

KRISHIMELA-2020 was organized both virtually and physically with the theme 'Youth Movement Towards Agriculture' (ಯುವಕರ ನಡೆ ಕೃಷಿಯ ಕಡೆ) on 8th December 2020 at Zonal Agricultural Research Station, V. C. Farm, Mandya following all the safety guidelines of Covid-19 Pandemic. Shri H.D. Chowdaiah, Hon'ble former Member of Legislative Assembly, Keragodu Constituency and former President of Janatha Shikshana Trust, Mandya inaugurated the Krishimela and highlighted the role of central and state governments in encouraging youths who can contribute for food security. In his presidential remarks, Dr. S. Rajendra Prasad, Vice-Chancellor of UAS-B appreciated the Zonal Agricultural Research Station for bringing out novel technologies and varieties of the local crops suiting to farmers need and also in solving the problems faced by the farmers of the zone. He elucidated that the University is demonstrating all the released technologies through field days and krishimela every year in the research stations. Dr. M. Byregowda, Director of Extension briefed about the importance of integrated cropping system and mixed crop rotation to ensure sustainable yield and profitability. More than 6000 farmers participated in the Krishimela and witnessed various demonstration plots of recently developed varieties / hybrids and improved production technologies in paddy, sugarcane, finger millet, maize, small millets, fodder crops, etc. Live demonstrations of sugar cane planter, paddy transplanter, baler and drum seeder were arranged. On the occasion, technical bulletin on 'Recent Research Accomplishments of Zonal Agriculture Research Station, Mandya' was released both in Kannada and English. Dr. Y.G. Shadakshari, Director of Research; Dr. Venkatesh, Dean, CoA, Mandya; Dr. S.N. Vasudevan, Associate Director of Research; Dr. D. Raghupathi, Associate Director of Extension and Farm Superintendents of all the research stations graced the occasion. On the same day 'Ragi Bramha Dr. C.H. Lakshmanaiah Raita Salaha Kendra' established by Zonal Agricultural Research Station, Mandya at Agricultural Produce Marketing Cooperative Society, Mandya was also inaugurated.

GRADUATION DAY for the 8th Batch students of Diploma (Agri.) was conducted on 8th December 2020 at College of Agriculture, V.C. Farm, Mandya. Dr. S. Rajendra Prasad, Vice-Chancellor of UAS-B administered the oath and distributed the Diploma (Agri.) certificates to the students. Overall, 39 students in person and 14 in absentia received the certificates. Mr. C. Bhuvanaradhya was awarded with the Gold Medal who secured OGPA of 9.37 out of 10.00. The programme was held under the supervision and guidance of Dr. G.N. Dhanapal, Registrar, UAS, Bangalore. The chief guest for the function was Dr. Ramalingaiah, Director and Retired Principal, Peoples Education Trust, Mandya. Dr. Venkatesh, Dean (Agri.) and Dr. S.S. Prakash, Principal, Diploma (Agri.) were present during the graduation day.

Krishimela: V.C. Farm, Mandya



Dignitaries during the inaugural programme



Demonstration of paddy transplanter during the mela

Graduation Day : Diploma (Agri.)



Dignitaries distributing Gold Medal

28th AERA Conference



Agriculture: Key Challenges and Pathways'. Dr. Siddayya, Organizing Secretary; Dr. C.P. Gracy, former Professor and Faculty & Students of Department of Agril. Marketing, Cooperation and Agri-Business Management participated in the programme.

EDP by Bakery Training Unit



'Bakery Production and Management' under Entrepreneurship Development Programme (EDP) sponsored by ICAR-SC-SP for UG/PG final year students of the University. The aim was to empower the students economically by providing hands on training on the preparation of different bakery products. As many as 120 students were benefited from the training programme.

Field Day and Kisan Ghosti



Trial fodder plots of Napier Hybrids and Guinea grass and IFS Components viz., Dairy, Sheep, Vermi compost & azolla units.

THE 28th ANNUAL CONFERENCE of Agricultural Economics Research Association was organised from 16-18 December 2020 at GKVK, Bengaluru with the theme 'Future of Indian Agriculture: Challenges and Opportunities'. Presiding the inaugural programme, Dr. S. Rajendra Prasad, Vice-Chancellor of UAS-B briefed about the achievements and activities of Government of Karnataka and UAS, Bangalore in enhancing the productivity in agriculture and allied sectors in the state. He stressed the need for efficient resource management for transforming agriculture. Dr. Ramesh Chand, Member, NITI Aayog, opined that there should be a region specific policies and highlighted the importance of MSP. Dr. T. Haque, former Chairman, CACP and President of the Conference delivered the presidential note on 'Reforming and Transforming Indian

THE BAKERY TRAINING UNIT in collaboration with Centre for Entrepreneurship development of Karnataka (CEDOK), Bengaluru organized a 30-days training programme on 'Skill Entrepreneurship development programme on bakery products' from 23rd November 2020 to 24th December 2020 sponsored by Department of Skill Development, Entrepreneurship and Livelihood, GoK. Dr. M. Byregowda, Director of Extension, inaugurated the programme and addressed the gathering at Farmer's Training Institute, GKVK, Bengaluru. The programme was presided by Dr. S. V. Suresha, Comptroller and Coordinator, Bakery Training Unit. Mr. M. S. Madhu, Joint Director, CEDOK, Bengaluru was the chief guest. The Bakery Training Unit also organized training programmes at College of Agriculture, V. C. Farm, Mandya and College of Agriculture, Hassan on

THE FIELD DAY and Kisan Ghosti was organized on 16th December 2020 at ARS, Kunigal. Addressing the farmers, Dr. Y.G. Shadakshari, Director of Research, UAS-B highlighted the importance of the field day to farmers in knowing about the latest integrated technologies to enhance their income. Dr. Niranjana Murthy, ADR (HQ) in his introductory remarks emphasized on the adoption of Integrated Farming System (IFS) to double the farmer's income. Dr. S.N. Vasudevan, ADR, VC Farm, Mandya; Shri Sreenivasa, CEO, Kunigal Coconut Producers Company; Dr. H.C. Lohithashva, Principal Scientist, Scheme Head, AICRP on Pigeon pea; Dr. Ramanappa, Scheme Head, NSP, GKVK; Farm Superintendents from 13 ZRS/ARS participated in the programme. The participated farmers visited seed production plots of MR 6 variety of Ragi, BRG 5 variety of Redgram, Fodder blocks,

US Patent for reducing Menopausal Symptoms

US Patent (US 9,855,308 B2) is granted for 'Composition for amelioration of peri and post-menopausal symptoms and a process for producing the same' with Inventors viz., Dr. S. Shamshad Begum, Assistant Professor, Dept. of Food Science & Nutrition; Dr. K. Geetha, Professor & Scheme Head, AICRP (F&N); Dr. M. Vasundhara, former Professor of Horticulture and Dr. S.V. Suresha, Coordinator, Bakery Training Unit and Comptroller from UAS, Bangalore (along with the members of Akay Flavours and Aromatics and Jayadeva Institute of Cardio Vascular Sciences & Research) under the project entitled 'Dietary intervention to manage menopausal symptoms - A nutritional and clinical study'. The project was sponsored by Akay Flavours and Aromatics, Kerala to UAS, Bangalore.

23rd SAC Meeting of KVK, Hassan

THE 23rd SCIENTIFIC ADVISORY COMMITTEE (SAC) Meeting of KVK, Hassan was conducted on 29th December 2020 under the Chairmanship of Dr. S. Rajendra Prasad, Vice-Chancellor of UAS-B. The Chairman stressed the need for doubling farmer's income and called for the active participation of line departments in the activities of KVK to achieve the target. Dr. M. Byregowda, Director of Extension, in his introductory remarks, explained the purpose of conducting SAC meeting and requested the members to contribute for framing effective action plan for the ensuing season. Dr. Rajegowda, Sr. Scientist & Head of KVK presented the action taken report for the suggestions of 22nd SAC Meeting. All the Scientists presented the activities carried out by them and the action plan for the next year. Dr. Venkatasubramanian, Director, ICAR-ATARI, Bengaluru requested the Scientists to give wider publicity of the technologies demonstrated.



Members during SAC Meeting

World Soil Day

ICAR-KVK, TUMAKURU-I organized 'World Soil Day' on 5th December 2020 in Patrehalli, of Tipaturu taluk with the theme 'Keep soil alive, protect soil biodiversity'. Dr. M.S. Anitha, Scientist of KVK highlighted that the celebration aims to raise awareness of the importance of sustaining healthy ecosystems and human well-being. She added that the campaign also aims to fight soil biodiversity loss. Farmers-Scientist Interaction on importance of soil health, soil testing and their management; Exhibition and demonstration of soil sampling and distribution of soil health cards to 50 farmers were the activities carried out by the KVK. Dr. N Kengegowda, Assistant Director of Agriculture, Tipaturu of Tumakuru district; Agricultural Officers and Farmers participated in the programme.



Distribution of soil health cards

WORLD SOIL DAY was also organized by KVK, Chintamani in collaboration with College of Sericulture, Chintamani on 5th December 2020. The programme was inaugurated in the presence of Dr. P. Venkataravana, Dean (Seri.), Dr. R, Manjunatha, Senior Scientist and Head, KVK, Chintamani, Dr. V. Venkatachalapathy, Farm Superintendent Agricultural Research Station, Chintamani. Dr. B. Gayathri Scientist (Soil science) explained about the importance of soil health while, Dr. D.V. Naveen, Assistant Professor (Soil Science) highlighted the integrated nutrient management practices. Mr. Ravishankar and Mr. Suresh who were awarded with State level Awards during Krishimela-2020 of UAS, Bangalore were felicitated.

DEPARTMENT OF AGRICULTURAL EXTENSION, CoA, GKVK, Bengaluru organised field days on various interventions as part of the project entitled 'Establishment of Climate Smart Villages in Southern Districts of Karnataka'. Field day-cum-Interaction on neck blast tolerant Ragi variety ML 365 was organised at Biderekere, Hassan district on 2nd December 2020. Field day on KMR 630 short duration ragi variety suitable for late kharif was also organised at Channamana Palya, Magadi taluk, Ramanagara district. Under the project, a training programme on importance of growing pulse crops in residual moisture was organised at Kebbehundi, T. Narasipura taluk of Mysuru district on 16th December 2020.

Field Day in Climate Smart Villages



A view of Ragi demonstration plot

Under the aegis of 'Prof. Nanjundaswamy Research Chair' activities, one-day programme on 'Calf rally, infertility camp cum livestock farmer's capacity building' was organized on 28th December 2020 at Bukkapatna of Koratagere taluk, Tumakuru district in association with Department of AH&VS, GoK, Koratagere. Dr. K. B. Umesh, Research Chair Professor gave a brief overview on Prof. Nanjundaswamy Research Chair activities and the need for capacity building programme. Dr. Siddanagowda, Assistant Director, Department of AH&VS, Koratagere inaugurated the programme and addressed the gathering. Dr. B. S. Lalitha, Associate Professor of Agronomy explained the details of cultivating improved fodder varieties and enrichment of dry fodder. Dr. Chikkangowdru Kotresh Prasad, Scientist (Animal Science), KVK, UAS, Raichuru highlighted the preparation of balanced feed and its role in improving the milk yield. Dr. R. M. Nagabhushan, Assistant Director, Department of AH&VS, Chikkanayakanahalli gave a brief note on animal health management. During the camp, healthy calves were awarded with prizes as an incentive to dairy farmers to adopt scientific management practices.

Capacity Building of Livestock Farmers

Field Day on Tomato Hybrid Arka Abhed:

ICAR-KVK, MANDYA conducted a field day on tomato hybrid Arka Abhed at Juttanahalli village, Nagamangala Taluk on 4th December 2020 as part of frontline demonstration. Dr. S. Pavithra, Scientist (Plant Protection) briefed about the importance of hybrid Arka Abhed and control measures for pinworm in tomato. She also explained the usage of



Participants during the field day

vegetable special, neem soap and AMC liquid. Shri Ramachandra, President of FPO shared his experience regarding the demonstration and opined that the demonstration helped them to obtain higher yield.

Women in Agriculture Day

ICAR-KVK, RAMANAGARA celebrated 'Women in Agriculture Day' on 4th December 2020 at KVK premises in collaboration with Dhan Foundation. Dr. Savita S. Manganavar, Sr. Scientist & Head of KVK appealed the farmwomen to implement scientific methods in agriculture and support the families in doubling the farm income. Dr. Lata R. Kulkarni, Scientist (Home Science), briefed the importance of women in agriculture, healthy food habits and usage of less-drudgery implements. Mrs. Preethu, Scientist (Soil Science), briefed about the importance of soil and its management. Mrs. Nagarathna, Zonal Coordinator of Dhan Foundation, briefed about the income generating activities and social facilities available for the community. 'Pick and Speak' and 'Musical Chair' competitions were organized and the winners were awarded during the event.



Director of Extension interacting with farmer during the field visit to Krishnapura of Kolar taluk & district

EDITORIAL COMMITTEE

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Vice-Chancellor and Director of Education

Editor : **Dr. K. H. Nagaraj**
Professor of Agricultural Extension

Kisan Diwas - 2020

ICAR-KVK, BENGALURU RURAL organized Kisan Diwas on 23rd December 2020 to honour India's farmers and mark the birth anniversary of the nation's fifth Prime Minister, Shri Choudhary Charan Singh, who has contributed for the welfare of the farmers. Participating as chief guest, Dr. K. Geetha, Senior Scientist and Scheme Head, AICRP (Food & Nutrition), UAS-B explained the components of food security, public distribution system and problems of food security in India. Dr. A. P. Mallikarjuna Gowda, Sr. Scientist & Head of KVK detailed about the role, importance, responsibilities and goal of farmers in the society. Scientists of KVK delivered lectures on Integrated Farming System, post-harvest losses, processing and importance of value addition.

EXTENSION EDUCATION UNIT, Naganahalli, Mysuru also organized Kisan Diwas in collaboration with Institute of Agricultural Technology (IAT) on 23rd December 2020. Inaugurating the programme Dr. C.L. Lakshmi pathigowda, former Deputy Director, ICRISAT, Hyderabad highlighted the importance of organic farming and integrated farming system. Dr. Arun Balamatti, Member, IAT, Mysuru chapter and Dr. C. Govindaraju, Professor of Plant Pathology delivered lectures on strategies for doubling the farmer's income and integrated farming system respectively. The day was also celebrated at all the KVKs of UAS-B jurisdiction.



Joint Director, ADE, VC Farm, Mandya and Scientist inspecting the paddy farm trial in Chamarajanagara district

Personnelia

Dr. B. Krishnamurthy, Professor & Head, Dept. of Agricultural Extension, College of Agriculture, GKVK, Bengaluru is elected as Vice-President (South Zone), Indian Society of Extension Education, IARI, New Delhi. He is also nominated as member of Board of Studies of Banaras Hindu University, Varanasi, Uttar Pradesh for a period of two years.



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