

UNIVERSITY OF HORTICULTURAL SCIENCES, BAGALKOT


UDYANA VARTHE
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Vice-Chancellor's Outlook...


Dr. D. L. MAHESWAR

Agricultural Education is not just education for life, but it is life itself. University of Horticultural Sciences, Bagalkot has entered into its tenth year of imparting quality education, conducting need based Research and effective transfer of technology through its established campuses all over the state. While celebrating its ninth foundation day, it is time to look back what all has been achieved and what is to be achieved. Our vision needs to be modified in the light of demand by the society, changing scenario of problems in horticultural crops and dire needs of the farming community. Several programmes including ICAR sponsored short course, intercollegiate sports meet, youth festival, capacity building programmes on Ginger, Sweet potato, Papaya, Mushroom cultivation, Protected farming etc., workshops and field days were organized during the months of October-November. But the impact of all these programmes have to be studied and the future programmes need to be reoriented based on such impact studies. Much dedicated efforts of faculty are required to carry forward.

Foundation Day of UHS, Bagalkot



Ninth Foundation Day of University of Horticultural Sciences, Bagalkot was celebrated on 22nd November, 2017. Dr. B. N. Srinivasa Murthy, Horticulture Commissioner, Govt. of India, Ministry of Agriculture and Farmers Welfare, New Delhi, inaugurated the function in an unique manner by displaying the varieties of all horticulture crops released by UHS, Bagalkot. Late Dr. Manmohan Attavar, President, Indo American Hybrid Seeds Ltd. Bengaluru, Dr. D. L. Maheswar, Hon'ble Vice Chancellor and Members of Board of Management, UHS Bagalkot, were present on the dais. Dr. B. N. Srinivasa Murthy delivered the foundation



Best Teacher Award

Best Research Scientist Award

Best Extension Scientist Award

Project Incentive Award

Best Non Teaching Award

day speech. The meritorious students, selected for Donor's Scholarship were felicitated along with the donors. Further, the teachers and the students who got State and National level awards in sports, NSS and cultural events, were also honoured. Dr. A.P. Mallikarjuna Gowda Asst. Professor (PSMA), College of Horticulture, Bangalore, Dr. N. K. Hegde, Professor (Horticulture) College of Horticulture, Sirsi, Dr. Praveen Jhologiker, Asst. Professor (Fruit Science) College of Horticulture Bidar were honoured with “Best Teacher Award”, Dr. R. K. Mesta, Professor (Plant Pathology) College of Horticulture, Bagalkot was honoured with “Best Research Scientist Award”, Dr. S. V. Patil, Professor, RHREC, Bengaluru was honoured with “Dr. S. B. Dandin Best Extension Scientist Award”, Dr. Praveen Jhologiker, Asst. Professor (Fruit Science), College of Horticulture, Bidar received the “Project Incentive Award” and Mrs. Suvarna Kotrannavar, Superintendent (General), Office of the Registrar, and Mr. Ravindra N. Pujar, Senior Electrical Wireman, Estate Office, were awarded with “Best Non Teaching Staff Award” for the year 2017-18.

EDUCATION

National Symposium: Innovative Approaches for Detection, Diagnosis and Management of Plant Diseases



National Symposium on “Innovative approaches for Detection, Diagnosis and Management of Plant Diseases” was organized by Dept. of Plant Pathology, COH, Bagalkot in collaboration with Indian Society of Mycology and Plant Pathology, MPUAT, Udaipur during 9-10th October, 2017. Professor S. R. Niranjana, Hon'ble Vice Chancellor, Gulbarga University, said that the detection of pathogen is a very important step in disease management. He appreciated the achievements of UHS, Bagalkot under the able leadership of Vice Chancellor Dr. D. L. Maheswar. Dr. C. Manoharachari, Retired Professor, Osmania University, Hyderabad delivered the keynote address on 'Biodiversity of Fungi'. Dr. D. L. Maheswar, released the 'Book of Abstracts' and urged the participating scientists to come out with new strategies to manage the diseases. Dr. H. B. Patil, Dean COH, Bagalkot welcomed all the delegates. Dr. R. K. Mesta, Professor and Organizing Secretary presented the details about the symposium and technical sessions to be deliberated. Dr. V. Nachegowda, Director of Research graced the occasion. More than 200 scientists from different states participated in the symposium and presented their research findings. Totally 17 lead lectures, 20 oral presentations and 100 poster presentations were delivered during the symposium.

ICAR Short Course at COH, Bengaluru



ICAR sponsored short course on “Prospecting biological agents for the management of diseases in horticultural crops” was organised from 13-22 November, 2017 at COH, Bengaluru. Dr. S. B. Dandin, Former Vice Chancellor of UHS, Bagalkot inaugurated the programme and highlighted the role of biological agents in maintaining the nature's equilibrium. The Course Director, Dr. V. Devappa, along with Dr. K. Umesh, Dean, Bengaluru and Dr. M. K. Honnabyraiah, Staff Advisor, were present during the programme.

Intercollegiate Athletic Meet at Bagalkot



Ninth Intercollegiate athletic meet was organized at UHS Bagalkot from 25th to 26th November 2017. The Athletics meet was inaugurated by Sri. Shivayogi Kalasad, Commissioner, Land Acquisition, Resettlement and Rehabilitation of Upper Krishna Project, Bagalkot & Regional Commissioner, of Belagavi Revenue division. Athletics & Games meet was successfully organized under the overall supervision of Dr. M.S. Kulkarni, Dean, Students Welfare, UHS, Bagalkot and assisted by Dr. R.M. Hiremath, Asst. Prof. of Physical Education (ADSW). COH, Kolar has won the overall championship and COH, Bagalkot

bagged the runners up position. More than 400 students from nine colleges have participated in the athletic meet. All the officers of the university were on the dais during the occasion and witnessed the competitions.

Intercollegiate Youth Festival at Arabhavi

Ninth Inter collegiate youth festival of the UHS, Bagalkot was held at Kittur Rani Channamma College of Horticulture, Arabhavi from 28.10.2017 to 30.10.2017 for three days under the name "**KALA-ANKUR**". Dr. Sabiha Bhoomigowda, Hon'ble Vice-Chancellor, Akkamahadevi Women's University, Vijayapura inaugurated the youth festival along with Dr. D.L. Maheswar, Hon'ble Vice-Chancellor, UHS, Bagalkot. The chief guest Dr. Sabiha Bhoomigowda, speaking on childrens learning progress from primary education to secondary education, appealed to the present youths to spend more time in cultural and sports activities rather than spending time on whatsapp and facebook etc., Later, Dr. D. L. Maheswar, Hon'ble Vice-Chancellor, UHS, Bagalkot and Board Members of UHS, Bagalkot addressed the students during inaugural function. It was organized by Dean, and staff of KRCCH, Arabhavi in co-ordination with the Dean, Students Welfare. All the teams from nine colleges participated in various events like, Music (Light vocal, group song and patriotic song), One act play, Mime, Fine arts and group dance etc., The overall championship was bagged by KRCCH, Arabhavi while College of Horticulture, Bagalkot got the runners up position.



EXTENSION

Training Programme on Protected Farming



Horticulture Extension Education Unit, College of Horticulture, Bidar in collaboration with Department of Horticulture, Humanabad organized the training on 'Protected Farming in Horticulture Crops' on 12-10-17 at College of Horticulture, Bidar. The programme was inaugurated by Dr. Ravindra Mulge, Dean, College of Horticulture; Bidar by lightning lamp. During inaugural address, he emphasized on need for precision farming and crops suitable under protected condition. Shri. Shankar Patwari, Senior Assistant Director of Horticulture, Bidar stressed on importance of greenhouse cultivation, advantages and financial assistance available from the department. Dr. Srinivas N., Dr. Praveen Jhologiker, Dr. Ravindra Mulge, Dr.

Vijaylaxmi P, Dr. Satyanarayana C. and Dr. Arunakumar K.T. delivered lectures on various aspects of greenhouse cultivation of vegetables and flowers. Dr Srinivas N, Extension leader, Horticulture Extension Education Unit and Dr Md. Farooq, Associate Professor of PMA organized the programme.

Training Cum Field Day on Sweet Potato at Dharwad



Training cum field day on sweet potato was organized by HEEU, Dharwad in collaboration with AICRP (Tuber crops), RHREC, Kumbapur, Dharwad on 9-11-2017. Dr. D. L. Maheswar, Hon'ble Vice Chancellor inaugurated the programme along with Smt Rajeshwari Kamble, Director, Nourish Inc company, Shri Dyamanna Revannavar, President of FPO, Shri Ramachandra Madivalar, Deputy Director of Horticulture, Dharwad and Dr Ramachandra Naik Head, RHREC, Kumbapur. Dr. D. L. Maheswar, Hon'ble Vice Chancellor, opined that sweet potato was considered as a breakfast food during special occasions, but owing to its nutritional importance, now a days it has attracted world attention and has become a staple food in US, UK and in India also. The chief guest of the function and president of FPO, Dharwad Shri. Dyamanna Revannavar stressed the need for establishment of sweet potato starch processing industry at Dharwad. Dr Ramachandra Madivalar Deputy Director of Horticulture, Dharwad spoke about the facilities available from Department of Horticulture. Shri. Shivayogi president of FPO from Davangere district appreciated the efforts made by UHS, Bagalkot by giving new vision to sweet potato crop. Dr. Suvarna Patil, Head, HEEU coordinated the programme. Dr. Ramachandra Naik spoke on production and post harvest management of sweet potato. More than 200 farmers were present during the occasion.

Field Day on Papaya Cultivation at Bidar

Horticulture Extension Education Unit, under Integrated Farming System Unit-II of College of Horticulture, Bidar organized Papaya Field day on 27-11-2017 at fields of Maruti Biradar of Chadanhalli. Sri Parameshwar Patil, Member, Taluka Panchayat, Humnabad inaugurated the field day and advised the farmers for successful cultivation of papaya following the Good Agricultural Practices and emphasized on plant protection measures for successful management of viral diseases. Dr. Ravindra Mulge, Dean, College of Horticulture, Bidar, in his presidential remarks emphasized importance of integrated farming system and advised farmers to use of 'Horti App' for getting the comprehensive information on horticulture crops. Shri. Shankar Patwari, Senior Assistant Director of Horticulture, Bidar, Kumari Triverni, Assistant Horticulture officer, RSK, Dubulgundi, Dr Tippanna K S, Dr. Arunkumar KT, Dr Ashok Suryawenshi, Dr. Praveen Jholgiker and Dr. Satyanarayana C. spoke on various aspects of papaya cultivation and processing. Dr. Dhananjya P, PI- IFS-II, narrated about various activities taken up under IFS-II in the cluster villages. Dr Srinivas N, Extension leader, Horticulture Extension Education welcomed the gathering and Dr. Tippanna K.S. proposed vote of thanks. About 100 farmers and students of COH, Bidar were present.



Farmers to Farmers Training Programme at Sirsi



Farmers to Farmers training programme was organized at College of Horticulture, Sirsi by Horticulture Extension Education unit, Sirsi and Department of Agriculture, Government of Karnataka from 08.11.2017 to 10.11.2017. Hon'ble Vice Chancellor Dr. D.L. Maheswar, inaugurated the programme and addressed the farmers, highlighting the importance of horticulture in Karnataka and advising the farmers to adopt new technologies to enhance the yield and income. Dr. S. I. Athani, Dean COH, Sirsi, presided. Dr. Pushpa. P, Extension leader, HEEU, Dr. Shivanand Hongal and Dr. Shivakumar. K. M., SMS, HEEU, were present.

Training on Mushroom Cultivation at Bidar



Horticulture Extension Education Unit, College of Horticulture, Bidar in collaboration with Department of Horticulture, Bidar organized the training on 'mushroom cultivation' on 16-11-2017 at College of horticulture, Bidar. The programme was inaugurated by Dr. Ravindra Mulge, Dean, College of Horticulture, Bidar. During his inaugural address, emphasized on nutritional importance of mushroom and advised the farmers to take this mushroom cultivation as a subsidiary activity. Shri. Shivaputra Shambu, Senior Assistant Director of

Horticulture, Bidar participated as a chief guest, appealed to the farmers to take up the mushroom cultivation as a house hold activity for sustainable livelihood. Dr Srinivas N, Extension leader, Horticulture Extension Education Unit coordinated the programme and Smt. Bellishri, Assistant professor of Microbiology spoke on mushroom cultivation with practical demonstrations. The folder was released on the occasion on mushroom cultivation. During the programme 60 farmers participated and witnessed the mushroom cultivation practices.

Training on Irrigation Management and Budgeting For Extension Workers of MYRADA at Bagalkot

MYRADA sponsored training programme on water management and water budgeting was organized at Directorate of Extension, UHS Bagalkot for three days from 7th to 9th Nov, 2017 to field functionaries of MYRADA an NGO working with watershed projects. The programme was inaugurated by Dr. Y. K. Kotikal, Director of Extension. The Scientists of UHS Bagalkot delivered relevant water related technical inputs to the trainees. The major emphasis was on irrigation sources, water conservation, rain water harvesting, cropping pattern in watershed areas and irrigation methods such as drip and sprinkler irrigations. The training was also linked to field visits of Government sponsored mega irrigation project area at Ramthal in selected blocks of Hungund Taluk. The trainees could witness the horticultural crops grown under optimum irrigation systems implanted by NETAFIM and JAIN irrigation companies in the project area. Dr. Vijayamahantesh and Mr. Waseem coordinated field visits of trainees. In all, 30 MYRADA field staff attended the training and took good mileage from the training.



Trimonthly Workshop for Extension Officers of KSDH at Bagalkot



Trimonthly workshop was organized for discussing the field problems experienced by the field staff and officers of KSDH on 27.11.2017, at Directorate of Extension, UHS Bagalkot. The Deputy Directors of Horticulture from Bagalkot, Vijayapur and Belagavi along with their technical staff participated in the workshop and discussed the emerging issues of horticulture with the concerned scientists of UHS Bagalkot. The trimonthly workshop was formally inaugurated by Dr. Y. K. Kotikal, Director of Extension. The field problems in the area of Vegetable Science, Fruit Science, Floriculture and MAP were discussed. The trimonthly workshop was organized with the funding support of KSDH. The workshop was coordinated by Dr. S Shashikumar, Extension Leader, UHS, Bagalkot, wherein 92 officers of KSDH participated in all the deliberations.

Farmers to Farmers Training Programme at Arasikere



Mr. Ravishanker and Mr. Omkar murthy interacted with other farmers regarding their innovative technologies in the field. Later the farmers visited the progressive farmer fields and interacted with them, during subsequent two days.

Training programme for farmers to farmers was organized at Horticulture Research and Extension Centre, Arasikere from 28.11.2017 to 30.11.2017. Dr. Amar Nanjundeshwara inaugurated the function and addressed the farmers regarding the role of horticulture crops in health and nutrition. Dr. R. Siddappa, Head, HREC Arasikere advised the farmers to adopt recent technologies in horticulture to increase their income. During the programme Dr. Manjunath, SMS of Plant Pathology, Dr. Chandrashekar, SMS of Entomology and progressive farmers Mr. Manjunath,

Training of Master Trainers (ToMT) at Bagalkot

The Training of Master Trainers (ToMT) was held from 13-15th November 2017 at Directorate of Extension, UHS, Bagalkot jointly organised by Agricultural Skill Council of India and University of Horticultural Sciences, Bagalkot. The training was inaugurated by Hon'ble Vice Chancellor, **Dr. D. L. Maheswar**. In his inaugural address Hon'ble Vice Chancellor stressed the need to identify skill gaps in present horticulture sector and find the solutions for those gaps, helping to double the farmer's income and informed the trainee scientists to publish special booklets on horticultural skills. Dr. Y. K. Kotikal, Director of Extension, advised the trainees to participate with whole hearted interest in the training and learn the skills to transfer them to farmers by organising various training programmes to increase their skills towards increasing the income. During the training programme, 30 Scientists of UHS, Bagalkot from different disciplines participated.



Training cum Workshop on "Improved Agronomic Practices for Horticulture Crops"



D. A. Peerzade, Dr. Siddanna Thoke, were present. The farmers (45) were taken to field visit after the training.

The training cum workshop on "improved agronomic practices for horticulture crops" was organized at Horticulture Extension Education Unit, Tidagundi farm on 27.10.2017 in association with ATMA. The programme was inaugurated by Dr. I. S. Katageri, Professor of GPB, UAS, Dharwad, along with Dr. Pattanshetti, ATMA Coordinator and progressive farmers. During his inaugural speech, Dr. Katageri advised the farmers to follow improved agronomic practices to improve their economic condition. During the programme, staff members of Tidagundi farm, along with Dr.

Workshop on Documentation of Technologies of KAPC Project

A Technical workshop was held to finalize the cost effective technologies in horticulture on 29.11.2017 at the Directorate of Extension, UHS Bagalkot. Dr. Y. K. Kotikal, DE, welcomed the guests and participants. The workshop was inaugurated by **Dr. D. L. Maheswar**, Hon'ble Vice Chancellor, UHS, Bagalkot and informed the Scientists to relook into the innovations and technologies released from the University for the practical advantages of horticulture farming community. The scientists should go through the directory of technologies released by ICAR and other SAU's also to select the best technology for the economic advantages of farmer. In all, around 60 scientists of UHS from all the disciplines of horticulture, participated in the workshop to support documentation of cost effective technologies for immediate adoption. The workshop was organized with the financial support of KAPC. The workshop was coordinated and monitored by KAPC consultant Dr. S.S. Awati along with PI, Dr. S. Shashikumar. At the end of workshop, technologies under production, protection, post harvest and farm implements and machinery, were finalized.



Groundnut Field Day at Kolar



Groundnut Field Day was organized at Nellahalli, Village of Kolar District on 28.10.2017 on introduction of new variety GKVK-5 in groundnut for varietal replacement under NMOOP. The programme was organized by Dr. Raghunatha Reddy Scientist (Soil Science), KVK, Kolar under the leadership of Dr. Thulasiram, Senior Scientist and Head, assisted by Dr. Noorullah Haveri of KVK, Kolar.

Technology Demonstration on Ginger Harvesting Machine

Demonstration of ginger harvesting machine was organized at Sainath village, Bidar on 5th Dec, 2017. Dr. Nagendra Kawale, Assistant professor of Agril Engineering demonstrated the ginger harvesting machine. Team members of HEEU, Bidar, Dr. Srinivas N, Dr. Md. Farooq, Dr. Satyanarayana C. and Arunakumar K.T. were present on the occasion.



Celebration of Mahila Kisan Diwas at Kolar



A programme was organized to Celebrate *Mahila Kisan Diwas* on 15.10.2017 at Gundammnatha village, Srinivasapura taluk of Kolar district. Sri. Uday Patel, member, Gram Panchayat presided over the function. Smt. Bhagyamma, Gram Panchayat member was the chief guest and Smt. Amrutavalli, Asst. Director of Agriculture, Srinivasapura inaugurated the programme. A debate competition on a topic "Is it possible to do agriculture without women" where in four members have participated viz., Miss. Gitanjali, Smt. Bharatamma, Smt. NagaRathnamma and Smt. Vimalamma in which Smt. Vimalamma bagged first prize followed by Smt. Nagarathnamma and Miss. Gitanjali. A drawing competition was also organized to depict the role of women in agriculture and related activities in which Miss. Sumithra, Smt. Mala, Smt. Manjula, Baby Anugna and Baby Likitha have participated. First prize was bagged by Baby Anugna followed by Sumithra and Manjula.

Celebrations at Different Campuses of University



Kannada Rajyotsava at UHS, Bagalkot



Valmiki Jayanthi at UHS, Bagalkot



Valmiki Jayanthi at COH, Sirsi



Yoga camp at COH, Kolar



World Food Day at HEEU, Yadgiri



Kanakadas Jayanthi at COH, Bengaluru



Kannada Rajyotsava at HREC, Sirsi



Kannada Rajyotsava at COH, Bengaluru

Participation of UHS, Bagalkot in Krishi Mela of UAS, Bengaluru



The scientists of UHS, Bagalkot participated and showcased the technology exhibits, publications during Krishi Mela of UAS, Bengaluru held between 16th and 19th November 2017 and bagged first prize for the exhibition stall. Dr. D. L. Maheswar, Hon'ble Vice Chancellor, Dr. Y. K. Kotikal, Director of Extension and Dr. V. Nache Gowda, Director of Research participated in Krishi Mela and appreciated the efforts of scientists for their achievement during mela.

Awards and Recognitions



Dr. K. M. Indires, Registrar UHS, Bagalkot, has been nominated as a **Member of National Core Group for "Registering of Master's and Ph. D Curriculum and Syllabi"** by ICAR, Agriculture Education Division, Krishi Anusandhan Bhavan-II, Pusa, New Delhi.



Dr. Manjunath G., Assistant Professor of Plant Pathology has been awarded P. P. Singhal Memorial award by International Society of Mycology and Plant Pathology in International Conference held at Jaipur on 04.11.2017 with **Citation, Gold Medal and Cash Award of Rupees 25,000/-**



Dr. Prashanth S. J. has been recognized and is awarded with the **SCIRE NUTRITION SCIENTIST AWARD-2017** by Scire Science in the International Conference of SciCon series on current trends in Bioscience (CTBio), held at Cochin, India, during 21-23 August 2017, for the outstanding achievements in the field.

UHS IN THE NEWS



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Visits Abroad



Dr. V. Nachegowda, Director of Research, UHS, Bagalkot visited Israel from 30-10-2017 to 07-11-2017 to view the advances in horticulture development in Isarel. Visited five Kibutzs wherein hi-tech cultivation of Banana, Dates, Avocado, Mango, Citrus, Pomegranate, Olive, grapes and other fruit crops were taken.



Dr. I. B. Biradar, Professor of Agronomy, visited Israel from 29th October to 17th November and attended International Training programme on "Water management and Modern Irrigation Technologies" at Kibutz, Shefayim, Israel.



Dr. Mohan Kumar, Assistant Professor, Crop Physiology and **Dr. Mallikarjun G. Awati**, Asst. Professor of Crop Physiology participated in International course conducted by MASHAV in cooperation with CINADCO-Centre for International Agricultural Development Cooperation, Ministry of Agriculture and Rural Development, Israel on "Mitigation of Abiotic Factors in Arid and Semi-Arid Environments" held between 22.10.2017 to 10.11.2017 at Gilat Agricultural Centre, Israel.



Mr. Harikanth Porika, III Ph. D (Hort.) from College of Horticulture, GKVK, Bengaluru was on an International exposure visit conducted by 'The Hebrew University of Jerusalem' on "Feeding the Future: Food Safety and Technology in Times of Global Change" held between 29-10-2017 to 24-11-2017 at The International School of Agricultural Sciences, Rehovot, Israel.

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