

Celebration of World Soil Day - 2022

DEPARTMENT OF SOIL SCIENCE AND AGRICULTURAL CHEMISTRY, College of Agriculture, GKVK, organized World Soil Day on 5th December 2022 with the theme 'Soils : Where Food Begins'. Dr. S.V. Suresha, Hon'ble Vice-Chancellor inaugurated the programme by watering the plant and emphasized the need for awareness on 'Issues and challenges to combat soil degradation and enhance food security'. Dr. G.S. Dasog, Soil Scientist & former Dean (Agri.), UAS, Dharwad was the chief guest who delivered a talk on 'Vision of Sustainable Development Goals of the United Nations'. Poster making, Quiz and Essay writing competitions

were conducted for school children on the theme of World Soil Day. Director of Education, Director of Research, Director of Extension and Dean (PGS) served as Guests of Honour and distributed prizes and plant saplings to the school students. Dr. N. B. Prakash, Dean (Agri.), College of Agriculture, GKVK presided over the program. Dr. C.T. Subbarayappa, Professor & Head, Department of Soil Science and Agricultural Chemistry coordinated the programme. A video on the theme 'Soil: where food begins' was displayed to raise awareness on the importance of maintaining healthy ecosystems. World Soil Day was also organised at all the KVKs and by the staff of REWARD program, a World Bank funded project through Watershed Development Department, GoK.



Dignitaries inaugurating the programme

Commercialization of Technologies

TECHNOLOGIES DEVELOPED BY BAKERY TRAINING UNIT of UAS-B one on 'Enriched Gluten Free Cookies' and the other on 'Low Fat Little Millet Biscuits' are commercialised and the sale agreement was signed by Dr. Basave Gowda, Registrar of UAS-B with Shri R.S. Raghu, the farmer from Honnali Taluk of Davanagere District on 20th December 2022. Dr. S. V. Suresha, Vice-Chancellor mentioned the significance of the agreement owing to celebration of International Year of Millets during 2023. Dr. K.B. Umesh, Director of Research; Dr. Siddayya, Nodal Officer to ICAR, NODAC and Scientists of Bakery Training Unit were present.



Vice-Chancellor and Officers after the MoU

UAS-B : Seed Industry Connect Interaction Meet

INTERACTION MEETING ON 'UAS-B : SEED INDUSTRY CONNECT' was organized on 6th December 2022 at UAS, GKVK Campus, Bengaluru to further strengthen the existing research collaborations and to complement & leverage the synergy between the two sectors. The interface meeting was presided over by Dr. S.V. Suresha, Vice-Chancellor of UAS-B. Representatives from the Federation of Seed Industry of India (FSII), New Delhi; National Seed Association of India (NSAI), New Delhi; Chairman & Managing Director, Indo-American Hybrid Seeds India Pvt. Ltd., and representatives from more than 40 seed companies participated. Overall, 68 participants from different companies attended the interface meeting. Mutual research collaborations on a need-based approach among the partner institutions were discussed in detail.



Vice-Chancellor with the participants of seed industry connect

Khadiru-2022 : Intercampus Youth Festival

COLLEGE OF SERICULTURE, CHINTAMANI organised an Intercampus Youth Festival 'Khadiru-2022' on 22nd & 23rd December 2022 in which all the constituent colleges of UAS-B participated. Shri Varadaraju, famous lyricist of Kannada and Telugu film industry from Chikkaballapura and Shri Appanna, famous comedian of Kannada film industry were the chief



Dignitaries inaugurating the programme

guests for the inaugural programme. The programme was presided over by Dr. N.B. Prakash, Director of Student Welfare & Dean (Agri.), GKVK, Bengaluru. Dr. P. Venkataravana, Dean (Seri.), College of Sericulture, Chintamani and Deans of other constituent colleges were present. Dr. K.C. Narayanaswamy, Director of Education of UAS-B and Shri Pichhalli Srinivas, famous music director & singer and former Chairman, Karnataka Janapada Sahitya Academy graced the occasion during the valedictory programme and awarded the prizes. The Post Graduate team from College of Agriculture, GKVK were the Overall Champions and the Undergraduate team of College of Agriculture, GKVK were the runners-up.

Hands on Workshop on LC-MS/MS

A HANDS-ON WORKSHOP on 'Liquid Chromatography-Mass Spectrometry (LC-MS/MS)' was conducted from 21-24 December 2022 at the Central Instrumentation Facility, GKVK, Bengaluru. The workshop was organized under the on-going CAAST program supported by the ICAR-National Agricultural Higher Education Project (NAHEP), with financial assistance from the World Bank. Dr. H.C. Prakash, Dean (PGS) and Dr. N.B. Prakash, Dean (Agri.), CoA, GKVK participated in the inaugural programme. A Laboratory Manual on LC-MS/MS & a Book of Abstracts and Lecture Notes were released during the inaugural session. Dr. N. Nataraja Karaba, Professor and Principal Investigator coordinated the workshop.

Interactive Workshop on Plant Protection

PROF. NANJUNDASWAMY RESEARCH CHAIR organised an interactive workshop on 'Plant protection measures in Banana and Potato crops' at Halehalli of Gouribidanuru taluk on 28th December 2022. The interactive session focused on various biological and chemical measures for managing pests and diseases in Banana and Potato crops. Dr. M.K. Prasanna Kumar, Professor of Plant Pathology, College of Agriculture, GKVK participated as a resource person.

RAWEP : Students Attachment and Feedback

DEPARTMENT OF AGRICULTURAL EXTENSION, College of Agriculture, GKVK, Bengaluru placed the 296 B.Sc. (Hons.) Agri students and 59 B.Sc. (Hons.) Agri Marketing students in six KVKs viz., KVK, Ramanagara; KVK, Mandya; KVK, Hassan; KVK, Tumakuru; KVK, Bengaluru Rural and KVK, Chikkaballapura and various research units, including those of AICRP, for two weeks respectively. During the first week, 177 girl students were placed in research stations whereas 178 boys were



Students practising coconut tree climbing at KVK, Ramanagara

placed in Krishi Vigyan Kendras and vice-versa in the second week to provide practical work experience and to develop confidence and competency among the students by imparting diagnostic and remedial knowledge relevant to real field situations.

THE RAWEP FEEDBACK session was also organized on 30th December 2022. Dr. Y.N. Shivalingaiah, Coordinator, RAWEP-2022 presented the brief report of RAWEP including village placements, KVK/ARS placement and Agro-Industrial Attachments. Students provided feedback about RAWEP. Participating in the feedback session, Dr. S.V. Suresha, Vice-Chancellor congratulated the students and teachers and directed the Directorate of Research and Extension to integrate activities for the benefit of the students in future. Dr. N.B. Prakash, Dean (Agri.) thanked the Vice-Chancellor for resolving a few of the student's most pressing demands spontaneously.

Demonstrations in Adopted Village

ICAR-KVK, HASSAN has adopted K. Hosahalli of Hassan taluk in order to develop the village holistically. KVK has conducted demonstrations on improved varieties in Ragi (KMR-301), Redgram (BRG-4), Field bean (HA-4) and Horse gram (PHG-9). In conjunction with these demonstrations, a field day and human health camp were held on 13th December 2022. Dr. Rajegowda, Sr. Scientist & Head, KVK, Hassan elaborated on the activities of KVK and appealed to farmers to practice scientific farming by taking the advice of scientists. Further, he stressed the importance of adopting organic farming practices to improve soil health. Dr. M. Shivashankar, Scientist (Home Science) coordinated the programme and explained the results obtained in the demonstrations of improved varieties by comparing their yield and quality with the existing cultivated varieties.

Field days at Agricultural Research Stations

AGRICULTURAL RESEARCH STATION, ARASIKERE organised a field day on 12th December 2022. Field beans grown for seed production, fodder (CoFS 29), demonstration of coconut intercropping, vermicompost, bio-digester and sheep rearing units were the highlights of the field day. Dr. K.B. Umesh, Director of Research opined that besides field crops, integration of horticulture crops and animal husbandry is imperative for farmers and that field days play a crucial role in obtaining such information.



Scientist explaining about the demonstrations

FIELD DAY-CUM-KISAN DIWAS was organised at Agricultural Research Station, Kunigal on 23rd December 2022. Fodder museum comprising different varieties of fodder / forage crops, Nursery house comprising of arecanut & coconut seedlings and Maize crop demonstration established by CIMMYT were the important attractions of the field day. Participating in the event, Dr. K. Narayana Gowda, President, Coconut Producers Company & former Vice-Chancellor UAS-B dealt with the problems and challenges faced by the farming community and also the ways and means to combat them. On the occasion of Kisan Diwas, 10 farmers were felicitated with 'Best Farmer Awards'. Dr. N. Shivakumar, Associate Director of Research, ZARS, Mandya; Officials of line departments and Farm Superintendents of other Agricultural Research Stations of UAS-B participated in both the events.

Capacity Building on Precision Farming

THE DEPARTMENT OF AGRONOMY, College of Agriculture, V.C. Farm, Mandya in collaboration with UPL Limited, Mumbai organized a ten-day national training programme on 'Precision Farming: A way for sustaining food security and natural resource management' from 7-16 December 2022. Inaugurating the programme, Dr. K.C. Narayanaswamy, Director of Education of UAS-B stressed upon the importance of precision farming in minimizing the abysmal use of natural resources and sustaining food production. Dr. S. S. Prakash, Dean (Agri.), CoA, Mandya presided over the programme. Dr. S.B. Yogananada, Course Director briefed about the training programme and welcomed all the dignitaries; Dr. P.S. Fathima, Principal, Diploma (Agri.); Dr. Chandrappa and Dr. P. Thimmegowda, the Course Co-ordinators were present at the programme.

Activities of EEU, Mysuru

EXTENSION EDUCATION UNIT, NAGANAHALLI, Mysuru celebrated National Farmers Day in collaboration with IAT, Mysuru Chapter on 23rd December 2022. It also celebrated Women in Agriculture Day at Madapura village of H.D. Kote taluk on 6th December 2022.



Vice-Chancellor interacting with the farmer

The Unit also organised World Soil Day and field day on ML 322 variety of Ragi on 8th December 2022 at Shiriyur of Hunusur taluk of Mysuru district. Dr. S.V. Suresha, Vice-Chancellor participated in the field day and called upon the farmers to adopt high yielding varieties and improved production technologies to increase productivity and profitability.

Awareness Programme on AIDS & Cancer

YOUTH RED CROSS SOCIETY UNIT, CoA, Hassan in collaboration with Lions Club Hassan, Hoysala and District Health and Family Welfare Department organized an awareness programme on AIDS, CANCER and Blood Donation Camp on 10th Dec 2022. Dr. C.N. Jagadish, Preventive Oncologist, Kidwai Memorial Institute of Oncology, Bengaluru inaugurated the programme and delivered a lecture on 'Awareness about AIDS & Cancer'. Dr. S. N. Vasudevan, Dean (Agri.), CoA, Hassan presided over the function and highlighted the importance of the awareness programme. Prizes were distributed to the winners of the essay competitions. Mrs. H.N. Ramya, Programme Officer, Youth Red Cross Society, CoA, Hassan Unit coordinated the programme.



Dignitaries after garlanding Rashtra Kavi Vishwa Manava Dr. Kuvempu on the occasion of his 119th Birthday celebration organised at GKVK on 29th December 2022

SMART DPR Preparation under REWARD

CENTRE OF EXCELLENCE ON WATERSHED MANAGEMENT (CoEWM) organised a five-day training programme on smart DPR preparation at GKVK, Bengaluru from 26-30 December 2022 to train officials of the Odisha Department of Watershed Development along with other stakeholders of the REWARD program. The last day of the training was marked by a valedictory function and the inauguration of the training hall of CoEWM. Dr. S.V. Suresha, Vice-Chancellor



Vice-Chancellor addressing the participants

of UAS-B and Dr. M.V. Venkatesh, IAS, Commissioner, Watershed Development Department, GoK were the chief guests and the function was presided over by Dr. K.B. Umesh, Director of Research, UAS, Bangalore. Dr. S.S. Prakash, Special Officer, CoEWM was present.

Skill Training for Rural Youth

ICAR-KVK, MANDYA conducted a skill training on 'Bee Keeping' for the rural youth of Mandya District from 5-10 December 2022 sponsored by MANAGE, Hyderabad. The Scientists from KVK and CoA, V. C. Farm, Mandya as well as Officers from the Department of Horticulture served as resource persons. Importance of bee keeping, different species of honey bees, nature and behaviour of colony formation, breeding, colony management in different seasons and other topics were covered with hands-on experience. Exposure visit to the field of entrepreneurs was arranged.

Review Meeting of Farm Trials

ASSOCIATE DIRECTOR OF EXTENSION, Zone-6, V.C Farm, Mandya conducted the virtual review meeting of 14 on-going farm trials (six crop varieties and eight technologies) implemented in 338 locations spread over all the five districts of Zone 6 viz., Mandya, Mysore, Chamarajanagar, Hassan and Tumakuru by KSDA, KVKs, EEU and KMF during 2022. Associate Director of Extension presented the extent of implementation of the farm trials. He shared the opinion of the farmers & the suggestions obtained from the institutions with the concerned scientists.

EDITORIAL COMMITTEE

Chief Editor	: Dr. K.C. Narayanaswamy Director of Education
Editor	: Dr. K.H. Nagaraj Professor of Agricultural Extension
Assoc. Editor	: Dr. Roopa B. Patil Assistant Professor of Home Science

Field Day on Paddy Drum Seeder

KVK, CHAMARAJANAGARA organised a field day on Paddy drum seeder at Kunthuru, Kollegala taluk, Chamarajanagar district. Dr. G.S. Yogesh, Sr. Scientist & Head of KVK addressed the farmers regarding the effect of unscientific water and fertilizer management on climate change. He also



Participants during the field day

highlighted the importance of micro nutrients application to crops and soil testing. Farmers expressed their opinion on the advantages of the drum seeder method of paddy compared to their conventional transplanting and said they could save on seed material and labour.

Field day on Redgram and Maize

ICAR-KVK, ICAR-KVK, BENGALURU RURAL organized field days on Integrated crop management in BRG-3 variety of Redgram and on Management of potassium in maize through Bio-K at Kammasandra of Hosakote taluk in the field of Shri Pillegowda and Shri Ramachandrappa on 16th December 2022. Dr. J. Venkate Gowda, Sr. Scientist & Head



Participants during the field day on Redgram

described Redgram's integrated management practices. Dr. P. Veeranagappa, Scientist discussed the use of bio-K for reducing the use of potassium fertilizers and increasing disease resistance. Dr. V.L. Madhuprasad, Head, FTI, GKVK and Officials of the DoA participated in the programme.

To,

Book-Post

If undelivered please return to :

The Editor, Communication Centre, UAS, GKVK, Bengaluru-560 065