocation

In a beautiful morning of January 08, 2022, Junagadh Agricultural University had celebrated 17<sup>th</sup> Annual Convocation with an auspicious virtual presence of Hon'ble Governorshri of Gujarat and Hon'ble Chancellor of University, Shri Acharya Devvrat ji and Shri Raghavjibhai Patel, Hon'ble Minister of



Agriculture, Animal Husbandry & Cow-Breeding as Guest of Honour. Prof. (Dr) Virendra Kumar Tewari, Director, IIT, Kharagpur remained present as a Chief

Guest. The convocation program was started with the welcome address by Prof. (Dr) N. K. Gontia, Hon'ble Vice Chancellor, JAU. He presented the glimpses of academic, research and extension activities and achievements of JAU for the year 2020-21.

Prof. (Dr) Virendra Kumar Tewari, Director, IIT Kharagpur and Chief Guest of the function delivered convocation address. During his address, he ignited

the minds of the scientists, teachers and students of JAU in taking Indian agriculture to a new horizon. He advised the graduates to apply their



knowledge into action and bring more accuracy and perfection in given task which ultimately bring joy and happiness in Indian farming community.

Shri Raghavjibhai Patel, Hon'ble Minister of Agriculture, Animal Husbandry & Cow-Breeding addressed the students and inspired to apply their knowledge and learning for the betterment of farming community.



Shri Acharya Devvrat ji, Hon'ble Governorshri of Gujarat and Hon'ble Chancellor of the University conferred degree to Graduates and Post Graduates of various faculties of Junagadh Agricultural University.



The Chancellor congratulated and also appreciated students for their academic excellence and advised them to shift on natural farming to serve the farming community in a better and healthy way.



A total of 59 Gold Medals/Gold Plated Silver Medals including 3 Chancellor's Gold Medals; 3 Vice Chancellor's Gold Medals; 52 Donors' Gold Plated Silver Medals and one cash prize were awarded to 19 graduates and post graduates of different faculties for their brilliant academic performance.

On this academic occasion, Best Teacher Awards were also given to Dr. N. B. Jadav in Agriculture Faculty; Dr. P. R. Davara in Agricultural Engineering & Technology Faculty and Dr. Kalpesh Kumar in Agri-Business Management Faculty for the academic year 2020-21.



Dr. K. C. Patel, I/c Registrar, proposed the vote of thanks to all the dignitaries, invited guests and students. He also expressed the deep sense of gratitude to all the concerned for making the event success.

## Inauguration of Kasturba Girls Hostel Building

Kasturba Girls Hostel Building at College of Agriculture, JAU, Khapat (Porbandar) was inaugurated by Shri Raghavjibhai Patel, Hon'ble Minister of Agriculture, Animal Husbandry & Cow-Breeding, Government of Gujarat on February 26,



2022 in the auspicious presence of Shri Babubhai Bokhiria, former Minister of Agriculture and Farmers' Welfare, GoG and MLA, Porbandar; Shri Rameshbhai Dhaduk, Member of Parliament, Porbandar; Prof. (Dr) N. K. Gontia, Hon'ble Vice Chancellor, JAU Shri A. M. Sharma (IAS), Collector & DM, Porbandar; Mr. V. K. Advani (IAS), District Development Officer, Porbandar; Dr. H. M. Gajipara, DEE and Dr. D. R. Mehta, DR, JAU, Junagadh.



Moreover, President, Taluka Panchayat, Porbandar and Kutiyana as well as Chairman of various committee of District Panchayat were also remained present. The newly constructed building with total financial outlay of ₹ 590 lakh which is having amenities like 72 Rooms, Dining Hall, Reading Room, Recreation Hall, Gymnasium etc. Along with the inauguration of the building one *Kishan Goshthi* Programme was also organized. A total of 132 participants joined the programme.

### Expansion of Kasturba Girls Hostel Building, Junagadh and Inauguration of Girls Gymnasium

The existing Kasturba Girls Hostel building at Junagadh was expanded with additional 32 rooms with total outlay of ₹ 393 lakh with facilities like reading room, recreation room, etc. and Girls Gymnasium equipped with all modern facilities. Both the buildings were inaugurated virtually by Hon'ble Governor Shri of Gujarat and Hon'ble Chancellor of University, Shri Acharya Devvrat ji in auspicious presence of Shri Raghavjibhai Patel, Hon'ble Minister of Agriculture, Animal Husbandry & Cow-Breeding, Government of Gujarat in the presence of Chief Guest Prof. (Dr) Virendra Kumar Tiwari, Director, IIT, Kharagpur (West Bengal) and Prof. (Dr) N. K. Gontia, Hon'ble Vice-Chancellor, JAU on January 08, 2022.

### Inauguration of Center of Remote Sensing and Geoinformatics in Agriculture and Department of Irrigation and Drainage Engineering

The building of Center of Remote Sensing and Geoinformatics in Agriculture at CAET, JAU, Junagadh was constructed having 10 faculty rooms, 3-Laboratories, 1-Classroom, and other facilities with total outlay of ₹ 159 lakh. The Department of Irrigation and Drainage Engineering and Center of

Remote Sensing and Geoinformatics in Agriculture were inaugurated virtually by Shri Raghavjibhai Patel, Hon'ble Minister of Agriculture, Animal Husbandry & Cow-Breeding, Government of Gujarat through Virtual Digital Platform in the presence of Chief Guest Prof. (Dr) Virendra Kumar Tiwari, Director, IIT, Kharagpur (West Bengal) and Prof. (Dr) N. K. Gontia, Hon'ble Vice-Chancellor, JAU on January 08, 2022.



### Vocational Trainings under NAHEP-IDP

#### Training on Agricultural Spraying Drones

Incubation Centre on Precision Farm Mechanization, Department of Farm Machinery and Power Engineering, College of Agricultural Engineering and Technology under the aegis of NAHEP-IDP organized Five Days Hands-on Vocational Training Programme on "Agricultural Spraying Drones" from February 28 to March 05, 2022 for B. Tech. (Agril. Engg.) students.



The purpose of the training was to impart knowledge to the students about assembling, calibration and operation of crop spraying drones so that students can get expertise on various applications of crop spraying drones. During the programme, different topics were covered like introduction of pesticide spraying by drones, introduction to different components, type of drones, working principle, signal and power flow in drone, different calibrations, troubleshooting & error rectification, drone maintenance, emergency identification and handling etc. A total of 58 number of students actively participated in this training programme and got benefited.



### Training on Recent Advances in Seed Production Technologies in Field Crops

Five days online Vocational training programme on “Recent Advances in Seed Production Technologies in Field Crops” was conducted by IDP Cell, College of Agriculture, Junagadh during February 7-11, 2022 under the aegis NAHEP-IDP. The training aims to provide the exposure to the students pertaining to the basic and recent advances in seed production techniques in various field crops along with the activities carried out by Gujarat State Seed Corporation, Gujarat State Seed Certification Agency and private companies in the area of seed production. Through the training, student got acquaintance with the procedure of registration of Trademark for seed distribution. Total 50 students participated in the programme.



### Training on Mushroom Production Technology: A step Towards Entrepreneurship Development

Five days Vocational Training was organized by IDP Cell, College of Agriculture, Junagadh for B.Sc. (Hons.) Agriculture students on “Mushroom Production Technology: A Step towards Entrepreneurship Development” during March 7-11, 2022. Utilization of agriculture waste like; wheat straw, paddy straw in mushroom production is one of the best recycle tactics. Mushroom cultivation as a prominent biological process for the valorization of agricultural residues.



Mushroom production also serves as one of the best methods to create cost effective Entrepreneur and in this way, students get remarkable information about how agricultural wastes can be employed as substrate for the production of mushroom. All together 50 undergraduate students participated in the training.

### Training on Opportunities in Start-up

Training on *Atmanirbhar Bharat*: Opportunities in Start-up and Ministry of Micro, Small & Medium Enterprises was organized under NAHEP-IDP on

March 28, 2022 by Incubation Centre on Precision Farm Mechanization Dept. of FMPE, CAET and Student Start-up and Innovation Policy Cell, JAU. Prof. (Dr) N. K. Gontia, Hon'ble Vice Chancellor was the Chief Patron, Dr. R. C. Agrawal, DDG (Education) and National Director, NAHEP, ICAR was Chief Guest of the programme.



Dr. K. K. Goyal, Asst. Director, MSME, Government of India, New Delhi; Dr Ganesh Bora, Executive, USDA, USA and Mr. Pravin Sharma, founder MD, Flora Consult, Pune were the keynote speakers at the event.

### Campus to Corporate Training

Campus to Corporate Training under Institutional Development Plan was organized by Directorate of Students' Welfare, JAU, Junagadh for Students of College of Horticulture during March 2-3, 2022 and College of Agri. Engg. & Tech. during March 4-5, 2022. The training was conducted by Dr Mehul G. Thakkar, Associate Professor, HRM, ASPEE Agri-Business Management, NAU, Navsari.



These programmes were focused on Campus to Corporate and group activities for developing thoughts of creativity, motivation and related topics were included in the training. The inaugural programme was organized under the chairmanship of Prof. (Dr) N. K. Gontia, Hon'ble Vice Chancellor, JAU along with Dr. V. R. Malam, Director of Students' Welfare; Dr. P. Mohnot, Nodal Officer, ICAR and students of both the Colleges.

### Training on Entrepreneurship Development in Agro Tourism

The Directorate of Students' Welfare, JAU, Junagadh organized a training on "Entrepreneurship Development in Agro Tourism" on March 8, 2022 under Institutional Development Plan, NAHEP,



ICAR, New Delhi. Dr. V. R. Malalm welcomed the gatherings. Shri Prashant Sawai, Deputy Director, Directorate of Tourism, Nagpur (Maharashtra) remained present as keynote speaker. The famers who got success in agro-tourism shared their experiences. Shri Vinod Gontia, Chairman, MP Tourism Corporation remained present as Chief Guest. Prof. (Dr) N. K. Gontia, Hon'ble Vice Chancellor, JAU in his presidential address expressed that Agro Tourism is going to add new dimension in Indian agriculture in coming future.



### Placement of B. Tech (Agril. Engg.) Students

The College of Agricultural Engineering and Technology has arranged three placement programmes during the quarter for the benefit of final year B. Tech. (Agril. Engg.) student. Jain Irrigation Systems Limited, Jalgaon has recruited 18 students; Captain Tractor Pvt. Ltd., has recruited 9 students and Escorts Tractor, Bangalore has recruited 5 students. They offered the salary package in the range of ₹ 3.00 to 4.25 lakh to the selected students.

### Inter College /Polytechnic Sports Competition

Inter College Cricket, Chess and Inter Polytechnic Table Tennis, Kho-Kho and Volleyball Tournaments were organized by PGIABM and Directorate of Students' Welfare during March 4-6, 2022. It was inaugurated by Prof. (Dr) N. K. Gontia, Hon'ble Vice Chancellor, JAU. In this Programme, Dr K. Ramesh (IFS), Chief Conservator of Forest, Junagadh remained present as Chief Guest and shared his encouraging thoughts among the participants.



During the competition, Dr V. R. Malam, Director, Students' Welfare, Physical Instructors Prof. D. V. Bhut & Dr. N.V. Kanani and all the faculties motivated the participants and played a great role to make this event a successful one.

### Gujarat State Inter Agricultural University Tournament

Junagadh Agricultural University successfully organized Gujarat State Inter Agricultural University Volleyball, Basketball, Table Tennis and Badminton

Tournament on March 24, 2022. It was inaugurated by Prof. (Dr) N. K. Gontia, Hon'ble Vice Chancellor, JAU with the auspicious presence of Principal of all the Colleges of JAU. In this Programme Shri Ravi Teja Vasam Setty (IPS), Superintendent of Police, Junagadh remained present as Chief Guest and encouraged the participants. Dr. V. R. Malam,



Director, Students' Welfare; Prof. D. V. Bhut, Dr. N.V. Kanani, Physical Instructors, Shri V. V. Solanki, Agril. Officer, DSW office spared their service for making the tournament successful.

In this tournament, Junagadh Agricultural University won the trophy in Table Tennis; Sardar Krushinagar Dantiwada Agricultural University was winner in Badminton & Volleyball and Anand Agricultural University in Basketball.

### Inter College/Polytechnic Athletics Meet

Inter college and Polytechnic Athletics meet was organized jointly by the College of Horticulture, and Directorate of Students' Welfare, JAU, Junagadh during March



25-26, 2022. It was inaugurated by Shri Ravi Teja Vasam Setty (IPS), Superintendent of Police, Junagadh, under the Chairmanship of Prof. (Dr) N.

K. Gontia, Hon'ble Vice Chancellor, JAU. Dr. V. R. Malam, Director, Students' Welfare gave brief detail about the various games/ events to be played in this



competition and congratulated to all the participants for being a part of the competition. The degnitories encouraged the participants by their motivational speech.





The valedictory function was held on March 26, 2022 in the propitious presence of Prof. (Dr) N. K. Gontia, Hon'ble Vice Chancellor, JAU and Shri Dineshbhai Patel, Hon'ble Secretary, Govt. of Gujarat, Gandhinagar as Chief Guest. Shri Patel expressed his happiness and congratulated to all winners and participants. During this sports meet competitions, sports activities like; Race of 100 m, 200 m, 400 m, 800 m, 1500 m and 5000 m; High, Triple and Long Jump, Shot-put, Javelin and Disc throw were held for Colleges and Polytechnics. Boys and Girls team of College of Agri. Engg. & Tech., Junagadh won the all-over Championship of all competition, while, Polytechnic in Agriculture, Halvad won the all-over Championship of all competition. The winner students were awarded with certificates and trophies by the dignitaries.

### National Service Scheme Special Camp

NSS special camps were organized by College of Agriculture, College of Agri. Engg. & Tech., College of Horticulture Polytechnic in Horticulture Polytechnic in Agro-Processing, Polytechnic in Agriculture, Sidsar & Dhari; Polytechnic in Agri. Engg., Targhadiya at adopted villages. During the camp different activities like; awareness programme on COVID-19 vaccination, Water conservation, Environment conservation, Tree Plantation, awareness on Organic Farming, Natural farming, different activities on Fit India Movement under *Azadi ka Amrut Mahotsav* were carried out by NSS volunteers.

### Basic Rock-climbing Camp

Ten days Basic Rock-climbing Camp of mountaineering was organized during January 7-17, 2022 in which hundred students from various Colleges of Junagadh Agricultural University, participated at Pandit Dindyal Upadhyay Mountaineering Center, Junagadh.



In this camp, students learned the climbing, monkey climbing, traversing, river crossing and techniques of rappelling. Prof. (Dr) N. K. Gontia, Hon'ble Vice Chancellor and Dr. V. R. Malam, Director, Students' Welfare, JAU visited this camp during the valedictory programme and reinvigorated the students.

### Inter College Cultural Competition

Inter college Cultural Competition was organized by College of Agri. Engg. & Tech., JAU, Junagadh on March 2, 2022. The programme was inaugurated by Prof. (Dr) N. K. Gontia, Hon'ble Vice Chancellor, JAU. In this Programme Shri Amudanbhai Gadhavi, *Lok Sahityakar*, Junagadh remained present as the Chief Guest and boost the participants with his inspiring thoughts. In this competition, five team had participated in various events like; Drama, Folk Dance, Mime, Mono acting, etc.



College of Agri. Engg. & Tech., Junagadh secured the first position in Drama; College of Agriculture, Junagadh secured first position in Folk dance; College of Agriculture, Khapat Secured First Position in Mime. Ms. Trada Naitri, a student of College of Agriculture, Junagadh Secured First Position in Mono Acting.

### Essay Competition

The Polytechnic in Agro-Processing organized "*Essay competition*" under the celebration of Good Governance week and '*Azadi ka Yuva Sanklap: Shrestha Bharat ke Panch Prakalp*'. Dr N. K. Dhamsaniya, Principal, Polytechnic in Agro-Processing had narrated the rules of Essay competition and encouraged NSS Volunteers to participate in the competition. The essay competition was conducted on the topic of Good Governance. Six NSS Volunteers actively participated in the essay competition organized during Dec 27, 2021 to Jan 10, 2022. The competition was successfully judged and ranked by a committee. Ms Khushaliben Bagda ranked first followed by Mr. Piyush Chauhan and Ms Ektaben Kacha who ranked second and third in the competition, respectively. The first three winners were awarded with merit certificate.

### Thalassemia Screening Camp

Thalassemia screening camp was organized for the newly admitted students in all the Colleges and Polytechnics of JAU during February 21-22, 2022. The programme was inaugurated by Prof. (Dr) N. K. Gontia, Hon'ble Vice Chancellor, JAU and Dr. D. P. Chikhaliya, Well-known Surgeon and President, All



India Association of Surgeons and Chairman, Gujarat Housing Finance Corporation, with the presence of Dr. V. R. Malam, Director, Students' Welfare; Principal & Deans of various Colleges; Dr. S. G. Savalia, Dr. C. D. Lakhani, Dr. D. K. Varu; Shri Khamirbhai Majmudar, Project Chairman, Shri Manishbhai Acharya, Managing Committee member IRCS, Junagadh; Shri Nilesh Bhartiya, Field Manager, Indian Red Cross Society, Ahmedabad; Head of the Departments, Programme Officers, Technical & Non-technical Staff and students were present in this programme. Dr. D. P. Chikhaliya gave the importance of the test as Thalassemia is a type of blood disorder caused when the body doesn't make enough of a protein called hemoglobin, an important part of red blood cells. During the event, about 1540 blood samples were collected. The NSS unit of College of Agriculture, JAU, Mota Bhandariya (Amreli) also organized a Thalassemia Testing Camp under *Azadi Ka Amrut Mahotsav* for the first, second & third year students with the aim of creating awareness among students about Thalassemia. In this camp, around 193 students got Thalassemia test.



### Social Awareness Campaign

The NSS unit of Polytechnic in Agro Processing, JAU, Junagadh organised the Social Awareness Campaign under '*Azadi ka Yuva Sankalp: Shrestha Bharat ke Panch Prakalp*' at Choki on Feb 26, 2022. Dr N. K. Dhamsaniya, Principal, Polytechnic in Agro-Processing addressed the NSS Volunteers about Socio-Economic and Cultural conditions of rural life.



He inspired all NSS volunteers for conducting social awareness programmes at Choki (Dist: Junagadh). Thirty-two NSS volunteers actively participated in the Social Awareness Campaign. The NSS unit organized a rally across the roads of the entire village on the theme of 'India is Fighting Against COVID' and 'Cow based Natural Farming' at Choki. Volunteers rallied the slogans related to prevention of COVID-19. They also provided information and pamphlets of Cow based natural farming to farmers.

### Celebration of Days

#### *Birth Anniversary of Swami Vivekananda*

Junagadh Agricultural University celebrated the Birth Anniversary of Shri Swami Vivekanand on January 12, 2022 as per the guideline of Govt. of India with befitting manner. Prof. (Dr) N K Gontia, Hon'ble Vice Chancellor paid tribute by garlanding the statue of Shri Swami Vivekanand. All other university officers also remained present during the occasion and paid floral tribute. Hon'ble Vice Chancellor and all other officers also participated in *Viranjali* programme for tribute to all freedom fighters.



2022. Dr N. K. Dhamsaniya, Principal, Polytechnic in Agro-Processing narrated all participants about contribution of Swami Vivekanand and all National heroes in the development of India. The faculty members sang full National song '*Vande Mataram*' to commemorate the birthday of "Swami Vivekanand", maker of the modern India. All faculty members had also saluted to all National heroes on the eve of celebrating *Viranjali* event.

#### *Celebration of Subhash Chandra Bose Jayanti*

College of Agril. Engg. & Technology, JAU celebrated the 126<sup>th</sup> Birth Anniversary of freedom fighter Netaji Subhashchandra Bose in befitting manner on January 23, 2022.



Floral tribute was paid to the great leader by Prof. (Dr.) N. K. Gontia, Hon'ble Vice Chancellor, JAU, Dr. V. R. Malam, Director of Student Welfare and other University officers, faculty members, staff and students of CAET, JAU, Junagadh.

#### *National Voter's Day*

The National Voters' Day was celebrated on January 25 every year since 2011 all across the country to mark the foundation day of Election Commission of



India i.e. 25<sup>th</sup> January 1950. The main purpose of the of National Voter's Day celebration is to encourage, facilitate and maximize enrolment, especially for the new voters. Basically, dedicated to the voters of the country, the day is utilized to spread awareness among voters and for promoting participation in the electoral process. Thus, this day was celebrated by taking the pledge for National Voters' Day by the staff and all faculties of college of Agriculture, Motabhandaria, Amreli and celebrated the day enthusiastically.

### **Celebration of Republic Day**

Junagadh Agricultural University, enthusiastically celebrated the 73<sup>rd</sup> Republic Day on 26<sup>th</sup> January, 2022 under the Chairmanship of Prof. (Dr) N K Gontia, Hon'ble Vice Chancellor, JAU with befitting manner. This national festival was organized by following SoP of COVID-19 and approximately 250 students, staffs and labours had devotedly participated and made this event fruitful one. During this celebration, the honour of felicitation was extended to Programme Coordinator and Programme officer, National Service Scheme who successfully conducted various activities and helped other employees too during COVID-19 pandemic.



The 73<sup>rd</sup> Republic Day was also celebrated at Krishi Vigyan Kendra, Khapat (Porbandar). The staff member of KVK & CoA, Khapat remained present. Dr. H. R. Vadar, Senior Scientist & Head unfurl the tricolor flag with salute to our national flag & sang our national anthem. Total 26 members remained present in this occasion.

### **World Pulse Day**

World Pulse Day was celebrated at KVK, Khapat on February 10, 2022. On this day, training cum awareness programme was organized on importance of pulses in our diet, importance of pulse production in our economy and advanced production technology of pulses. A demonstration of agricultural drone was also organized as a part of event. Scientist from Garuda Aerospace – an agricultural drone company, remained present in this event and demonstrated the

agricultural drone in front of participants. They also provide basic information and benefits of agricultural drone. Total 98 farmers participated in this event. KVK Jamnagar also celebrated World Pulse Day under the presence of Dr. H. M. Gajipara, DEE, JAU, Junagadh, and highlighted the importance of pulse in dietary pattern. During this event, Nutritional value and Health benefits of pulses, daily requirement of pulses, etc. was discussed. In this program, 73 participants actively participated.



KVK, Targhadia also celebrated this day during which Dr. G. V. Maraviya, Senior Scientist and Head, KVK, Targhadia gave information on importance of pulses in human health. He also informed that pulses are the main source of protein for vegetarian people and pulse day is mainly celebrated to aware farmers and farm women about importance of pulses and how can we solve problem of malnutrition by adding pulse in food menu. Total 65 farmers participated in this event.



KVK, Nana Kandhasar celebrated this day by conducting an online training programme in collaboration with Reliance foundation. Shri M. F. Borhaniya, Senior Scientist & Head, KVK, emphasizing the importance of the day and the present status of pulse crop cultivation in India.

A total of 236 numbers of participants from different blocks of Surendranagar district joined the online training programme conducted through YouTube live phone in programme.





### **Mother Tongue Day**

Directorate of Students' Welfare, JAU, Junagadh organized a one-day lecture on "Use of Mother Tongue" on March 5, 2022 under Institutional Development Plan, JAU. Dr. V. R. Malam, DSW, welcomed all the dignitaries and participants. Chief Guest, Dr. B. M. Chheladia, Retd. Principal, J. M. Bilakhia College, Vanda (Dist. Amreli) highlighted history of mother tongue and importance of the language in Indian constitution. Prof. (Dr) N. K. Gontia, Hon'ble Vice Chancellor, JAU, gave his presidential address. Dr. D. K. Varu, Principal College of Horticulture, JAU, Junagadh proposed vote of thanks.



### **International Women Day**

International Women Day is a global holiday celebrated to commemorate the cultural, political, and socioeconomic achievements of women. KVK, JAU, Nana Kandhasar, in collaboration with Environment Education Project, Surendrangar celebrated the International Women Day on March 8, 2022 at Amarapar village of Surendrangar district. During the programme, Dr. R. P. Kalma encouraged the women farmers to take up agriculture for sustainable income generation and to become producers rather than consumers through cultivation of high-quality hybrid seeds suitable for the district.



He highlighted the role of women in animal husbandry. During the programme, progressive women who contributed in development of society were felicitated. Women farmers visited exhibition stalls and found benefited through live demonstration. Around 132 women farmers from various agriculture and allied sectors participated in the programme.

The programme was also organized at KVK, Amreli to create awareness among farmwomen about various importance of the day, value addition, storage techniques and role of natural farming and its benefits on health.

During the occasion, one programme was arranged by KVK, Jamnagar in collaboration with Agakhan Rural Development Trust at Ahir Samaj, Viramdad, (Ta. Jamkhambhaliya, Dist. Devbhumi Dwarka). In this programme 176 farmwomen were actively participated. The another programme was conducted in collaboration with ACT (Arid Communities and Technologies), Singach, on same day at Moti Rafudad, (Ta. Lalpur) in which 61 farmwomen were participated.



In these programmes, innovative women videos were played, they were aware about how to sustain in the society, value addition, marketing, natural farming, vermi composting, decomposing, animal keeping, kitchen gardening, pickles and preservation of fruit and vegetable, etc. were promoted.

The event was conducted by KVK, Morbi under the Chairmanship of Smt. Kantaben Thoriya, women Sarpanch of Village Bagathala. During the event, various charts encouraging the women were also displayed. Dr. L. L. Jivani, Senior Scientist and Head and his team gave information on role of women in our society, their rights, role of kitchen garden and value addition of different fruits and vegetables.

KVK, Targhadiya also celebrated the event in collaboration with CEE, Jasadan at Satarangdham of Jasadan taluka. Smt. Komalben Solanki, women helpline No.181; Kantaben, GSFC Depot manager, Jasadan; Smt. Arunaben, Jasadan, police; Chandrikaben Kukadiya, Nurse, Jasadan health center; Kashmiraben, science teacher, Jasadan as well as group of women earning income from small scale industries and farm women were participated. Various charts encouraging the women were also displayed at the event venue. An exhibition was also held under this program in which various stalls were arranged and sold various items made by women's savings group. The Rangoli of pulses was made by the farmwomen as well as a drama on the prejudice



against women were also performed. Smt. Hetal H. Padsumbiya, Scientist (Home Science), KVK, Targhadia gave information on role of women in our society, their rights, kitchen garden and value addition of different fruits and vegetables.



On this occasion, various lectures were arranged by KVK, Khapat on women safety, women's role in agriculture etc. Activities like; healthy recipes competition; debate on women empowerment; visit to Kitchen Garden were carried out. Total 32 participants were benefitted by the programme.

### World Water Day

World Water Day" was celebrated on March 22, 2022 AICRP on Irrigation Water Management, AICRP on Plastic Engineering in Agriculture Structures and Environment Management (ICAR) and CAET Alumni Association at CAET, JAU, Junagadh. The theme of "World Water Day-2022" was "Groundwater-Making the Invisible Visible".



Dr D. R. Mehta, Director of Research, emphasized and motivated the gatherings for the importance of water conservation in life of human being. Dr. H. D. Rank and Prof. P. B. Vekariya, delivered an expert talks. Prof. (Dr) N. K. Gontia, Hon'ble Vice Chancellor in his presidential speech, emphasized the role of young generations for the water-food-energy securities for the ever growing population of the nation under era of changing climate. Total 100 students and 25 faculties, technical and supporting staff participated in the event. During the program, elocution, e-poster presentation and quiz competitions among students in three groups Green, Blue and Grey were organized to create awareness among the students. The prize distributions to the winners of competition was also organized.

World Water Day was also celebrated by KVK, Amreli by organizing training programme for farmers in which 50 farmers had participated and made aware about importance of saving water.

### Celebration of Martyr's Day

P.G. Institute of Agri-Business Management organized few activities on March 23, 2022 to celebrate the *Shaheed Diwas* by arranging a lecture on Shree *Shaheed* Bhagat Singh, Debate competition among students and screened a short documentary on the life of *Shaheed* Bhagat Singh. Twentyfour MBA (ABM) students and two faculty members participated in the activities. Students were inspired during healthy discussion on the life journey of *Shaheed* Bhagat Singh.



The NSS Unit of College of Agriculture, JAU, Mota Bhandariya had also celebrated "*Shaheed Diwas*" with great passion and unity in remembrance of the three revolutionaries of India who were hanged to death by the British Govt. namely Bhagat Singh, Shivaram Rajguru and Sukhdev Thapar. Celebrated this day by paying a heartily tribute to all brave Martyrs by staff and students of the college.



The NSS Unit of Polytechnic in Agro Processing, JAU, Junagadh also celebrated "*Shaheed Diwas*". A special lecture was arranged on "*Azad Hind na Sambharana*". The event was initiated with welcome speech by Er. P. P. Vora, NSS Programme Officer, Polytechnic in Agro-Processing, JAU, Junagadh. He welcomed the speaker of programme Mr. Harshadbhai Vaja, President, *Svayn Yuva Vikas Mandal*, Junagadh and all participating students. Mr. Vaja addressed the participants with his inspirational words.

### Training for Extension Personnel

A training of extension workers of Morbi district was organized on March 10, 2022 at KVK, Morbi. A total of 34 trainees from Morbi district participated in this training. The scientist of the KVK Morbi, Dr. D. A. Saradava gave information about summer crops and efficient use of fertilizers in crops as well as integrated management of pests and diseases.



## Bi-monthly Training Programme

Online Bi-monthly training programme was organized under Training and Visit system by Directorate of Extension Education, JAU, Junagadh on January 17, 2022. The Training programme was inaugurated by Dr H. M. Gajipara, Director of Extension Education, JAU, Junagadh.



During inaugural speech, he advised all the officers for transfer of new agricultural technology to the grass root level which eventually benefits to the farmers. He advised all to work for the farmers and informed about summer season crop situation and solve the problems faced by the farmers while farming. The event was attended by Joint Director of Agriculture, Rajkot & Junagadh. Total 45 officers were remained present in the programme.

## Capacity Building of Farmers

Total 5 capacity building training programmes, each having 3-day duration under the ICAR sponsored project entitled “Capacity Building of Farmers Through Training Programmes on Profitable Dairy Farming and Livestock Management” were organized by the KVK, JAU, Nana Kandhasar during March, 2022. The main objective of the programme was transforming rural economy and livelihood through capacity building of farmers in livestock management skills. The scientists also emphasized the need to focus on value addition and profitable marketing linkages for different topics like; scientific feeding management, silage making, disease management, value addition of milk and their products, vaccination, housing, breeding, prevention and control of diseases in dairy animals and also encouraged farmers and farmwomen to focus more on quality aspects of feed, fodder as well as dairy products.



The participants were also taken to an exposure visit to the dairy farm for better practical understanding towards scientific dairy animal management. Total

200 farmers and farmwomen from Surendranagar district were participated in these trainings. KVK, Targhadiya also organized the three days duration Capacity building training programme on Dairy Farming at Kherdi, Padasan and Khorana villages of Rajkot taluka, respectively. Total 79 farmers and 31 farmwomen were participated. In the programme, special lectures on scientific dairy management, livestock disease management, feed &



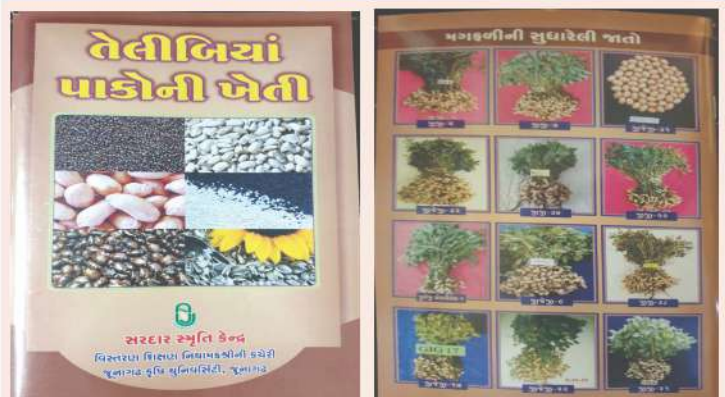
fodder management, nutrition management, milk & milk processing for profitable dairy farming, etc. were arranged.

## Farmers Training on Natural Farming

A one-day training on Natural Farming was conducted at Vadal Village of Junagadh District on March 10, 2022. In the programme, 56 Farmers of Morbi District participated and visited the farm of Shri Hiteshbhai Domadia, a farmer practicing natural farming. He expressed his experiences to the participants.



## Popular publication of SSK



“*Telibiya Pakoni Kheti:2021-22*” was published by Directorate of Extension education, SSK, JAU, Junagadh. The aim of publishing this booklet is to make farmers and extension workers aware with the new technologies developed by the university for cultivating the oilseed crops.



## Scientific Advisory Committee Meeting

Scientific Advisory Committee (SAC) meeting of all the Krishi Vigyan Kendras (KVKs) were held during the quarter to present the Annual progress report of the current year and Annual action plan of next year. The meetings were chaired by Prof. (Dr) N. K. Gontia, Hon'ble Vice Chancellor, JAU. Dr. H. M. Gajipara, Director of Extension Education, JAU; Senior Scientist and Head; Officers from various line departments, University scientists, Progressive farmers and Scientist of the concerned KVK centers participated in the meeting and gave constructive suggestions.



## Pride of University

### Appreciation by AISHE

Dr. N. J. Rankja, Associate Professor and Nodal Officer, All India Survey on Higher Education, New Delhi for Junagadh Agricultural University was highly appreciated by State Nodal Officer, AISHE, Department of Education, Government of Gujarat by their letter No./KCG/AISHE/2021-22/2072, Date, 10/03/2022 for coordinating the survey related activities in the university covering a large number of institutes.



### Dr. APJ Abdul Kalam Lifetime Achievement National Award

Shri M. F. Bhoraniya, Senior Scientist & Head, Krishi Vigyan Kendra, JAU, Nana Kandhasar was awarded with the "Dr. APJ Abdul Kalam Lifetime Achievement National Award" by



National Institute for Socio Economic Development, Bengaluru for his immense contribution in research and also for the innovative technology transfer in agriculture and allied sciences, providing technological expertise to farmers. He felicitated

with this award by the auspicious hands of Dr. H. M. Gajipara, Director of Extension Education JAU, Junagadh, during 17<sup>th</sup> scientific advisory committee meeting held on March 10, 2022.

### Dharti Mitra Award

Shri Upendrabhai Dahyabhai Nathani from Ramod village (Rajkot) honoured the National Level "Dharti Mitra Award-2021" for his remarkable efforts in Organic farming by Organic India during the Dadasaheb Phalke International Film Festival 2022. Shri Upendrabhai got the guidance from the scientists of Junagadh Agricultural University.



## JAU Family Wishes Happy and Healthy Retired Life

No.	Name and Designation
<b>January - 2022</b>	
1.	Smt. H. R. Patel, Asstt Adm. Officer
2.	Shri M. G. Kucha, Agri Assistant
3.	Shri S. G. Patel, Agri Supervisor
4.	Shri G. D. Solanki, Agri Supervisor
<b>February - 2022</b>	
5.	Shri V. B. Chauhan, Bakery Operator
<b>March - 2022</b>	
6.	Prof. V. M. Shekhda, Asstt.Prof.
7.	Prof. V. G. Barad, Asstt.Prof.
8.	Shri M. V. Gohil, Agri Assistant
9.	Shri B. M. Vyas, Senior Clerk
10.	Shri P. U. Vaja, Peon
11.	Shri L. V. Baladhiya, Agri Labor
12.	Shri V. G. Parmar, Agri Labor

### Printed Matter/ Book Post

To,

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From:

Directorate of Extension Education  
Junagadh Agricultural University  
JUNAGADH 362 001 (Gujarat)