

UNIVERSITY OF HORTICULTURAL SCIENCES, BAGALKOT


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Vice-Chancellor's Outlook...


Dr. D. L. MAHESWAR

“Charms strike the sight, but merit wins the soul”. The University of Horticultural Sciences, Bagalkot has all the charms that strike the sight of millions as well as the merit to win the heart and soul of billions. During the period under report (Aug-Sept), many steps were taken towards taking the university to further heights in the field of teaching, research and extension. The foundation stone for College of Horticulture Engineering and Food Technology was laid by the Hon'ble Chief Minister of Karnataka Sri Siddaramaiah. A national symposium was organized on plant health management in relation to climate change and three MoUs were signed with International Potato Centre, Peru, AME Foundation, Bengaluru and Nourish INC, Bengaluru. Several extension activities on the crops like cashew, sweet potato, potato, turmeric, coconut, ginger, tomato were organized for the benefit of the farmers at various places, thus reaching the maximum number of farmers with latest technologies and helping them to double their farm income. The faculty members are encouraged to go abroad for better exposure.

Laying Foundation for College of Horticulture Engineering and Food Technology, Devihosur by Hon'ble Chief Minister



Foundation stone of College of Horticulture Engineering and Food Technology at Devihosur was laid out by Hon'ble Chief Minister of Karnataka, Sri Siddaramaiah in the gracious presence of Sri. Rudrappa M. Lamani, Hon'ble Minister for Endowment and Textile and In-charge Minister of Haveri District, Sri. S. S. Mallikarjun, Hon'ble Minister for Horticulture and Agricultural

Marketing and Pro-Chancellor, UHS Bagalkot, Dr. D. L. Maheswar, Hon'ble Vice Chancellor, UHS Bagalkot and other dignitaries and distinguished guests on 27.07.2017. The programme was presided over by Hon'ble MLA Sri. Basavaraj Shivannavar. The Hon'ble Chief Minister while laying the foundation stone for the establishment of Academic Complex of Horticulture Engineering and Food Technology conveyed his best wishes to develop the college on sound footing so as to cater the needs of processing and value addition of horticulture crops in the region. The Hon'ble Vice Chancellor heartily thanked Hon'ble Chief Minister, Ministers, MLAs, officials of District Administration, Police Department and the University for gracing the auspicious occasion.

EDUCATION

National symposium on “Emerging trends in plant health management in relation to climate change”



National symposium of Indian Phytopathological Society (IPS), South Zone on “Emerging trends in plant health management in relation to climate change” was organized by Department of Plant Pathology, COH, Bengaluru from 12th-13th Sept. 2017. Dr. K. Umsha, Dean, welcomed all the delegates. Organizing Secretary Dr. V. Devappa presented the details about the symposium and technical sessions to be deliberated. Dr. Dinesh Singh, Secretary, IPS presented the different activities of Indian Phytopathological Society. Dr. K. Ramaswamy, Hon'ble Vice Chancellor, TNAU, Coimbatore inaugurated the seminar. Dr. B. L. Jalali, Former Director of Research, HAU, Hisar

delivered the keynote address. Dr. D. L. Maheswar, Hon'ble Vice Chancellor, UHS Bagalkot released the abstracts cum souvenir of the symposium. In his presidential remarks, Dr. D. L. Maheswar emphasized the role of Plant Pathologists in mitigating the diseases of horticultural crops. Dr. H. Shivanna, Hon'ble Vice Chancellor, UAS, Bengaluru released a book entitled “Diseases of Ornamental crops” edited by Prof. V. Devappa. Dr. S. B. Dandin, Former Vice Chancellor, UHS Bagalkot and Dr. M. Dinesh, Director, IIHR, Bengaluru released the folders on disease management in mango and banana. Dr. Anjaneya Reddy, the Zonal Councilor (IPS) proposed the vote of thanks.

RESEARCH

Vice Chancellor's visit to Criyagen Agri and Biotech Pvt. Ltd. Bengaluru

Dr. D. L. Maheswar, Hon'ble Vice Chancellor along with Scientists of COH, Bengaluru viz., Dr.G. Basavaraj, Dr. Mamathalakshmi, N., Dr. Arun, M. and Mr. B. S. Lakshman Reddy visited Bio-Tech Park, Criyagen Agri and Biotech Pvt. Ltd., on 09.09.2017 located at Karim Sonnenahalli village of Bengaluru rural district. Dr. Basavaraj Girennavar, Chairman and Managing Director, Criyagen Agri and Biotech Pvt. Ltd., welcomed the team and explained about various R & D activities / initiatives / services of Criyagen. Further, he discussed about MoU for co-operation and collaboration between UHSB and Criyagen for academic and R & D activities.



Signing of MoU by UHS, Bagalkot



MoU with CIP, Peru



MoU with AME Foundation



MoU with Nourish INC, Bengaluru

On behalf of the University of Horticultural Sciences, Bagalkot, Dr. D. L. Maheswar, Hon'ble Vice Chancellor signed MoU with International Potato Centre (CIP), Peru, AME Foundation, Bengaluru and Nourish INC, Bengaluru on 19.09.2017 at Regional Centre, Bengaluru represented respectively by Dr. Samarendu Mohanthy, Asia Regional Director, CIP, Peru, Mr. K. V. S. Prasad, Executive Director, AME Foundation, Bengaluru, Ms. Rajashree D. Kamble, Director, Nourish INC, Bengaluru who signed the MoU on behalf of the respective organizations. Dr. Ashok S. Alur, Special Officer, PPMC, UHS, Bagalkot witnessed the occasion.

Inauguration of Sweet Potato processing and value chain project at Dharwad



Sweet Potato Processing and value chain Project was launched at Dharwad on 26.08.2017. The Project was sponsored by KSDH, GOK to NOURISH INC Company of Bengaluru under PPP-IHD funds. Sri Vinay Kulkarni, Hon'ble Minister for Mines and Geology, GOK & District In-charge, Dharwad, inaugurated the function. During the occasion, UHS, Bagalkot signed MOU as a Co-Partner specially for supply of seedlings and transfer of technology. Dr. D. L. Maheswar, Hon'ble Vice Chancellor, UHS Bagalkot was the Chief Guest and Dr. K. Ramachandra Naik, Professor and Head, AICRP on

Tuber Crops, Dharwad spoke on the technical aspects of tuber crops and their post harvest technology. Dr. L. N. Hegde, ADRE, Dharwad and the scientists Dr. Suvarna Patil, Mr. Sridhar and Mr. Laxman Padnad from RHREC, Dharwad were present. More than 1000 farmers participated in the inaugural function.

EXTENSION

Inauguration of "Sankalp Se Siddhi" programme at KVK, Kolar

Sankalp Se Siddhi Programme was inaugurated by Sri K. H. Muniyappa, Hon'ble Member of Parliament, Kolar on 30.08.2017 at KVK, Kolar. In his inaugural speech, Sri K. H. Muniyappa has emphasized on the judicious use of irrigation water, fertilizers and agricultural chemicals. He also stressed the importance of the organic inputs from the livestock and their use in agriculture. While highlighting the seven points agenda of the Union Government to achieve the target of doubling the farmers' income, called upon the farming community to make best use of the available resources and various schemes



available for the farmers in the developmental departments for doubling the income through integrated farming system approaches. Dr. S. Bhaskar, Assistant Director General, ICAR, New Delhi highlighted the importance of seven point agenda of the GOI and advised oath to all the delegates and other participants in the *Sankalp Se Siddhi* programme. Shri R. Chowdareddy, Hon'ble Member of Legislative Council and the member, BOM, UHS, Bagalkot, Dr. J. Venkatesh, Former Director of Research, UHS, Bagalkot, Dr. V. Nache Gowda, Director of Research and Dr. B. G. Prakash, Dean, COH, Kolar graced the occasion.

District Level Cashew Seminar and Exhibition at Mysuru

District Level Cashew Seminar and Exhibition was organised by UHS, Bagalkot in association with the Directorate of Cashew nut & Cocoa Development (DCCD), GOI, Kochi, at HEEU, COH, Mysuru on 01.09.2017. The programme was inaugurated by Dr. V. Nache Gowda, Director of Research by illuminating the lamp and addressed the gathering. He informed that the horticulture colleges shall work towards supply of quality cashew planting materials and assist the farmers in doubling their farm income. Chief guest Dr. M. Gangadhar Naik, Director, Directorate of Cashew Research, Puttur shared his experiences on 'Opportunities and problems in cashew production'. An extension bulletin "Cashew- A Farmers' Guide" was released by the progressive farmer Shri, Nagaraju of Shidlaghatta, Chikabalapur Dist. Dr. Ramakrishnappa, Belvala Foundation, Mysuru and Dr. Arun Balammtti, Head, ICAR-KVK, Suttur graced the occasion. The programme was presided by Dr. Janardhan, G., Dean, COH, Mysuru.



Mandya, Hassan and Kolar district participated in the training programme. Dr. Pallavi, H. M. anchored the programme.

Workshop: Popularization of Selected Technologies for Doubling Farmers Income

One day workshop on “Popularization of Selected Technologies for Doubling the Farmers Income” was organized by KVK, Kolar on 23.08.2017 at Holuru village of Kolar in collaboration with Sri Kshetra Dharmasthala Rural Development Project, Kolar and MYRADA, Kolar. Inaugurating the programme, Sri Ashok Kumar, Progressive Farmer opined that the farmers should make use of improved technologies in various crops for enhancing their income. Sri K. Thulasi Ram, Senior Scientist and Head, KVK, Kolar informed the house about the background of the programme, the goal of Union Government for doubling the farmers income by 2022. During the technical session, Dr. Nagaraja, K. S. gave detailed information on water, nutrient and canopy management in mango. Dr. Noorulla Haveri explained about the important diseases and their eco-friendly management. Dr. Raghunatha Reddy spoke on alternate methods of sowing in ragi. Dr. Shashidhar K. S. gave elaborative information on the scope and need of tree mulberry cultivation.



Field Day cum Technology Demonstration on Potato



Field day on Potato was organized under AICRP on Potato at HRES, Hassan on 05.09.2017 in association with HEEU, Arsikere, KVK, Hassan, Department of Horticulture and Agriculture, Hassan. Field day was inaugurated by Dr. V. Nachegowda, Director of Research, UHS, Bagalkot. Dr. H. P. Maheshwarappa, Project Coordinator, AICRP on Palms, CPRI, Kasaragod, Kerala and Shri. A. B. Sanjay, Deputy Director of Horticulture, Hassan were the chief guests. The farmers were shown potato varietal experiments and other AICRP experimental plots. The result demonstration on paired row system with drip and fertigation was also arranged in the field for the benefit of potato growers. In addition, farm equipments viz., automatic potato harvester, bed maker and other tractor drawn implements were exhibited for the benefit of farmers. During the programme, different potato varieties were also displayed. More than 150 farmers participated in the Field day.

Capacity Building Program cum Exhibition on Turmeric

To commemorate the 'Horticulture Day', the birth anniversary of Dr. M. H. Marigowda, “Capacity building program cum exhibition on Turmeric” was organised by HEEU, COH, Mysuru in association with Directorate of Arecanut & Spices Development (DASD), Calicut on 08.08.2017. Dr. D. R. Patil, ADRE highlighted objectives of the training programme thanked DASD, Calicut for financial support for organizing the training programme. Dr. Babulal Meena, Assistant Director, DASD, Calicut inaugurated the programme and highlighted about farmers centric programmes of the directorate.



Chief guest Dr. D. L. Maheswar, Hon'ble Vice Chancellor, UHS, Bagalkot appreciated the efforts of Horticulture Experiential Learning students in developing the turmeric seedlings through portray method and distributing to the farmers and thus bringing down the cost of production drastically. Dr. V. Nache Gowda, Director of Research while addressing the gathering, advised the faculties to select need based research programme to address the farmers' problems. Dr. Janardhan, G., Dean, COH, Mysuru presided. During the technical sessions, Dr. Pallavi, H. M. spoke on quality seed rhizome production. Mr. Harish, B. S., highlighted about Good Horticultural Practices in Turmeric production. Lectures on Integrated Disease and Pest management in Turmeric were delivered by Mr. Sudarshan, G. K. and Dr. Muthuraju, G. P., respectively. Dr. Tanveer Ahmed discussed about the economics of turmeric production in Karnataka.

World Coconut Day at Arsikere

World Coconut Day was celebrated at HREC, Arsikere on 02.09.2017. Dr. Maheswarppa, Programme Coordinator on Palms, CPCRI, Kasragodu inaugurated the programme. Dr. Nachegowda, Director of Research, Shri Manohar Maski, President, Sate Cooperation Society, Shri H. Gangadarayya, Managing Director, Coconut Producers Company, Kunigal graced the inaugural function. More than 500 coconut growers from five districts of Karnataka participated and gained the knowledge regarding value added products of coconut.



Recent advances in cultivation of Ginger & Value addition-Capacity building program



COH, Bidar in collaboration with Directorate of Arecanut and Spice Development, Calicut and Department of Horticulture, Bidar organized one day training on 'Recent advances in cultivation of ginger and its value addition for livelihood security' on 12.09.2017. Inaugurating the programme, Dr. Y. K. Kotikal, Director of Extension stressed need for production of quality ginger and suggested to process ginger to avoid fluctuation in prices and suggested to extract oleoresin from dry ginger to get higher returns. Dr. Sunilkumar N. M., Scientist, KVK, Bidar spoke about suitability of ginger cultivation and its productivity under Bidar condition, which is higher than national average. Dr. D. R. Patil, ADRE graced the occasion. Dr. Ravindra Mulge, Dean, COH, Bidar presided over the function. The technical bulletin, comprising of various cultivation technologies and value addition, was released. Various processed products of ginger were exhibited by the final year students. More than 100 farmers from Bidar district, staff and students participated in the programme.

Tri- Monthly Horticulture Workshop at COH, Bengaluru



Tri-monthly Horticulture workshop for officers of State Department of Horticulture, Bengaluru Urban, Bengaluru Rural and Tumkur was organized in collaboration with RHREC, HEEU, Bengaluru and Karnataka State Department of Horticulture at COH, Bengaluru on 07.09.2017. Extension functionary of Dept. of Horticulture actively participated in the deliberations and got latest information from the Subject Matter Specialists. Dr. Prasad, DDH, Bengaluru Urban and Dr. Vishnuvardhan, ADRE highlighted the importance of organizing tri-monthly workshop and motivated the officers to work for development of horticulture in particular and farming community in general. Dr. S.V. Patil, Head, HEEU, Bengaluru and Dr. Anjanappa, Professor of Vegetable Science and Scientists from RHREC,

Bengaluru graced the occasion. Based on the identified problems in Tumkur and Bengaluru Urban district, various lectures were delivered by the Scientists viz., Dr. Sangeetha on "Integrated disease management in vegetables and fruit crops". Dr. G. K. Ramegowda on "Integrated pest management in vegetables and fruit crops" and Dr. Anil Kumar S. on "Importance of fertigation in Horticulture crops".

Field Day on Tomato - Arka Rakshak



Field Day on "Tomato F1 Hybrid-Arka Rakshak" was organized by HEEU, Arabhavi in collaboration with KRCCH, Arabhavi and IIHR, Bengaluru on 02.09.2017 at Sangankeri village of Gokak Tq. The programme was presided by the Hon'ble Vice Chancellor, **Dr. D. L. Maheswar**. In his presidential remarks, he mentioned that Arka Rakshak hybrid is "Farmers Rakshak", Income Rakshak and Consumer Rakshak. Farmers can get 110-120 tons per hectare by following advanced production technologies. Dr. Y. K. Kotikal, DE opined that field day like the one organized will help farmers to get all related technologies at one place. Dr. Hebbar, Principal Scientist, IIHR, Bengaluru spoke on production technologies of Tomato F1 hybrid-Arka Rakshak. Dr. Chaya P. Patil, Dean, KRCCH, Arabhavi graced the occasion. Dr. Kantharaju V., Extension Leader, HEEU, Arabhavi coordinated the programme.

UHS Participation in Krishimela of UAS, Dharwad

Directorate of Extension, UHS, Bagalkot, Dean, KRCCH, Arabhavi, Dean, COH Sirsi, Head, HREC, Devihosur and RHREC, Dharwad staff jointly represented UHS, Bagalkot at Krishimela of UAS, Dharwad from 22-25th Sept. 2017. UHS technologies were exhibited very systematically. **Dr. D. L. Maheswar**, Hon'ble Vice Chancellor, Dr. Y. K. Kotikal, Director of Extension and Dr. L. N. Hegde, ADRE visited the UHS stall and appreciated the efforts of scientists in exhibiting the UHS technologies and publications.



Fireless cooking food competition at Bagalkot



Competition on fireless cooking of fruit and vegetable foods was organized by Directorate of Extension, NSS Unit, COH, Bagalkot in collaboration with Bagalkot Habba, Hotel Association, Bagalkot and Vijayakarnataka Newspaper on 11.09.2017. Inaugurating the function **Dr. D. L. Maheswar**, Hon'ble Vice Chancellor suggested that use of grains, vegetables and fruits have more role in eradicating the malnutrition. More than 60 women participated and prepared about 48 recipes. Sri Yallappa Uppin, State Level NSS officer, Dr. Y. K. Kotikal, Director of Extension graced the occasion. Smt. Jaya Patil and Smt. Pooja Patil got first and second prize respectively. Third prize was shared by Smt. Shwetha Hosamath and Smt. Bharathi Doddamani.

Farmers Health Campaign at Arabhavi

Farmers Health Campaign was organized under the project sponsored by Karnataka Agriculture Price Commission on "Enhancing Income and welfare of Farmers" at Madawala village, Gokak Tq. by KRCCH, HEEU, Arabhavi in collaboration with KSDA, Belagavi, Kasturba Medical College, Manipal, KVK, Tukkanatti and Mattikoppa on 04.08.2017. Dr. Chaya P. Patil, Dean, KRCCH, Arabhavi presided over the function. Sri Venkatarama Reddy Patil, JDA, Belagavi, Dr. Naratti, DHO, Belagavi, Dr. Shankar M. Bakkannavar, KMC, Manipal, Scientists of KAPC Project, Officers of line departments and more than 100 farmers participated in the health campaign. Dr. Kantharaju V., welcomed and proposed the vote of thanks.



World Honey Bee Day at Sirsi



World Honey Bee day was organized at COH, Sirsi in collaboration with HEEU, Sirsi and Department of Horticulture, Sirsi on 19.08.2017. **Dr. D. L. Maheswar**, Hon'ble Vice Chancellor inaugurated the function by feeding the syrup to honey bees. In his inaugural address, elaborated the importance of bee keeping in the country to enhance yield in horticulture crops and called upon the farmers to form producers' organization. On the occasion, Hon'ble Vice Chancellor distributed the certificates of National Bee Board to 43 Uttara Kannada progressive bee keepers and also released extension leaf folders and a book for the benefit of the bee keepers. Dr. S. I. Athani, Dean presided over the function. Mr. Raghunatha R, Assistant Professor of

Entomology organized an exhibition on bee keeping equipments and value added products and also panel discussion with progressive bee keepers and UHS Scientists.

World Honey Bee Day celebrations at various campuses



HEEU, KRCCH, Arabhavi



HEEU, Bagalkot



HEEU, COH, Bidar



HEEU, COH, Bengaluru



KVK, Kolar



HEEU, Vijayapura



HEEU, Yadgir



HEEU, COH, Koppal

Independence Day Celebration at Different campuses of UHS, Bagalkot



UHS, Bagalkot



KRCCH, Arabhavi



COH, Sirsi



COH, Bengaluru



COH, Mysuru

Horticulture Day Celebration



COH, Bengaluru



COH, Bidar



KRCCH, Arabhavi

Visits Abroad



Dr. Manjunath G., Assistant Professor of Plant Pathology has attended the IV International Symposium on Pomegranate and mediterranean fruits held at Elche, Spain from 18-22nd September, 2017 and presented plenary lecture entitled " Pathogen whole genome sequencing, host-pathogen interactions and options for IDM module"



Dr. Dadapeer A. Peerajade, Assistant Professor of Genetics and Plant Breeding has presented a paper on "Morphological characterization of gamma irradiated seed derived progenies and germplasms of pomegranate in India" at IV International Symposium on Pomegranate and mediterranean fruits held at Elche, Spain from 18-22nd September, 2017.

Best Poster Awards



Dr. Kantharaju.V., Associate Professor of Plant Pathology and Head, AICRP on Fruits, KRCCH, Arabhavi received Best Poster Award for the poster presentation entitled "Survey for diseases of banana in Northern Karnataka" in the National Symposium on "Emerging trends in plant health management in relation to climate change" held at COH, Bengaluru from 12-13th Sept. 2017.



Dr. Prasad P. S., Assistant Professor of Plant Pathology, AICRP on Potato, HREC, Hassan received Best Poster Award for the poster presentation entitled "Management of late blight of Potato by using fungicides" in the National Symposium on "Emerging trends in plant health management in relation to climate change" held at COH, Bengaluru from 12-13th Sept. 2017

Forthcoming Programmes

- * UHS 9th Foundation Day : 22.11.2017
- * Totagarike Mela : 22.12.2017

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 Directorate of Extension
 University of Horticultural Sciences, Udyanagiri
 Bagalkot- 587 104, Karnataka, India

UHS IN THE NEWS

‘ಟೊಮೆಟೊ ಸಂಕರಣ ತಳಿ ಅರ್ಹ ರಕ್ಷಕ, ರೈತರ ರಕ್ಷಕ’

ಟೊಮೆಟೊ ಸಂಕರಣ ತಳಿ ಅರ್ಹ ರಕ್ಷಕ, ರೈತರ ರಕ್ಷಕ. ಉತ್ತಮ ರುಚಿ ಮತ್ತು ಹೆಚ್ಚಿನ ಉತ್ಪಾದನೆ ನೀಡುವ ಈ ಹೊಸ ತಳಿ ರೈತರನ್ನು ಸಂತೋಷಿಸುತ್ತದೆ. ಇದರ ಬಳಕೆ ಮಾಡಿದರೆ ರುಚಿ ಮತ್ತು ಹೆಚ್ಚಿನ ಉತ್ಪಾದನೆ ಸಾಧ್ಯವಾಗುತ್ತದೆ. ಈ ಹೊಸ ತಳಿ ರೈತರನ್ನು ಸಂತೋಷಿಸುತ್ತದೆ.

ಬೆಂಗಳೂರಿನಲ್ಲಿ ನಡೆಸಿದ ಸಂಶೋಧನಾ ಸಭೆಯಲ್ಲಿ ಅಧಿಕಾರಿಗಳಿಗೆ ಮಾಹಿತಿ ನೀಡಲಾಯಿತು. ಬೆಂಗಳೂರಿನಲ್ಲಿ ನಡೆಸಿದ ಸಂಶೋಧನಾ ಸಭೆಯಲ್ಲಿ ಅಧಿಕಾರಿಗಳಿಗೆ ಮಾಹಿತಿ ನೀಡಲಾಯಿತು.

ತೋಟಗಾರಿಕೆ ವಿಭಾಗದ ವಿಜಯೋತ್ಸವದ ಪ್ರಾಚಾರ್ಯಕೆ ಬಲೆ ಇಲ್ಲದೆ ಸತ್ವಯುತ ಆಹಾರ ತಯಾರಿಕೆ...!

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PUBLISHER : DR. D. L. MAHESWAR
 Vice Chancellor

EDITOR : DR. Y. K. KOTIKAL
 Director of Extension

Assistant Editors: Dr. Mahesh Y. S.
 Assistant Professor of Plant Pathology

Mr. M. A. Waseem
 Assistant Professor of Agril. Entomology

Dr. Vijaymahantesh
 Assistant Professor of Agronomy

Layout & Design : Mr. Rudra Naik, Senior Assistant

Contact Address : Phone (O): 08354-230101/230105
 e- mail:de@uhsbagalkot.edu.in
 Website : www.uhsbagalkot.edu.in

UHS Toll Free No. : 1800 425 7910