



*Dignitaries displaying the technical bulletin during the field day*

## Field Day on Sunflower Hybrids

**AICRP ON SUNFLOWER, ZARS, UAS, GKVK**, Bengaluru in collaboration with Indian Institute of Oilseed Research, Hyderabad sponsored by Department of Agriculture & Farmers Welfare, GoI, New Delhi organized a Field Day on the demonstrated Sunflower hybrids on 11<sup>th</sup> February, 2023 under the project 'Revival of Sunflower Cultivation'. Totally, 36 Sunflower hybrids covering 16 private and 20 public sector hybrids were demonstrated to know their performances. Delegates from various public sector organizations, breeders, seed producers, farmers and private companies

participated and evaluated the hybrids for future reference. Dr. S.V. Suresha, Vice-Chancellor inaugurated the programme along with Dr. R.K. Mathur, Director, ICAR-IIOR, Hyderabad and Shri B.P. Srivastava, Dy. Commissioner (Seeds), DA & FW, New Delhi. Sunflower technical bulletin was released on Sunflower breeding and seed production activities. Dr. Hari Prakash Meena, Scientist, ICAR-IIOR, Hyderabad gave a brief on Revival of Sunflower cultivation.

## Students of UAS-B Excel in Competitions

**STUDENTS OF UAS, BANGALORE** participated in the 21<sup>st</sup> All India Inter Agricultural Sports and Games Meet held at Chaudhary Charan Singh Haryana Agricultural University, Hisar, Haryana from 20-24 February, 2023 and secured 'Overall Runners-Up' position in both men and women categories. In the group games, UAS-B was the winner in Basketball (women), Volleyball (men) and Badminton (men) games. **UAS-B STUDENTS** participated in the State level debate competition on cooperative movements held at Jnana Bharathi Campus, Bangalore University on 24<sup>th</sup> February, 2023. Ms. A. Bhavana, student of II Ph.D. (Food Science &



*Students with the Runner-up overall championship at CCSHAU*



*Vice-Chancellor & Officers with the winning team*

Nutrition) won the second prize at PG level while, Mr. P.M. Manoj, student of IV B.Sc. (Agri.) from CoA, V.C. Farm, Mandya won the consolation prize at UG level. **UAS-B STUDENTS** also participated in the 36<sup>th</sup> South East Zone Inter University Youth Festival (Gulfest) held at Gulbarga University, Kalaburgi from 27-31 January, 2023 and bagged the Overall 2<sup>nd</sup> Runner-up Championship. Students were winners in theatre and secured second position in dance and third position in literary categories.

## Commercialization of Technologies

**TECHNOLOGIES DEVELOPED BY BAKERY TRAINING UNIT** of UAS-B on Enriched gluten free cookies, Low fat foxtail millet biscuit and Coconut flour based nutri-strips were commercialized and the associated sale agreement was signed by Dr. Basave Gowda, Registrar of UAS-B with Ms. K.N. Amrutha, Entrepreneur from Malladihalli, Holalkere Taluk of Chitradurga District on 13<sup>th</sup> February, 2023. Dr. S.V. Suresha, Vice-Chancellor mentioned the significance of the agreement owing to celebration of International Year of Millets during 2023.



*Vice-Chancellor and Officers with the entrepreneur after the agreement*

### Exposure visit to Israel

**THE DELEGATES CONSISTING OF HON'BLE MEMBERS**, Board of Management of UAS, Bangalore namely Dr. P.H. Ramanjini Gowda, Shri T.M. Aravind, Shri O.S. Dayananda and Shri R. Srirama along with Dr. K.C. Narayanaswamy, Director of Education, UAS-B; Dr. Basave Gowda, Registrar, UAS-B; Shri Suresh Gouda Patil, Personal Secretary to the Hon'ble Minister for Agriculture, GoK and Dr. Mudalagiriappa, Chief Scientist, AICRP for Dryland Agriculture, UAS-B visited innovative agriculture and horticulture farms in Israel from



28<sup>th</sup> February to 3<sup>rd</sup> March, 2023. The team visited Kibbutz Ginosaur banana plantations of Jordan Valley, north-eastern parts of Israel, near the Sea of Galilee; Robotics Afikim dairy farm; Kibbutz SDE eliyahu pollination technologies and biological pest control unit-'Biobee', Caesarea; Carmel Market, Tel Aviv; International School of Agricultural Sciences, Rehovot; Netafim Centre for Agriculture Research; Grape vineyards and Kibbutz Kalia Desert Farming. The team acquired latest knowledge on soil and water conservation techniques, large scale protected cultivation of vegetables and fruits, fertigation technology using smart nutrients, use of recycled water for vegetable and fruit crops, adoption of on-farm post-harvest techniques, sterile-insect technique for integrated pest management, use of artificial intelligence like robotics for managing dairy farms, rearing of owls for rodent management, bumble bees under protected cultivation structures for effective pollination and high-density mango plantations for easy harvest to reduce the drudgery.

### Training-cum-input Distribution under TSP

**AICRP ON HONEY BEES & POLLINATORS**, AINP on Soil Arthropod Pest and AINP on Vertebrate Pest Management organised a one-day training programme-cum-input distribution under Tribal Sub Plan on 17<sup>th</sup> February, 2023 at Rangasamudra, Pavagada taluk, Tumakuru district. Participating in the event, Dr. S.V. Suresha, Vice-Chancellor advised the farmers to make use of improved crop production technologies developed by the University scientists and mentioned the opportunities in apiculture. Dr. K.B. Umesh, Director of Research, emphasised the importance of plant protection measures to manage wild boar, squirrels and white grubs in groundnut. Beekeeping kits, Tarpaulins, Ground nut seeds and farm implements were distributed to 125 beneficiaries of Tribal Sub Plan.

### Indo-German Conference-2023

**AS A PART OF INDO-GERMAN** collaborative research project, UAS, Bangalore in collaboration with Indian Partner Institutions and University of Kassel and University of Gottingen, Germany organized the Indo-German conference on 'Rural-Urban Transitions' at GKVK from 1-3 February, 2023. Dr. S.V. Suresha, Vice-Chancellor of UAS-B; Dr. K.B.



Umesh, Director of Research & Project Coordinator from UAS-B and Dr. Andreas Burkert from Germany inaugurated the conference on 1<sup>st</sup> February, 2023 and also released the conference abstract book. Scientists from UAS-B and other seven partner institutions in India, scientists from Germany, new partners from Morocco and Ghana, researchers from various parts of the world participated in the conference. In the conference, keynote talks, scientific talks, poster presentations and panel discussions were arranged on different themes pertaining to Rural-Urban Transitions of megacities. Dr. K.N. Ganeshiah, former Dean (PGS), UAS-B; the invited speakers (India and abroad); subject matter experts; scientists and representatives from the Government, NGO's, media personnel participated in the conference.

### Bi-monthly Technical Workshop

**THE PRE-KHARIF BI-MONTHLY WORKSHOP** of Mandya district to address and to prepare an action plan for the KSDA and for other line Departments was organized at ZARS, V.C. Farm, Mandya on 27<sup>th</sup> & 28<sup>th</sup> February, 2023. In view of the 'International Year Millets', a special guest lecture on 'Value added products of minor millets' was arranged. The crop wise problems identified by the KSDA field functionaries were discussed. The affected crop specimens brought by the field functionaries from different taluks were diagnosed and advisory services were provided by the Scientists. The Joint Director of Agriculture of the district presented the researchable issues. Field visit to Chikkagangawadi village of Mandya taluk was arranged. The field extension functionaries were exposed to pest infested Chrysanthemum & Marigold flower crops and related advisories. Group discussion was held with the farmers to document other field problems. On second day of the workshop, the field extension functionaries participated in the Farm Machinery Mela organized at ZARS, V.C. Farm, Mandya. Dr. D. Raghupathi, ADE coordinated the workshop.

### Millet Gallery Unveiled at Museum

**DR. S.V. SURESHA, VICE-CHANCELLOR** inaugurated the 'Millets Gallery' in consort with Dr. M. Loganathan, Director, NIFTEM, Thanjavur; Dr. K. Narayana Gowda, Director of Extension; Dr. K.B. Umesh, Director of Research and other dignitaries on 23<sup>rd</sup> February, 2023 at Agricultural Sciences Museum, GKV in commemoration of International Year of



*Vice-Chancellor inaugurating the millet gallery*

Millets-2023. It contains technology gallery, cartoon gallery, photo gallery and exhibition of value added millet products. The best photo, cartoon and millets ideal awards were given to Hands on Training (HoT) students of Group VIII-Agricultural Journalism & Multimedia Production and Food Processing. Dr. K.P. Raghuprasad, Professor & Head, ATIC, GKV coordinated the programme.

### Training Programme on IPM

**DEPARTMENT OF PLANT PATHOLOGY, CoA, GKV and Regional Central IPM Centre (RCIPMC), Bengaluru** jointly organized a five-day training programme on 'Integrated Pest Management' at GKV from 20-24 February, 2023 for the officers of Department of Agriculture & Sericulture and PG students. Dr. S.V. Suresha, Vice-Chancellor inaugurated the programme



*Dignitaries releasing the publication*

on 20<sup>th</sup> February and released the training manual. Dr. N.B. Prakash, Dean (Agri.) presided over the function. Dr. A. Siddiqui, Joint Director and Dr. D.K. Nagaraju, Deputy Director, RCIPMC were the chief guests. Dr. K.C. Narayanaswamy, Director of Education participated in the valedictory programme on 24<sup>th</sup> February and released the proceedings of the training programme accompanied by Dr. Venkatesha, Professor of Plant Pathology and Comptroller of UAS-B.

### Seminar on Spices and Aromatic Crops

**DISTRICT LEVEL SEMINAR** on 'Spices and Aromatic Crops' was organized by Medicinal and Aromatic section, Department of Horticulture, GKV at College of Agriculture, Chamarajanagara in Association with Krishi Vignana Kendra, Chamarajanagara



*Dignitaries releasing the book*

and CoA, Chamarajanagara with the financial assistance from Directorate of Arecanut and Spices Development, Calicut, Kerala on 15<sup>th</sup> & 16<sup>th</sup> February, 2023. Dr. K.C. Narayanaswamy, Director of Education, UAS-B inaugurated the programme and underlined the scope and importance of spices and aromatic crops, value addition and need for training the farmers. Dr. K. Narayana Gowda, Director of Extension, UAS-B was the chief guest. Dr. C. Doreswamy, Special Officer, CoA, Chamarajanagara; Deputy Director of Agriculture and Horticulture were present. Dr. K.N. Srinivasappa, Professor of Horticulture coordinated all events of the seminar.

### Other Activities

- **OPEN COUNSELLING FOR ADMISSION** to left over Under Graduate Seats in Farm Universities of Karnataka for the academic year 2022-23 was conducted on 22<sup>nd</sup> & 23<sup>rd</sup> February, 2023 at GKV, Bengaluru. Out of the 306 applications under KCET category and 263 applications under ICAR category, 75 candidates secured admission for various Under Graduate Degree programmes under ICAR quota; 59 candidates secured admission under KCET General quota and 28 candidates secured seats under KCET Agriculturists quota.
- **PROF. M.D. NANJUNDASWAMY'S** 87<sup>th</sup> birth anniversary was organized on 13<sup>th</sup> February, 2023 under the aegis of Prof. Nanjundaswamy Research Chair, Department of Agricultural Economics, UAS-B, GKV, Bengaluru
- **EXTENSION EDUCATION UNIT**, Organic Farming Research Station, Naganahalli, Mysuru organized off-campus crop seminar on 'Production technologies & value addition in Siridhanya (Minor millets)' on 3<sup>rd</sup> February, 2023 at Arasanakoppalu village of K.R. Nagara taluk
- **SIX PRIVATE & PUBLIC SECTOR** institutions had approached University's Placement Cell for selection of graduates during February, 2023. Three Institutes (Synthite industries Pvt. Ltd., Vst tillers tractors Ltd. & Reitzel India) have selected nine graduates for placement while, the other three institutions are processing the selection.

### Scientific Advisory Committee Meeting of KVKs

THE 20<sup>TH</sup> SCIENTIFIC ADVISORY COMMITTEE MEETING of ICAR-KVK, Mandya was conducted on 14<sup>th</sup> February, 2023 under the Chairmanship of Dr. S.V. Suresha, Vice-Chancellor. He advised to take up demonstrations in cluster approach for more visibility. He instructed the scientists to intensify the awareness programmes and conduct impact studies.



Vice-Chancellor observing the value added products at KVK, Mandya

Dr. N.T. Naresh, Sr. Scientist & Head of KVK presented the progress of activities related to FLD, OFT, Extension activities, Farm activities and others. Dr. K. Narayana Gowda, Director of Extension; Dr. S.S. Prakash, Dean (Agri.), CoA, Mandya; Dr. Kolekar, Nodal Officer, ATARI and other members participated in the meeting.

THE 11<sup>TH</sup> SAC MEETING OF ICAR-KVK, Ramanagara was conducted on 9<sup>th</sup> February 2023 under the chairmanship of Dr. K. Narayana Gowda, Director of Extension. He advised the KVK to give more importance to direct marketing, value addition and agri-tourism. Dr. Mallikarjuna Hanji, Chief Technical Officer, ATARI, Bengaluru represented the ATARI. Later the dignitaries performed 'Rashi Puja' of the harvested produce.

### Memorandum of Understandings

UAS, BANGALORE AND CENTRAL SILK BOARD signed a MoU to bolster teaching, research and extension activities in the field of Sericulture on 25<sup>th</sup> February, 2023.



MoU with Univeg Seed Technologies Pvt. Ltd.

UAS-B also signed a MoU with M/s Univeg Seed Technologies Pvt. Ltd., Hyderabad, Telangana on 25<sup>th</sup> February, 2023 for the commercialization / licensing of MAH-14-5 Maize hybrid.

### EDITORIAL COMMITTEE

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### Training Programme on Secondary Sericulture

DEPARTMENT OF SERICULTURE, CoA, GKV, Bengaluru organized a training programme on 'Value Addition and Secondary Sericulture' on 17<sup>th</sup> February, 2023. In his inaugural speech, Dr. S.V. Suresha, Vice-Chancellor said that its time that sericulture activities need to be diversified, to



Vice-Chancellor inaugurating the programme

think beyond silk production and make innovative strides that can further enhance the returns to farming community. Dr. N.B. Prakash, Dean (Agri.), CoA, GKV, Bengaluru presided over. Dr. K.C. Narayanaswamy, Director of Education; Dr. Siddayya, Nodal Officer, NODAEC to ICAR were the chief guests. Lectures were delivered on Preparation of Bio-crafts from waste cocoons by Prof. M. Vijayendra, Rtd. Professor, UAS, Bangalore; New opportunities in sericulture by-product utilization by Mr. B.V. Srinivas, MD, Aspertica Biotech Pvt. Ltd., Bengaluru and Utility of silk wastes from reeling industry by Dr. Maharaddi, former Scientist, KSSRDI, Bengaluru. More than 450 participants including farmers, representatives of FPOs & members of NGO and faculty of Department of Sericulture attended the programme.

### Training on Castor Production Technologies

AICRP ON CASTOR, GKV, Bengaluru organised a training programme on 'Improved castor production technologies and marketing' at Farmers Training Institute, GKV, Bengaluru on 28<sup>th</sup> February, 2023. Input dealers, entrepreneurs, extension workers, personnel of NGOs and farmers from Chitradurga, Tumakuru, Chikkaballapura and Bengaluru Rural Districts participated. Dr. V. L. Madhuprasad, Associate Director of Extension; Dr. M.S. Uma, Associate Director of Research and Dr. Yamanura, Breeder and Head, AICRP on Castor graced the occasion.

Book-Post

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