Vice-Chancellor's Out Look....

Academic, research and extension council meetings have emulated to explore highly productive decisions towards the overall development of the University motto. The emergence of decisions have been adopted to formulate implementation plans, which I am sure the enthusiastic faculty would take it to fulfil expected results. Further, it is heartening to note the active participation and contribution of all the members and faculty in these council deliberations. Graduate and Post Graduate students admission with elated performing students reflects the importance of the professional degree program as well as the quality contribution of the University. University is eager to transform new entrants to mould them beyond scholar orbits. Committed efforts are focussed to provide students friendly learning centric environment. The review and adoption of V Deans Committee recommendations have added quality impetus to the prevailing syllabus, which emphasizes enhanced practical and skill oriented exposures. The concern of Board of Management and faculty efforts towards fulfilling vision of the university is highly appreciative.

Mango and Jack Fruit Exhibition at Bagalkot

Mango and Jack Fruit Diversity Exhibition cum Technical Interaction between scientists and farmers was jointly organized by UHS, Bagalkot and Indian Institute of Horticultural Research, Hessaraghatta, Bengaluru on 1st & 2nd June, 2016 at UHS, Bagalkot. Dr. M. R. Dinesh, Director, IIHR, Bengaluru inaugurated the function and addressed the gathering highlighting the present scenario of mango and jack diversity. In his presidential remarks Hon’ble Vice Chancellor Dr. D. L. Maheswar emphasized the popularization of Jackfruit in non-traditional belts. Sri G. S. Goudar, Director, Karnataka Mango Development and Marketing Authority, Bengaluru, Sri, Govindappa Gujiamnavar, Sri, P. Suresh, former members of BOM, UHS, Bagalkot, Dr. J. Venkatesh, Director of Research, Dr. A. B. Patil, Registrar, Dr. Y. K. Kotikal, Director of Extension, Dr. D. R. Patil, ADRE and Deans of various colleges were present as chief guests for the programme. Dr. V. Nachegowda, Dr. S. I. Athani, Dr. S. L. Jagadish, Dr. Kulapati Hipparagi, Dr. Venkateshalu and Dr. R. K Mesta scientists from various disciplines were involved in the technical sessions and shared their experiences giving valuable suggestions to the Mango / Jackfruit growers. Around 200 varieties of Mango and 50 varieties of Jackfruits of indigenous and exotic types collected from different parts of the country were displayed for the benefit of farmers, scientists, students, officers of horticulture department and public. The visitors expressed their happiness to see such a diversity of two fruits for the first time in northern Karnataka.
EDUCATION

Students who have completed their P. G. Programmes during June - July 2016


Plant Pathology: Sanjeev Jakatimath, Abhishek Gowda; Biotechnology and Crop Improvement: Mahamadotoufeeq Hussainaik, Chaitra A. Poleshi.

Laptop Distribution to SC/ST PG Students at UHS, Bagalkot

A function was organised on 15.6.2016 at UHS, Udyanagiri, Bagalkot to distribute laptop to SC/ST PG students under SCSP / TSP Scheme. The programme was inaugurated by Hon'ble Vice Chancellor Dr. D. L. Maheswar. After distributing the laptops to all the SC/ST PG students of our university, Vice Chancellor complemented the students and said that laptops should be utilised for exploring scientific information to gain knowledge across the globe. Addressing the gathering Dr. A. B. Patil, Registrar wished the students to acquire knowledge from every corner of the world through laptop. Dr. Y. K. Kotikal, Director of Extension also advised the students to utilize the laptops to gain knowledge related to specific information. Dr. Kulapati Hipparagi, Professor of Fruit Science and Head, SC/ST Cell explained the activities being carried out for the welfare of SC/ST students and staff at UHS, Bagalkot.

Exploring Genomic Resources : Summer School

The ICAR sponsored summer school on “Exploring genomic resources for the improvement of Horticultural crops” was organized at COH, Bengaluru from 1” to 21” July 2016. The function was inaugurated by Hon’ble Vice Chancellor Dr. D. L. Maheswar. Dr. M. R. Dinesh, Director, IIHR, Bengaluru, Dr. Vibha, Principal Scientist, IBAB, Bengaluru and Dr. S. B. Dandin, Former Vice chancellor, UHS, Bagalkot were present on the dais. Dr. K. Umesha, Dean presided over the function. Dr. B. Fakrudin, Professor and Head of BC1 and Course Director welcomed all the dignitaries. About 50 resource persons imparted the training for 21 days to 24 young scientists from different parts of the country viz., Andhra Pradesh, Maharashtra, Tamil Nadu, Jammu & Kashmir, Gujarat, Assam and Karnataka, Dr. S. Mohan Kumar and Dr. G. K. Halesh coordinated the programme.

Students’ Activities

RHWE activities of final year B.Sc. Students of College of Horticulture, Bagalkot

Students of COH, Kolar practicing vegetables carving
RESEARCH

Research Council Meeting

The Seventh Research Council Meeting was held on 18th July 2016 at UHS Campus, Bagalkot. Dr. D. L. Maheswar, Hon'ble Vice Chancellor, Dr. V. Nachegowda, Director of Research and all the research council members were present to review research highlights for the year 2015-16 and to discuss the researchable issues and future research programs for the year 2016-17. Hon'ble Vice Chancellor highlighted the importance of better research plans and advised the scientists for effective coordination and integration of research and extension. He complimented the scientists for developing new varieties and technologies to be included in the POP. The council approved 37 farm trials, 10 multi location trials and one new variety proposed for release.

Inauguration of Sasyasanthe

Sasyasanthe (a market for planting materials) was organized on 11.06.2016 by the Directorate of Research at Fruit Science Division, UHS, Bagalkot. Hon’ble Vice Chancellor Dr. D. L. Maheswar inaugurated the function and distributed the various type of seedlings, bio control agents and nutrient specials to the farmers who were first to buy. Dr. A. B. Patil, Registrar and Scientists Dr. I. B. Biradar, Dr. Kantesh G., Mr. Anand Nanjappanavar and Mr. Sateesh Pattepur were present on the occasion. More than 300 farmers participated and benefitted from the programme.

Recent Additions to the Research & Extension Project Pool

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Title of the Project</th>
<th>Funding Agency</th>
<th>Amount (₹ in lakhs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Sateesh R. Patil</td>
<td>Demonstration of precision farming technologies under open and protected structures for flowers and vegetable crops</td>
<td>RKVY</td>
<td>120.00</td>
</tr>
<tr>
<td>Dr. Jnaneshwar B. Gopali</td>
<td>Establishment of bee breeding, colony multiplication and training centre on beekeeping for sustainable pollination in horticultural crops</td>
<td>RKVY</td>
<td>150.00</td>
</tr>
<tr>
<td>Dr. Dadapeer Peerjade</td>
<td>Identifying elite mutant clones in the -rays irradiated seed derived progenies of pomegranate cv. Kesar and Ganesh</td>
<td>RKVY</td>
<td>30.00</td>
</tr>
<tr>
<td>Dr. Basavarajappa M. P.</td>
<td>Strengthening of quality control laboratory at UHS, Bagalkot</td>
<td>RKVY</td>
<td>50.00</td>
</tr>
<tr>
<td>Dr. K. R. Vasudeva</td>
<td>Popularization of value added products in Jackfruit</td>
<td>RKVY</td>
<td>39.00</td>
</tr>
<tr>
<td>Dr. Y. K. Kotikal</td>
<td>Capacity building programme for farmers</td>
<td>GOK</td>
<td>150.00</td>
</tr>
</tbody>
</table>

EXTENSION

Extension Education Council Meeting

Meeting of 7th Extension Education Council was held on 19th July, 2016 at UHS Bagalkot. Dr. D. L. Maheswar, Hon’ble Vice Chancellor chaired the meeting. Dr. J. Venkatesh, Director of Education, Dr. Y. K. Kotikal, Director of Extension, Dr.V. Nachegowda, Director of Research, Dr. A. B. Patil, Registrar, UHS Bagalkot, Dr. L. Krishna Naik, Former Director of Extension, UAS, Dharwad, Sri Vijay Kumar, Horticulture Entrepreneur, Bengaluru, Dr. R. Venkatkumar, Principal Scientist & Division Head (Extension), IIHR, Bengaluru and other Extension Council Members were present to discuss about the extension activities during the year 2015-16 and the action plan for the year 2016-17. Dr. Y. K. Kotikal, Director of Extension welcomed the
Chairman and all the members and also presented the action taken for the various agenda items of 6th EEC meeting and progress of the extension activities for the year 2015-16. In his presidential remarks, Hon'ble Vice Chancellor suggested to use ICT applications to reach the large number of farmers and to conduct the training programmes in collaboration with SKILL INDIA programme of GOI and to demonstrate selected technologies developed by IIHR, Bengaluru in farmer's fields. He also suggested to start “Tamarind cultivation” to conduct weekly farmers meeting. Totally 9 different agenda items were discussed and approved by the council.

Workshops: Tamarind Cultivation at Kolar

College of Horticulture, Kolar, KVK, Kolar and Karnataka State Spices Development Board (KSSDB), Hubli jointly organized one day “Workshop on Tamarind cultivation” at Kolar on 22.7.2016. Dr. J. Venkatesh, Director of Education, UHS, Bagalkot inaugurated the Workshop and highlighted the importance, scope and production of Tamarind. Shri Mohammad Muzamil Khaziya, President, KSSDB, Hubli was the Chief Guest. Dr. K. N. Srinivas, Dean, COH, Kolar presided over the function. Dr. V. Nachegowda, Director of Research highlighted the improved production technologies and Dr. Y. K. Kotikal, Director of Extension explained the key pests and their management. Sri K. Thulasiram, Senior Scientist & Head, KVK, Kolar has organized technical and interaction programme with farmers. All the Staff of COH, Kolar and KVK, Kolar, about 70 farmers participated in the workshop. It was decided to form a Farmers' Producers Organization for which KSSDB assured all the cooperation.

Revision of POP of Horticulture Crops

Workshop on Revision of Package of Practices of Horticultural crops was organized by the Directorate of Extension at College of Horticulture, Bengaluru on 27-28th July, 2016. At the outset, Dr. Y. K. Kotikal, Director of Extension, UHS, Bagalkot welcomed all the officers, stakeholders, scientists to discuss about the revision of package of practices for horticulture crops in Karnataka. Dr. D. L. Maheswar, Hon'ble Vice Chancellor chaired the workshop and urged the house to develop excellent inputs so that the new POP should enable in doubling the production and in turn the farmers’ income. The recommendations of POP should be virtual, critical, need based and should be farmer friendly. Dr. J. Venkatesh, Director of Education, Dr. V. Nachegowda, DR, UHS Bagalkot, Dr. T. H. Gowda, DE, & Dr. M. K. Naik, DR, UAHS, Shivamoga, Dr. S. K. Meti. DE, UAS, Raichur, Dr. Veere Gowda, Principal Scientist, IIHR, Bengaluru, Deans, ADREs, Heads of all departments of UHS Bagalkot, Scientists of IIHR, representatives from UAS Bengaluru and staff of Directorate of Extension participated in the workshop and discussed about the modifications to be done in the existing POP.

Crop Seminars: Turmeric : Training-Interaction-Exhibition

HEEU, COH, Mysuru organized one day 'Turmeric: Training-Interaction-Exhibition' programme on 24.06.2016. Around 100 turmeric farmers and interested participants from Mysuru and surrounding districts took part in this event. Besides farmers, other stake holders like KVKs, NGOs, and Extension personnel from Dept. of Horticulture took part in this programme. Mr. N. Aravamudan, AGM, NABARD, Mysore inaugurated the programme and informed farmers to form growers association and to establish processing industry by utilizing the facilities
from NABARD. In the technical session, Dr. Krishna Murthy, Principal Scientist, IISR, Calicut spoke on the improved varieties and advanced production technologies in turmeric cultivation. Dr. Madava Naidu, Principal Scientist from CFTRI, Mysore shared the advanced processing technology developed by them. The major attraction of the programme was live exhibition consisting of turmeric varieties, specimens of pest and diseases, nutrient deficiency symptoms and various processed and value added products. This was highly appreciated by the participate farmers.

**Improved Technologies in Tomato for Higher Productivity**

A seminar on “Improved Technologies in Tomato for Higher Productivity” was organized at KVK, Kolar in collaboration with Coramandal Fertilizers, Bengaluru on 17.06.2016 at Gounipalli village, Kolar District. Dr.K.S. Nagaraja, Scientist (Horticulture), KVK, Kolar gave the information on advanced production technologies in tomato cultivation. Shri K. Thulasiram, Senior Scientist & Head, KVK, Kolar and Dr. Manjunath Reddy, Assistant Professor, COH, Kolar spoke on the management of pests and diseases of tomato crops. They also highlighted about recently introduced leaf miner *Tuta absoluta* and its management. More than 60 farmers participated in the crop seminar.

**State Level Seminar on Traditional Methods of Agriculture**

State Level Seminar on Traditional Methods of Agriculture was organised by HEEU, NSS Unit, College of Horticulture, Bidar in collaboration with Karnataka Janapad Parishad, Bidar on 02.07.2016. Programme was inaugurated by Akhila Bharatha Sharana Sahitya Parishattha President Dr. Go. Ru. Channabasappa. Speaking at seminar, he opined that traditional farming and modern techniques in agriculture should go ’hand in hand’ for the growth of agriculture sector and farmers should know about the evil designs of corporate farming where profit would be paramount. Dr. Ravindra Mulge, Dean, COH, Bidar in his presidential remarks said that agriculture is the amalgamation of traditional and modern methods of farming which is now defined as integrated farming system where science based methods should be followed. Dr. Mohammed Farooq, HEEU, Leader, Smt. Shashikala B. Alagond, Dr. Praveen S.G. NSS, Co-ordinator, other staff, students of COH, Bidar and farmers participated in the programme.

**Cucurbits: Training-Interaction-Exhibition**

Training – Interaction – Exhibition on Cucurbits was organized by HEEU, Mysuru on 29.07.2016. Major cucurbits like watermelon, muskmelon, bitter gourd, bottle gourd, ridge gourd and snap melon were covered in this programme. Inaugurating the programme, Dr. M. Prabhakar, Retd. Scientist, IIHR, Bengaluru highlighted the need of extension personnel in the transfer of existing technologies. Mr. Manjunath, Deputy Director of Horticulture suggested farmers to follow the technical guidance of Scientists for maximum production. Mr. Harish B. S. Extension Leader, Mr. Sudarshan, G. K., Dr. Mutturaju, G. P. Scientists, HEEU, Mysuru and Mr. H. M. Praveen of Bayer crop science, Bengaluru were resource persons. Mr. Krishna, Namdhari Seeds Pvt. Ltd. Bengaluru demonstrated the grafting in cucurbits. More than 180 farmers from Mysuru, Mandya, Chamrajnagar and Hassan districts took part in this event.

**Training programmes : New Technologies in Vegetable Production**

HEEU, Arabhavi in collaboration with Dept. of Horticulture, BAILHONGAL organized the training programme on “New Technologies in Vegetable Production” on 13.06.2016. Dr. Ravindra Mulge, Professor of Vegetable Science, gave information on good agronomic practices of vegetable crops. Dean Dr. M. S. Kulkarni educated the farmers about management of important diseases of vegetable crops. Dr. V. Kantharaju, Extension Leader demonstrated the enrichment of compost with *Trichoderma*. Smt. Renuka and Dr. Ramanagouda demonstrated the IPM practices for root grubs in vegetable crops.
Inauguration of Agri Clinics & Agri Business Centres

Dr. J. Venkatesh, Director of Education inaugurated the two months Agri Clinics & Agri Business Centres training programme sponsored by MANAGE, Hyderabad by watering the plant on 13.07.2016. Director of Extension and Nodal Officer Dr. Y. K. Kotikal in his introductory remarks explained about the aims of programme, training facilities and importance of the training programme. Dr. V. Nachegowda, Director of Research highlighted the importance of the training. Dr. A. B. Patil, Registrar spoke on the opportunities and challenges in serving the farming community. Extension Leader & Training Coordinator Dr. S. Shashikumar welcomed the dignitaries and the trainees.

Potato Cultivation

One day training programme on Potato crop was organized at Horticultural Research and Extension Centre, Somanahalliakaval, Hassan in collaboration with ETC INDIA Pvt. Ltd on 29th July, 2016. Mr. Ashwin, Mysore and Mr. Suhas S. ETC consultants were involved in conducting the training programme and gathering farmers from Hassan and Chikmagalur districts. Dr. Prasad P.S. delivered lecture on disease and pest management in potato crop and Mrs. Soumya Shetty explained about potato production technology and varieties. During the training programme, diagnosis of potato diseases and pests were carried out. More than 50 farmers participated.

Input distribution Programme under IFS Project

Training cum input distribution programme was organized under Integrated farming System, Phase-II at COH, Bidar on 08.08.2016. Inaugurating the programme Dr. S. M. Shivaprakash, Director of Extension, KVAFSU, Bidar spoke about the importance of live stock component and fisheries in IFS. Dr. Ravi Deshmukh, Programme Co-ordinator, KVK, Bidar and Sri. Sunilkumar Gangasiri, ADH, Bidar participated as chief guests. Dean Dr. Ravindra Mulige presided over the programme. All the selected IFS beneficiary farmers were supplied with inputs viz., battery cum hand operated knapsack sprayers, cycle weeders, vegetable crates and Arka Kalyan onion seeds. Dr. Dhananjaya P., PI., Dr. Srinivas N. and Dr. Ashok Suryawanshi, Co-PI's of IFS, Phase-II organized the programme.

Pre-sowing operation in Horticulture crops

Training programme on Pre-sowing operation in Horticulture crops was organized at Horticulture Extension Education Unit, Yadagiri on 12.07.2016. Sri Ramangouda, Progressive farmer and Sri Sharanreddy, AHO, Yadagiri inaugurated the programme. Dr. Prashant, Extension Leader and Mr. Siddanna Thoke and Dr. Arun Bhavidoddi, Assistant Professors of HEEU, Yadagiri served as resource persons. More than 25 farmers actively participated in the training programme.

Demonstrations : Seed Treatment Campaign in Turmeric

HEEU, Arabhavi in collaboration with Sri Basaveswara Urban Credit Souharda Sahakari Niyamitha, Kolloli and ADVENTZ Group, Hubli organized the seed treatment campaign in turmeric on 08.06.2016 at Kolloli village of Gokak. Dean Dr. M. S. Kulkarni inaugurated the programme and suggested the farmers to follow simple technique of seed treatment to reduce the disease incidence and increase the yield. It was practically demonstrated by Dr. Kantharaju, V. Extension Leader, HEEU, Arabhavi. Dr. P. M. Gangadhurappa, Dr. Ramanagowda and Mr. Shrikantprasad were the resource persons. Shri Balappa Belakod, President, Shri Basaveshwara Urban Credit Souhard Sahakari Niyamitha, Dr. Kamal Kumar Singh, Zuaari Agro Services, Pune, Sri Dareppa Kittur, National Award Winner were on the dais. About 170 farmers from Belagavi district participated in the campaign.
Processing and Value Addition in Fruits and Vegetables

Capacity building programme on “Postharvest processing and value addition of fruits and vegetables” was organised by Dept. of Post Harvest Technology, COH, Bengaluru on 30th June, 2016. About twenty members of Kitchen Garden Association, Bengaluru attended the programme. Dr. Sadananda G. K. Assistant Professor of PHT briefed about the importance of good food and good health and also demonstrated various products like tomato ketchup, aonla-lime-ginger blended juice and mixed fruit jam. The trainees expressed their satisfaction about the interaction and also the quality of the products prepared during the training programme.

Visit of Hon’ble Vice Chancellor to Farmers Fields

Hon’ble Vice Chancellor Dr. D. L. Maheswar and Officers of the university visited the fields of progressive farmer and Former Board Member, UHS, Bagalkot Sri Govindappa Gujannavar at Ontagodi village of Mudhol on 31.07.2016 and were happy to observe the good crop of onion variety Arka Kalyan cultivated from the seeds supplied by UHS, Bagalkot. They also visited huge water pond developed with an outlay of more than one crore and drip irrigated sugarcane and other crops from the pond. The team also visited the fields of progressive farmer Sri Yallappa Loghavi of Mirji village who has grown marigold as inter crop in banana, onion, protected cultivation of flowers and drum stick var. Bhagya and sheep rearing under IFS module. Vice Chancellor advised other farmers to adopt such approaches and modern technologies to double their income.

Celebrations : World Environment Day

World Environment Day was celebrated at UHS, Bagalkot on 5th June, 2016 by planting the saplings of diversified medicinal, fruit, flower and bio fuel crops. This year the theme was “Campaign towards Stopping of Illegal Marketing of Wild Animals”. Inaugurating the function, the chief guest Dr. Sridhar Bhat, Assistant Professor (Wild Life Management), Forestry College, Sirsi said that it is the responsibility of all the citizens of the nation to protect and conserve our wild animals. Dr. S. I. Hanumashetty, Retired Dean, KRCCH, Arakhavi spoke on ill effects of climate change. Dr. A. B. Patil, Registrar presided over the function. Dr. Y. K. Kotikal, Dean, COH, Bagalkot and Dr. D. R. Patil, ADRE were on the dais. All the staff, students and workers actively participated in

International Day of Yoga

On the occasion of International Yoga Day of Yoga on 21st June, 2016, all the staff and students of our university performed mass yoga under the guidance of Sri H. N. Inamdar and Sri Sridhar Sureban of Baba Ramdeva Pathanjali Institute. Dr. Venkatesh, Director of Education in his inaugural speech urged all the staff and students to practice yoga for good health. Dr. A. B. Patil, Registrar said that Our Hon’ble Prime Minister Sri Narendra Modi popularized the Indian Yoga to entire world and all should practice yoga irrespective of caste and religion. Dr. Y. K. Kotikal, Director of Extension and DSW suggested to practice yoga daily and yoga should become the part of our lives. Similar programmes were organized at different campuses of the University.
Visitors

Sri R. S. Hiremath, Flexitrans, Bengaluru along with Post Graduate Research students Mr. Victor, Mr. Julian and Ms. Kloye from France visited UHS Bagalkot on 30.07.2016. They saw Food Processing Unit at PHT Department, Seed Unit, Molecular and Tissue Culture Lab and different research blocks on protected cultivation and interacted with scientists of our university. Director of Extension Dr. Y. K. Kotikal explained the various teaching, research and extension activities of the university. Director of Research Dr. V. Nachegowda briefed about the various externally funded projects. Hon’ble Vice Chancellor Dr. D. L. Maheswar discussed about the researchable issues, road maps and way forward. Officers and scientists were present in the brain storming session.

Awards & Recognitions

Dr. A. B. Patil, Registrar, UHS, Bagalkot was honoured with “Life Time Achievement Award” for his contributions in the field of Agril. Microbiology from Venus International Foundation, Chennai on 09.07.2016 at Chennai. He also participated in the Contemporary Academic Meet and delivered a talk on “Role of Micro-organisms in Soil Health Management”. Dr. A. B. Patil is nominated as Member of Peer Review Team (PRT) to visit Anand Agricultural University, Anand (Gujarat) and its colleges for assessment for accreditation.

Dr. K. M. Indiresh, Dean, COH, Mysuru as been elected as Councillor of the Indian Potato Association Executive-Region VI for the year 2016 and 2017 vide letter No. F. IPA/ Elec./ 2016-17/122, dated 24.06.2016.

Ms. Bharathi Bongale, Asst. Comptroller, COH, Bengaluru has been awarded with State Level Premakavi K. S. Narasimhaswamy Kavya Puraskara on the occasion of Premakavi K. S. Narasimhaswamy Sahityotsava held at Mysuru on 31.07.2016.

Visits Abroad

Mr. Basavarajappa H. R. Asst. Professor (Hort.), Project Planning and Monitoring Cell, UHS, Bagalkot has undergone international short course on “Horticulture Sector Development for Emerging Markets” under Netherland Fellowship Programme (NFP) at Centre for Development Innovation, Wageningen UR, Netherlands from 9-27th May, 2016.


Upcoming Programmes


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